LUMENTUM

2025 CDP Corporate Questionnaire 2025

12/15/2025, 09:44 am

Contents

C1. Introduction

(1.1) In which language are you submitting your response?

Select from:
☑ English

(1.2) Select the currency used for all financial information disclosed throughout your response.

Select from:
☑ USD

(1.3) Provide an overview and introduction to your organization.

(1.3.2) Organization type

Select from:
☑ Publicly traded organization

(1.3.3) Description of organization

Lumentum is a market-leading designer and manufacturer of innovative optical and photonic products enabling optical networking and laser applications worldwide. Lumentum's optical components and subsystems are part of virtually every type of telecom, enterprise, and data center network. Lumentum lasers enable advanced manufacturing techniques and diverse applications including next-generation imaging and sensing capabilities. Lumentum is headquartered in San Jose, California with R&D, manufacturing, and sales offices worldwide.
[Fixed row]

(1.4) State the end date of the year for which you are reporting data. For emissions data, indicate whether you will be providing emissions data for past reporting years.

(1.4.1) End date of reporting year

06/29/2024

(1.4.2) Alignment of this reporting period with your financial reporting period

Select from:
☑ Yes

(1.4.3) Indicate if you are providing emissions data for past reporting years

Select from:

☑ Yes

(1.4.4) Number of past reporting years you will be providing Scope 1 emissions data for

Select from:
☑ 1 year

(1.4.5) Number of past reporting years you will be providing Scope 2 emissions data for

Select from:
☑ 1 year

(1.4.6) Number of past reporting years you will be providing Scope 3 emissions data for

Select from:
☑ 1 year
[Fixed row]

(1.4.1) What is your organization's annual revenue for the reporting period?

1358100000

(1.5) Provide details on your reporting boundary.

	Is your reporting boundary for your CDP disclosure the same as that used in your financial statements?
	Select from: ☑ Yes

[Fixed row]

(1.6) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.)?

ISIN code - bond

(1.6.1) Does your organization use this unique identifier?

Select from:
☑ No

ISIN code - equity

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ No

CUSIP number

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ No

Ticker symbol

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ Yes

(1.6.2) Provide your unique identifier

LITE

SEDOL code

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ No

LEI number

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ No

D-U-N-S number

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ Yes

(1.6.2) Provide your unique identifier

079846674

Other unique identifier

(1.6.1) Does your organization use this unique identifier?

Select from:

☑ No

[Add row]

(1.7) Select the countries/areas in which you operate.

Select all that apply

☑ China
☑ Italy
☑ Japan
☑ Brazil
☑ Canada
☑ United States of America
☑ United Kingdom of Great Britain and Northern Ireland
☑ Slovenia
☑ Thailand
☑ Switzerland
☑ Taiwan, China
☑ Republic of Korea

(1.8) Are you able to provide geolocation data for your facilities?

	Are you able to provide geolocation data for your facilities?	Comment
	Select from: ☑ Yes, for all facilities	*We can provide location-based geodata for all our facilities*

[Fixed row]

(1.8.1) Please provide all available geolocation data for your facilities.

Row 1

(1.8.1.1) Identifier

Sao Paolo - Brazil

(1.8.1.2) Latitude

-22.83826

(1.8.1.3) Longitude

-47.03423

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 2

(1.8.1.1) Identifier

China - Shenzhen - Nanshan

(1.8.1.2) Latitude

22.56005

(1.8.1.3) Longitude

113.95217

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 3

(1.8.1.1) Identifier

Italy - Vimercate (Milan)

(1.8.1.2) Latitude

45.60208

(1.8.1.3) Longitude

9.36132

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 4

(1.8.1.1) Identifier

South Korea - Seongnam

(1.8.1.2) Latitude

37.444916

(1.8.1.3) Longitude

127.138868

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 5

(1.8.1.1) Identifier

USA - CA - San Jose - Rose Orchard

(1.8.1.2) Latitude

37.41431

(1.8.1.3) Longitude

-121.94798

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 6

(1.8.1.1) Identifier

Slovenia - Skofljica

(1.8.1.2) Latitude

45.98333

(1.8.1.3) Longitude

14.57667

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 7

(1.8.1.1) Identifier

USA - CA - San Jose - Ridder

(1.8.1.2) Latitude

37.33548

(1.8.1.3) Longitude

-121.893028

(1.8.1.4) Comment

3 sites. For more on our site locations, please see our Annual Sustainability Report FY24

Row 8

(1.8.1.1) Identifier

Japan - Tokyo

(1.8.1.2) Latitude

35.69407

(1.8.1.3) Longitude

139.68789

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 9

(1.8.1.1) Identifier

United Kingdom - Devon - Paignton

(1.8.1.2) Latitude

50.4144

(1.8.1.3) Longitude

-3.59056

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 10

(1.8.1.1) Identifier

Switzerland - Zurich

(1.8.1.2) Latitude

47.40058

(1.8.1.3) Longitude

8.45059

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 11

(1.8.1.1) Identifier

Canada - Ottawa

(1.8.1.2) Latitude

45.29633

(1.8.1.3) Longitude

-75.71057

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 12

(1.8.1.1) Identifier

Thailand - Pathumthani - Navanakorn

(1.8.1.2) Latitude

14.10478

(1.8.1.3) Longitude

100.60187

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 13

(1.8.1.1) Identifier

China - Shenzhen - Futian

(1.8.1.2) Latitude

22.54273

(1.8.1.3) Longitude

114.08543

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 14

(1.8.1.1) Identifier

United Kingdom - Towcester - Caswell

(1.8.1.2) Latitude

52.15473

(1.8.1.3) Longitude

-1.04839

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 15

(1.8.1.1) Identifier

Japan - Sagamihara

(1.8.1.2) Latitude

35.571462

(1.8.1.3) Longitude

139.373176

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 16

(1.8.1.1) Identifier

Taiwan - Taipei City

(1.8.1.2) Latitude

25.105497

(1.8.1.3) Longitude

121.597366

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 17

(1.8.1.1) Identifier

China - Dongguan

(1.8.1.2) Latitude

22.7763

(1.8.1.3) Longitude

113.75291

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 18

(1.8.1.1) Identifier

China - Shenzhen (Nanshan MFG)

(1.8.1.2) Latitude

22.5243

(1.8.1.3) Longitude

113.95274

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 19

(1.8.1.1) Identifier

USA - CA- San Jose - Zanker

(1.8.1.2) Latitude

37.39818

(1.8.1.3) Longitude

-121.93211

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 20

(1.8.1.1) Identifier

USA - CA - San Jose - Zanker MFG

(1.8.1.2) Latitude

37.3965

(1.8.1.3) Longitude

-121.93101

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 21

(1.8.1.1) Identifier

Japan - Takao

(1.8.1.2) Latitude

35.69428

(1.8.1.3) Longitude

139.373176

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 22

(1.8.1.1) Identifier

USA - TX - Dallas

(1.8.1.2) Latitude

32.80667

(1.8.1.3) Longitude

-96.7999

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 23

(1.8.1.1) Identifier

China - Wuhan

(1.8.1.2) Latitude

30.48768

(1.8.1.3) Longitude

114.44247

(1.8.1.4) Comment

For more on our site locations, please see our Annual Sustainability Report FY24

Row 25

(1.8.1.1) Identifier

China-Dongguan (CL)

(1.8.1.2) Latitude

22.77665

(1.8.1.3) Longitude

113.75175

(1.8.1.4) Comment

FY24 Acquisition

Row 26

(1.8.1.1) Identifier

China-Hong Kong (CL)

(1.8.1.2) Latitude

22.77665

(1.8.1.3) Longitude

114.23195

(1.8.1.4) Comment

FY24 Acquisition

Row 27

(1.8.1.1) Identifier

Taiwan-Taipei (CL)

(1.8.1.2) Latitude

24.9964

(1.8.1.3) Longitude

121.4866

(1.8.1.4) Comment

FY24 Acquisition
[Add row]

(1.24) Has your organization mapped its value chain?

(1.24.1) Value chain mapped

Select from:
☑ Yes, we have mapped or are currently in the process of mapping our value chain

(1.24.2) Value chain stages covered in mapping

Select all that apply
☑ Upstream value chain

(1.24.3) Highest supplier tier mapped

Select from:
☑ Tier 1 suppliers

(1.24.4) Highest supplier tier known but not mapped

Select from:
☑ Tier 2 suppliers

(1.24.7) Description of mapping process and coverage

Lumentum leverages several tools to evaluate the climate-related risks and opportunities of its upstream, downstream value chain and direct operations. Our annual enterprise risk management (ERM) assessment includes climate related risks in our risk inventory, such as physical risks associated with natural disasters. We hold quarterly business reviews with key suppliers. In that review we assess supplier responsiveness to certain climate-related information such as GHG emissions and corporate climate-related goals. In-scope suppliers are required to sign a supplier Code of Conduct agreement, which includes adherence to the Responsible Business Alliance (RBA) Code of Conduct. CMs are audited every other year using RBA's Validated Assessment Program (VAP) or Customer Managed Audit (CMA) to evaluate conformance. Major direct and indirect suppliers complete RBA's Self-Assessment Questionnaire (SAQ). The SAQ risk assessment includes evaluation of the environmental

performance and management systems of the site and provides a risk rating related to CSR risks and compliance with the RBA Code. The RBA Code includes the requirement for companies to establish greenhouse gas reduction goals.
[Fixed row]

(1.24.1) Have you mapped where in your direct operations or elsewhere in your value chain plastics are produced, commercialized, used, and/or disposed of?

	Plastics mapping	Primary reason for not mapping plastics in your value chain	Explain why your organization has not mapped plastics in your value chain
	Select from: ☑ No, and we do not plan to within the next two years	*Select from:* ☑ Not an immediate strategic priority	*Lumentum works to minimize plastic consumption in packaging, however, there is no corporate-level effort to measure and manage it.*

[Fixed row]

C2. Identification, assessment, and management of dependencies, impacts, risks, and opportunities

(2.1) How does your organization define short-, medium-, and long-term time horizons in relation to the identification, assessment, and management of your environmental dependencies, impacts, risks, and opportunities?

Short-term

(2.1.1) From (years)

0

(2.1.3) To (years)

5

(2.1.4) How this time horizon is linked to strategic and/or financial planning

We consider near-term (or short-term) horizons as the actionable plan, or our current focus and path to achieve longer term goals. For example, the achievement of our GHG and renewable energy goals result in actions during the current year and in accordance with short-term roadmaps established for the next 1 or 2 years

Medium-term

(2.1.1) From (years)

5

(2.1.3) To (years)

10

(2.1.4) How this time horizon is linked to strategic and/or financial planning

We set our environmental strategy based on a medium-term horizon, which determines our short-term actionable plans. We have approved (committed June 2022, submitted for validation June 2024, received validation November 2024), Science-based targets for 2030 Net-Zero goals for Scope 1,2 that will guide our actions over the next 2 decades. Our targets also include near-term targets.

Long-term

(2.1.1) From (years)

10

(2.1.2) Is your long-term time horizon open ended?

Select from:

☑ No

(2.1.3) To (years)

20

(2.1.4) How this time horizon is linked to strategic and/or financial planning

This aligns with vision of our company. This long-term vision enables us to develop the medium-term strategy, which enables us to develop our short-term implementation plans. We have approved (committed June 2022, submitted for validation June 2024, received validation November 2024) Science-based targets for 2050 Net-Zero goals that will guide our actions over the 2 decades.
[Fixed row]

(2.2) Does your organization have a process for identifying, assessing, and managing environmental dependencies and/or impacts?

	Process in place	Dependencies and/or impacts evaluated in this process
	Select from: ☑ Yes	*Select from:* ☑ Both dependencies and impacts

[Fixed row]

(2.2.1) Does your organization have a process for identifying, assessing, and managing environmental risks and/or opportunities?

	Process in place	Risks and/or opportunities evaluated in this process	Is this process informed by the dependencies and/or impacts process?
	Select from: ☑ Yes	*Select from:* ☑ Both risks and opportunities	*Select from:* ☑ Yes

[Fixed row]

(2.2.2) Provide details of your organization's process for identifying, assessing, and managing environmental dependencies, impacts, risks, and/or opportunities.

Row 1

(2.2.2.1) Environmental issue

Select all that apply
☑ Climate change

(2.2.2.2) Indicate which of dependencies, impacts, risks, and opportunities are covered by the process for this environmental issue

Select all that apply

☑ Dependencies

☑ Impacts

☑ Risks

☑ Opportunities

(2.2.2.3) Value chain stages covered

Select all that apply

☑ Direct operations

(2.2.2.4) Coverage

Select from:

☑ Partial

(2.2.2.7) Type of assessment

Select from:

☑ Qualitative and quantitative

(2.2.2.8) Frequency of assessment

Select from:

☑ Annually

(2.2.2.9) Time horizons covered

Select all that apply

☑ Short-term

☑ Medium-term

☑ Long-term

(2.2.2.10) Integration of risk management process

Select from:

☑ Integrated into multi-disciplinary organization-wide risk management process

(2.2.2.11) Location-specificity used

Select all that apply

☑ Site-specific

(2.2.2.12) Tools and methods used

Enterprise Risk Management

☑ Enterprise Risk Management

Other

☑ Scenario analysis

(2.2.2.13) Risk types and criteria considered

Acute physical

☑ Drought

☑ Flood (coastal, fluvial, pluvial, ground water)

☑ Wildfires

☑ Heat waves

☑ Cyclones, hurricanes, typhoons

☑ Heavy precipitation (rain, hail, snow/ice)

Chronic physical

☑ Changing precipitation patterns and types (rain, hail, snow/ice)

☑ Increased severity of extreme weather events

Policy

☑ Carbon pricing mechanisms

Liability

☑ Non-compliance with regulations

(2.2.2.14) Partners and stakeholders considered

Select all that apply

☑ Employees

☑ Suppliers

(2.2.2.15) Has this process changed since the previous reporting year?

Select from:

☑ Yes

(2.2.2.16) Further details of process

Lumentum leverages several tools to evaluate the climate-related risks and opportunities of its upstream and downstream value chain and direct operations. Our annual enterprise risk management (ERM) assessment includes climate related risks in our risk inventory, such as physical risks associated with natural disasters. Lumentum's process for identifying, assessing, and responding to climate-related risks and opportunities covers direct operations. As part of our business continuity planning, we review potential risks which include those due to extreme weather events that could impact our ability to execute our core business. Those top risks have mitigation plans that are triggered based on these events. Each of our internal manufacturing sites maintain a Business Continuity and Disaster Recovery (BCP) plan, which is reviewed and approved by Lumentum on an annual basis. These sites are prepared for a variety of potential scenarios including the physical risks (assessed for 2 climate scenarios). If the interruption is such that the alternative manufacturing operations were required, we have continuity plans with the capability to move production to a secondary site. Lumentum also maintains a buffer stock at several distributor hubs around the world. Annual strategic planning includes outlining plans and performance measures. Teams are responsible for developing and monitoring annual action plans against facility-

level and corporate-level climate-related objectives. Each site conducts a risk assessment to proactively identify and analyze risks (e.g., flood, fire), which helps teams to measure the potential impact and document mitigation actions. An example is in Thailand, where a significant flood risk exists. A tertiary defense system and flood protection walls were installed. For those physical climate risks, the sites develop emergency response plans and conduct annual mock drills at each facility. In addition, as a member of the RBA, our manufacturing facilities conduct annual RBA self-assessments and undergo internal audits against RBA's Code of Conduct. Additionally, sites monitor compliance with changing regulations such as ETS and emerging CBAM.

Row 2

(2.2.2.1) Environmental issue

Select all that apply

☑ Climate change

(2.2.2.2) Indicate which of dependencies, impacts, risks, and opportunities are covered by the process for this environmental issue

Select all that apply

☑ Dependencies

☑ Impacts

☑ Risks

☑ Opportunities

(2.2.2.3) Value chain stages covered

Select all that apply

☑ Upstream value chain

(2.2.2.4) Coverage

Select from:

☑ Full

(2.2.2.5) Supplier tiers covered

Select all that apply

☑ Tier 1 suppliers

(2.2.2.7) Type of assessment

Select from:

☑ Qualitative only

(2.2.2.8) Frequency of assessment

Select from:

☑ Annually

(2.2.2.9) Time horizons covered

Select all that apply

☑ Short-term

☑ Medium-term

☑ Long-term

(2.2.2.10) Integration of risk management process

Select from:

☑ Integrated into multi-disciplinary organization-wide risk management process

(2.2.2.11) Location-specificity used

Select all that apply

☑ Site-specific

☑ National

(2.2.2.12) Tools and methods used

Enterprise Risk Management

☑ Enterprise Risk Management

International methodologies and standards

☑ Life Cycle Assessment

(2.2.2.13) Risk types and criteria considered

Acute physical

☑ Cyclones, hurricanes, typhoons

☑ Flood (coastal, fluvial, pluvial, ground water)

Market

☑ Availability and/or increased cost of raw materials

(2.2.2.14) Partners and stakeholders considered

Select all that apply

☑ Suppliers

(2.2.2.15) Has this process changed since the previous reporting year?

Select from:

☑ No

(2.2.2.16) Further details of process

We hold quarterly business reviews with key suppliers. In that review we assess supplier responsiveness to certain climate-related information such as GHG emissions and corporate climate-related goals. In-scope suppliers are required to sign a supplier Code of Conduct agreement, which includes adherence to the Responsible Business Alliance (RBA) Code of Conduct. CMs are audited every other year using RBA's Validated

Audit Program (VAP) or Customer Managed Audit (CMA) to evaluate conformance. Other major direct and indirect suppliers complete RBA's Self-Assessment Questionnaire (SAQ). The SAQ risk assessment includes evaluation of the environmental performance and management systems of the site and provides a risk rating related to CSR risks and compliance with the RBA Code. The RBA Code includes the requirement for companies to establish greenhouse gas reduction goals. Each of our contract manufacturers and internal manufacturing sites maintain a Business Continuity and Disaster Recovery plan, which is reviewed and approved by Lumentum on an annual basis. These sites are prepared for a variety of potential scenarios including the physical risks. If the interruption is such that the alternative manufacturing operations were required, we have continuity plans with the capability to move production to a secondary site. Lumentum also maintains a buffer stock at several distributor hubs around the world. Depending on the risk assessment results the contract manufacturers establish flood response plans for extreme events and plans for lack of water supply in drought including water saving measures, and increased storage.

Row 3

(2.2.2.1) Environmental issue

Select all that apply

☑ Climate change

(2.2.2.2) Indicate which of dependencies, impacts, risks, and opportunities are covered by the process for this environmental issue

Select all that apply

☑ Dependencies

☑ Impacts

☑ Risks

☑ Opportunities

(2.2.2.3) Value chain stages covered

Select all that apply

☑ Downstream value chain

(2.2.2.4) Coverage

Select from:

☑ Partial

(2.2.2.7) Type of assessment

Select from:

☑ Qualitative only

(2.2.2.8) Frequency of assessment

Select from:

☑ Annually

(2.2.2.9) Time horizons covered

Select all that apply

☑ Short-term
☑ Medium-term
☑ Long-term

(2.2.2.10) Integration of risk management process

Select from:
☑ Integrated into multi-disciplinary organization-wide risk management process

(2.2.2.11) Location-specificity used

Select all that apply
☑ Site-specific

(2.2.2.12) Tools and methods used

Enterprise Risk Management
☑ Internal company methods

International methodologies and standards
☑ Life Cycle Assessment

(2.2.2.13) Risk types and criteria considered

Market
☑ Changing customer behaviour
☑ Other market, please specify: Availability of renewable energy

Reputation
☑ Other reputation, please specify: Provision of low emission technology-reputation and expectation of delivery of improving efficiency products

Technology
☑ Transition to lower emissions technology and products

(2.2.2.14) Partners and stakeholders considered

Select all that apply
☑ Customers

(2.2.2.15) Has this process changed since the previous reporting year?

Select from:
☑ No

(2.2.2.16) Further details of process

Our customers expect Lumentum to reduce its impact on climate from its operations and from the use of our products. Not meeting these expectations could be a reputational risk and impact our competitiveness. To meet

our customer expectations, Lumentum has a program in place to reduce GHG from our own operations and designs energy efficient products. For example, our high-speed coherent optical data transmission modules (used in internet backbone applications) have achieved a 81% reduction in relative power (W/Gb) usage (Gen 3 800G vs 100G). As AI workloads grow exponentially, optical link speeds in AI back-end networks are doubling roughly every two years—driving an urgent need for innovation in advanced photonic technologies. At the same time, power availability and cooling demands are placing greater pressure on data centers, making energy efficiency more critical than ever. Lumentum's technologies address both challenges by enabling power-efficient bandwidth scaling in photonic interconnects. We are advancing next-generation co-packaged optics that dramatically reduce power consumption in AI data center networks, supporting larger AI workloads and accelerating the shift from copper to photonic interconnects. Powered by advanced optical components and InP photonic devices, our solutions deliver the high performance and reliability demanded by hyperscale AI and data center infrastructure. Through innovations such as higher-speed lanes, more efficient laser-integrated circuits, and external light sources, we provide multiple pathways to improve power efficiency. Our commitment is to develop products that not only help customers scale but also enable energy-efficient systems that align with their sustainability goals. Our SBT targets (committed June 2022, submitted for validation June 2024, received validation November 2024) include intensity targets on customer end use of products (TCO2 per GBPS). These examples highlight that we continually invest in the development of solutions to meet the needs and expectations of our stakeholders in relation to climate risks.

Row 4

(2.2.2.1) Environmental issue

Select all that apply

☑ Water

(2.2.2.2) Indicate which of dependencies, impacts, risks, and opportunities are covered by the process for this environmental issue

Select all that apply

☑ Dependencies

☑ Impacts

☑ Risks

☑ Opportunities

(2.2.2.3) Value chain stages covered

Select all that apply

☑ Direct operations

☑ Upstream value chain

(2.2.2.4) Coverage

Select from:

☑ Partial

(2.2.2.5) Supplier tiers covered

Select all that apply

☑ Tier 1 suppliers

(2.2.2.7) Type of assessment

Select from:

☑ Qualitative only

(2.2.2.8) Frequency of assessment

Select from:

☑ Annually

(2.2.2.9) Time horizons covered

Select all that apply

☑ Short-term

☑ Medium-term

☑ Long-term

(2.2.2.10) Integration of risk management process

Select from:

☑ Integrated into multi-disciplinary organization-wide risk management process

(2.2.2.11) Location-specificity used

Select all that apply

☑ Site-specific

(2.2.2.12) Tools and methods used

Commercially/publicly available tools

☑ EcoVadis

☑ RBA Country Risk Assessment Tool

☑ WRI Aqueduct

☑ WWF Water Risk Filter

(2.2.2.13) Risk types and criteria considered

Acute physical

☑ Drought

☑ Flood (coastal, fluvial, pluvial, ground water)

Chronic physical

☑ Water availability at a basin/catchment level

☑ Water stress

☑ Water quality at a basin/catchment level

(2.2.2.14) Partners and stakeholders considered

Select all that apply

☑ Employees

☑ Suppliers

(2.2.2.15) Has this process changed since the previous reporting year?

Select from:
☑ Yes

(2.2.2.16) Further details of process

We use a combination of best practice external tools to identify sustainability risks within our operations and supply chain, which include water-related risks, dependencies, impacts, and opportunities. These tools include the WRI Aqueduct, the WWF Water Risk Filter, and the RBA Country Assessment Tool. We complete annual EcoVadis assessments for Lumentum and were awarded a Platinum status in 2024. The EcoVadis assessment includes an evaluation of how we manage water and related risks. We have assessed our operations using the WRI Aqueduct Water Risk Atlas and the WWF Water Risk Filter to identify areas of current and potential future water stress and enhanced this water risk assessment during FY24 to include future potential water stress scenarios and built a new scoring approach for our sites that incorporate both business priorities and strategy with water related environmental risks, dependencies and opportunities. We evaluate our suppliers using the RBA risk assessment tool and our own supplier management and risk assessment processes. This approach covers our top 200 suppliers by spend and the assessment includes water-related risks in its criteria and scoring. Suppliers are required to adhere to our Supplier Code of Conduct, and it requires compliance with the Responsible Business Alliance Code of Conduct which includes water related issues. Lumentum also assesses water-related risk as part of its business continuity planning, with individual BCP assessments completed by site. Factors incorporated in risk analysis include: priority, potential impact, timeline, current mitigation, and planned actions.
[Add row]

(2.2.7) Are the interconnections between environmental dependencies, impacts, risks and/or opportunities assessed?

(2.2.7.1) Interconnections between environmental dependencies, impacts, risks and/or opportunities assessed

Select from:
☑ Yes

(2.2.7.2) Description of how interconnections are assessed

We assess the interconnections between environmental dependencies, impacts, risks, and opportunities in climate and water. For example, we have considered the impacts of climate change and flooding within the same assessments. We also recognise water stress can be linked to climate vulnerability, and we will further explore interconnections. Areas with higher climate vulnerability may face increased risks of flooding or water depletion, which could affect our direct operations and wider value chain. For instance, Thailand is a priority location for both water and climate in our direct operations and contract manufacturers, where environmental interconnections and risks could impact production, supply chains, and multiple environmental indicators. Several of our sites require water for production processes, so we have been considering water stress as a potential risk that could affect our production sites. In this reporting year, we have expanded our assessment to include water quality. At a site level, many of our manufacturing sites have ISO 14001 certification, which assesses environmental aspects, including water and climate. In the future, we plan to implement a global management system to further support this work. We continuously work to identify ways to further integrate these interconnections between environmental dependencies, risks, impacts, and opportunities across our sustainability program. Physical risk case study: Thailand, where a significant flood risk exists. A tertiary defence system and flood protection walls were installed and a Lumentum contract manufacturer moved to a higher floor in response to flood risk. Lumentum assesses the current and future risk of severe weather and builds responses into the business planning process.

[Fixed row]

(2.3) Have you identified priority locations across your value chain?

(2.3.1) Identification of priority locations

Select from:

☑ Yes, we have identified priority locations

(2.3.2) Value chain stages where priority locations have been identified

Select all that apply

☑ Direct operations

(2.3.3) Types of priority locations identified

Locations with substantive dependencies, impacts, risks, and/or opportunities

☑ Locations with substantive dependencies, impacts, risks, and/or opportunities relating to water

(2.3.4) Description of process to identify priority locations

We have used tools such as WRI Aqueduct and WWF Risk Filter to identify water related priority locations in our direct operations.

(2.3.5) Will you be disclosing a list/spatial map of priority locations?

Select from:

☑ No, we have a list/geospatial map of priority locations, but we will not be disclosing it

[Fixed row]

(2.4) How does your organization define substantive effects on your organization?

Risks

(2.4.1) Type of definition

Select all that apply

☑ Qualitative

☑ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

☑ Revenue

(2.4.3) Change to indicator

Select from:

☑ % decrease

(2.4.4) % change to indicator

Select from:

☑ 1-10

(2.4.6) Metrics considered in definition

Select all that apply

☑ Frequency of effect occurring

☑ Time horizon over which the effect occurs

☑ Likelihood of effect occurring

(2.4.7) Application of definition

A quantifiable indicator for a material impact is one that affects revenue, expenses, or profit by more than $5M or affects 5% of revenue or profit within a business unit.

Opportunities

(2.4.1) Type of definition

Select all that apply

☑ Qualitative

☑ Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

☑ Revenue

(2.4.3) Change to indicator

Select from:

☑ % increase

(2.4.4) % change to indicator

Select from:

☑ 1-10

(2.4.6) Metrics considered in definition

Select all that apply

☑ Frequency of effect occurring

☑ Time horizon over which the effect occurs

☑ Likelihood of effect occurring

(2.4.7) Application of definition

A quantifiable indicator for a material impact is one that affects revenue, expenses, or profit by more than $5M or affects 5% of revenue or profit within a business unit.
[Add row]

(2.5) Does your organization identify and classify potential water pollutants associated with its activities that could have a detrimental impact on water ecosystems or human health?

(2.5.1) Identification and classification of potential water pollutants

Select from:
☑ Yes, we identify and classify our potential water pollutants

(2.5.2) How potential water pollutants are identified and classified

Lumentum adheres to global standards and regional regulations to identify, classify, and manage water pollutants. Our internal policies, including EHS global standards on wastewater management, guide the identification, classification and mitigation of potential pollutants and associated risks. We hold site-specific permits or licenses to ensure compliance with metrics that prevent harmful impacts on water bodies and ecosystems. Most manufacturing sites operate under ISO 14001-certified environmental management systems, which include emergency response processes for potential risks and the requirement to identify environmental risks, opportunities and compliance obligations. We collaborate with local regulators to manage pollutants and maintain compliance with both internal policies and broader obligations. Key metrics include wastewater quality, COD, BOD, pH, and TSS levels, tailored to site operations and materials. Success is measured through EHS targets, ongoing compliance, and tracking to maintain EMS targets of 0 environmental non-conformances. Environmental aspect reviews determine whether water pollutants are significant for each site on sites with ISO 14001 systems, and we work with Workplace Services and Facilities teams to ensure local regulatory compliance against applicable regulations, licenses and permits.
[Fixed row]

(2.5.1) Describe how your organization minimizes the adverse impacts of potential water pollutants on water ecosystems or human health associated with your activities.

Row 1

(2.5.1.1) Water pollutant category

Select from:
☑ Inorganic pollutants

(2.5.1.2) Description of water pollutant and potential impacts

Heavy metals ammonia etc. Metals and other chemicals may be used in our manufacturing processes. If these are not managed correctly and are released to mains effluent or into surface water, they could cause water pollution and impact upon local compliance requirements (e.g. permit or licence conditions) In the worst cases, this could cause water pollution that impacts the ecosystem's our sites and operations are in.

(2.5.1.3) Value chain stage

Select all that apply

☑ Direct operations

(2.5.1.4) Actions and procedures to minimize adverse impacts

Select all that apply

☑ Assessment of critical infrastructure and storage condition (leakages, spillages, pipe erosion etc.) and their resilience

☑ Beyond compliance with regulatory requirements

☑ Industrial and chemical accidents prevention, preparedness, and response

☑ Reduction or phase out of hazardous substances

☑ Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements

(2.5.1.5) Please explain

Across our sites, and dependent on production processes, various pollutants can contaminate process wastewater that we generate. We apply a range of measures to manage this depending on the site. This ranges from pH adjustment, fluorides to remove heavy metal, pre-treatment by precipitation, and anaerobic treatment before submitting the production auxiliary sewage water for further treatment by certified providers in order to minimize impacts on water ecosystems and human health. Our manufacturing sites continuously monitor leakages and work to prevent them and ensure resilience of critical infrastructure and storage. EHS chemical and industrial accidents prevention, preparedness and response processes and procedures are in place across all sites through the site EHS managements systems. Some sites go beyond regulatory requirements, but at the minimum, we comply with applicable regulatory requirements in all our regions of accountability and with our internal policies and procedures around this, e.g. global wastewater management EHS standards. Our Product Compliance team work closely with our R&D teams to identify opportunities to reduce or phase out hazardous substances. We measure and evaluate success in this area as continued compliance with regulatory and environmental requirements and zero environmental incident targets within our EMS.

Row 2

(2.5.1.1) Water pollutant category

Select from:

☑ Other nutrients and oxygen demanding pollutants

(2.5.1.2) Description of water pollutant and potential impacts

BOD, COD, oils. One potential impact of these pollutants is strain upon municipal sewer systems if effluent is not within consent or licence limits, or contribution toward water pollution in the instance of uncontrolled releases. The oxygen demanding pollutants can contribute to death of marine life and plants in the event of pollution. We manage the risk of these impacts by treating effluent within our licence/consent conditions as appropriate, and by not directly releasing untreated wastewater into the natural environment,

(2.5.1.3) Value chain stage

Select all that apply

☑ Direct operations

(2.5.1.4) Actions and procedures to minimize adverse impacts

Select all that apply

☑ Assessment of critical infrastructure and storage condition (leakages, spillages, pipe erosion etc.) and their resilience

☑ Beyond compliance with regulatory requirements

☑ Industrial and chemical accidents prevention, preparedness, and response

☑ Reduction or phase out of hazardous substances

☑ Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements

(2.5.1.5) Please explain

Across our sites, depending on production processes, various pollutants contaminate water that we use. We apply pH adjustment, fluorides to remove heavy metal, pre-treat by precipitation and anaerobic treatment, before submitting the production/auxiliary sewage water for further treatment by certified providers, in order to minimize impacts on water ecosystems and human health as a result. Our manufacturing sites continuously monitor leakages and work to prevent them. EHS chemical and industrial accidents prevention, preparedness and response processes and procedures are in place across all sites. Some sites go beyond regulatory requirements but at the minimum we comply with applicable regulatory requirements in all our regions of accountability and with our internal policies and procedures around this, e.g. global wastewater management EHS standards. We measure success in this area as compliance with these environmental requirements.

Row 3

(2.5.1.1) Water pollutant category

Select from:

☑ Other physical pollutants

(2.5.1.2) Description of water pollutant and potential impacts

Suspended solids. Suspended solids are small particles of solids that remain in suspension within water, e.g. organic matter and other debris and can contribute to water pollution. The potential impacts include harm to natural water ecosystems through reduced light penetration and habitat degradation. We manage the risk of these impacts by treating effluent within our licence/ consent conditions as appropriate, and by not directly releasing untreated wastewater into the natural environment,

(2.5.1.3) Value chain stage

Select all that apply

☑ Direct operations

(2.5.1.4) Actions and procedures to minimize adverse impacts

Select all that apply

☑ Assessment of critical infrastructure and storage condition (leakages, spillages, pipe erosion etc.) and their resilience

☑ Beyond compliance with regulatory requirements

☑ Industrial and chemical accidents prevention, preparedness, and response

☑ Reduction or phase out of hazardous substances

☑ Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements

(2.5.1.5) Please explain

Across our sites, depending on production processes, various pollutants contaminate water that we use. We apply pH adjustment, fluorides to remove heavy metal, pre-treat by precipitation and anaerobic treatment, before submitting the production/auxiliary sewage water for further treatment by certified providers, in order to minimize impacts on water ecosystems and human health as a result. Our manufacturing sites continuously monitor leakages and work to prevent them. EHS chemical and industrial accidents prevention, preparedness and response processes and procedures are in place across all sites. Some sites go beyond regulatory requirements but at the minimum we comply with applicable regulatory requirements in all our regions of accountability and with our internal policies and procedures around this, e.g. global wastewater management EHS standards. We measure success in this area as compliance with these environmental requirements.
[Add row]

C3. Disclosure of risks and opportunities

(3.1) Have you identified any environmental risks which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future?

Climate change

(3.1.1) Environmental risks identified

Select from:

☑ Yes, both in direct operations and upstream/downstream value chain

Water

(3.1.1) Environmental risks identified

Select from:

☑ Yes, both in direct operations and upstream/downstream value chain

Plastics

(3.1.1) Environmental risks identified

Select from:

☑ No

(3.1.2) Primary reason why your organization does not consider itself to have environmental risks in your direct operations and/or upstream/downstream value chain

Select from:

☑ Not an immediate strategic priority

(3.1.3) Please explain

At this time, plastics is not an immediate strategic priority. Lumentum works to minimize plastic consumption in packaging, however, there is no corporate-level effort to measure and manage it.
[Fixed row]

(3.1.1) Provide details of the environmental risks identified which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk1

(3.1.1.3) Risk types and primary environmental risk driver

Policy

☑ Carbon pricing mechanisms

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ China

☑ United Kingdom of Great Britain and Northern Ireland

☑ Japan

☑ Slovenia

☑ Thailand

☑ United States of America

(3.1.1.9) Organization-specific description of risk

Our manufacturing operations require significant amounts of electricity to develop and manufacture our products. We expect to continue to expand our manufacturing capabilities and energy use, particularly in Thailand where the cost of electricity is relatively low, but there may be higher likelihood of emissions regulation. We also have manufacturing operations in China, Japan, the United States, the UK and Slovenia where climate change related regulations or carbon pricing mechanisms are likely to be introduced and/or tightened.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Increased indirect [operating] costs

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

☑ Medium-term

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

☑ Likely

(3.1.1.14) Magnitude

Select from:

☑ Medium-high

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Increased carbon regulation could increase the energy cost of direct operations and increase the costs of purchased goods and service. See "anticipated financial effect" column.

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

☑ Yes

(3.1.1.21) Anticipated financial effect figure in the medium-term – minimum (currency)

19000000

(3.1.1.22) Anticipated financial effect figure in the medium-term – maximum (currency)

50000000

(3.1.1.25) Explanation of financial effect figure

Figures are estimated based on a 50/MT to 100/MT price on carbon based on our FY24 direct emissions assuming our emissions increase to 100,000 MT/year. This figure covers a 5-year period.

(3.1.1.26) Primary response to risk

Infrastructure, technology and spending

☑ Increase environment-related capital expenditure

(3.1.1.27) Cost of response to risk

15550000

(3.1.1.28) Explanation of cost calculation

This figure assumes one-time setup costs for these different initiatives that resulting in a 1% increase in SG&A costs per year over a 5-year period. The cost of response to the risk is calculated over 5 years and includes the projected costs to install on-site solar plants, purchase of renewable energy and the CAPEX associated with planned energy efficiency projects.

(3.1.1.29) Description of response

We manage this risk primarily by reducing our emissions footprint. We are sourcing renewable energy and installing on-site solar in viable sites across our operating footprint. For example, in FY23, we have installed a solar array on our Slovenia plant and in FY24 completed the installation of solar arrays on our Thailand, and San Jose sites, which is helping to mitigate our exposure to increased electricity prices. In addition, 79% of our global

electricity was from renewable sources by the end of the reporting period (June 2024) and will reach about 84% in the following year. We've tasked our facility managers with pursuing energy efficiency opportunities across our operations; this cost is built into existing budgets.

Water

(3.1.1.1) Risk identifier

Select from:

☑ Risk1

(3.1.1.3) Risk types and primary environmental risk driver

Chronic physical

☑ Water stress

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Direct operations

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ Thailand

(3.1.1.7) River basin where the risk occurs

Select all that apply

☑ Chao Phraya

(3.1.1.9) Organization-specific description of risk

Yes, within our direct operations we have identified a manufacturing site that uses water within its wider processes that is located within an area of higher risk for water stress. This site has water dependencies due to using water within its wider operational processes. While this is there is not having a substantive impact on the business in the present, or likely immediate future, we are aware from the WRI Aqueduct risk atlas that water stress could have an effect on the area in the distant future. We are mitigating against this through water targets and work to improve water efficiency which will help reduce the site-specific risks in the future.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Decreased revenues due to reduced production capacity

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

☑ Long-term

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

☑ Unlikely

(3.1.1.14) Magnitude

Select from:

☑ Low

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

We do not anticipate the risk to have a substantial effect on the financial position, performance or cash flow of the organisation in the future time horizons. We may find indirect costs increase due to water stress so are working to minimise impacts by prioritising water efficiency and water withdrawal reductions wherever possible.

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

☑ No

(3.1.1.26) Primary response to risk

Infrastructure, technology and spending

☑ Adopt water efficiency, water reuse, recycling and conservation practices

(3.1.1.27) Cost of response to risk

0

(3.1.1.28) Explanation of cost calculation

We have not yet quantified this fully

(3.1.1.29) Description of response

We have adopted water targets (reducing water withdrawals) and are promoting awareness of water related issues across this site and our wider Lumentum portfolio.

Climate change

(3.1.1.1) Risk identifier

Select from:

☑ Risk2

(3.1.1.3) Risk types and primary environmental risk driver

Acute physical

☑ Cyclone, hurricane, typhoon

(3.1.1.4) Value chain stage where the risk occurs

Select from:

☑ Upstream value chain

(3.1.1.6) Country/area where the risk occurs

Select all that apply

☑ China

☑ Japan

☑ Thailand

(3.1.1.9) Organization-specific description of risk

We operate a complex global supply chain and rely on on-time logistics to manufacture and deliver our products. In some cases, we rely on single suppliers for critical inputs that operate in Southeast Asia, an area prone to extreme weather events. An increase in either the severity or frequency of events could lead to our supply partners to shut down, either temporarily or permanently, resulting in a critical supply risk for key components necessary for product development.

(3.1.1.11) Primary financial effect of the risk

Select from:

☑ Increased indirect [operating] costs

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

☑ Short-term

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

☑ About as likely as not

(3.1.1.14) Magnitude

Select from:

☑ Medium

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

An increase in either the severity or frequency of events could lead to our supply partners to shut down, either temporarily or permanently, resulting in a critical supply risk for key components necessary for product development.

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

☑ Yes

(3.1.1.19) Anticipated financial effect figure in the short-term – minimum (currency)

6700000

(3.1.1.20) Anticipated financial effect figure in the short-term – maximum (currency)

20000000

(3.1.1.25) Explanation of financial effect figure

Should a critical supply partner be unable to provide inputs on time, or shut down operations, this could lead to lost revenue opportunities. Figures are estimated based upon a one-time 0.5% - 1.5% loss of revenue.

(3.1.1.26) Primary response to risk

Diversification

☑ Increase supplier diversification

(3.1.1.27) Cost of response to risk

153000000

(3.1.1.28) Explanation of cost calculation

The R&D costs to develop this capability, capital expenditures to set up production lines and operating costs to produce these components could pose a significant cost to the business. Costs are estimated based on a 5% increase to our R&D budget and a 5% increase to our SG&A budget over a 5-year period

(3.1.1.29) Description of response

We have identified risks based on sole source suppliers and are investigating dual sourcing all critical components. In addition, we are assessing our capability to develop and manufacture critical components when we cannot identify a suitable dual source supplier.
[Add row]

(3.1.2) Provide the amount and proportion of your financial metrics from the reporting year that are vulnerable to the substantive effects of environmental risks.

Climate change

(3.1.2.1) Financial metric

Select from:

☑ Revenue

(3.1.2.2) Amount of financial metric vulnerable to transition risks for this environmental issue (unit currency as selected in 1.2)

1358100000

(3.1.2.3) % of total financial metric vulnerable to transition risks for this environmental issue

Select from:
☑ Less than 1%

(3.1.2.4) Amount of financial metric vulnerable to physical risks for this environmental issue (unit currency as selected in 1.2)

1358100000

(3.1.2.5) % of total financial metric vulnerable to physical risks for this environmental issue

Select from:
☑ Less than 1%

(3.1.2.7) Explanation of financial figures

See 3.1.1 for quantification. Numbers in this question are costs for one year divided by revenue. Costs shown are for Transitional risks due to CO2 pricing and Physical risks due to changing climate conditions and extreme events.

Water

(3.1.2.1) Financial metric

Select from:
☑ Revenue

(3.1.2.2) Amount of financial metric vulnerable to transition risks for this environmental issue (unit currency as selected in 1.2)

7826500

(3.1.2.3) % of total financial metric vulnerable to transition risks for this environmental issue

Select from:
☑ Less than 1%

(3.1.2.4) Amount of financial metric vulnerable to physical risks for this environmental issue (unit currency as selected in 1.2)

7826500

(3.1.2.5) % of total financial metric vulnerable to physical risks for this environmental issue

Select from:

☑ Less than 1%

(3.1.2.7) Explanation of financial figures

We operate a complex global supply chain and rely on on-time logistics to manufacture and deliver our products. Should water related risks such as flooding or water stress affect a critical supply partner to the extent they are be unable to provide inputs on time, or shut down operations, this could lead to lost revenue opportunities. Figures are estimated based upon a one-time 0.5% (approx.) loss of revenue.
[Add row]

(3.2) Within each river basin, how many facilities are exposed to substantive effects of water-related risks, and what percentage of your total number of facilities does this represent?

Row 1

(3.2.1) Country/Area & River basin

Thailand

☑ Chao Phraya

(3.2.2) Value chain stages where facilities at risk have been identified in this river basin

Select all that apply

☑ Direct operations

(3.2.3) Number of facilities within direct operations exposed to water-related risk in this river basin

1

(3.2.4) % of your organization's total facilities within direct operations exposed to water-related risk in this river basin

Select from:

☑ 1-25%

(3.2.10) % organization's total global revenue that could be affected

Select from:
☑ Less than 1%

(3.2.11) Please explain

Not anticipated to impact upon total global revenue
[Add row]

(3.3) In the reporting year, was your organization subject to any fines, enforcement orders, and/or other penalties for water-related regulatory violations?

	Water-related regulatory violations	Comment
	Select from: ☑ No	*There were no fines, enforcement orders, penalties or other water related regulatory violations during the reporting year*

[Fixed row]

(3.5) Are any of your operations or activities regulated by a carbon pricing system (i.e. ETS, Cap & Trade or Carbon Tax)?

Select from:
☑ Yes

(3.5.1) Select the carbon pricing regulation(s) which impact your operations.

Select all that apply
☑ Shenzhen pilot ETS

(3.5.2) Provide details of each Emissions Trading Scheme (ETS) your organization is regulated by.

Shenzhen pilot ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

100

(3.5.2.2) % of Scope 2 emissions covered by the ETS

100

(3.5.2.3) Period start date

12/31/2023

(3.5.2.4) Period end date

12/30/2024

(3.5.2.5) Allowances allocated

9806

(3.5.2.6) Allowances purchased

535

(3.5.2.7) Verified Scope 1 emissions in metric tons CO2e

11

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

12933

(3.5.2.9) Details of ownership

Select from:
☑ Facilities we own and operate

(3.5.2.10) Comment

One site only. Approved quota is 9806 Tons. Quota surplus in reporting period is 3138 Tons. Balance in account from 2023 is 1094 Tons. A reduction of 1509 Tons due to green power purchasing. The result is a required purchase of 535 Tons.
[Fixed row]

(3.5.4) What is your strategy for complying with the systems you are regulated by or anticipate being regulated by?

We annually report and complete assurance for the Scope 1 and Scope 2 emissions on these sites. We will comply by purchasing the required allowances. We are actively pursuing GHG reduction activities on the sites to reduce the requirement for purchase of allowances and these sites are part of our Scope 1/ 2 Net zero target of 2030. Additionally we purchase renewable electricity (GEC) at the site which under the ETS rules reduces the number of allowances we need to purchase. Additionally, we purchase renewable electricity at the site which under the ETS rules reduces the number of allowances we need to purchase

(3.6) Have you identified any environmental opportunities which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future?

	Environmental opportunities identified
Climate change	*Select from:* ☑ Yes, we have identified opportunities, and some/all are being realized
Water	*Select from:* ☑ Yes, we have identified opportunities, and some/all are being realized

[Fixed row]

(3.6.1) Provide details of the environmental opportunities identified which have had a substantive effect on your organization in the reporting year or are anticipated to have a substantive effect on your organization in the future.

Climate change

(3.6.1.1) Opportunity identifier

Select from:

☑ Opp1

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Products and services

☑ Development of new products or services through R&D and innovation

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☑ Downstream value chain

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

☑ China

☑ United Kingdom of Great Britain and Northern Ireland

☑ Japan

☑ Slovenia

☑ Thailand

☑ United States of America

(3.6.1.8) Organization specific description

Lumentum's advances in its products and technologies are helping to increase power efficiency. If the demand for our products increases, we have opportunities to increase our market share of existing products. For example, a comparative analysis was performed on our high-speed coherent optical data transmission modules, which are used in internet backbone applications, on a basis of Watts per Gigabit (W/Gb), from 100 Gigabits per second to 800 Gigabits per second, and from the Generation 1 (Gen1) to Generation 3 (Gen3) modules. We achieved a power efficiency improvement from Gen1 to Gen3 of 81% (W/Gb). Similarly, with the launch of our 200G PAM4 externally modulated laser (EML), the laser power consumption per Gbps (Gigabits per second) was reduced by 77% over the preceding generation, reducing overall energy requirements of cloud data centers.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☑ Increased revenues resulting from increased demand for products and services

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

☑ Medium-term

(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

☑ Likely (66–100%)

(3.6.1.12) Magnitude

Select from:

☑ Medium-high

(3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons

See "financial effect" column

(3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

☑ Yes

(3.6.1.19) Anticipated financial effect figure in the medium-term - minimum (currency)

68000000

(3.6.1.20) Anticipated financial effect figure in the medium-term - maximum (currency)

340000000

(3.6.1.23) Explanation of financial effect figures

Figures are estimated based on an increase in demand for our products resulting in an increase our revenue of 1% - 5% over a 5-year period.

(3.6.1.24) Cost to realize opportunity

302000000

(3.6.1.25) Explanation of cost calculation

These costs are considered in-kind with Lumentum's regular cost of R&D and is contained within Lumentum's R&D spend. As this aspect of product design is not categorized as an individual spend level, the "cost to realize opportunity" listed above is the full Lumentum R&D budget over 1 year.

(3.6.1.26) Strategy to realize opportunity

Our R&D teams are essential to driving energy efficiency in our products, and efficiency is a key design element when introducing new concepts (see example in Company-specific description). Increased capacity in our R&D teams will increase our ability to create products that meet the future demands and investigate ways to integrate our technologies into new markets.

Water

(3.6.1.1) Opportunity identifier

Select from:

☑ Opp1

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Resource efficiency

☑ Reduced water usage and consumption

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☑ Direct operations

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

☑ China

☑ Japan

☑ Thailand

☑ United Kingdom of Great Britain and Northern Ireland

☑ United States of America

(3.6.1.6) River basin where the opportunity occurs

Select all that apply

☑ Chao Phraya

(3.6.1.8) Organization specific description

We have identified opportunities to improve process improvements and cost efficiency at our manufacturing sites through our water reduction initiatives. Our manufacturing sites have established or are working towards establishing site targets that support our Global water reduction goal and are simultaneously identifying opportunities and site-specific projects to help reduce water withdrawals in line with this. In the reporting year, this included some improvements at one site to install a water recycling system. At some sites, improvements over the last few years have led to significant reductions in water withdrawal, including at one facility in San Jose which has achieved a 45% reduction in the monthly average water usage since 2021.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☑ Reduced indirect (operating) costs

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

☑ Short-term

☑ Medium-term

☑ Long-term

(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

☑ More likely than not (50–100%)

(3.6.1.12) Magnitude

Select from:

☑ Low

(3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Unknown at present. Would likely only apply to reduced indirect operational costs in water withdrawals, etc

(3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

☑ No

(3.6.1.24) Cost to realize opportunity

0

(3.6.1.25) Explanation of cost calculation

N/A

(3.6.1.26) Strategy to realize opportunity

We have set site targets and are working with the relevant teams to identify any projects, both capex and in general expenditure, that would support water withdrawal reductions. In recent years, we have seen some sites significantly decrease water withdrawals through improvements, awareness and other initiatives. We are reviewing how we can enhance these benefits and the applicability of the projects at similar sites within Lumentum.

Climate change

(3.6.1.1) Opportunity identifier

Select from:

☑ Opp3

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Markets

☑ Expansion into new markets

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

☑ Downstream value chain

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

☑ China

☑ Japan

☑ Thailand

☑ United Kingdom of Great Britain and Northern Ireland

☑ United States of America

(3.6.1.8) Organization specific description

Lumentum fosters a culture of innovation where everyone is encouraged to find creative solutions. Our legacy is reflected in our product leadership and extensive intellectual property, with nearly 1,000 U.S. patents, 800 foreign patents, and about 600 pending applications. Our strong patent portfolio in optical switching, 3D sensing, photonic integrated circuits, and ultrafast lasers positions us to create energy-efficient products that open new market opportunities and revenue streams. Examples of these new markets for high-power ultrashort-pulse lasers are: 1) Manufacturing of solar cells. This market is a strongly growing market with ~ 95% of commercial cells based on silicon wafer technology. Our micromachining lasers offer increased throughput and precision that these manufacturing processes require. 2) EV Batteries: The race to develop solid-state batteries or silicon anodes with higher energy density is accelerating. Lumentum lasers can decrease the costs and create cells with higher energy and power density. 3) InP photonic technology is a key enabler of AI-driven data center compute capacity growth. InP-based designs offer scalable performance with greater energy efficiency. Lumentum remains at the forefront of this innovation, advancing next-generation InP photonic solutions that support power-efficient bandwidth scaling in optical interconnects.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

☑ Increased revenues resulting from increased demand for products and services

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

☑ Long-term

(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

☑ Likely (66–100%)

(3.6.1.12) Magnitude

Select from:

☑ Medium-high

(3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons

See "financial effect" column

(3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

☑ Yes

(3.6.1.21) Anticipated financial effect figure in the long-term - minimum (currency)

170000000

(3.6.1.22) Anticipated financial effect figure in the long-term – maximum (currency)

340000000

(3.6.1.23) Explanation of financial effect figures

Figures are estimated assuming a 2.5% - 5% increase in annual revenue due to breakthroughs in new markets over a 5-year period.

(3.6.1.24) Cost to realize opportunity

540000000

(3.6.1.25) Explanation of cost calculation

Costs are estimated based on a 10% increase to our R&D budget and a 25% increase to our SG&A budget over a 5-year period. See examples in Company-specific description

(3.6.1.26) Strategy to realize opportunity

The R&D costs to develop new capabilities, capital expenditures to set up production lines, operating costs to produce these components, and the creation and staffing of a new business unit with the organization could pose a significant cost to the business.
[Add row]

(3.6.2) Provide the amount and proportion of your financial metrics in the reporting year that are aligned with the substantive effects of environmental opportunities.

Climate change

(3.6.2.1) Financial metric

Select from:
☑ Revenue

(3.6.2.2) Amount of financial metric aligned with opportunities for this environmental issue (unit currency as selected in 1.2)

1358100000

(3.6.2.3) % of total financial metric aligned with opportunities for this environmental issue

Select from:
☑ 1-10%

(3.6.2.4) Explanation of financial figures

Calculated in 3..6.1 Revenue is calculated for provision of new products which are more energy efficient and development of new markets.

Water

(3.6.2.1) Financial metric

Select from:
☑ OPEX

(3.6.2.2) Amount of financial metric aligned with opportunities for this environmental issue (unit currency as selected in 1.2)

0

(3.6.2.3) % of total financial metric aligned with opportunities for this environmental issue

Select from:

☑ Less than 1%

(3.6.2.4) Explanation of financial figures

We are not able to provide financial metrics for this yet
[Add row]

C4. Governance

(4.1) Does your organization have a board of directors or an equivalent governing body?

(4.1.1) Board of directors or equivalent governing body

Select from:
☑ Yes

(4.1.2) Frequency with which the board or equivalent meets

Select from:
☑ Quarterly

(4.1.3) Types of directors your board or equivalent is comprised of

Select all that apply
☑ Executive directors or equivalent

(4.1.4) Board diversity and inclusion policy

Select from:
☑ Yes, and it is publicly available

(4.1.5) Briefly describe what the policy covers

Our Corporate Governance Guidelines are available on Lumentum's website and includes a section on diversity and processes when selected new candidates for the Board or Governance Committee.

(4.1.6) Attach the policy (optional)

2024 proxy.pdf
[Fixed row]

(4.1.1) Is there board-level oversight of environmental issues within your organization?

	Board-level oversight of this environmental issue	Primary reason for no board-level oversight of this environmental issue	Explain why your organization does not have board-level oversight of this environmental issue
Climate change	*Select from:* ☑ Yes	*Select from:*	*Rich text input [must be under 2500 characters]*

	Board-level oversight of this environmental issue	Primary reason for no board-level oversight of this environmental issue	Explain why your organization does not have board-level oversight of this environmental issue
Water	*Select from:* ☑ Yes	*Select from:*	*Rich text input [must be under 2500 characters]*
Biodiversity	*Select from:* ☑ No, and we do not plan to within the next two years	*Select from:* ☑ Not an immediate strategic priority	*This is not an immediate strategic priority however we are reviewing biodiversity at site level for sites with higher biodiversity considerations*

[Fixed row]

(4.1.2) Identify the positions (do not include any names) of the individuals or committees on the board with accountability for environmental issues and provide details of the board's oversight of environmental issues.

Climate change

(4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply

☑ Director on board

☑ Other C-Suite Officer

(4.1.2.2) Positions' accountability for this environmental issue is outlined in policies applicable to the board

Select from:

☑ Yes

(4.1.2.3) Policies which outline the positions' accountability for this environmental issue

Select all that apply

☑ Board Terms of Reference

☑ Board mandate

☑ Individual role descriptions

☑ Other policy applicable to the board, please specify

(4.1.2.4) Frequency with which this environmental issue is a scheduled agenda item

Select from:

☑ Scheduled agenda item in every board meeting (standing agenda item)

(4.1.2.5) Governance mechanisms into which this environmental issue is integrated

Select all that apply

☑ Approving corporate policies and/or commitments

☑ Overseeing the setting of corporate targets

☑ Monitoring progress towards corporate targets

☑ Approving and/or overseeing employee incentives

(4.1.2.7) Please explain

The EVP, Chief Operations and Quality Officer is responsible for oversight consistent with the policies and programs supporting our sustainability strategy. This includes energy and emissions strategy and target setting. For example, in FY20 our board requested climate-related goals and accepted our recommendations to implement short-term goals for the procurement of renewable electricity, and subsequently reduced emissions in certain business activities. In FY21, the board accepted the recommendation on the implementation of a net-zero target (scope 1 & 2) by 2030 for our business operations. In FY22, the board supported Lumentum's commitment to setting a science-based emission reduction target, in line with the Science Based Targets initiative (SBTi). The Sustainability Team develops the Sustainability strategy and drives performance within Lumentum, including our energy and emissions strategy and targets. The Sr. Director of Sustainability provides quarterly updates to the CEO and the Board of Directors on progress, challenges, and key initiatives. These regular updates serve as a mechanism for the highest governance body to review the effectiveness of our sustainability efforts and ensure alignment with our strategic priorities.

Water

(4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply

☑ Other C-Suite Officer

(4.1.2.2) Positions' accountability for this environmental issue is outlined in policies applicable to the board

Select from:

☑ Yes

(4.1.2.3) Policies which outline the positions' accountability for this environmental issue

Select all that apply

☑ Individual role descriptions

(4.1.2.4) Frequency with which this environmental issue is a scheduled agenda item

Select from:

☑ Scheduled agenda item in some board meetings – at least annually

(4.1.2.5) Governance mechanisms into which this environmental issue is integrated

Select all that apply

☑ Approving corporate policies and/or commitments

☑ Overseeing the setting of corporate targets

☑ Monitoring progress towards corporate targets

(4.1.2.7) Please explain

The Sustainability Team develops the Sustainability strategy and drives performance within Lumentum, including our water strategy and targets. The Sr. Director of Sustainability provides quarterly updates to the CEO and the Board of Directors on progress, challenges, and key initiatives. These regular updates serve as a mechanism for the highest governance body to review the effectiveness of our sustainability efforts and ensure alignment with our strategic priorities. The EVP, Chief Operations and Quality Officer overseas sustainability strategy including water strategy.
[Fixed row]

(4.2) Does your organization's board have competency on environmental issues?

Climate change

(4.2.1) Board-level competency on this environmental issue

Select from:
☑ Yes

(4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply
☑ Regular training for directors on environmental issues, industry best practice, and standards (e.g., TCFD, SBTi)
☑ Having at least one board member with expertise on this environmental issue

(4.2.3) Environmental expertise of the board member

Experience
☑ Executive-level experience in a role focused on environmental issues

Water

(4.2.1) Board-level competency on this environmental issue

Select from:
☑ Yes

(4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply
☑ Regular training for directors on environmental issues, industry best practice, and standards (e.g., TCFD, SBTi)
☑ Having at least one board member with expertise on this environmental issue

(4.2.3) Environmental expertise of the board member

Experience
☑ Executive-level experience in a role focused on environmental issues

[Fixed row]

(4.3) Is there management-level responsibility for environmental issues within your organization?

	Management-level responsibility for this environmental issue	Primary reason for no management-level responsibility for environmental issues	Explain why your organization does not have management-level responsibility for environmental issues
Climate change	*Select from:* ☑ Yes	*Select from:*	*Rich text input [must be under 2500 characters]*
Water	*Select from:* ☑ Yes	*Select from:*	*Rich text input [must be under 2500 characters]*
Biodiversity	*Select from:* ☑ No, but we plan to within the next two years	*Select from:* ☑ Not an immediate strategic priority	*Our Sustainability team are planning to undertake a basic analysis of biodiversity risks and opportunities across our sites during FY25.*

[Fixed row]

(4.3.1) Provide the highest senior management-level positions or committees with responsibility for environmental issues (do not include the names of individuals).

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Executive level
☑ Other C-Suite Officer, please specify

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities
☑ Assessing environmental dependencies, impacts, risks, and opportunities

Policies, commitments, and targets
☑ Monitoring compliance with corporate environmental policies and/or commitments
☑ Measuring progress towards environmental corporate targets
☑ Measuring progress towards environmental science-based targets
☑ Setting corporate environmental policies and/or commitments
☑ Setting corporate environmental targets

Strategy and financial planning

☑ Implementing the business strategy related to environmental issues

☑ Managing major capital and/or operational expenditures relating to environmental issues

(4.3.1.4) Reporting line

Select from:

☑ Reports to the Chief Executive Officer (CEO)

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

☑ Quarterly

(4.3.1.6) Please explain

The EVP Global Operations and Chief Quality Officer is responsible for the Sustainability department and overseas direction on sustainability strategy including Climate. The Governance Committee is responsible for oversight consistent with the policies and programs supporting our sustainability strategy. This includes energy and emissions strategy and target setting. For example, in FY20 our board requested climate-related goals and accepted our recommendations to implement short-term goals for the procurement of renewable electricity, and subsequently reduced emissions in certain business activities. In FY21, the board accepted the recommendation on the implementation of a net-zero target (scope 1 & 2) by 2030 for our business operations. In FY22, the board supported Lumentum's commitment to setting a science-based emission reduction target, in line with the Science Based Targets initiative (SBTi). The Sustainability Team develops the Sustainability strategy and drives performance within Lumentum, including our energy and emissions strategy and targets. The Sr. Director of Sustainability provides quarterly updates to the CEO and the Board of Directors on progress, challenges, and key initiatives. These regular updates serve as a mechanism for the highest governance body to review the effectiveness of our sustainability efforts and ensure alignment with our strategic priorities.

Water

(4.3.1.1) Position of individual or committee with responsibility

Executive level

☑ Other C-Suite Officer, please specify: Executive Vice President, Global Operations, and Chief Quality Officer

(4.3.1.2) Environmental responsibilities of this position

Policies, commitments, and targets

☑ Monitoring compliance with corporate environmental policies and/or commitments

☑ Measuring progress towards environmental corporate targets

☑ Setting corporate environmental targets

Strategy and financial planning

☑ Managing annual budgets related to environmental issues

(4.3.1.4) Reporting line

Select from:

☑ Reports to the Chief Executive Officer (CEO)

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

☑ Quarterly

(4.3.1.6) Please explain

Our Board of Directors provides oversight of Lumentum's strategy and approach to sustainability, including the management of impacts on the environment. Our dedicated Sustainability Team actively engages with departmental leads across the company to communicate and implement sustainability-related initiatives. The Sustainability Team is responsible for determining the relevance of emerging topics, developing associated action plans, and disseminating information related to sustainability at Lumentum to respective departments. This cross-functional collaboration spans Environment, Health, and Safety; Human Resources; Legal; Operations; Quality; Supply Chain; and Business Platforms and supports the identification and management of our most material sustainability topics. Department leads collaborate with the Sustainability Team to assess emerging topics and develop action plans. The Sustainability Team is also responsible for communicating sustainability priorities throughout the company. The Sr. Director of Sustainability provides quarterly updates to the CEO and the Board of Directors on progress, challenges, and key initiatives. These regular updates serve as a mechanism for the highest governance body to review the effectiveness of our sustainability efforts and ensure alignment with our strategic priorities. The Governance Committee of the Board is responsible for overseeing the policies and programs that support Lumentum's Sustainability strategy. The EVP, Chief Operations and Quality Officer overseas strategy on sustainability strategy including water strategy.
[Add row]

(4.5) Do you provide monetary incentives for the management of environmental issues, including the attainment of targets?

Climate change

(4.5.1) Provision of monetary incentives related to this environmental issue

Select from:

☑ Yes

(4.5.2) % of total C-suite and board-level monetary incentives linked to the management of this environmental issue

30

(4.5.3) Please explain

Performance stock units are granted to our named executive officers are eligible to vest based on achievements against a scorecard of performance metrics. The scorecard includes progress on an emissions intensity reduction target Lumentum executive compensation is tied to achieving our GHG emission Goals. 30% of the incentive is based on achievements against a scorecard of strategic and corporate responsibility metrics.

Water

(4.5.1) Provision of monetary incentives related to this environmental issue

Select from:

☑ No, and we do not plan to introduce them in the next two years

(4.5.3) Please explain

At present, we have prioritised our climate programme in terms of monetary incentives to named executive officers
[Fixed row]

(4.5.1) Provide further details on the monetary incentives provided for the management of environmental issues (do not include the names of individuals).

Climate change

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

☑ Board/Executive board

(4.5.1.2) Incentives

Select all that apply

☑ Shares

(4.5.1.3) Performance metrics

Targets

☑ Reduction in absolute emissions in line with net-zero target

Emission reduction

☑ Reduction in emissions intensity

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

☑ Both Short-Term and Long-Term Incentive Plan, or equivalent

(4.5.1.5) Further details of incentives

Performance stock units are granted to our named executive officers are eligible to vest based on achievements against a scorecard of performance metrics. The scorecard includes progress on an emissions intensity reduction target.

(4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

Lumentum executive compensation is tied to achieving our GHG emission Goals.

Climate change

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

☑ Chief Financial Officer (CFO)

(4.5.1.2) Incentives

Select all that apply

☑ Shares

(4.5.1.3) Performance metrics

Targets

☑ Reduction in absolute emissions in line with net-zero target

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

☑ Both Short-Term and Long-Term Incentive Plan, or equivalent

(4.5.1.5) Further details of incentives

Performance stock units are granted to our named executive officers are eligible to vest based on achievements against a scorecard of performance metrics. The scorecard includes progress on an emissions intensity reduction target.

(4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

Lumentum executive compensation is tied to achieving our GHG emission Goals.
[Add row]

(4.6) Does your organization have an environmental policy that addresses environmental issues?

	Does your organization have any environmental policies?
	Select from: ☑ Yes

[Fixed row]

(4.6.1) Provide details of your environmental policies.

Row 1

(4.6.1.1) Environmental issues covered

Select all that apply

☑ Climate change

(4.6.1.2) Level of coverage

Select from:

☑ Organization-wide

(4.6.1.3) Value chain stages covered

Select all that apply

☑ Direct operations

☑ Upstream value chain

(4.6.1.4) Explain the coverage

Our Global Environment, Health and Safety Policy states that we are committed to conservation and reducing greenhouse gas emissions, energy and water usage. Our Proxy states that as part of our commitment to a sustainable future, our goals regarding climate change include: -Lighten our environmental footprint by reducing our energy consumption, greenhouse gas (GHG) emissions, water consumption, and waste generation. -Commit to the procurement or generation of renewable energy at all sites. -Push the boundaries to design products and processes that deliver value and delight our customers. -Efficient products with the highest standards. -Net-zero GHG emissions from our global operations (Scope 1 and 2) by 2030 —Reduce GHG emissions intensity by 25% by fiscal 2024 from a fiscal 2021 baseline

(4.6.1.5) Environmental policy content

Climate-specific commitments

☑ Commitment to net-zero emissions

(4.6.1.6) Indicate whether your environmental policy is in line with global environmental treaties or policy goals

Select all that apply

☑ Yes, in line with the Paris Agreement

(4.6.1.7) Public availability

Select from:

☑ Publicly available

(4.6.1.8) Attach the policy

2024 proxy p18-20 (climate).pdf

Row 2

(4.6.1.1) Environmental issues covered

Select all that apply

☑ Water

(4.6.1.2) Level of coverage

Select from:

☑ Organization-wide

(4.6.1.3) Value chain stages covered

Select all that apply

☑ Direct operations

(4.6.1.4) Explain the coverage

Our Global EHS policy covers commitments to prevent pollution, eliminate the use of hazardous materials and conservation and reduction of water usage. The policy is publicly available on our website and applies to at an organisation wide level. Sites will have specific water related policies in addition this, as required under their environmental management systems and according to their site impacts.

(4.6.1.5) Environmental policy content

Environmental commitments

☑ Commitment to comply with regulations and mandatory standards

Water-specific commitments

☑ Commitment to reduce or phase out hazardous substances

☑ Commitment to control/reduce/eliminate water pollution

☑ Commitment to reduce water consumption volumes

☑ Commitment to reduce water withdrawal volumes

(4.6.1.6) Indicate whether your environmental policy is in line with global environmental treaties or policy goals

Select all that apply

☑ No, but we plan to align in the next two years

(4.6.1.7) Public availability

Select from:

☑ Publicly available

(4.6.1.8) Attach the policy

2024 proxy p18-20 climate water.pdf

Row 3

(4.6.1.1) Environmental issues covered

Select all that apply

☑ Water

(4.6.1.2) Level of coverage

Select from:

☑ Organization-wide

(4.6.1.3) Value chain stages covered

Select all that apply

☑ Direct operations

(4.6.1.4) Explain the coverage

Our CSR policy covers our commitments to the RBA Code of Conduct and to minimize environmental impacts. The policy's RBA commitments include committing to continuous improvement and ensuring compliance against obligations which would include water related issues.

(4.6.1.5) Environmental policy content

Environmental commitments

☑ Commitment to comply with regulations and mandatory standards

Social commitments

☑ Adoption of the UN International Labour Organization principles

☑ Commitment to respect internationally recognized human rights

(4.6.1.6) Indicate whether your environmental policy is in line with global environmental treaties or policy goals

Select all that apply

☑ No, but we plan to align in the next two years

(4.6.1.7) Public availability

Select from:

☑ Publicly available

(4.6.1.8) Attach the policy

2024 proxy p18-20 climate water.pdf
[Add row]

(4.10) Are you a signatory or member of any environmental collaborative frameworks or initiatives?

(4.10.1) Are you a signatory or member of any environmental collaborative frameworks or initiatives?

Select from:

☑ Yes

(4.10.2) Collaborative framework or initiative

Select all that apply

☑ Science-Based Targets Initiative (SBTi)

(4.10.3) Describe your organization's role within each framework or initiative

Lumentum committed to Science-based targets in June 2022, submitted for validation in June 2024, and received validation in November 2024 for Near -term and long-term 1.5 C aligned targets for Scope 1,2,3.
[Fixed row]

(4.11) In the reporting year, did your organization engage in activities that could directly or indirectly influence policy, law, or regulation that may (positively or negatively) impact the environment?

(4.11.1) External engagement activities that could directly or indirectly influence policy, law, or regulation that may impact the environment

Select all that apply

☑ Yes, we engaged indirectly through, and/or provided financial or in-kind support to a trade association or other intermediary organization or individual whose activities could influence policy, law, or regulation

(4.11.2) Indicate whether your organization has a public commitment or position statement to conduct your engagement activities in line with global environmental treaties or policy goals

Select from:

☑ Yes, we have a public commitment or position statement in line with global environmental treaties or policy goals

(4.11.3) Global environmental treaties or policy goals in line with public commitment or position statement

Select all that apply

☑ Paris Agreement

(4.11.4) Attach commitment or position statement

2024 proxy p18-20 climate water.pdf

(4.11.5) Indicate whether your organization is registered on a transparency register

Select from:

☑ No

(4.11.8) Describe the process your organization has in place to ensure that your external engagement activities are consistent with your environmental commitments and/or transition plan

The Sustainability team reviews engagement activities to ensure they are consistent with Lumentum environmental commitments. Within our Code of Business Conduct, Lumentum contributions to political parties, candidates or action committees is prohibited unless authorised by the CEO. Lumentum does not provide contributions to political parties, candidates or action committees. We have a public commitment to achieving Net-Zero Scope 1,2 by 2030 since 2019, this is in-line with the Paris Agreement and in the reporting year was submitted to SBTi for validation (committed June 2022, submitted for validation June 2024, received validation November 2024).
[Fixed row]

(4.11.2) Provide details of your indirect engagement on policy, law, or regulation that may (positively or negatively) impact the environment through trade associations or other intermediary organizations or individuals in the reporting year.

Row 1

(4.11.2.1) Type of indirect engagement

Select from:
☑ Indirect engagement via a trade association

(4.11.2.4) Trade association

Global
☑ Other global trade association, please specify

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply
☑ Climate change
☑ Water

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:
☑ Consistent

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

☑ Yes, we publicly promoted their current position

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

Environmental sustainability is one of the five pillars of RBA's Code of Conduct. It is the environmental mission of the RBA to ensure that its members and their suppliers are prepared to address an increasingly diverse and sensitive array of challenges around environmental performance, compliance and efficiency within electronics-based industries.

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

35000

(4.11.2.10) Describe the aim of this funding and how it could influence policy, law or regulation that may impact the environment

Lumentum's membership in the Responsible Business Alliance (RBA) supports the organization's mission to promote responsible business practices in global supply chains. This funding contributes to the development and implementation of industry-wide standards, tools, and collaborative initiatives that address environmental sustainability, labor rights, and ethical sourcing. By aligning with RBA's principles and participating in its working groups, Lumentum helps shape best practices and guidance that can influence corporate policies and industry expectations, which in turn may inform future regulatory frameworks and environmental legislation. With the ability to engage companies throughout supply chains, the RBA is uniquely positioned to drive environmentally sustainable progress.

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

☑ Yes, we have evaluated, and it is aligned

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

☑ Paris Agreement

[Add row]

(4.12) Have you published information about your organization's response to environmental issues for this reporting year in places other than your CDP response?

Select from:

☑ Yes

(4.12.1) Provide details on the information published about your organization's response to environmental issues for this reporting year in places other than your CDP response. Please attach the publication.

Row 1

(4.12.1.1) Publication

Select from:

☑ In voluntary sustainability reports

(4.12.1.3) Environmental issues covered in publication

Select all that apply

☑ Climate change

☑ Water

(4.12.1.4) Status of the publication

Select from:

☑ Complete

(4.12.1.5) Content elements

Select all that apply

☑ Strategy

☑ Emission targets

☑ Emissions figures

☑ Water accounting figures

☑ Water pollution indicators

☑ Content of environmental policies

☑ Risks & Opportunities

☑ Value chain engagement

(4.12.1.6) Page/section reference

Climate sections - pages 17, 19-21, 21-26 (product sustainability and LCA), 28, 59 Water - 17, 29-30, 59

(4.12.1.7) Attach the relevant publication

csr2024 PUBLISHED FINAL.pdf

(4.12.1.8) Comment

This report is published in accordance with GRI and SASB reporting standards

Row 2

(4.12.1.1) Publication

Select from:

☑ In mainstream reports, in line with environmental disclosure standards or frameworks

(4.12.1.2) Standard or framework the report is in line with

Select all that apply

☑ GRI

☑ TCFD

(4.12.1.3) Environmental issues covered in publication

Select all that apply

☑ Climate change

☑ Water

(4.12.1.4) Status of the publication

Select from:

☑ Complete

(4.12.1.5) Content elements

Select all that apply

☑ Governance

☑ Strategy

☑ Emissions figures

☑ Emission targets

☑ Water accounting figures

(4.12.1.6) Page/section reference

Page 17-18

(4.12.1.7) Attach the relevant publication

csr2024 PUBLISHED FINAL.pdf

(4.12.1.8) Comment

Both climate and water goals are included within our proxy report (Uploaded), we report to GRI and TCFD requirements in our CSR report (https://www.lumentum.com/en/company/sustainability)
[Add row]

C5. Business strategy

(5.1) Does your organization use scenario analysis to identify environmental outcomes?

Climate change

(5.1.1) Use of scenario analysis

Select from:
☑ Yes

(5.1.2) Frequency of analysis

Select from:
☑ Annually

Water

(5.1.1) Use of scenario analysis

Select from:
☑ Yes

(5.1.2) Frequency of analysis

Select from:
☑ Annually
[Fixed row]

(5.1.1) Provide details of the scenarios used in your organization's scenario analysis.

Climate change

(5.1.1.1) Scenario used

Physical climate scenarios
☑ RCP 2.6

(5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:
☑ No SSP used

(5.1.1.3) Approach to scenario

Select from:

☑ Qualitative and quantitative

(5.1.1.4) Scenario coverage

Select from:

☑ Facility

(5.1.1.5) Risk types considered in scenario

Select all that apply

☑ Acute physical

(5.1.1.6) Temperature alignment of scenario

Select from:

☑ 1.5°C or lower

(5.1.1.7) Reference year

2024

(5.1.1.8) Timeframes covered

Select all that apply

☑ 2025

☑ 2030

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

☑ Climate change (one of five drivers of nature change)

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

Lumentum has included scenario analysis in its assessment of physical risks. Lumentum references the Sixth Assessment Report (AR6), published by the Intergovernmental Panel on Climate Change (IPCC) to estimate long term climate change impacts in 2 scenarios. Currently scenario analysis has not been extended transitional risks other than what is described in C3.0.

(5.1.1.11) Rationale for choice of scenario

Lumentum selected low-emission scenarios (RCP2.6), which considers a climate of 1.5°C, and high emission scenarios (RCP-8.5), which considers a climate of 4°C, to analyze physical risks and assess the potential mid- and long-term risks in Lumentum facilities and supply chains. The Business Continuity Plan (BCP) on large production sites must assess the risks in line with these two scenarios.

Water

(5.1.1.1) Scenario used

Water scenarios

☑ WRI Aqueduct

(5.1.1.3) Approach to scenario

Select from:

☑ Qualitative

(5.1.1.4) Scenario coverage

Select from:

☑ Organization-wide

(5.1.1.5) Risk types considered in scenario

Select all that apply

☑ Acute physical

☑ Chronic physical

(5.1.1.7) Reference year

2024

(5.1.1.8) Timeframes covered

Select all that apply

☑ 2025

☑ 2050

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

☑ Changes to the state of nature

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

in FY24, we conducted basic water scenario analysis within our water risk assessment via WRI Aqueduct tool to identify the projected changing water stress risk under business as usual and pessimistic scenarios. This covered our organization and we will enhance this in FY25 by including contract manufacturers in scope. We particularly focused on the water stress risk within this analysis

(5.1.1.11) Rationale for choice of scenario

We chose business as usual and pessimistic scenarios to review as this has supported us in highlighting sites that could have a changing water stress risk in the future and how this integrates with our resilience and business strategy to shape future water related goals and priorities. We have predominately focused on the business as usual results at this point of time, but have noted all sites which could have changing water stress under either scenario. This has then been built into our risk assessment scoring to allow us to prioritise sites for water related goals and initiatives.

Climate change

(5.1.1.1) Scenario used

Physical climate scenarios

☑ RCP 8.5

(5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

☑ No SSP used

(5.1.1.3) Approach to scenario

Select from:

☑ Qualitative and quantitative

(5.1.1.4) Scenario coverage

Select from:

☑ Facility

(5.1.1.5) Risk types considered in scenario

Select all that apply

☑ Acute physical

(5.1.1.6) Temperature alignment of scenario

Select from:

☑ 4.0ºC and above

(5.1.1.7) Reference year

2024

(5.1.1.8) Timeframes covered

Select all that apply

☑ 2025

☑ 2030

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

☑ Climate change (one of five drivers of nature change)

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

Lumentum has included scenario analysis in its assessment of physical risks. Lumentum references the Sixth Assessment Report (AR6), published by the Intergovernmental Panel on Climate Change (IPCC) to estimate long term climate change impacts in 2 scenarios. Currently scenario analysis has not been extended transitional risks other than what is described in C3.0.

(5.1.1.11) Rationale for choice of scenario

Lumentum selected low-emission scenarios (RCP2.6), which considers a climate of 1.5°C, and high emission scenarios (RCP-8.5), which considers a climate of 4°C, to analyze physical risks and assess the potential mid- and long-term risks in Lumentum facilities and supply chains. The Business Continuity Plan (BCP) on large production sites must assess the risks in line with these two scenarios.
[Add row]

(5.1.2) Provide details of the outcomes of your organization's scenario analysis.

Climate change

(5.1.2.1) Business processes influenced by your analysis of the reported scenarios

Select all that apply
☑ Risk and opportunities identification, assessment and management
☑ Resilience of business model and strategy

(5.1.2.2) Coverage of analysis

Select from:
☑ Facility

(5.1.2.3) Summarize the outcomes of the scenario analysis and any implications for other environmental issues

The Business Continuity Plan (BCP) on large production sites must assess the risks in line with these two scenarios. The impact and response is quantified and allows sites to prioritise capital investment or operation strategy to improve resilience.

Water

(5.1.2.1) Business processes influenced by your analysis of the reported scenarios

Select all that apply
☑ Resilience of business model and strategy

(5.1.2.2) Coverage of analysis

Select from:
☑ Facility

(5.1.2.3) Summarize the outcomes of the scenario analysis and any implications for other environmental issues

In FY24, we conducted basic water scenario analysis within our water risk assessment via WRI Aqueduct tool to identify the projected changing water stress risk under business as usual and pessimistic scenarios. This covered our organization and we will enhance this in FY25 by including contract manufacturers in scope. We particularly focused on the water stress risk within this analysis
[Fixed row]

(5.2) Does your organization's strategy include a climate transition plan?

(5.2.1) Transition plan

Select from:
☑ No, but we are developing a climate transition plan within the next two years

(5.2.15) Primary reason for not having a climate transition plan that aligns with a 1.5°C world

Select from:
☑ Not an immediate strategic priority

(5.2.16) Explain why your organization does not have a climate transition plan that aligns with a 1.5°C world

In 2021, Lumentum committed to achieving net-zero Scope 1 and 2 GHG emissions by 2030. In the reporting year, we decided to broaden our impact and committed to setting near- and long-term company-wide emission reduction targets in line with the science-based standard for net-zero emissions from SBTi. As part of this effort, we completed a more comprehensive greenhouse gas inventory, including scope 3 emissions (extending purchased good and services, including upstream/downstream transportation and the use of sold products). We developed our transition plan to and submitted (June 2022) our Science Based targets to SBTi in calendar year 2024 which were approved in November 2024. In developing these targets, Lumentum assessed the required GHG reductions across its operations to align with to the 1.5 C scenario. This takes into account the current GHG inventory, geographical locations, potential investments into onsite solar power generation and what GHG reductions are required to meet a 1.5 C scenario. We have also improved our risk assessments to include physical climate risks under different climate scenarios. Lumentum has developed a climate transition plan in the reporting year which will be published in the following year.
[Fixed row]

(5.3) Have environmental risks and opportunities affected your strategy and/or financial planning?

(5.3.1) Environmental risks and/or opportunities have affected your strategy and/or financial planning

Select from:
☑ Yes, both strategy and financial planning

(5.3.2) Business areas where environmental risks and/or opportunities have affected your strategy

Select all that apply

☑ Products and services

☑ Upstream/downstream value chain

☑ Investment in R&D

☑ Operations

[Fixed row]

(5.3.1) Describe where and how environmental risks and opportunities have affected your strategy.

Products and services

(5.3.1.1) Effect type

Select all that apply

☑ Risks

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

☑ Climate change

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Lumentum customers are committing to carbon neutral and net zero targets and have started to engage their suppliers, like Lumentum, on collaborative opportunities to reduce emissions and to understand and influence their suppliers' climate ambitions. Lumentum recognizes that Scope 3 emissions, primarily from the use phase of our products, represent a significant share of our total GHG footprint. To address this, we are embedding sustainability considerations throughout the product development lifecycle, with R&D efforts focused on improving energy efficiency and setting targets to reduce energy usage per bit. Lumentum leverages multiple strategies to enhance the sustainability of its products, including: • Conducting climate assessments during the new product development process and performing LCA analysis on specific products • Developing new products with improved energy to deliver lower-power solutions for customers • Applying sustainable engineering design guidelines to support environmentally responsible product development • Reducing packaging and identifying logistics-related environmental improvements • Minimizing scrap and waste generation

Upstream/downstream value chain

(5.3.1.1) Effect type

Select all that apply

☑ Risks

☑ Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

☑ Climate change

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

We evaluated our top 80% of spend by commodity to determine where risk exists. We have moved to find alternate sources where certain commodities and current supply base only existed in one geographic location that could be exposed to potential climate-related extreme weather events

Investment in R&D

(5.3.1.1) Effect type

Select all that apply

☑ Risks

☑ Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

☑ Climate change

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Lumentum invests significant resources into R&D and the design process to ensure that manufacturing processes and products are innovative and energy efficient, thereby addressing any reputational risks of climate-related issues. In addition, we are increasing our attention on the environmental impacts of our products through their full life cycle.

Operations

(5.3.1.1) Effect type

Select all that apply

☑ Risks

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

☑ Climate change

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Our Enterprise Risk Management (ERM) identifies and evaluate risks that could impact our ability to achieve our objectives or threaten our operations, as well as assess management's preparedness to manage and mitigate

these risks. Climate-related risks and opportunities has influenced our setting of climate-related targets, with submitted (in reporting year) SBT targets (submitted November 2022, approved in November 2024), as well as Net Zero goals on Scope 1, 2 emissions. This has led to targets on purchase electricity from renewable sources and increasing focus on energy saving activities.

Operations

(5.3.1.1) Effect type

Select all that apply

☑ Risks

☑ Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

☑ Water

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Our corporate water withdrawals reduction goal is a first step in how we address water related risks and opportunities in our operations within our wider strategy. The aim of this is to reduce impacts of increased operational expenses through water usage and discharge and we are focused on sites with higher impacts or opportunities (higher water use or if operating in an area with an identified higher risk of water stress). We are also integrating water related risks within our enterprise risk management to identify risks such as flooding (linked to climate) within our site-level business continuity plans.
[Add row]

(5.3.2) Describe where and how environmental risks and opportunities have affected your financial planning.

Row 1

(5.3.2.1) Financial planning elements that have been affected

Select all that apply

☑ Direct costs

(5.3.2.2) Effect type

Select all that apply

☑ Risks

(5.3.2.3) Environmental issues relevant to the risks and/or opportunities that have affected these financial planning elements

Select all that apply

☑ Climate change

(5.3.2.4) Describe how environmental risks and/or opportunities have affected these financial planning elements

Our manufacturing processes entail the use of proprietary chemicals which are subject to atmospheric emissions controls and reporting. We allocate appropriate budget to ensure our operations remain in compliance with all regulations. Any changes in reporting requirements or allowable emissions could result in significant additional costs. We are aware of increasing energy costs and carbon pricing and taxation mechanisms and are investing in renewable energy and energy efficient operations.
[Add row]

(5.4) In your organization's financial accounting, do you identify spending/revenue that is aligned with your organization's climate transition?

	Identification of spending/revenue that is aligned with your organization's climate transition
	Select from: ☑ No, but we plan to in the next two years

[Fixed row]

(5.9) What is the trend in your organization's water-related capital expenditure (CAPEX) and operating expenditure (OPEX) for the reporting year, and the anticipated trend for the next reporting year?

(5.9.1) Water-related CAPEX (+/- % change)

-20

(5.9.2) Anticipated forward trend for CAPEX (+/- % change)

0

(5.9.3) Water-related OPEX (+/- % change)

-16

(5.9.4) Anticipated forward trend for OPEX (+/- % change)

10

(5.9.5) Please explain

Anticipate increased OPEX due to site expansions and development
[Fixed row]

(5.10) Does your organization use an internal price on environmental externalities?

	Use of internal pricing of environmental externalities	Primary reason for not pricing environmental externalities	Explain why your organization does not price environmental externalities
	Select from: ☑ No, but we plan to in the next two years	*Select from:* ☑ Lack of internal resources, capabilities, or expertise (e.g., due to organization size)	*We are reviewing the approach to using an internal carbon price.*

[Fixed row]

(5.11) Do you engage with your value chain on environmental issues?

Suppliers

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:

☑ Yes

(5.11.2) Environmental issues covered

Select all that apply

☑ Climate change

☑ Water

Customers

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:

☑ Yes

(5.11.2) Environmental issues covered

Select all that apply

☑ Climate change

☑ Water

Investors and shareholders

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:

☑ Yes

(5.11.2) Environmental issues covered

Select all that apply

☑ Climate change

☑ Water

Other value chain stakeholders

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:

☑ No, and we do not plan to within the next two years

(5.11.3) Primary reason for not engaging with this stakeholder on environmental issues

Select from:

☑ Not an immediate strategic priority

(5.11.4) Explain why you do not engage with this stakeholder on environmental issues

We have prioritized suppliers, customers and our employees for engagement at this stage on environmental issues.
[Fixed row]

(5.11.1) Does your organization assess and classify suppliers according to their dependencies and/or impacts on the environment?

Climate change

(5.11.1.1) Assessment of supplier dependencies and/or impacts on the environment

Select from:

☑ Yes, we assess the dependencies and/or impacts of our suppliers

(5.11.1.2) Criteria for assessing supplier dependencies and/or impacts on the environment

Select all that apply

☑ Contribution to supplier-related Scope 3 emissions

(5.11.1.3) % Tier 1 suppliers assessed

Select from:

☑ 1-25%

(5.11.1.4) Define a threshold for classifying suppliers as having substantive dependencies and/or impacts on the environment

We request our contract manufacturers and a selection of major suppliers to report their GHG emissions and to allocate their emissions to our products. Although this is a small % of Tier 1 suppliers assessed (by number), these suppliers were selected since they are a key part of the supply chain of our products (~53% of direct procurement spend.). By engaging with these suppliers, we can calculate and analyze the GHG emissions associated with scope 3 category 1 (purchased goods and services).

(5.11.1.5) % Tier 1 suppliers meeting the threshold for substantive dependencies and/or impacts on the environment

Select from:

☑ 1-25%

(5.11.1.6) Number of Tier 1 suppliers meeting the thresholds for substantive dependencies and/or impacts on the environment

9

Water

(5.11.1.1) Assessment of supplier dependencies and/or impacts on the environment

Select from:

☑ Yes, we assess the dependencies and/or impacts of our suppliers

(5.11.1.2) Criteria for assessing supplier dependencies and/or impacts on the environment

Select all that apply

☑ Basin/landscape condition

(5.11.1.3) % Tier 1 suppliers assessed

Select from:

☑ 76-99%

(5.11.1.4) Define a threshold for classifying suppliers as having substantive dependencies and/or impacts on the environment

For water-related issues, suppliers are classified as having substantive dependencies or impacts if they are assessed as having a high water-related risk in our supplier assessment. This classification is based on inherent risk indicators, such as geographic exposure identified through third-party indices like the WRI Water Stress Index.

(5.11.1.5) % Tier 1 suppliers meeting the threshold for substantive dependencies and/or impacts on the environment

Select from:

☑ 1-25%

(5.11.1.6) Number of Tier 1 suppliers meeting the thresholds for substantive dependencies and/or impacts on the environment

14
[Fixed row]

(5.11.2) Does your organization prioritize which suppliers to engage with on environmental issues?

Climate change

(5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:
☑ Yes, we prioritize which suppliers to engage with on this environmental issue

(5.11.2.2) Criteria informing which suppliers are prioritized for engagement on this environmental issue

Select all that apply
☑ Material sourcing
☑ Procurement spend

(5.11.2.4) Please explain

Lumentum requests its in-scope direct and indirect suppliers to sign Lumentum's Supplier Code of Conduct, which includes compliance with the RBA Code. While we do not directly prioritize which suppliers we prioritize engagement with on Climate. We use risk assessments and procurement spend to prioritize suppliers for engagement on all sustainability matters. Suppliers are required to adhere to the RBA Code of Conduct and we use a combination of tools created by RBA or internally to identify and prioritize suppliers based on their overall risk.

Water

(5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:
☑ Yes, we prioritize which suppliers to engage with on this environmental issue

(5.11.2.2) Criteria informing which suppliers are prioritized for engagement on this environmental issue

Select all that apply
☑ Material sourcing
☑ Procurement spend

(5.11.2.4) Please explain

While we do not directly prioritize which suppliers to engage with on water, we use risk assessments and procurement spend to prioritize suppliers for engagement on all sustainability matters, including water. Suppliers are required to adhere to the RBA Code of Conduct (which includes environmental management requirements and commitments) and we use a combination of tools created by RBA or internally to identify and prioritize suppliers based on their overall sustainability risk. From a water perspective, this includes third party indices relating to wastewater and water stress and storms, e.g. Water Stress Index (WRI), Flood Risk Index (WRI) and the Storm Risk Index (EMDAT and World Bank). Dependent on the output of these risk assessments, suppliers may also be requested to complete RBA Self-Assessment Questionnaires (SAQs) and we utilise the RBA Risk Assessment tools to help further evaluate and manage supplier risk.
[Fixed row]

(5.11.5) Do your suppliers have to meet environmental requirements as part of your organization's purchasing process?

Climate change

(5.11.5.1) Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process

Select from:
☑ Yes, environmental requirements related to this environmental issue are included in our supplier contracts

(5.11.5.2) Policy in place for addressing supplier non-compliance

Select from:
☑ Yes, we have a policy in place for addressing non-compliance

(5.11.5.3) Comment

Lumentum requests its in-scope direct and indirect suppliers to sign Lumentum's Supplier Code of Conduct, which includes compliance with the RBA Code. The RBA Code includes a requirement for companies to establish a GHG emissions inventory and an emissions reduction target. 95% of major (direct and indirect) suppliers have signed the Code of Conduct.

Water

(5.11.5.1) Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process

Select from:
☑ Yes, environmental requirements related to this environmental issue are included in our supplier contracts

(5.11.5.2) Policy in place for addressing supplier non-compliance

Select from:
☑ Yes, we have a policy in place for addressing non-compliance

(5.11.5.3) Comment

Our in-scope suppliers are required to sign and adhere to Lumentum's Supplier Code of Conduct which includes Responsible Business Alliance compliance. The RBA code includes commitments to environmental management, including water related issues.
[Fixed row]

(5.11.6) Provide details of the environmental requirements that suppliers have to meet as part of your organization's purchasing process, and the compliance measures in place.

Climate change

(5.11.6.1) Environmental requirement

Select from:
☑ Disclosure of GHG emissions to your organization (Scope 1 and 2)

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply
☑ Supplier scorecard or rating

(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement

Select from:
☑ 100%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:
☑ 76-99%

(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement

Select from:
☑ 100%

(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement

Select from:
☑ 76-99%

(5.11.6.9) Response to supplier non-compliance with this environmental requirement

Select from:

☑ Retain and engage

(5.11.6.10) % of non-compliant suppliers engaged

Select from:

☑ 76-99%

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

☑ Providing information on appropriate actions that can be taken to address non-compliance

(5.11.6.12) Comment

Lumentum requests its in-scope direct and indirect suppliers to sign Lumentum's Supplier Code of Conduct, which includes compliance with the RBA Code. The RBA Code includes a requirement for companies to establish a GHG emissions inventory and an emissions reduction target. Approximately 95% of major (direct and indirect) suppliers have signed the Code of Conduct.

Water

(5.11.6.1) Environmental requirement

Select from:

☑ Other, please specify :Responsible Business Alliance compliance

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

☑ Supplier scorecard or rating

(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement

Select from:

☑ 100%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:

☑ 76-99%

(5.11.6.5) % tier 1 suppliers with substantive environmental dependencies and/or impacts related to this environmental issue required to comply with this environmental requirement

Select from:

☑ 100%

(5.11.6.6) % tier 1 suppliers with substantive environmental dependencies and/or impacts related to this environmental issue that are in compliance with this environmental requirement

Select from:
☑ 76-99%

(5.11.6.9) Response to supplier non-compliance with this environmental requirement

Select from:
☑ Retain and engage

(5.11.6.10) % of non-compliant suppliers engaged

Select from:
☑ 76-99%

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply
☑ Assessing the efficacy and efforts of non-compliant supplier actions through consistent and quantified metrics
☑ Developing quantifiable, time-bound targets and milestones to bring suppliers back into compliance
☑ Providing information on appropriate actions that can be taken to address non-compliance

(5.11.6.12) Comment

Through our level one supplier risk assessment which targets our top 200 direct suppliers, we identified 31 suppliers in FY27 with a higher water risk and dependencies. This is based upon the inherent geographical risk and third-party indices such as WRI Water Risk Atlas, Flood Risk Index, etc. In line with our risk-based approach to sustainability due diligence, 14 of the 31 suppliers were required to complete additional sustainability assessments and completed the RBA self-assessment questionnaires for their corporate and facility level sites supplying to Lumentum. 86% suppliers required to complete this in FY24 did so, therefore we have logged this as 86% compliance for tier 1 suppliers identified with water-related dependencies against our requirements.
[Add row]

(5.11.7) Provide further details of your organization's supplier engagement on environmental issues.

Climate change

(5.11.7.2) Action driven by supplier engagement

Select from:
☑ Emissions reduction

(5.11.7.3) Type and details of engagement

Capacity building

☑ Provide training, support and best practices on how to measure GHG emissions

Information collection

☑ Collect GHG emissions data at least annually from suppliers

(5.11.7.4) Upstream value chain coverage

Select all that apply

☑ Tier 1 suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

☑ 51-75%

(5.11.7.6) % of tier 1 supplier-related scope 3 emissions covered by engagement

Select from:

☑ 1-25%

(5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action

We request our contract manufacturers (CM) and selected suppliers to report their GHG emissions and to allocate their emissions to our products. By engaging with these suppliers we can calculate and analyze the GHG emissions associated with scope 3 category 1 purchased goods and services. These suppliers were selected since they are a key part of the supply chain of our products and represent around ~53% of direct procurement spend and ~20% of scope 3.1 emissions. The engagement allows us to understand the GHG emissions allocated to Lumentum by our CMs and gain a more accurate picture of our extended operations and to better understand the impacts associated with our supplier GHG emissions. Our CMs are required to take annual refresher training on RBA topics which include aspects of environment, GHG assessment and mitigation as per the RBA's environment code requirements.

(5.11.7.10) Engagement is helping your tier 1 suppliers meet an environmental requirement related to this environmental issue

Select from:

☑ Yes, please specify the environmental requirement :To understand the GHG emissions allocated to Lumentum by our key suppliers/CM. This data allows Lumentum to gain a more accurate picture of our extended operations and to better understand the impacts associated with our suppliers.

(5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action

Select from:

☑ Unknown

Water

(5.11.7.2) Action driven by supplier engagement

Select from:

☑ Adaptation to climate change

(5.11.7.3) Type and details of engagement

Capacity building

☑ Provide training, support and best practices on how to mitigate environmental impact

(5.11.7.4) Upstream value chain coverage

Select all that apply

☑ Tier 1 suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

☑ 51-75%

(5.11.7.7) % tier 1 suppliers with substantive impacts and/or dependencies related to this environmental issue covered by engagement

Select from:

☑ 26-50%

(5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action

We ask our contract manufacturers to undergo RBA training as part of our commitment to the Responsible Business Alliance. This includes modules on environmental management including water management. As a result, our CMs have clear information about our environmental expectations on RBA compliance. Where appropriate we partner with suppliers to identify and manage potential risks and will ask for information on how they are managing risks such as flooding. In one instance, a contract manufacturer has moved to a higher floor in response to flood risk.

(5.11.7.10) Engagement is helping your tier 1 suppliers meet an environmental requirement related to this environmental issue

Select from:

☑ Yes, please specify the environmental requirement :RBA Compliance

(5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action

Select from:

☑ Unknown

[Add row]

(5.11.9) Provide details of any environmental engagement activity with other stakeholders in the value chain.

Climate change

(5.11.9.1) Type of stakeholder

Select from:

☑ Customers

(5.11.9.2) Type and details of engagement

Innovation and collaboration

☑ Run a campaign to encourage innovation to reduce environmental impacts

☑ Other innovation and collaboration, please specify

(5.11.9.3) % of stakeholder type engaged

Select from:

☑ 51-75%

(5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

☑ 26-50%

(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement

We currently fully respond to requests from 19 key customers through the CDP supply chain module disclosure process or directly, totalling 55% of total revenue and ~30% of Lumentum Scope1/2 emissions. We attribute our emissions to the customers as requested. Lumentum also engages with key customers and Lumentum's sustainability program is presented/communicated to key customers. We've selected this group because of their commitment to climate goals. We aim to support and enable their progress and we can clearly understand our expected performance via client scorecards.

(5.11.9.6) Effect of engagement and measures of success

a) Impact: We engage with our customers regularly during customer business reviews, sharing our commitment and strategy regarding our climate impact. We've found success in our efforts having been recognized positively by customers (2022:nominated by Cisco for Excellence in Sustainability. CY2023: sustainability award from NEC based on 2022) and seeing improvements in the supplier scorecards of our customers. In FY24 we received a Ecovadis Platinum rating and NewsWeek listed Lumentum as one of Americas most sustainable companies. We also were named a U.S/Canada Region 2024 top rated ESG company by Sustainalytics for the second consecutive year and have maintained an ISS Prime rating for 3 consecutive years. In 2024 we received the Nokia Diamond Award 2024 for Sustainability. This award recognizes demonstrable leadership commitment, along with concrete targets to help Nokia reach Net Zero based on Lumentum's commitment to science-based targets and 100% renewable electricity for Nokia products, and new innovations that save Nokia 50% on energy use. We provide annual updates via CDP disclosure. b) Measure of success: We see our increasing sustainability score in our customer scorecards as a measure of success. We also track the engagement with customers via

RBA On-line/sharing RBA SAQ/RBA VAP audit results. Our EcoVadis rating is also part of our scorecard by our customers. We respond to 100% of customer sustainability-related requests which is also a measure of success.

Water

(5.11.9.1) Type of stakeholder

Select from:

☑ Customers

(5.11.9.2) Type and details of engagement

Education/Information sharing

☑ Share information on environmental initiatives, progress and achievements

(5.11.9.3) % of stakeholder type engaged

Select from:

☑ 26-50%

(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement

We provide customers with information on our environmental initiatives progress and achievements in a variety of ways, including customer questionnaires and surveys. These usually include requests for information on our water accounting, any recent water-related projects or initiatives and our water related targets. We provide this information directly or through reporting requirements such as CDP Water Security. We also publish a public annual sustainability report that our customers can access with information on our sustainability initiatives throughout the year.

(5.11.9.6) Effect of engagement and measures of success

We measure success in this engagement through completion of customer questionnaires (scored and unscored), customer feedback, compliance and adherence to customer expectations and requirements and continued strengthening of customer relationships through demonstrating our sustainability approach. Some of our customers also use tools like Ecovadis for supplier engagement and monitoring, and our Ecovadis score (Platinum in FY4 for the second consecutive year) is another measure of success in this type of engagement. Newsweek listed Lumentum as one of Americas Most Sustainable Companies (ranked 104). We also were named a U.S and Canada Region 2024 top rated ESG company by Sustainalytics for the second consecutive year and have maintained an ISS Prime rating for three consecutive years. We see our increasing sustainability score in our customer scorecards as a measure of success and respond to 100% of customer sustainability-related requests which is also a measure of success.

Water

(5.11.9.1) Type of stakeholder

Select from:

☑ Investors and shareholders

(5.11.9.2) Type and details of engagement

Education/Information sharing

☑ Educate and work with stakeholders on understanding and measuring exposure to environmental risks

(5.11.9.3) % of stakeholder type engaged

Select from:

☑ Unknown

(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement

Through our materiality assessment process, we engage with investors and shareholders to identify and understand material topics. This is reported on within our Sustainability report and usually takes place every two years.

(5.11.9.6) Effect of engagement and measures of success

We have a broader and deeper understanding of material topics within our sustainability considerations and value chain. This helps shape our strategy and goals moving forward.

Climate change

(5.11.9.1) Type of stakeholder

Select from:

☑ Investors and shareholders

(5.11.9.2) Type and details of engagement

Education/Information sharing

☑ Educate and work with stakeholders on understanding and measuring exposure to environmental risks

(5.11.9.3) % of stakeholder type engaged

Select from:

☑ Unknown

(5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

☑ Unknown

(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement

Through our materiality assessment process, we engage with investors and shareholders to identify and understand material topics. This is reported on within our Sustainability report and usually takes place every two years.

(5.11.9.6) Effect of engagement and measures of success

We have a broader and deeper understanding of material topics within our sustainability considerations and value chain. This helps shape our strategy and goals moving forward.
[Add row]

(5.12) Indicate any mutually beneficial environmental initiatives you could collaborate on with specific CDP Supply Chain members.

(5.13) Has your organization already implemented any mutually beneficial environmental initiatives due to CDP Supply Chain member engagement?

	Environmental initiatives implemented due to CDP Supply Chain member engagement	Primary reason for not implementing environmental initiatives	Explain why your organization has not implemented any environmental initiatives
	Select from: ☑ No, but we plan to within the next two years	*Select from:* ☑ Lack of internal resources, capabilities, or expertise (e.g., due to organization size)	*We engage already with CDP supply chain members.*

[Fixed row]

C6. Environmental Performance - Consolidation Approach

(6.1) Provide details on your chosen consolidation approach for the calculation of environmental performance data.

Climate change

(6.1.1) Consolidation approach used

Select from:

☑ Operational control

(6.1.2) Provide the rationale for the choice of consolidation approach

Lumentum has the authority to introduce and implement its operating policies at the 29 sites included in the GHG inventory and thus has operational control

Water

(6.1.1) Consolidation approach used

Select from:

☑ Operational control

(6.1.2) Provide the rationale for the choice of consolidation approach

In line with our sustainability reporting and financial reporting, we have used the same consolidation processes for water accounting

Plastics

(6.1.1) Consolidation approach used

Select from:

☑ Operational control

(6.1.2) Provide the rationale for the choice of consolidation approach

In line with our sustainability reporting and financial reporting

Biodiversity

(6.1.1) Consolidation approach used

Select from:

☑ Operational control

(6.1.2) Provide the rationale for the choice of consolidation approach

In line with our sustainability reporting and financial reporting
[Fixed row]

C7. Environmental performance - Climate Change

(7.1) Is this your first year of reporting emissions data to CDP?

Select from:
☑ No

(7.1.1) Has your organization undergone any structural changes in the reporting year, or are any previous structural changes being accounted for in this disclosure of emissions data?

	Has there been a structural change?	Name of organization(s) acquired, divested from, or merged with	Details of structural change(s), including completion dates
	Select all that apply ☑ Yes, an acquisition	*Cloud Light Technology Limited*	*3 additional sites*

[Fixed row]

(7.1.2) Has your emissions accounting methodology, boundary, and/or reporting year definition changed in the reporting year?

	Change(s) in methodology, boundary, and/or reporting year definition?
	Select all that apply ☑ No

[Fixed row]

(7.1.3) Have your organization's base year emissions and past years' emissions been recalculated as a result of any changes or errors reported in 7.1.1 and/or 7.1.2?

(7.1.3.1) Base year recalculation

Select from:
☑ Yes

(7.1.3.2) Scope(s) recalculated

Select all that apply

☑ Scope 1

☑ Scope 2, location-based

☑ Scope 2, market-based

☑ Scope 3

(7.1.3.3) Base year emissions recalculation policy, including significance threshold

As per SBTi, the baseline emissions will be recalculated if any structural changes, company or site acquisition or divestments change the total emissions by 5%

(7.1.3.4) Past years' recalculation

Select from:

☑ Yes

[Fixed row]

(7.2) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.

Select all that apply

☑ The Greenhouse Gas Protocol: Scope 2 Guidance

☑ US EPA Emissions & Generation Resource Integrated Database (eGRID)

☑ The Greenhouse Gas Protocol: Corporate Value Chain (Scope 3) Standard

☑ The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)

☑ Defra Environmental Reporting Guidelines: Including streamlined energy and carbon reporting guidance, 2019

☑ Other, please specify :European Residual Mix Association of Issuing Bodies (AIB)

(7.3) Describe your organization's approach to reporting Scope 2 emissions.

	Scope 2, location-based	Scope 2, market-based	Comment
	Select from: ☑ We are reporting a Scope 2, location-based figure	*Select from:* ☑ We are reporting a Scope 2, market-based figure	*We report market- and location-based Scope 2 emissions in accordance with the GHG Protocol's Scope 2 guidance.*

[Fixed row]

(7.4) Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1, Scope 2 or Scope 3 emissions that are within your selected reporting boundary which are not included in your disclosure?

Select from:

☑ Yes

(7.4.1) Provide details of the sources of Scope 1, Scope 2, or Scope 3 emissions that are within your selected reporting boundary which are not included in your disclosure.

Row 1

(7.4.1.1) Source of excluded emissions

Some small sales or admin. offices have been excluded

(7.4.1.2) Scope(s) or Scope 3 category(ies)

Select all that apply
☑ Scope 2 (location-based)
☑ Scope 2 (market-based)

(7.4.1.4) Relevance of location-based Scope 2 emissions from this source

Select from:
☑ Emissions are not relevant

(7.4.1.5) Relevance of market-based Scope 2 emissions from this source

Select from:
☑ Emissions are not relevant

(7.4.1.8) Estimated percentage of total Scope 1+2 emissions this excluded source represents

1

(7.4.1.10) Explain why this source is excluded

Small offices which are leased with limited potential for improvement and very small footprint. The emissions are much less than 1%.

(7.4.1.11) Explain how you estimated the percentage of emissions this excluded source represents

Estimate of Scope 1,2 emissions based on other small Lumentum sites
[Add row]

(7.5) Provide your base year and base year emissions.

Scope 1

(7.5.1) Base year end

06/29/2022

(7.5.2) Base year emissions (metric tons CO2e)

9487

(7.5.3) Methodological details

Previously 9431 TCO2. Updated to include both Acquisition of Neophotics and Cloud Light Technology.

Scope 2 (location-based)

(7.5.1) Base year end

06/29/2022

(7.5.2) Base year emissions (metric tons CO2e)

74387

(7.5.3) Methodological details

Previously 64027 TCO2. Updated to include both Acquisition of Neophotics and Cloud Light Technology

Scope 2 (market-based)

(7.5.1) Base year end

06/29/2022

(7.5.2) Base year emissions (metric tons CO2e)

74037

(7.5.3) Methodological details

Previously 63677 TCO2. Updated to include both Acquisition of Neophotics and Cloud Light Technology

Scope 3 category 1: Purchased goods and services

(7.5.1) Base year end

06/29/2022

(7.5.2) Base year emissions (metric tons CO2e)

191579

(7.5.3) Methodological details

Previously 142725 TCO2. Updated to include both Acquisition of Neophotics and Cloud Light Technology.

Scope 3 category 2: Capital goods

(7.5.1) Base year end

06/29/2022

(7.5.2) Base year emissions (metric tons CO2e)

35603

(7.5.3) Methodological details

Previously 24921 TCO2. Updated to include both Acquisition of Neophotics and Cloud Light Technology.

Scope 3 category 3: Fuel-and-energy-related activities (not included in Scope 1 or 2)

(7.5.1) Base year end

06/29/2022

(7.5.2) Base year emissions (metric tons CO2e)

26731

(7.5.3) Methodological details

Previously 23372 TCO2. Updated to include both Acquisition of Neophotics and Cloud Light Technology.

Scope 3 category 4: Upstream transportation and distribution

(7.5.1) Base year end

06/29/2022

(7.5.2) Base year emissions (metric tons CO2e)

5760

(7.5.3) Methodological details

Includes both Acquisition of Neophotics and Cloud Light Technology.

Scope 3 category 5: Waste generated in operations

(7.5.1) Base year end

06/29/2022

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Calculated as less than 1% of Scope 3 emissions and may be included in future years

Scope 3 category 6: Business travel

(7.5.1) Base year end

06/29/2022

(7.5.2) Base year emissions (metric tons CO2e)

279

(7.5.3) Methodological details

Includes both Acquisition of Neophotics and Cloud Light Technology.

Scope 3 category 7: Employee commuting

(7.5.1) Base year end

06/29/2022

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Calculated as less than 1% of Scope 3 emissions and may be included in future years

Scope 3 category 8: Upstream leased assets

(7.5.1) Base year end

06/29/2022

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not Applicable

Scope 3 category 9: Downstream transportation and distribution

(7.5.1) Base year end

06/29/2022

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Included in Scope 3.4

Scope 3 category 10: Processing of sold products

(7.5.1) Base year end

06/29/2022

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Calculated as less than 1% of Scope 3 emissions and may be included iin future years

Scope 3 category 11: Use of sold products

(7.5.1) Base year end

06/29/2022

(7.5.2) Base year emissions (metric tons CO2e)

573124

(7.5.3) Methodological details

Updated

Scope 3 category 12: End of life treatment of sold products

(7.5.1) Base year end

06/29/2022

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Calculated as less than 1% of Scope 3 emissions and may be included iin future years

Scope 3 category 13: Downstream leased assets

(7.5.1) Base year end

06/29/2022

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not Applicable

Scope 3 category 14: Franchises

(7.5.1) Base year end

06/29/2022

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not Applicable

Scope 3 category 15: Investments

(7.5.1) Base year end

06/29/2022

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not Applicable

Scope 3: Other (upstream)

(7.5.1) Base year end

06/29/2022

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not Applicable

Scope 3: Other (downstream)

(7.5.1) Base year end

06/29/2022

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not Applicable
[Fixed row]

(7.6) What were your organization's gross global Scope 1 emissions in metric tons CO2e?

	Gross global Scope 1 emissions (metric tons CO2e)	End date	Methodological details
Reporting year	*8683*	*Date input [must be between [11/19/2015 - 11/19/2024]*	*Predominantly Natural Gas based on invoiced consumption*
Past year 1	*9813*	*06/29/2023*	*Predominantly Natural Gas based on invoiced consumption*

[Fixed row]

(7.7) What were your organization's gross global Scope 2 emissions in metric tons CO2e?

Reporting year

(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO2e)

68219

(7.7.2) Gross global Scope 2, market-based emissions (metric tons CO2e)

16529

(7.7.4) Methodological details

Based on invoiced electrical consumption

Past year 1

(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO2e)

67523

(7.7.2) Gross global Scope 2, market-based emissions (metric tons CO2e)

30598

(7.7.3) End date

03/05/2023

(7.7.4) Methodological details

Based on invoiced electrical consumption
[Fixed row]

(7.8) Account for your organization's gross global Scope 3 emissions, disclosing and explaining any exclusions.

Purchased goods and services

(7.8.1) Evaluation status

Select from:
☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

136428

(7.8.3) Emissions calculation methodology

Select all that apply
☑ Supplier-specific method
☑ Hybrid method
☑ Spend-based method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

20

(7.8.5) Please explain

Lumentum requests an allocation of scope 1,2, emissions from our contract manufacturers and scope 1,2 and upstream scope 3 emissions from selected suppliers which is around 55% of our direct spend (20% of emissions). The remaining spend is primarily for electronic and optical component manufacturers. We request an allocation of emissions from the top suppliers by spend with the intention to increase the coverage each year. Overall a hybrid approach is used which is a combination of a) Contract Manufacturer -allocated emissions b) Request to top suppliers for allocated emissions c) Spend-Based method used for remaining. The intention is that the Spend-based method will be increasingly replaced by direct allocation or LCA informed calculations each year.

Capital goods

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

44928

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Spend-based method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

A spend-based method is used to calculate the emissions based on capital expenditure in the reporting year. GHG Emissions relating to Capital goods in Lumentum are predominantly equipment and machinery purchase for manufacturing sites.

Fuel-and-energy-related activities (not included in Scope 1 or 2)

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

6041

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Supplier-specific method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

100

(7.8.5) Please explain

Emissions are calculated according to the GHG Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard, using emissions factors from US EPA and DEFRA for T&D and WTT (fuels, electricity, and grid loss) or equivalent. Calculations include AR5 global warming potentials.

Upstream transportation and distribution

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

2287

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Supplier-specific method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

100

(7.8.5) Please explain

Reports from Transport providers have been validated to comply with the GHG protocol. EcoTransIT methodology inline with GLEC. Well to Wheel emissions have been used

Waste generated in operations

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Waste generated in operations has been estimated at less than 1 % of total Scope 3 emissions. Waste streams in manufacture have a high level of re-use, recycle and recovery since it is predominantly electronic waste with minimal organic material: Lumentum will continue to improve its data accuracy in this area and include more accurately in future years. Lumentum also has ambitious goals of diverting 90% of our non-hazardous waste by FY27. For example our largest manufacturing site has a recycling rate of 90% on Non-hazardous waste.

Business travel

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

642

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Distance-based method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

100

(7.8.5) Please explain

Business Air travel mileage is reported by our business travel partner and includes air travel only. Hotels are considered a small % of total Scope 3 emissions and are currently excluded as per the GHG Protocol.

Employee commuting

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Employee commuting has been estimated at less than 1 % of the total Scope 3 emissions. We anticipate to improve our assessment and include this in future years.

Upstream leased assets

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Lumentum does not have leased assets that are not included in Scope 1/2 emissions

Downstream transportation and distribution

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

0

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Supplier-specific method

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

100

(7.8.5) Please explain

Downstream Transport (Air, Road, Sea) is included in Scope 3.4 by definition since Lumentum paid transport is included and Lumentum does not have retail facilities. Reports from Transport providers have been validated to comply with the GHG protocol. EcoTransIT methodology inline with GLEC.

Processing of sold products

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

Lumentum's products are subject to minimal further processing after sale and is less than 1% of scope 3 emissions. Verification according to ISO 14064-3:2019 and Greenhouse Gas Protocol Corporate Accounting and Reporting Standards.

Use of sold products

(7.8.1) Evaluation status

Select from:

☑ Relevant, calculated

(7.8.2) Emissions in reporting year (metric tons CO2e)

471126

(7.8.3) Emissions calculation methodology

Select all that apply

☑ Methodology for direct use phase emissions, please specify :Lifetime x Power x Lifetime for each product

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

100

(7.8.5) Please explain

Lumentum calculates the GHG emissions due to end-use for all products based on assumptions on Power Use (Watts) at the customer site, hours of use, assumed global emission factor and assumed lifetime. TCO2 End Use

Power Consumption x Hours of Use x lifetime x EF as per GHG Protocol Different assumptions are used for all products based on detailed discussions with Product Line Managers who have knowledge of the customer or direct discussion with the customer. A global emission factor is currently used since we can not control the distribution of products. Reductions due to market-based approaches at the customer site are not used (i.e. we do not reduce the electricity based emissions due to customer purchase of renewable energy) at the current time.

End of life treatment of sold products

(7.8.1) Evaluation status

Select from:

☑ Relevant, not yet calculated

(7.8.5) Please explain

Lumentum LCA analysis on key (Transport/Transmission) products has indicated that the end of life GHG emissions are not material.

Downstream leased assets

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

No Downstream leased assets

Franchises

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

No Franchises

Investments

(7.8.1) Evaluation status

Select from:

☑ Not relevant, explanation provided

(7.8.5) Please explain

No investments

Other (upstream)

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

No Other

Other (downstream)

(7.8.1) Evaluation status

Select from:
☑ Not relevant, explanation provided

(7.8.5) Please explain

No other
[Fixed row]

(7.8.1) Disclose or restate your Scope 3 emissions data for previous years.

Past year 1

(7.8.1.1) End date

06/29/2023

(7.8.1.2) Scope 3: Purchased goods and services (metric tons CO2e)

113533

(7.8.1.3) Scope 3: Capital goods (metric tons CO2e)

34531

(7.8.1.4) Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

11503

(7.8.1.5) Scope 3: Upstream transportation and distribution (metric tons CO2e)

4856

(7.8.1.6) Scope 3: Waste generated in operations (metric tons CO2e)

0

(7.8.1.7) Scope 3: Business travel (metric tons CO2e)

689

(7.8.1.8) Scope 3: Employee commuting (metric tons CO2e)

0

(7.8.1.9) Scope 3: Upstream leased assets (metric tons CO2e)

0

(7.8.1.10) Scope 3: Downstream transportation and distribution (metric tons CO2e)

0

(7.8.1.11) Scope 3: Processing of sold products (metric tons CO2e)

0

(7.8.1.12) Scope 3: Use of sold products (metric tons CO2e)

480992

(7.8.1.13) Scope 3: End of life treatment of sold products (metric tons CO2e)

0

(7.8.1.14) Scope 3: Downstream leased assets (metric tons CO2e)

0

(7.8.1.15) Scope 3: Franchises (metric tons CO2e)

0

(7.8.1.16) Scope 3: Investments (metric tons CO2e)

0

(7.8.1.17) Scope 3: Other (upstream) (metric tons CO2e)

0

(7.8.1.18) Scope 3: Other (downstream) (metric tons CO2e)

0

(7.8.1.19) Comment

Scope 3 emissions shown for last year
[Fixed row]

(7.9) Indicate the verification/assurance status that applies to your reported emissions.

	Verification/assurance status
Scope 1	*Select from:* ☑ Third-party verification or assurance process in place
Scope 2 (location-based or market-based)	*Select from:* ☑ Third-party verification or assurance process in place
Scope 3	*Select from:* ☑ Third-party verification or assurance process in place

[Fixed row]

(7.9.1) Provide further details of the verification/assurance undertaken for your Scope 1 emissions, and attach the relevant statements.

Row 1

(7.9.1.1) Verification or assurance cycle in place

Select from:
☑ Annual process

(7.9.1.2) Status in the current reporting year

Select from:
☑ Complete

(7.9.1.3) Type of verification or assurance

Select from:
☑ Limited assurance

(7.9.1.4) Attach the statement

ISO14064 Cert Lumentum p1.pdf

(7.9.1.5) Page/section reference

Statement attached for limited level of assurance according to ISO 14064-3:2019.

(7.9.1.6) Relevant standard

Select from:
☑ ISO14064-3

(7.9.1.7) Proportion of reported emissions verified (%)

100
[Add row]

(7.9.2) Provide further details of the verification/assurance undertaken for your Scope 2 emissions and attach the relevant statements.

Row 1

(7.9.2.1) Scope 2 approach

Select from:
☑ Scope 2 location-based

(7.9.2.2) Verification or assurance cycle in place

Select from:
☑ Annual process

(7.9.2.3) Status in the current reporting year

Select from:
☑ Complete

(7.9.2.4) Type of verification or assurance

Select from:
☑ Limited assurance

(7.9.2.5) Attach the statement

ISO14064 Cert Lumentum p1.pdf

(7.9.2.6) Page/ section reference

Statement attached for limited level of assurance according to ISO 14064-3:2019.

(7.9.2.7) Relevant standard

Select from:
☑ ISO14064-3

(7.9.2.8) Proportion of reported emissions verified (%)

100

Row 2

(7.9.2.1) Scope 2 approach

Select from:
☑ Scope 2 market-based

(7.9.2.2) Verification or assurance cycle in place

Select from:
☑ Annual process

(7.9.2.3) Status in the current reporting year

Select from:
☑ Complete

(7.9.2.4) Type of verification or assurance

Select from:
☑ Limited assurance

(7.9.2.5) Attach the statement

ISO14064 Cert Lumentum p1.pdf

(7.9.2.6) Page/ section reference

Statement attached for limited level of assurance according to ISO 14064-3:2019.

(7.9.2.7) Relevant standard

Select from:
☑ ISO14064-3

(7.9.2.8) Proportion of reported emissions verified (%)

100
[Add row]

(7.9.3) Provide further details of the verification/assurance undertaken for your Scope 3 emissions and attach the relevant statements.

Row 1

(7.9.3.1) Scope 3 category

Select all that apply
☑ Scope 3: Capital goods
☑ Scope 3: Upstream transportation and distribution

☑ Scope 3: Business travel

☑ Scope 3: Downstream transportation and distribution

☑ Scope 3: Employee commuting

☑ Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2)

☑ Scope 3: Use of sold products

☑ Scope 3: Purchased goods and services

(7.9.3.2) Verification or assurance cycle in place

Select from:

☑ Annual process

(7.9.3.3) Status in the current reporting year

Select from:

☑ Complete

(7.9.3.4) Type of verification or assurance

Select from:

☑ Limited assurance

(7.9.3.5) Attach the statement

ISO14064 Cert Lumentum p1.pdf

(7.9.3.6) Page/section reference

Statement attached for limited level of assurance according to ISO 14064-3:2019.

(7.9.3.7) Relevant standard

Select from:

☑ ISO14064-3

(7.9.3.8) Proportion of reported emissions verified (%)

100

[Add row]

(7.10) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?

Select from:

☑ Decreased

(7.10.1) Identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined), and for each of them specify how your emissions compare to the previous year.

Change in renewable energy consumption

(7.10.1.1) Change in emissions (metric tons CO2e)

20255

(7.10.1.2) Direction of change in emissions

Select from:
☑ Decreased

(7.10.1.3) Emissions value (percentage)

50

(7.10.1.4) Please explain calculation

6 new sites purchased renewable energy, and 2 implemented onsite solar (self-generation)

Other emissions reduction activities

(7.10.1.1) Change in emissions (metric tons CO2e)

2720

(7.10.1.2) Direction of change in emissions

Select from:
☑ Decreased

(7.10.1.3) Emissions value (percentage)

7

(7.10.1.4) Please explain calculation

Energy Efficiency

Divestment

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

No divestment

Acquisitions

(7.10.1.1) Change in emissions (metric tons CO2e)

9688

(7.10.1.2) Direction of change in emissions

Select from:
☑ Increased

(7.10.1.3) Emissions value (percentage)

24

(7.10.1.4) Please explain calculation

3 new sites

Mergers

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

No mergers

Change in output

(7.10.1.1) Change in emissions (metric tons CO2e)

1941

(7.10.1.2) Direction of change in emissions

Select from:
☑ Decreased

(7.10.1.3) Emissions value (percentage)

5

(7.10.1.4) Please explain calculation

Sites changing product production

Change in methodology

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

No significant changes

Change in boundary

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

No changes

Change in physical operating conditions

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

No changes

Unidentified

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

None

Other

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:
☑ No change

(7.10.1.3) Emissions value (percentage)

0

(7.10.1.4) Please explain calculation

None
[Fixed row]

(7.10.2) Are your emissions performance calculations in 7.10 and 7.10.1 based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?

Select from:
☑ Market-based

(7.12) Are carbon dioxide emissions from biogenic carbon relevant to your organization?

Select from:
☑ No

(7.15) Does your organization break down its Scope 1 emissions by greenhouse gas type?

Select from:
☑ Yes

(7.15.1) Break down your total gross global Scope 1 emissions by greenhouse gas type and provide the source of each used global warming potential (GWP).

Row 1

(7.15.1.1) Greenhouse gas

Select from:
☑ CO2

(7.15.1.2) Scope 1 emissions (metric tons of CO2e)

6094

(7.15.1.3) GWP Reference

Select from:
☑ IPCC Fifth Assessment Report (AR5 – 100 year)

Row 2

(7.15.1.1) Greenhouse gas

Select from:
☑ CH4

(7.15.1.2) Scope 1 emissions (metric tons of CO2e)

3.4

(7.15.1.3) GWP Reference

Select from:
☑ IPCC Fifth Assessment Report (AR5 – 100 year)

Row 3

(7.15.1.1) Greenhouse gas

Select from:
☑ N2O

(7.15.1.2) Scope 1 emissions (metric tons of CO2e)

3.8

(7.15.1.3) GWP Reference

Select from:
☑ IPCC Fifth Assessment Report (AR5 – 100 year)

Row 4

(7.15.1.1) Greenhouse gas

Select from:
☑ HFCs

(7.15.1.2) Scope 1 emissions (metric tons of CO2e)

1401

(7.15.1.3) GWP Reference

Select from:
☑ IPCC Fifth Assessment Report (AR5 – 100 year)

Row 5

(7.15.1.1) Greenhouse gas

Select from:
☑ PFCs

(7.15.1.2) Scope 1 emissions (metric tons of CO2e)

1043

(7.15.1.3) GWP Reference

Select from:

☑ IPCC Fifth Assessment Report (AR5 – 100 year)

Row 6

(7.15.1.1) Greenhouse gas

Select from:
☑ SF6

(7.15.1.2) Scope 1 emissions (metric tons of CO2e)

137.7

(7.15.1.3) GWP Reference

Select from:
☑ IPCC Fifth Assessment Report (AR5 – 100 year)
[Add row]

(7.16) Break down your total gross global Scope 1 and 2 emissions by country/area.

Brazil

(7.16.1) Scope 1 emissions (metric tons CO2e)

7.1

(7.16.2) Scope 2, location-based (metric tons CO2e)

134.7

(7.16.3) Scope 2, market-based (metric tons CO2e)

134.8

Canada

(7.16.1) Scope 1 emissions (metric tons CO2e)

297

(7.16.2) Scope 2, location-based (metric tons CO2e)

126.8

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

China

(7.16.1) Scope 1 emissions (metric tons CO2e)

386.5

(7.16.2) Scope 2, location-based (metric tons CO2e)

20627.194

(7.16.3) Scope 2, market-based (metric tons CO2e)

4666.875

Italy

(7.16.1) Scope 1 emissions (metric tons CO2e)

7.9

(7.16.2) Scope 2, location-based (metric tons CO2e)

62.3

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Japan

(7.16.1) Scope 1 emissions (metric tons CO2e)

3797.7

(7.16.2) Scope 2, location-based (metric tons CO2e)

11483.9

(7.16.3) Scope 2, market-based (metric tons CO2e)

11483.9

Republic of Korea

(7.16.1) Scope 1 emissions (metric tons CO2e)

0

(7.16.2) Scope 2, location-based (metric tons CO2e)

19.8

(7.16.3) Scope 2, market-based (metric tons CO2e)

19.8

Slovenia

(7.16.1) Scope 1 emissions (metric tons CO2e)

7.1

(7.16.2) Scope 2, location-based (metric tons CO2e)

314.4

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Switzerland

(7.16.1) Scope 1 emissions (metric tons CO2e)

6.6

(7.16.2) Scope 2, location-based (metric tons CO2e)

16.1

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Taiwan, China

(7.16.1) Scope 1 emissions (metric tons CO2e)

6

(7.16.2) Scope 2, location-based (metric tons CO2e)

223.3

(7.16.3) Scope 2, market-based (metric tons CO2e)

223.3

Thailand

(7.16.1) Scope 1 emissions (metric tons CO2e)

7.4

(7.16.2) Scope 2, location-based (metric tons CO2e)

26418.3

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

United Kingdom of Great Britain and Northern Ireland

(7.16.1) Scope 1 emissions (metric tons CO2e)

1149.4

(7.16.2) Scope 2, location-based (metric tons CO2e)

3061.6

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

United States of America

(7.16.1) Scope 1 emissions (metric tons CO2e)

3010.2

(7.16.2) Scope 2, location-based (metric tons CO2e)

5730.5

(7.16.3) Scope 2, market-based (metric tons CO2e)

0
[Fixed row]

(7.17) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.

Select all that apply
☑ By facility

(7.17.2) Break down your total gross global Scope 1 emissions by business facility.

Row 1

(7.17.2.1) Facility

Milan, Italy

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

7.9

(7.17.2.3) Latitude

45.60208

(7.17.2.4) Longitude

9.36132

Row 2

(7.17.2.1) Facility

Nanshan, China

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

13.3

(7.17.2.3) Latitude

22.56005

(7.17.2.4) Longitude

113.95217

Row 3

(7.17.2.1) Facility

San Jose - Rose Orchard, USA

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

2030.4

(7.17.2.3) Latitude

37.41431

(7.17.2.4) Longitude

-121.947988

Row 4

(7.17.2.1) Facility

Futian, China

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

75.9

(7.17.2.3) Latitude

22.54273

(7.17.2.4) Longitude

114.08543

Row 5

(7.17.2.1) Facility

Ottawa, Canada

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

297

(7.17.2.3) Latitude

45.29633

(7.17.2.4) Longitude

-75.71057

Row 6

(7.17.2.1) Facility

Tokyo, Japan

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

1.3

(7.17.2.3) Latitude

35.69407

(7.17.2.4) Longitude

139.68789

Row 7

(7.17.2.1) Facility

San Jose - Ridder 3, USA

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

16.9

(7.17.2.3) Latitude

37.38436

(7.17.2.4) Longitude

-121.90308

Row 8

(7.17.2.1) Facility

Navanakorn, Thailand

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

7.4

(7.17.2.3) Latitude

14.10478

(7.17.2.4) Longitude

100.60187

Row 9

(7.17.2.1) Facility

Caswell, UK

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

1144.7

(7.17.2.3) Latitude

52.15473

(7.17.2.4) Longitude

-1.04839

Row 10

(7.17.2.1) Facility

Sagamihara, Japan

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

2705.7

(7.17.2.3) Latitude

35.58318

(7.17.2.4) Longitude

139.37551

Row 11

(7.17.2.1) Facility

Škofljica, Slovenia

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

7.1

(7.17.2.3) Latitude

45.98273

(7.17.2.4) Longitude

14.57052

Row 12

(7.17.2.1) Facility

San Jose - Ridder 1, USA

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

219.2

(7.17.2.3) Latitude

37.38363

(7.17.2.4) Longitude

-121.90179

Row 13

(7.17.2.1) Facility

San Jose - Ridder 2, USA

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

62.3

(7.17.2.3) Latitude

37.38331

(7.17.2.4) Longitude

-121.90274

Row 14

(7.17.2.1) Facility

Paignton, UK

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

4.7

(7.17.2.3) Latitude

50.4144

(7.17.2.4) Longitude

-3.59056

Row 15

(7.17.2.1) Facility

Zurich, Switzerland

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

6.6

(7.17.2.3) Latitude

47.40058

(7.17.2.4) Longitude

8.45059

Row 16

(7.17.2.1) Facility

Taipei, Taiwan

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

0.3

(7.17.2.3) Latitude

25.0133

(7.17.2.4) Longitude

121.4676

Row 17

(7.17.2.1) Facility

Dongguan, China (Neo)

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

128.4

(7.17.2.3) Latitude

22.7763

(7.17.2.4) Longitude

113.75291

Row 18

(7.17.2.1) Facility

Shenzhen, China (Neo)

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

140

(7.17.2.3) Latitude

22.5243

(7.17.2.4) Longitude

113.95274

Row 19

(7.17.2.1) Facility

Wuhan, China

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

5.6

(7.17.2.3) Latitude

30.48768

(7.17.2.4) Longitude

114.44247

Row 20

(7.17.2.1) Facility

Takao, Japan

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

1090.6

(7.17.2.3) Latitude

35.6435

(7.17.2.4) Longitude

139.29128

Row 21

(7.17.2.1) Facility

Ottawa, Canada (Neo)

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

0

(7.17.2.3) Latitude

45.352029

(7.17.2.4) Longitude

-75.918671

Row 22

(7.17.2.1) Facility

Zanker, USA

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

652.3

(7.17.2.3) Latitude

37.3965

(7.17.2.4) Longitude

-121.93101

Row 23

(7.17.2.1) Facility

Zanker, USA

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

24.3

(7.17.2.3) Latitude

37.3965

(7.17.2.4) Longitude

-121.93101

Row 24

(7.17.2.1) Facility

Dallas

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

4.8

(7.17.2.3) Latitude

32.80667

(7.17.2.4) Longitude

-96.7999

Row 25

(7.17.2.1) Facility

Brazil

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

7.1

(7.17.2.3) Latitude

-22.8383

(7.17.2.4) Longitude

-47.03473

Row 26

(7.17.2.1) Facility

China-Dongguan (CL)

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

21.8

(7.17.2.3) Latitude

22.77665

(7.17.2.4) Longitude

113.75175

Row 27

(7.17.2.1) Facility

China-Hong Kong (CL)

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

1.2

(7.17.2.3) Latitude

22.77665

(7.17.2.4) Longitude

114.23195

Row 28

(7.17.2.1) Facility

Taiwan-Taipei (CL)

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

0.3

(7.17.2.3) Latitude

24.9964

(7.17.2.4) Longitude

121.4866

Row 29

(7.17.2.1) Facility

Seongnam, Korea

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

0.3

(7.17.2.3) Latitude

37.444916

(7.17.2.4) Longitude

127.138868
[Add row]

(7.20) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.

Select all that apply
☑ By facility

(7.20.2) Break down your total gross global Scope 2 emissions by business facility.

Row 1

(7.20.2.1) Facility

Tokyo, Japan

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

7

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

7

Row 2

(7.20.2.1) Facility

Taipei, Taiwan

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

200.3

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

200.3

Row 3

(7.20.2.1) Facility

San Jose - Ridder 1, USA

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

233.1

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 4

(7.20.2.1) Facility

Seongnam, Korea

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

19.8

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

19.8

Row 5

(7.20.2.1) Facility

Nanshan, China

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

493.3

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 6

(7.20.2.1) Facility

Milan, Italy

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

62.3

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 7

(7.20.2.1) Facility

Zurich, Switzerland

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

16.1

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 8

(7.20.2.1) Facility

Caswell, UK

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

2981.1

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 9

(7.20.2.1) Facility

Futian, China

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

8244.8

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 10

(7.20.2.1) Facility

San Jose - Rose Orchard, USA

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

2126.3

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 11

(7.20.2.1) Facility

Sagamihara, Japan

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

5988.4

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

5988.4

Row 12

(7.20.2.1) Facility

San Jose - Ridder 3, USA

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

84.8

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 13

(7.20.2.1) Facility

Navanakorn, Thailand

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

26418.3

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 14

(7.20.2.1) Facility

Škofljica, Slovenia

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

314.4

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 15

(7.20.2.1) Facility

San Jose - Ridder 2, USA

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

1506.9

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 16

(7.20.2.1) Facility

Ottawa, Canada

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

126.8

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 17

(7.20.2.1) Facility

Paignton, UK

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

80.5

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 18

(7.20.2.1) Facility

Dongguan, China (neo)

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

1125.9

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

1125.9

Row 19

(7.20.2.1) Facility

Shenzhen, China (neo)

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

3207.9

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

3207.9

Row 20

(7.20.2.1) Facility

Wuhan, China

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

273.8

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

273.8

Row 21

(7.20.2.1) Facility

Takao, Japan

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

5488.5

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

5488.5

Row 22

(7.20.2.1) Facility

Ottawa, Canada (Neo)

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

0

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 23

(7.20.2.1) Facility

Zanker 2911, USA

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

1376.4

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 24

(7.20.2.1) Facility

Zanker 3081, USA

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

176

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 25

(7.20.2.1) Facility

Dallas, USA

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

227

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 26

(7.20.2.1) Facility

Brazil

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

134.7

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

134.8

Row 27

(7.20.2.1) Facility

China-Dongguan (CL)

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

7222.2

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

0

Row 28

(7.20.2.1) Facility

China-Hong Kong (CL)

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

59.3

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

59.3

Row 29

(7.20.2.1) Facility

Taiwan-Taipei (CL)

(7.20.2.2) Scope 2, location-based (metric tons CO2e)

23

(7.20.2.3) Scope 2, market-based (metric tons CO2e)

23
[Add row]

(7.22) Break down your gross Scope 1 and Scope 2 emissions between your consolidated accounting group and other entities included in your response.

Consolidated accounting group

(7.22.1) Scope 1 emissions (metric tons CO2e)

8683

(7.22.2) Scope 2, location-based emissions (metric tons CO2e)

68219

(7.22.3) Scope 2, market-based emissions (metric tons CO2e)

16529

(7.22.4) Please explain

As per total inventory

All other entities

(7.22.1) Scope 1 emissions (metric tons CO2e)

0

(7.22.2) Scope 2, location-based emissions (metric tons CO2e)

0

(7.22.3) Scope 2, market-based emissions (metric tons CO2e)

0

(7.22.4) Please explain

Not Applicable
[Fixed row]

(7.23) Is your organization able to break down your emissions data for any of the subsidiaries included in your CDP response?

Select from:
☑ Not relevant as we do not have any subsidiaries

(7.27) What are the challenges in allocating emissions to different customers, and what would help you to overcome these challenges?

Row 1

(7.27.1) Allocation challenges

Select from:
☑ Diversity of product lines makes accurately accounting for each product/product line cost ineffective

(7.27.2) Please explain what would help you overcome these challenges

Lumentum is increasing its focus on quantifying the contribution of GHG to different product lines which will improve the allocation based on revenue.
[Add row]

(7.28) Do you plan to develop your capabilities to allocate emissions to your customers in the future?

	Do you plan to develop your capabilities to allocate emissions to your customers in the future?	Describe how you plan to develop your capabilities
	Select from: ☑ Yes	*Lumentum is improving its assessment of upstream emissions and allocation to products, We expect a year by year improvement.*

[Fixed row]

(7.29) What percentage of your total operational spend in the reporting year was on energy?

Select from:

☑ More than 0% but less than or equal to 5%

(7.30) Select which energy-related activities your organization has undertaken.

	Indicate whether your organization undertook this energy-related activity in the reporting year
Consumption of fuel (excluding feedstocks)	*Select from:* ☑ Yes
Consumption of purchased or acquired electricity	*Select from:* ☑ Yes
Consumption of purchased or acquired heat	*Select from:* ☑ No
Consumption of purchased or acquired steam	*Select from:* ☑ No
Consumption of purchased or acquired cooling	*Select from:* ☑ No
Generation of electricity, heat, steam, or cooling	*Select from:* ☑ Yes

[Fixed row]

(7.30.1) Report your organization's energy consumption totals (excluding feedstocks) in MWh.

Consumption of fuel (excluding feedstock)

(7.30.1.1) Heating value

Select from:

☑ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

0

(7.30.1.3) MWh from non-renewable sources

33057

(7.30.1.4) Total (renewable + non-renewable) MWh

33057.00

Consumption of purchased or acquired electricity

(7.30.1.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

130136.8

(7.30.1.3) MWh from non-renewable sources

33670.6

(7.30.1.4) Total (renewable + non-renewable) MWh

163807.40

Consumption of self-generated non-fuel renewable energy

(7.30.1.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

3107

(7.30.1.4) Total (renewable + non-renewable) MWh

3107.00

Total energy consumption

(7.30.1.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

133248

(7.30.1.3) MWh from non-renewable sources

66727.6

(7.30.1.4) Total (renewable + non-renewable) MWh

199975.60
[Fixed row]

(7.30.6) Select the applications of your organization's consumption of fuel.

	Indicate whether your organization undertakes this fuel application
Consumption of fuel for the generation of electricity	*Select from:* ☑ No
Consumption of fuel for the generation of heat	*Select from:* ☑ Yes
Consumption of fuel for the generation of steam	*Select from:* ☑ No
Consumption of fuel for the generation of cooling	*Select from:* ☑ No
Consumption of fuel for co-generation or tri-generation	*Select from:* ☑ No

[Fixed row]

(7.30.7) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.

Sustainable biomass

(7.30.7.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

0

(7.30.7.8) Comment

No materially significant Biomass is used

Other biomass

(7.30.7.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

0

(7.30.7.8) Comment

No Biomass is used

Other renewable fuels (e.g. renewable hydrogen)

(7.30.7.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

0

(7.30.7.8) Comment

No renewable fuels

Coal

(7.30.7.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

0

(7.30.7.8) Comment

No Coal

Oil

(7.30.7.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

1686

(7.30.7.8) Comment

Fuel consumed for self-generation is for backup generation sets and heating (one site only).

Gas

(7.30.7.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

31371

(7.30.7.8) Comment

Natural Gas consumption for heating. Heating Value varies by source

Other non-renewable fuels (e.g. non-renewable hydrogen)

(7.30.7.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

0

(7.30.7.8) Comment

Not applicable

Total fuel

(7.30.7.1) Heating value

Select from:
☑ Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

33057

(7.30.7.8) Comment

Heating Value varies by source
[Fixed row]

(7.30.9) Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed in the reporting year.

Electricity

(7.30.9.1) Total Gross generation (MWh)

3107

(7.30.9.2) Generation that is consumed by the organization (MWh)

3107

(7.30.9.3) Gross generation from renewable sources (MWh)

3107

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

3107

Heat

(7.30.9.1) Total Gross generation (MWh)

0

(7.30.9.2) Generation that is consumed by the organization (MWh)

0

(7.30.9.3) Gross generation from renewable sources (MWh)

0

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

0

Steam

(7.30.9.1) Total Gross generation (MWh)

0

(7.30.9.2) Generation that is consumed by the organization (MWh)

0

(7.30.9.3) Gross generation from renewable sources (MWh)

0

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

0

Cooling

(7.30.9.1) Total Gross generation (MWh)

0

(7.30.9.2) Generation that is consumed by the organization (MWh)

0

(7.30.9.3) Gross generation from renewable sources (MWh)

0

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

0
[Fixed row]

(7.30.14) Provide details on the electricity, heat, steam, and/or cooling amounts that were accounted for at a zero or near-zero emission factor in the market-based Scope 2 figure reported in 7.7.

Row 1

(7.30.14.1) Country/area

Select from:
☑ Canada

(7.30.14.2) Sourcing method

Select from:
☑ Other, please specify :xxxxx

(7.30.14.3) Energy carrier

Select from:
☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:
☑ Hydropower (capacity unknown)

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

4225

(7.30.14.6) Tracking instrument used

Select from:
☑ US-REC

(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:
☑ Canada

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:
☑ Yes

(7.30.14.9) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2020

(7.30.14.10) Comment

Commissioning date 1990-2020 Green-e certified, Eco-Logo certified.

Row 2

(7.30.14.1) Country/area

Select from:
☑ United Kingdom of Great Britain and Northern Ireland

(7.30.14.2) Sourcing method

Select from:
☑ Default delivered electricity from the grid (e.g. standard product offering by an energy supplier), supported by energy attribute certificates

(7.30.14.3) Energy carrier

Select from:
☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:

☑ Renewable energy mix, please specify :100% renewable sources, Solar, Wind and Hydro

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

14785

(7.30.14.6) Tracking instrument used

Select from:

☑ REGO

(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

☑ United Kingdom of Great Britain and Northern Ireland

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

☑ No

(7.30.14.10) Comment

100 percent Renewable, Solar, Hydro, Wind. Green electricity supply-commissioning date is not available due to mix of products

Row 3

(7.30.14.1) Country/area

Select from:

☑ Slovenia

(7.30.14.2) Sourcing method

Select from:

☑ Default delivered electricity from the grid (e.g. standard product offering by an energy supplier), supported by energy attribute certificates

(7.30.14.3) Energy carrier

Select from:

☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:

☑ Sustainable biomass

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

1387

(7.30.14.6) Tracking instrument used

Select from:
☑ GO

(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:
☑ Slovenia

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:
☑ No

(7.30.14.10) Comment

Very small volume. Commissioning date not available since bundled with contract.

Row 4

(7.30.14.1) Country/area

Select from:
☑ Italy

(7.30.14.2) Sourcing method

Select from:
☑ Default delivered electricity from the grid (e.g. standard product offering by an energy supplier), supported by energy attribute certificates

(7.30.14.3) Energy carrier

Select from:
☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:
☑ Large hydropower (>25 MW)

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

227

(7.30.14.6) Tracking instrument used

Select from:
☑ GO

(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:
☑ Italy

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:
☑ No

(7.30.14.10) Comment

Very small volume. Commissioning date not available since bundled with contract.

Row 5

(7.30.14.1) Country/area

Select from:
☑ Switzerland

(7.30.14.2) Sourcing method

Select from:
☑ Retail supply contract with an electricity supplier (retail green electricity)

(7.30.14.3) Energy carrier

Select from:
☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:
☑ Hydropower (capacity unknown)

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

650

(7.30.14.6) Tracking instrument used

Select from:
☑ Contract

(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:
☑ Switzerland

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:
☑ No

(7.30.14.10) Comment

Green electricity supply-commissioning date is not available due to mix of products

Row 6

(7.30.14.1) Country/area

Select from:
☑ Thailand

(7.30.14.2) Sourcing method

Select from:
☑ Unbundled procurement of energy attribute certificates (EACs)

(7.30.14.3) Energy carrier

Select from:
☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:
☑ Wind

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

56351

(7.30.14.6) Tracking instrument used

Select from:
☑ I-REC

(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:
☑ Thailand

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:
☑ Yes

(7.30.14.9) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2019

(7.30.14.10) Comment

Locally Sourced iREC from Thailand Wind farms

Row 7

(7.30.14.1) Country/area

Select from:
☑ United States of America

(7.30.14.2) Sourcing method

Select from:
☑ Unbundled procurement of energy attribute certificates (EACs)

(7.30.14.3) Energy carrier

Select from:
☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:
☑ Wind

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

1089

(7.30.14.6) Tracking instrument used

Select from:
☑ US-REC

(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:
☑ United States of America

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:
☑ Yes

(7.30.14.9) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2010

(7.30.14.10) Comment

Green-e certified REC

Row 8

(7.30.14.1) Country/area

Select from:
☑ United States of America

(7.30.14.2) Sourcing method

Select from:
☑ Unbundled procurement of energy attribute certificates (EACs)

(7.30.14.3) Energy carrier

Select from:
☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:
☑ Renewable energy mix, please specify :San Jose Green, 100% Wind

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

23906

(7.30.14.6) Tracking instrument used

Select from:
☑ US-REC

(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:
☑ United States of America

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:
☑ No

(7.30.14.10) Comment

San Jose Green, 100% Wind

Row 9

(7.30.14.1) Country/area

Select from:
☑ China

(7.30.14.2) Sourcing method

Select from:
☑ Unbundled procurement of energy attribute certificates (EACs)

(7.30.14.3) Energy carrier

Select from:
☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:
☑ Wind

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

11827

(7.30.14.6) Tracking instrument used

Select from:
☑ I-REC

(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:
☑ China

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:
☑ Yes

(7.30.14.9) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2021

(7.30.14.10) Comment

Locally Sourced iREC from China Wind farms

Row 10

(7.30.14.1) Country/area

Select from:
☑ China

(7.30.14.2) Sourcing method

Select from:
☑ Unbundled procurement of energy attribute certificates (EACs)

(7.30.14.3) Energy carrier

Select from:
☑ Electricity

(7.30.14.4) Low-carbon technology type

Select from:
☑ Wind

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

14277

(7.30.14.6) Tracking instrument used

Select from:
☑ I-REC

(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:
☑ China

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:
☑ Yes

(7.30.14.9) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2021

(7.30.14.10) Comment

Locally Sourced iREC from China Wind farms
[Add row]

(7.30.16) Provide a breakdown by country/area of your electricity/heat/steam/cooling consumption in the reporting year.

Brazil

(7.30.16.1) Consumption of purchased electricity (MWh)

1174.9

(7.30.16.2) Consumption of self-generated electricity (MWh)

0

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

1174.90

Canada

(7.30.16.1) Consumption of purchased electricity (MWh)

4225

(7.30.16.2) Consumption of self-generated electricity (MWh)

0

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

4225.00

China

(7.30.16.1) Consumption of purchased electricity (MWh)

33614

(7.30.16.2) Consumption of self-generated electricity (MWh)

0

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

33614.00

Italy

(7.30.16.1) Consumption of purchased electricity (MWh)

227.5

(7.30.16.2) Consumption of self-generated electricity (MWh)

0

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

227.50

Japan

(7.30.16.1) Consumption of purchased electricity (MWh)

24444.5

(7.30.16.2) Consumption of self-generated electricity (MWh)

0

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

24444.50

Republic of Korea

(7.30.16.1) Consumption of purchased electricity (MWh)

42.9

(7.30.16.2) Consumption of self-generated electricity (MWh)

0

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

42.90

Slovenia

(7.30.16.1) Consumption of purchased electricity (MWh)

1387.4

(7.30.16.2) Consumption of self-generated electricity (MWh)

273

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

1660.40

Switzerland

(7.30.16.1) Consumption of purchased electricity (MWh)

650.1

(7.30.16.2) Consumption of self-generated electricity (MWh)

0

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

650.10

Taiwan, China

(7.30.16.1) Consumption of purchased electricity (MWh)

401.2

(7.30.16.2) Consumption of self-generated electricity (MWh)

0

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

401.20

Thailand

(7.30.16.1) Consumption of purchased electricity (MWh)

56350.8

(7.30.16.2) Consumption of self-generated electricity (MWh)

2504

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

58854.80

United Kingdom of Great Britain and Northern Ireland

(7.30.16.1) Consumption of purchased electricity (MWh)

14784.8

(7.30.16.2) Consumption of self-generated electricity (MWh)

0

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

14784.80

United States of America

(7.30.16.1) Consumption of purchased electricity (MWh)

26407.1

(7.30.16.2) Consumption of self-generated electricity (MWh)

329

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

0

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

26736.10
[Fixed row]

(7.45) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO2e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.

Row 1

(7.45.1) Intensity figure

0.00001856

(7.45.2) Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)

25212

(7.45.3) Metric denominator

Select from:
☑ unit total revenue

(7.45.4) Metric denominator: Unit total

1358100000

(7.45.5) Scope 2 figure used

Select from:
☑ Market-based

(7.45.6) % change from previous year

19

(7.45.7) Direction of change

Select from:
☑ Decreased

(7.45.8) Reasons for change

Select all that apply
☑ Change in renewable energy consumption

(7.45.9) Please explain

Increased renewable sourcing
[Add row]

(7.52) Provide any additional climate-related metrics relevant to your business.

Row 1

(7.52.1) Description

Select from:
☑ Other, please specify :Not Applicable

(7.52.2) Metric value

0

(7.52.3) Metric numerator

0

(7.52.4) Metric denominator (intensity metric only)

0

(7.52.5) % change from previous year

0

(7.52.6) Direction of change

Select from:
☑ No change

(7.52.7) Please explain

No additional climate-related metrics relevant to your business.
[Add row]

(7.53) Did you have an emissions target that was active in the reporting year?

Select all that apply
☑ Absolute target
☑ Intensity target

(7.53.1) Provide details of your absolute emissions targets and progress made against those targets.

Row 1

(7.53.1.1) Target reference number

Select from:
☑ Abs 1

(7.53.1.2) Is this a science-based target?

Select from:
☑ Yes, we consider this a science-based target, and the target is currently being reviewed by the Science Based Targets initiative

(7.53.1.4) Target ambition

Select from:
☑ 1.5°C aligned

(7.53.1.5) Date target was set

06/29/2020

(7.53.1.6) Target coverage

Select from:
☑ Organization-wide

(7.53.1.7) Greenhouse gases covered by target

Select all that apply

☑ Methane (CH4)
☑ Nitrous oxide (N2O)
☑ Carbon dioxide (CO2)
☑ Perfluorocarbons (PFCs)
☑ Hydrofluorocarbons (HFCs)
☑ Sulphur hexafluoride (SF6)
☑ Nitrogen trifluoride (NF3)

(7.53.1.8) Scopes

Select all that apply

☑ Scope 1
☑ Scope 2

(7.53.1.9) Scope 2 accounting method

Select from:

☑ Market-based

(7.53.1.11) End date of base year

06/29/2022

(7.53.1.12) Base year Scope 1 emissions covered by target (metric tons CO2e)

9487

(7.53.1.13) Base year Scope 2 emissions covered by target (metric tons CO2e)

74037

(7.53.1.31) Base year total Scope 3 emissions covered by target (metric tons CO2e)

0.000

(7.53.1.32) Total base year emissions covered by target in all selected Scopes (metric tons CO2e)

83524.000

(7.53.1.33) Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1

100

(7.53.1.34) Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2

100

(7.53.1.53) Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes

100

(7.53.1.54) End date of target

06/29/2030

(7.53.1.55) Targeted reduction from base year (%)

100

(7.53.1.56) Total emissions at end date of target covered by target in all selected Scopes (metric tons CO2e)

0.000

(7.53.1.57) Scope 1 emissions in reporting year covered by target (metric tons CO2e)

8683

(7.53.1.58) Scope 2 emissions in reporting year covered by target (metric tons CO2e)

16529

(7.53.1.77) Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)

25212.000

(7.53.1.78) Land-related emissions covered by target

Select from:

☑ No, it does not cover any land-related emissions (e.g. non-FLAG SBT)

(7.53.1.79) % of target achieved relative to base year

69.81

(7.53.1.80) Target status in reporting year

Select from:

☑ Underway

(7.53.1.82) Explain target coverage and identify any exclusions

Target is to achieve net zero scope 1 and 2 emissions by 2030. The target exceeds the requirements of the SBT near-term target (2030) for Scope 1/2. In the reporting year, the SBT are undergoing verification (Verification received November 2024). The base year emissions has been adjusted to include acquisitions.

(7.53.1.83) Target objective

Net Zero Scope 1, Scope 2 by 2030

(7.53.1.84) Plan for achieving target, and progress made to the end of the reporting year

Previously emissions increased relative to our target due to increased business output and acquisition, however, we have progress from renewable energy contracts with utility suppliers coming online since we increased renewable sourcing in FY24 to 79% renewable sourcing. Additionally, Lumentum is focusing on energy efficient operation of sites and is developing a roadmap to address Scope 1 emissions.

(7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:
☑ No
[Add row]

(7.53.2) Provide details of your emissions intensity targets and progress made against those targets.

Row 1

(7.53.2.1) Target reference number

Select from:
☑ Int 1

(7.53.2.2) Is this a science-based target?

Select from:
☑ No, but we are reporting another target that is science-based

(7.53.2.5) Date target was set

06/29/2021

(7.53.2.6) Target coverage

Select from:
☑ Business activity

(7.53.2.7) Greenhouse gases covered by target

Select all that apply
☑ Carbon dioxide (CO2)

(7.53.2.8) Scopes

Select all that apply

☑ Scope 1

☑ Scope 2

☑ Scope 3

(7.53.2.9) Scope 2 accounting method

Select from:

☑ Market-based

(7.53.2.10) Scope 3 categories

Select all that apply

☑ Category 1: Purchased goods and services

☑ Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2)

☑ Category 6: Business travel

(7.53.2.11) Intensity metric

Select from:

☑ Metric tons CO2e per unit revenue

(7.53.2.12) End date of base year

06/29/2021

(7.53.2.13) Intensity figure in base year for Scope 1

0.000005303

(7.53.2.14) Intensity figure in base year for Scope 2

0.000029108

(7.53.2.15) Intensity figure in base year for Scope 3, Category 1: Purchased goods and services

0.000017561

(7.53.2.17) Intensity figure in base year for Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2)

0.000007753

(7.53.2.20) Intensity figure in base year for Scope 3, Category 6: Business travel

3e-8

(7.53.2.32) Intensity figure in base year for total Scope 3

0.0000253440

(7.53.2.33) Intensity figure in base year for all selected Scopes

0.0000597550

(7.53.2.34) % of total base year emissions in Scope 1 covered by this Scope 1 intensity figure

100

(7.53.2.35) % of total base year emissions in Scope 2 covered by this Scope 2 intensity figure

100

(7.53.2.36) % of total base year emissions in Scope 3, Category 1: Purchased goods and services covered by this Scope 3, Category 1: Purchased goods and services intensity figure

24

(7.53.2.38) % of total base year emissions in Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) covered by this Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) intensity figure

100

(7.53.2.41) % of total base year emissions in Scope 3, Category 6: Business travel covered by this Scope 3, Category 6: Business travel intensity figure

100

(7.53.2.53) % of total base year emissions in Scope 3 (in all Scope 3 categories) covered by this total Scope 3 intensity figure

26

(7.53.2.54) % of total base year emissions in all selected Scopes covered by this intensity figure

45

(7.53.2.55) End date of target

06/29/2024

(7.53.2.56) Targeted reduction from base year (%)

25

(7.53.2.57) Intensity figure at end date of target for all selected Scopes

0.0000448163

(7.53.2.58) % change anticipated in absolute Scope 1+2 emissions

25

(7.53.2.59) % change anticipated in absolute Scope 3 emissions

25

(7.53.2.60) Intensity figure in reporting year for Scope 1

0.000006394

(7.53.2.61) Intensity figure in reporting year for Scope 2

0.00001217

(7.53.2.62) Intensity figure in reporting year for Scope 3, Category 1: Purchased goods and services

0.000017882

(7.53.2.64) Intensity figure in reporting year for Scope 3, Category 3: Fuel- and energy-related activities

0.000004448

(7.53.2.67) Intensity figure in reporting year for Scope 3, Category 6: Business travel

4.73e-7

(7.53.2.79) Intensity figure in reporting year for total Scope 3

0.0000228030

(7.53.2.80) Intensity figure in reporting year for all selected Scopes

0.0000413670

(7.53.2.81) Land-related emissions covered by target

Select from:

☑ No, it does not cover any land-related emissions (e.g. non-FLAG SBT)

(7.53.2.82) % of target achieved relative to base year

123.09

(7.53.2.83) Target status in reporting year

Select from:

☑ Achieved and maintained

(7.53.2.85) Explain target coverage and identify any exclusions

Target to reduce greenhouse gas intensity by 25% by FY24 from a FY21 baseline. Target includes all scope 1 & 2 emissions and scope 3.1 (emissions from contract manufacturers only), Scope 3.3 (Upstream Fuel and Energy) and Scope 3.6 (Business Travel-Air Only). Base year emissions Intensity before re-baselining for acquisition were:S1=0.00000451 S2=0.00002514 S3.1=0.00001793

(7.53.2.86) Target objective

Lumentum targets reductions in emissions in its facilities (Scope 1,2), but also our Contract Manufacturers which is a significant proportion of direct spend.

(7.53.2.88) Target derived using a sectoral decarbonization approach

Select from:

☑ No

(7.53.2.89) List the emissions reduction initiatives which contributed most to achieving this target

We plan to achieve the target through 1) increased renewable energy procurement in our direct operations, 2) increased engagement with our contract manufacturers, and 3) increased revenue with existing capacity.
[Add row]

(7.54) Did you have any other climate-related targets that were active in the reporting year?

Select all that apply

☑ Targets to increase or maintain low-carbon energy consumption or production

☑ Other climate-related targets

(7.54.1) Provide details of your targets to increase or maintain low-carbon energy consumption or production.

Row 1

(7.54.1.1) Target reference number

Select from:

☑ Low 2

(7.54.1.2) Date target was set

06/30/2021

(7.54.1.3) Target coverage

Select from:

☑ Organization-wide

(7.54.1.4) Target type: energy carrier

Select from:

☑ Electricity

(7.54.1.5) Target type: activity

Select from:

☑ Consumption

(7.54.1.6) Target type: energy source

Select from:

☑ Renewable energy source(s) only

(7.54.1.7) End date of base year

06/29/2021

(7.54.1.8) Consumption or production of selected energy carrier in base year (MWh)

1235

(7.54.1.9) % share of low-carbon or renewable energy in base year

1.1

(7.54.1.10) End date of target

06/29/2024

(7.54.1.11) % share of low-carbon or renewable energy at end date of target

80

(7.54.1.12) % share of low-carbon or renewable energy in reporting year

80

(7.54.1.13) % of target achieved relative to base year

100.00

(7.54.1.14) Target status in reporting year

Select from:

☑ Achieved

(7.54.1.16) Is this target part of an emissions target?

Target is part of Abs1, achieving net-zero scope 1 and 2 emissions by 2030.

(7.54.1.17) Is this target part of an overarching initiative?

Select all that apply

☑ No, it's not part of an overarching initiative

(7.54.1.19) Explain target coverage and identify any exclusions

Target is to sign renewable energy sourcing contracts by the end of FY24 (In June 2024) to source 80% of global electricity by renewable sources.

(7.54.1.20) Target objective

80% Global Renewable Sourcing by FY23

(7.54.1.22) List the actions which contributed most to achieving this target

Increased purchase of renewable energy
[Add row]

(7.54.2) Provide details of any other climate-related targets, including methane reduction targets.

Row 1

(7.54.2.1) Target reference number

Select from:

☑ Oth 1

(7.54.2.2) Date target was set

06/29/2021

(7.54.2.3) Target coverage

Select from:

☑ Suppliers

(7.54.2.4) Target type: absolute or intensity

Select from:

☑ Intensity

(7.54.2.5) Target type: category & metric (target numerator if reporting an intensity target)

Engagement with suppliers

☑ Percentage of suppliers (by procurement spend) disclosing their GHG emissions

(7.54.2.6) Target denominator (intensity targets only)

Select from:

☑ unit revenue

(7.54.2.7) End date of base year

06/29/2021

(7.54.2.8) Figure or percentage in base year

0

(7.54.2.9) End date of target

06/29/2023

(7.54.2.10) Figure or percentage at end of date of target

48

(7.54.2.11) Figure or percentage in reporting year

48

(7.54.2.12) % of target achieved relative to base year

100.0000000000

(7.54.2.13) Target status in reporting year

Select from:

☑ Achieved and maintained

(7.54.2.15) Is this target part of an emissions target?

No

(7.54.2.16) Is this target part of an overarching initiative?

Select all that apply

☑ No, it's not part of an overarching initiative

(7.54.2.18) Please explain target coverage and identify any exclusions

We target that our contract manufacturers disclose their Scope 1 and Scope 2 emissions. This constitutes around 48% of direct procurement spend.

(7.54.2.19) Target objective

48% of direct procurement disclose and allocate their scope 1, 2 emissions

(7.54.2.21) List the actions which contributed most to achieving this target

Requesting contract manufacturers to allocate emissions to lumentum.
[Add row]

(7.55) Did you have emissions reduction initiatives that were active within the reporting year? Note that this can include those in the planning and/or implementation phases.

Select from:
☑ Yes

(7.55.1) Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO2e savings.

	Number of initiatives	Total estimated annual CO2e savings in metric tonnes CO2e
Under investigation	*1*	*`Numeric input*
To be implemented	*4*	*416*
Implementation commenced	*0*	*0*
Implemented	*38*	*3954*
Not to be implemented	*0*	*`Numeric input*

[Fixed row]

(7.55.2) Provide details on the initiatives implemented in the reporting year in the table below.

Row 1

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in buildings
☑ Building Energy Management Systems (BEMS)

(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

219

(7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

☑ Scope 2 (location-based)

(7.55.2.4) Voluntary/Mandatory

Select from:
☑ Voluntary

(7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

44000

(7.55.2.6) Investment required (unit currency – as specified in 1.2)

23000

(7.55.2.7) Payback period

Select from:
☑ <1 year

(7.55.2.8) Estimated lifetime of the initiative

Select from:
☑ 3-5 years

(7.55.2.9) Comment

BMS and metering Projects

Row 2

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in production processes
☑ Compressed air

(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

313

(7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply
☑ Scope 2 (location-based)

(7.55.2.4) Voluntary/Mandatory

Select from:
☑ Voluntary

(7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

75000

(7.55.2.6) Investment required (unit currency – as specified in 1.2)

75000

(7.55.2.7) Payback period

Select from:
☑ 1-3 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:
☑ 6-10 years

(7.55.2.9) Comment

Compressed air efficiency and optimsation

Row 3

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in buildings
☑ Heating, Ventilation and Air Conditioning (HVAC)

(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

1736

(7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply
☑ Scope 2 (location-based)

(7.55.2.4) Voluntary/Mandatory

Select from:
☑ Voluntary

(7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

586000

(7.55.2.6) Investment required (unit currency – as specified in 1.2)

619000

(7.55.2.7) Payback period

Select from:
☑ 1-3 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:
☑ 6-10 years

(7.55.2.9) Comment

HVAC equipment and optimisation

Row 4

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in buildings
☑ Lighting

(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

126

(7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply
☑ Scope 2 (location-based)

(7.55.2.4) Voluntary/Mandatory

Select from:
☑ Voluntary

(7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

68000

(7.55.2.6) Investment required (unit currency – as specified in 1.2)

145000

(7.55.2.7) Payback period

Select from:
☑ 1-3 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:
☑ 6-10 years

(7.55.2.9) Comment

LED Lighting

Row 5

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in production processes
☑ Process optimization

(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

326

(7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply
☑ Scope 2 (location-based)

(7.55.2.4) Voluntary/Mandatory

Select from:
☑ Voluntary

(7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

245000

(7.55.2.6) Investment required (unit currency – as specified in 1.2)

235000

(7.55.2.7) Payback period

Select from:
☑ 1-3 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:
☑ 6-10 years

(7.55.2.9) Comment

Including burn-in reduction

Row 6

(7.55.2.1) Initiative category & Initiative type

Low-carbon energy generation
☑ Solar PV

(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

1233

(7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply
☑ Scope 2 (location-based)

(7.55.2.4) Voluntary/Mandatory

Select from:
☑ Voluntary

(7.55.2.5) Annual monetary savings (unit currency – as specified in 1.2)

200000

(7.55.2.6) Investment required (unit currency – as specified in 1.2)

1000000

(7.55.2.7) Payback period

Select from:
☑ 4-10 years

(7.55.2.8) Estimated lifetime of the initiative

Select from:
☑ 16-20 years

(7.55.2.9) Comment

CAPEX is not disclosed due to confidentiality. One project is a PPA (Zero Capex). Savings are indicative. CAPEX entered as $1m.
[Add row]

(7.55.3) What methods do you use to drive investment in emissions reduction activities?

Row 1

(7.55.3.1) Method

Select from:
☑ Compliance with regulatory requirements/standards

(7.55.3.2) Comment

Our manufacturing processes entail the use of proprietary chemicals that are subject to emissions controls and reporting. We allocate appropriate budget to ensure our operations remain in compliance with all regulations. Any changes in reporting requirements or allowable emissions could result in significant additional costs.
[Add row]

(7.73) Are you providing product level data for your organization's goods or services?

Select from:
☑ No, I am not providing data

(7.74) Do you classify any of your existing goods and/or services as low-carbon products?

Select from:
☑ Yes

(7.74.1) Provide details of your products and/or services that you classify as low-carbon products.

Row 1

(7.74.1.1) Level of aggregation

Select from:
☑ Product or service

(7.74.1.2) Taxonomy used to classify product(s) or service(s) as low-carbon

Select from:
☑ No taxonomy used to classify product(s) or service(s) as low carbon

(7.74.1.3) Type of product(s) or service(s)

Other
☑ Other, please specify :Product energy efficiency

(7.74.1.4) Description of product(s) or service(s)

Lumentum recognizes that Scope 3 emissions, primarily from the use phase of our products, represent a significant share of our total GHG footprint. To address this, we are embedding sustainability considerations throughout the product development lifecycle, with R&D efforts focused on improving energy efficiency and setting targets to reduce energy usage per bit. Lumentum leverages multiple strategies to enhance the sustainability of its products, including: -Conducting climate assessments during the new product development process and performing LCA analysis on specific products -Developing new products with improved energy to deliver lower-power solutions for customers -Applying sustainable engineering design guidelines to support environmentally responsible product development -Reducing packaging and identifying logistics-related environmental

improvements -Minimizing scrap and waste generation Specific revenue has not been identified, and 10% entered.

(7.74.1.5) Have you estimated the avoided emissions of this low-carbon product(s) or service(s)

Select from:

☑ No

(7.74.1.13) Revenue generated from low-carbon product(s) or service(s) as % of total revenue in the reporting year

10

[Add row]

(7.79) Has your organization retired any project-based carbon credits within the reporting year?

Select from:

☑ No

C9. Environmental performance - Water security

(9.1) Are there any exclusions from your disclosure of water-related data?

Select from:
☑ No

(9.2) Across all your operations, what proportion of the following water aspects are regularly measured and monitored?

Water withdrawals – total volumes

(9.2.1) % of sites/facilities/operations

Select from:
☑ 100%

(9.2.2) Frequency of measurement

Select from:
☑ Quarterly

(9.2.3) Method of measurement

Metering and estimates. Some data provided via water bills

(9.2.4) Please explain

In measuring water withdrawal, we use primary data across most sites with the exception of a few small offices

Water withdrawals – volumes by source

(9.2.1) % of sites/facilities/operations

Select from:
☑ 100%

(9.2.2) Frequency of measurement

Select from:
☑ Quarterly

(9.2.3) Method of measurement

Metering and estimates.

(9.2.4) Please explain

In measuring water withdrawal, we use primary data across most sites with the exception of a few small offices

Water withdrawals quality

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Monthly

(9.2.3) Method of measurement

Reporting against agreed quality parameters

(9.2.4) Please explain

Not all sites measure this as it is not relevant to their operations so the number of facilities included has been considered against the relevance of this factor. Of the sites that do, the frequency ranges from monthly to 2 x a year depending on the site. Methods differ by jurisdiction but generally involves samples collected on site and sent to a 3rd party lab for testing. This is conducted in line with regulatory requirements. Domestic water and mains water is received from municipal sources already controlled for quality

Water discharges – total volumes

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Quarterly

(9.2.3) Method of measurement

Metering and estimation. Metering and estimates. Some data provided via water bills

(9.2.4) Please explain

Industrial discharge is metered at some sites, and where meters are not available secondary data is used to estimate the volumes.

Water discharges – volumes by destination

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Quarterly

(9.2.3) Method of measurement

Metering and estimation

(9.2.4) Please explain

Industrial discharge is metered at some sites, and where meters are not available secondary data is used to estimate the volumes.

Water discharges – volumes by treatment method

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Continuously

(9.2.3) Method of measurement

Metered

(9.2.4) Please explain

We track water discharge volumes treated onsite by different methods (primary, secondary, or sent offsite for treatment by third certified party). Our manufacturing process water is treated to meet the regulatory requirements. We have considered the relevance of this aspect and requirements within this answer so have considered relevant water discharges for this percentage.

Water discharge quality – by standard effluent parameters

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Continuously

(9.2.3) Method of measurement

Metered

(9.2.4) Please explain

Lumentum complies with regulatory requirements in its countries of accountability and monitors standard effluent parameters. Our manufacturing process water is treated to meet the regulatory requirements and this is monitored by our WPS and EHS teams. We have considered the relevance of this aspect and requirements within this answer to assess which discharges are in scope. We use local guidance and standards as well as agreed good practice to measure and monitor standard effluent parameters as applicable. For example, this may include monitoring COD, BOD, pH, TSS and other effluent parameters.

Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Other, please specify :Dependent on the site requirements and needs and geography - ranges from monthly to biennially

(9.2.3) Method of measurement

Methods differ depending on the site, water discharge requirements and jurisdiction but generally samples will be collected on site and send to a 3rd party lab for testing. Some sites will conduct internal monitoring on a more frequent basis as appropriate

(9.2.4) Please explain

Methods differ depending on the site, water discharge requirements and jurisdiction but generally samples will be collected on site and send to a 3rd party lab for testing. Some sites will conduct internal monitoring on a more frequent basis as appropriate

Water discharge quality – temperature

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Quarterly

(9.2.3) Method of measurement

Measured by third party lab

(9.2.4) Please explain

Some manufacturing sites, where this is relevant, will monitor and measure discharge water temperature either by using a third party lab or their own system installed at the outlet

Water consumption – total volume

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:

☑ Quarterly

(9.2.3) Method of measurement

Estimated

(9.2.4) Please explain

We estimate consumption as [withdrawal - discharge] in line with agreed standards

Water recycled/reused

(9.2.1) % of sites/facilities/operations

Select from:

☑ 76-99

(9.2.2) Frequency of measurement

Select from:

☑ Continuously

(9.2.3) Method of measurement

Not systematically measured across all sites but storage is monitored with the purpose of reusing water where applicable for relevant sites

(9.2.4) Please explain

Our sites, particularly manufacturing facilities, maximise closed-loop water consumption for cooling and heating wherever feasible and practicable, in line with our commitment to continuous improvement. Where it is in place, water storage and reclamation (e.g. rainwater harvesting) are continuously monitored, with checks performed twice daily by each shift.

The provision of fully-functioning, safely managed WASH services to all workers

(9.2.1) % of sites/facilities/operations

Select from:

☑ 100%

(9.2.2) Frequency of measurement

Select from:
☑ Continuously

(9.2.3) Method of measurement

All sites are equipped with WASH services

(9.2.4) Please explain

100 of sites are equipped with WASH services in line with our responsible business and legal requirements. This is monitored annually as part of Responsible Business Alliance audits. All employees on Lumentum sites have access to safe drinking water and WASH services.
[Fixed row]

(9.2.2) What are the total volumes of water withdrawn, discharged, and consumed across all your operations, how do they compare to the previous reporting year, and how are they forecasted to change?

Total withdrawals

(9.2.2.1) Volume (megaliters/year)

672.76

(9.2.2.2) Comparison with previous reporting year

Select from:
☑ Higher

(9.2.2.3) Primary reason for comparison with previous reporting year

Select from:
☑ Mergers and acquisitions

(9.2.2.4) Five-year forecast

Select from:
☑ About the same

(9.2.2.5) Primary reason for forecast

Select from:
☑ Facility expansion

(9.2.2.6) Please explain

Due to acquisitions in FY24, our withdrawals increased. While we retain water related targets and are working with sites to reduce their water withdrawals, due to expanding our operations we believe that despite anticipated water withdrawal efficiency improvements, the five year forecast will be around the same.§

Total discharges

(9.2.2.1) Volume (megaliters/year)

446.34

(9.2.2.2) Comparison with previous reporting year

Select from:

☑ Higher

(9.2.2.3) Primary reason for comparison with previous reporting year

Select from:

☑ Mergers and acquisitions

(9.2.2.4) Five-year forecast

Select from:

☑ About the same

(9.2.2.5) Primary reason for forecast

Select from:

☑ Facility expansion

(9.2.2.6) Please explain

Despite the fact withdrawals and discharges increased in FY24 due to an acquisition, our consumption decreased. This is as the rate of discharge increase was higher than the withdrawal increase and we calculate consumption as water withdrawals-discharge. This is likely due to improvements in water withdrawal efficiency at some sites (reducing required withdrawals) and improvements in our data collection. Like withdrawals and discharge, while we retain water related targets and are working with sites to reduce water withdrawals, due to expanding our operations we believe that despite anticipated water withdrawal efficiency improvements, the five year forecast will be around the same.

Total consumption

(9.2.2.1) Volume (megaliters/year)

226.42

(9.2.2.2) Comparison with previous reporting year

Select from:

☑ Lower

(9.2.2.3) Primary reason for comparison with previous reporting year

Select from:

☑ Mergers and acquisitions

(9.2.2.4) Five-year forecast

Select from:

☑ About the same

(9.2.2.5) Primary reason for forecast

Select from:

☑ Facility expansion

(9.2.2.6) Please explain

Despite the fact withdrawals and discharges increased in FY24 due to an acquisition, our consumption decreased. This is as the rate of discharge increase was higher than the withdrawal increase and we calculate consumption as water withdrawals-discharge. This is likely due to improvements in water withdrawal efficiency at some sites (reducing required withdrawals) and improvements in our data collection. Like withdrawals and discharge, while we retain water related targets and are working with sites to reduce water withdrawals, due to expanding our operations we believe that despite anticipated water withdrawal efficiency improvements, the five year forecast will be around the same
[Fixed row]

(9.2.4) Indicate whether water is withdrawn from areas with water stress, provide the volume, how it compares with the previous reporting year, and how it is forecasted to change.

(9.2.4.1) Withdrawals are from areas with water stress

Select from:

☑ Yes

(9.2.4.2) Volume withdrawn from areas with water stress (megaliters)

239.8

(9.2.4.3) Comparison with previous reporting year

Select from:

☑ Higher

(9.2.4.4) Primary reason for comparison with previous reporting year

Select from:

☑ Facility expansion

(9.2.4.5) Five-year forecast

Select from:
☑ Higher

(9.2.4.6) Primary reason for forecast

Select from:
☑ Facility expansion

(9.2.4.7) % of total withdrawals that are withdrawn from areas with water stress

35.64

(9.2.4.8) Identification tool

Select all that apply
☑ WRI Aqueduct

(9.2.4.9) Please explain

The site that meets the CDP reporting guidance (WRI Aqueduct) for a higher water stress risk has been undergoing expansion and so we anticipate there may be some increase in water usage associated with this however are working with the site to identify and implement water efficiency measures and projects to support our overall water approach and internal goals for water withdrawals
[Fixed row]

(9.2.7) Provide total water withdrawal data by source.

Fresh surface water, including rainwater, water from wetlands, rivers, and lakes

(9.2.7.1) Relevance

Select from:
☑ Not relevant

(9.2.7.5) Please explain

We do not withdraw water from this source

Brackish surface water/Seawater

(9.2.7.1) Relevance

Select from:
☑ Not relevant

(9.2.7.5) Please explain

We do not withdraw water from this source

Groundwater – renewable

(9.2.7.1) Relevance

Select from:

☑ Relevant

(9.2.7.2) Volume (megaliters/year)

105.95

(9.2.7.3) Comparison with previous reporting year

Select from:

☑ Lower

(9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

☑ Increase/decrease in efficiency

(9.2.7.5) Please explain

During FY24, we consolidated some production processes at sites using groundwater which led to increased water discharge efficiency.

Groundwater – non-renewable

(9.2.7.1) Relevance

Select from:

☑ Not relevant

(9.2.7.5) Please explain

We do not withdraw water from this source

Produced/Entrained water

(9.2.7.1) Relevance

Select from:

☑ Not relevant

(9.2.7.5) Please explain

We do not withdraw water from this source

Third party sources

(9.2.7.1) Relevance

Select from:

☑ Relevant

(9.2.7.2) Volume (megaliters/year)

566.8

(9.2.7.3) Comparison with previous reporting year

Select from:

☑ Higher

(9.2.7.4) Primary reason for comparison with previous reporting year

Select from:

☑ Mergers and acquisitions

(9.2.7.5) Please explain

Acquisitions impacted our water withdrawals in FY24 due to an increase in the number of sites
[Fixed row]

(9.2.8) Provide total water discharge data by destination.

Fresh surface water

(9.2.8.1) Relevance

Select from:

☑ Relevant

(9.2.8.2) Volume (megaliters/year)

24.53

(9.2.8.3) Comparison with previous reporting year

Select from:

☑ Much lower

(9.2.8.4) Primary reason for comparison with previous reporting year

Select from:

☑ Increase/decrease in business activity

(9.2.8.5) Please explain

During FY24, there was a temporary decrease in some business activity which reduced the amount of water discharge at the site that discharges to surface water

Brackish surface water/seawater

(9.2.8.1) Relevance

Select from:

☑ Not relevant

(9.2.8.5) Please explain

We do not discharge to this destination

Groundwater

(9.2.8.1) Relevance

Select from:

☑ Not relevant

(9.2.8.5) Please explain

We do not discharge to this destination

Third-party destinations

(9.2.8.1) Relevance

Select from:

☑ Relevant

(9.2.8.2) Volume (megaliters/year)

421.81

(9.2.8.3) Comparison with previous reporting year

Select from:

☑ Higher

(9.2.8.4) Primary reason for comparison with previous reporting year

Select from:

☑ Mergers and acquisitions

(9.2.8.5) Please explain

Water discharge to third-party destinations increased due a change in the number of sites because of acquisition [Fixed row]

(9.2.9) Within your direct operations, indicate the highest level(s) to which you treat your discharge.

Tertiary treatment

(9.2.9.1) Relevance of treatment level to discharge

Select from:

☑ Relevant

(9.2.9.2) Volume (megaliters/year)

45.03

(9.2.9.3) Comparison of treated volume with previous reporting year

Select from:

☑ This is our first year of measurement

(9.2.9.4) Primary reason for comparison with previous reporting year

Select from:

☑ Mergers and acquisitions

(9.2.9.5) % of your sites/facilities/operations this volume applies to

Select from:

☑ 1-10

(9.2.9.6) Please explain

This is our first year reporting due to updating our accounting methodology to better reflect the differences between tertiary and secondary treatment. Due to acquisition, the number of sites that would meet this definition of tertiary treatment also increased. Municipal water treatment plants may treat water from our site to this level further in the process

Secondary treatment

(9.2.9.1) Relevance of treatment level to discharge

Select from:

☑ Relevant

(9.2.9.2) Volume (megaliters/year)

251.88

(9.2.9.3) Comparison of treated volume with previous reporting year

Select from:

☑ Lower

(9.2.9.4) Primary reason for comparison with previous reporting year

Select from:

☑ Change in accounting methodology

(9.2.9.5) % of your sites/facilities/operations this volume applies to

Select from:

☑ 11-20

(9.2.9.6) Please explain

Manufacturing and R&D sites combine additional chemical and biological treatment of process water on site to complement primary treatment, where necessary, volumes vary by production levels. Sites work with local authorities and interested parties to ensure compliance in line with the legislative and good practice requirements for effluent and water discharge. This is built into our EHS water policy standards and also with our WPS teams.

Primary treatment only

(9.2.9.1) Relevance of treatment level to discharge

Select from:

☑ Relevant

(9.2.9.2) Volume (megaliters/year)

37.44

(9.2.9.3) Comparison of treated volume with previous reporting year

Select from:

☑ Lower

(9.2.9.4) Primary reason for comparison with previous reporting year

Select from:

☑ Facility closure

(9.2.9.5) % of your sites/facilities/operations this volume applies to

Select from:

☑ 11-20

(9.2.9.6) Please explain

Sites apply septic tank treatment, sedimentation and filters to remove suspended solids and floating material on site to production and auxiliary water in manufacturing, volumes vary by production levels. This primary treatment helps ensure compliance with internal and external water and effluent standards and compliance obligations.

Discharge to the natural environment without treatment

(9.2.9.1) Relevance of treatment level to discharge

Select from:

☑ Not relevant

(9.2.9.6) Please explain

We do not discharge water to the environment without treatment

Discharge to a third party without treatment

(9.2.9.1) Relevance of treatment level to discharge

Select from:
☑ Relevant

(9.2.9.2) Volume (megaliters/year)

156.23

(9.2.9.3) Comparison of treated volume with previous reporting year

Select from:
☑ Higher

(9.2.9.4) Primary reason for comparison with previous reporting year

Select from:
☑ Mergers and acquisitions

(9.2.9.5) % of your sites/facilities/operations this volume applies to

Select from:
☑ 61-70

(9.2.9.6) Please explain

Domestic water is discharged to third party without pre-treatment. This includes all non-manufacturing sites and offices as well or wastewater collected and sent to a third party for further treatment prior to municipal treatment. This water would be treated at municipal water treatment works in line with their standards and compliance obligations

Other

(9.2.9.1) Relevance of treatment level to discharge

Select from:
☑ Not relevant

(9.2.9.6) Please explain

This is not relevant to our operations
[Fixed row]

(9.2.10) Provide details of your organization's emissions of nitrates, phosphates, pesticides, and other priority substances to water in the reporting year.

(9.2.10.1) Emissions to water in the reporting year (metric tons)

0.08

(9.2.10.2) Categories of substances included

Select all that apply

☑ Nitrates

☑ Phosphates

(9.2.10.4) Please explain

Elemental phosphorus and ammonical nitrogen are measured and monitored at one site in Lumentum due to its discharge and environmental requirements. These are the emissions we have provided for this answer and the total is estimated based on average parts per million and water discharge volumes. Outside contractors support Lumentum's measuring discharge for these substances, e.g. ammonia nitrogen, phosphates, pH, suspended solids, COD, BOD, oils. This data is currently not consolidated at the corporate level
[Fixed row]

(9.3) In your direct operations and upstream value chain, what is the number of facilities where you have identified substantive water-related dependencies, impacts, risks, and opportunities?

Direct operations

(9.3.1) Identification of facilities in the value chain stage

Select from:

☑ Yes, we have assessed this value chain stage and identified facilities with water-related dependencies, impacts, risks, and opportunities

(9.3.2) Total number of facilities identified

1

(9.3.3) % of facilities in direct operations that this represents

Select from:

☑ 1-25

(9.3.4) Please explain

We have identified one facility with water-related risks and opportunities relating to water stress risk.

Upstream value chain

(9.3.1) Identification of facilities in the value chain stage

Select from:

☑ Yes, we have assessed this value chain stage and identified facilities with water-related dependencies, impacts, risks, and opportunities

(9.3.2) Total number of facilities identified

1

(9.3.4) Please explain

We have identified one contract manufacturer with a higher water related risk due to flooding from climate vulnerability as part of our climate change mitigation work and the site is also located in a country with higher water stress risk.
[Fixed row]

(9.3.1) For each facility referenced in 9.3, provide coordinates, water accounting data, and a comparison with the previous reporting year.

Row 1

(9.3.1.1) Facility reference number

Select from:
☑ Facility 1

(9.3.1.2) Facility name (optional)

Navanakorn, Thailand

(9.3.1.3) Value chain stage

Select from:
☑ Direct operations

(9.3.1.4) Dependencies, impacts, risks, and/or opportunities identified at this facility

Select all that apply
☑ Dependencies
☑ Risks
☑ Opportunities

(9.3.1.5) Withdrawals or discharges in the reporting year

Select from:
☑ Yes, withdrawals and discharges

(9.3.1.7) Country/Area & River basin

Thailand
☑ Chao Phraya

(9.3.1.8) Latitude

14.10478

(9.3.1.9) Longitude

100.60187

(9.3.1.10) Located in area with water stress

Select from:
☑ Yes

(9.3.1.13) Total water withdrawals at this facility (megaliters)

239.8

(9.3.1.14) Comparison of total withdrawals with previous reporting year

Select from:
☑ Higher

(9.3.1.15) Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

0

(9.3.1.16) Withdrawals from brackish surface water/seawater

0

(9.3.1.17) Withdrawals from groundwater - renewable

0

(9.3.1.18) Withdrawals from groundwater - non-renewable

0

(9.3.1.19) Withdrawals from produced/entrained water

0

(9.3.1.20) Withdrawals from third party sources

239.93

(9.3.1.21) Total water discharges at this facility (megaliters)

80.66

(9.3.1.22) Comparison of total discharges with previous reporting year

Select from:

☑ Higher

(9.3.1.23) Discharges to fresh surface water

0

(9.3.1.24) Discharges to brackish surface water/seawater

0

(9.3.1.25) Discharges to groundwater

0

(9.3.1.26) Discharges to third party destinations

80.66

(9.3.1.27) Total water consumption at this facility (megaliters)

159.14

(9.3.1.28) Comparison of total consumption with previous reporting year

Select from:

☑ Higher

(9.3.1.29) Please explain

The changes observed within the water withdrawals, consumption and discharge are due to the facility expansion. [Add row]

(9.3.2) For the facilities in your direct operations referenced in 9.3.1, what proportion of water accounting data has been third party verified?

Water withdrawals – total volumes

(9.3.2.1) % verified

Select from:

☑ Not verified

(9.3.2.3) Please explain

We do not have our water verified by a third party at this time.

Water withdrawals – volume by source

(9.3.2.1) % verified

Select from:

☑ Not verified

(9.3.2.3) Please explain

We do not have our water verified by a third party at this time.

Water withdrawals – quality by standard water quality parameters

(9.3.2.1) % verified

Select from:

☑ Not verified

(9.3.2.3) Please explain

We do not have our water verified by a third party at this time.

Water discharges – total volumes

(9.3.2.1) % verified

Select from:

☑ Not verified

(9.3.2.3) Please explain

We do not have our water verified by a third party at this time.

Water discharges – volume by destination

(9.3.2.1) % verified

Select from:

☑ Not verified

(9.3.2.3) Please explain

We do not have our water verified by a third party at this time.

Water discharges – volume by final treatment level

(9.3.2.1) % verified

Select from:

☑ Not verified

(9.3.2.3) Please explain

We do not have our water verified by a third party at this time.

Water discharges – quality by standard water quality parameters

(9.3.2.1) % verified

Select from:

☑ Not verified

(9.3.2.3) Please explain

We do not have our water verified by a third party at this time.

Water consumption – total volume

(9.3.2.1) % verified

Select from:

☑ Not verified

(9.3.2.3) Please explain

We do not have our water verified by a third party at this time.
[Fixed row]

(9.4) Could any of your facilities reported in 9.3.1 have an impact on a requesting CDP supply chain member?

Select from:

☑ This is confidential

(9.5) Provide a figure for your organization's total water withdrawal efficiency.

	Revenue (currency)	Total water withdrawal efficiency	Anticipated forward trend
	1565300000	*2326684.11*	*We expect to improve our water withdrawal efficiency over time as our sustainability program continues to develop*

[Fixed row]

(9.12) Provide any available water intensity values for your organization's products or services.

Row 1

(9.12.1) Product name

All in-house manufacturing

(9.12.2) Water intensity value

0.26

(9.12.3) Numerator: Water aspect

Select from:
☑ Water withdrawn

(9.12.4) Denominator

per square foot of manufacturing space

(9.12.5) Comment

Water intensity is calculated in cubic meters of water withdrawn per square feet for all manufacturing areas.
[Add row]

(9.13) Do any of your products contain substances classified as hazardous by a regulatory authority?

	Products contain hazardous substances
	Select from: ☑ Yes

[Fixed row]

(9.13.1) What percentage of your company's revenue is associated with products containing substances classified as hazardous by a regulatory authority?

Row 1

(9.13.1.1) Regulatory classification of hazardous substances

Select from:
☑ Other, please specify :IEC 62474

(9.13.1.2) % of revenue associated with products containing substances in this list

Select from:
☑ 61-80

(9.13.1.3) Please explain

The IEC 62474 Declarable Substance List (DSL) is a list of regulated substances and substance groups that include REACH, Candidate List of Substances of Very High Concern for Authorisation above 0.1% by weight (EU Regulation), EU RoHS Directive and other regulations.
[Add row]

(9.14) Do you classify any of your current products and/or services as low water impact?

(9.14.1) Products and/or services classified as low water impact

Select from:

☑ No, and we do not plan to address this within the next two years

(9.14.3) Primary reason for not classifying any of your current products and/or services as low water impact

Select from:

☑ Important but not an immediate business priority

(9.14.4) Please explain

Water consumption in our operations and value chain is important and is gradually gaining more attention. However, in the next 1-2 years it will not be part of immediate business priorities among which on environmental sustainability side are energy and climate impacts.
[Fixed row]

(9.15) Do you have any water-related targets?

Select from:

☑ Yes

(9.15.1) Indicate whether you have targets relating to water pollution, water withdrawals, WASH, or other water-related categories.

Water pollution

(9.15.1.1) Target set in this category

Select from:

☑ Yes

Water withdrawals

(9.15.1.1) Target set in this category

Select from:

☑ Yes

Water, Sanitation, and Hygiene (WASH) services

(9.15.1.1) Target set in this category

Select from:

☑ No, and we do not plan to within the next two years

(9.15.1.2) Please explain

Our primary focus is reducing water usage and maximizing water reuse within our global corporate boundaries and so we have not set formal targets around this. Additionally, 100% sites are already equipped with WASH services and we do not plan to deviate from this in line with the RBA Code of Conduct.

Other

(9.15.1.1) Target set in this category

Select from:

☑ No, and we do not plan to within the next two years

(9.15.1.2) Please explain

Our primary focus is reducing water use and maximizing water reuse within our global corporate boundaries [Fixed row]

(9.15.2) Provide details of your water-related targets and the progress made.

Row 1

(9.15.2.1) Target reference number

Select from:

☑ Target 1

(9.15.2.2) Target coverage

Select from:

☑ Organization-wide (direct operations only)

(9.15.2.3) Category of target & Quantitative metric

Water withdrawals

☑ Reduction in total water withdrawals

(9.15.2.4) Date target was set

06/30/2023

(9.15.2.5) End date of base year

06/30/2023

(9.15.2.6) Base year figure

636

(9.15.2.7) End date of target year

07/03/2026

(9.15.2.8) Target year figure

604.2

(9.15.2.9) Reporting year figure

672.76

(9.15.2.10) Target status in reporting year

Select from:
☑ Underway

(9.15.2.11) % of target achieved relative to base year

-116

(9.15.2.12) Global environmental treaties/initiatives/ frameworks aligned with or supported by this target

Select all that apply
☑ None, alignment not assessed

(9.15.2.13) Explain target coverage and identify any exclusions

This target includes all facilities within our scope and water accounting footprint

(9.15.2.14) Plan for achieving target, and progress made to the end of the reporting year

Due to acquistion, we experienced an increase against our target however are working closely with sites to identify water efficiency opportunities and initiatives to help us achieve our goals. When reviewing the data without the newly acquired sites, we did achieve a 7% reduction in water withdrawals.

(9.15.2.16) Further details of target

This target focuses on our absolute water withdrawals

Row 3

(9.15.2.1) Target reference number

Select from:

☑ Target 2

(9.15.2.2) Target coverage

Select from:

☑ Organization-wide (direct operations only)

(9.15.2.3) Category of target & Quantitative metric

Water pollution

☑ Other water pollution, please specify :Zero environmental releases

(9.15.2.4) Date target was set

07/01/2022

(9.15.2.5) End date of base year

06/30/2023

(9.15.2.6) Base year figure

0

(9.15.2.7) End date of target year

06/28/2024

(9.15.2.8) Target year figure

0

(9.15.2.9) Reporting year figure

0

(9.15.2.10) Target status in reporting year

Select from:

☑ Achieved

(9.15.2.12) Global environmental treaties/initiatives/ frameworks aligned with or supported by this target

Select all that apply

☑ None, alignment not assessed

(9.15.2.13) Explain target coverage and identify any exclusions

While our core water targets currently focus on water usage, our EHS team maintains site-specific internal goals at manufacturing locations, tracking "zero environmental releases" as part of their environmental management systems. While it is not a public target within our water reporting, we annually report on the number of reportable/recordable spillages across Lumentum in line with SASB reporting.

(9.15.2.15) Actions which contributed most to achieving or maintaining this target

Continued management of EHS management systems in order to prevent environmental releases or incidents.

(9.15.2.16) Further details of target

Lumentum's manufacturing sites have set an annual target of zero exceedances for water pollution limits. In FY24, we achieved this target which is a continual rolling target managed by our EHS team.
[Add row]

C13. Further information & sign off

(13.1) Indicate if any environmental information included in your CDP response (not already reported in 7.9.1/2/3, 8.9.1/2/3/4, and 9.3.2) is verified and/or assured by a third party?

	Other environmental information included in your CDP response is verified and/or assured by a third party
	Select from: ☑ Yes

[Fixed row]

(13.1.1) Which data points within your CDP response are verified and/or assured by a third party, and which standards were used?

Row 1

(13.1.1.1) Environmental issue for which data has been verified and/or assured

Select all that apply
☑ Climate change

(13.1.1.2) Disclosure module and data verified and/or assured

Introduction
☑ All data points in module 1

(13.1.1.3) Verification/assurance standard

Climate change-related standards
☑ ISO 14064-3

(13.1.1.4) Further details of the third-party verification/assurance process

Scope 1, 2, 3 has undergone limited assurance

(13.1.1.5) Attach verification/assurance evidence/report (optional)

ISO14064 Cert Lumentum p1.pdf
[Add row]

(13.2) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.

	Additional information	Attachment (optional)
	No additional information	*ISO14064 Cert Lumentum p1.pdf*

[Fixed row]

(13.3) Provide the following information for the person that has signed off (approved) your CDP response.

(13.3.1) Job title

Director, Product Compliance & Corporate Social Responsibility

(13.3.2) Corresponding job category

Select from:

☑ Environment/Sustainability manager

[Fixed row]

(13.4) Please indicate your consent for CDP to share contact details with the Pacific Institute to support content for its Water Action Hub website.

Select from:

☑ Yes, CDP may share our Disclosure Submission Lead contact details with the Pacific Institute