PRODUCT ENVIRONMENTAL PROFILE

NUMINOS L 3Ph

Holder of the declaration

SLV

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Reference covered

The references of the NUMINOS® L 3 Ph., CL, and DL range, in DALI or PHASE versions, covered by this PEP, are available on page 15 in the 'coverage table'.

Methodology

This PEP has been produced in compliance with the PCR version PCR-ed4-FR-2021 09 06 and the PSR-0014-ed2-EN-2023 07 version of the PEP ecopassport program. For more information, visit the program website www.pep-ecopassport.org

Reference product

Identification of the reference product:
1004284
Product category (PSR) :
Family : Luminaire

Functional unit

Provide lighting that delivers an outgoing artificial luminous flux of 1,000 lumens during a reference lifetime of 35,000 hours.

UF = UD * ((1000/2600)*(35000/50000)) = UD * 0.269

Declared unit:

A luminaire providing an outgoing luminous flux of 2600 lumens with a reference lifetime of 20 years.

Technical characteristics

Luminaire Application	Office
Are the degrees of protection considered as specific functions for the product ?	YES
RSL, reference service life of the light source	70000 h
Light source temperature	4000k
Specify the type of lighting control function	-
Does the luminaire have a lighting control function?	NO
Protection ratings against mechanical impacts (IK)	02
Protection ratings against solid objects and liquids (IP)	IP 50
Dimensions	100 mm *170 mm * 213mm
Luminaire power (if multiple components are present, the total luminaire power is the sum of the power of each component)	20 W
Specify the type of light source	LED light source
Is the light source replaceable?	YES
Specify the value of the light efficiency	160.8 lm/W
Operating voltage	230 V
Please indicate the value of the artificial luminous flux output	2600 lm
Do you know the value of the artificial luminous flux output?	YES
Operating lifetime (EN 15193-1:2017)	20 years

Luminaire usage time depending on application

Building type	Duration of application
Offices	20 Years
Educational establishment	25 Years
Hospital	10 Years
Retail	10 Years

Materials and substances

All useful measures have been taken to ensure that the materials used in the composition of the product do not contain substances prohibited by the regulations in force when it was placed on the market. The mass of the reference product is 0.96649 kg. The mass of product packaging is 0.27803 kg.
The constituent Materials are:

Plastics	%	**Metals**	%	**Others**	%
PMMA	5,44%	Aluminum	49,07%	Paper	22,34%
PC	9,18%	Steel	5,36%	electronic materials	7,66%
Glass fibre	0,17%	copper	0,12%	other	0,64%
				Silicon	0,01%
Total mass of the reference product: 1.24452 kg					

The masses indicated correspond to the masses modeled within the framework of the PEP, and may present slight variations with the masses indicated in the technical documentation of the products, due to the assumptions made for the study.

Additional environmental information

Manufacturing	The product is manufactured in a factory in China and then transported to a local facility in Europe for final delivery. The origin of the components is China. The entire life cycle has been taken into account, including raw material sourcing, transportation to the production site, manufacturing of parts and components, product assembly, packaging, and waste treatment.
Distribution	The main market is Europe. Therefore, the current model includes intercontinental transport in accordance with the PEP-PCR-ed4-FR-2021 09 06 rules: • Truck: 3500 km
Installation	The product does not require any specific installation procedure, and its installation does not consume any energy. The transport and disposal of the product's packaging are included in this stage, in accordance with the Europeen scenarios defined by the PSR-0014-ed2-EN-2023 07 13 rules.
Use	No use or application of the installed product (B1), standard repair (B3, B4), or refurbishment (B5) is planned for this product. The use of the product does not require water (B7). There is no maintenance required (B2), the luminaire's lifespan was defined based on that of the driver (50,000 hours), which explains why neither the driver nor the light source has been modeled at this stage. The use of the product results in electricity consumption (B6): C = P × Assigned lifetime = 20 × 50,000 = 1,000 kWh The main market is Europe, so the Europe energy mix has been used in this analysis.
End of life	Given the complexity and limited knowledge of the recycling sector and processes for electrical and electronic products, the treatment rates from Annex D of the PCR-ed4-FR-2021 09 06 have been used to account for the product's end-of-life treatment.

Environmental impacts

The environmental impact assessment covers the following stages of the product life cycle: Manufacturing (A1-A3), Distribution (A4), Installation (A5), Use (B1-B7), End of life (C1-C4) and Benefits and burdens across system boundaries (D).

The calculations were carried out with the OpenLCA software version 2.0.2 associated with the EcoInvent database version 3.91.

PEP representative of the products covered, installed and marketed in: Europe

Energy models considered for each phase:

Manufacturing ((A1-A3)	Distribution (A4)	Installation (A5)	Use (B1-B7)	End of life (C1-C4)
China	Europe	Europe	Europe	Europe

Environmental impact of the reference product calculated for the functional unit

This environmental declaration has been developed considering the following functional unit: Provide lighting that delivers an outgoing artificial luminous flux of 1,000 lumens during a reference lifetime of 35,000 hours.

Mandatory environmental impact indicators

Indicateurs	Unité	A1-A3	A4	A5	B1-B7	C1-C4	Total (hors D)	D
Environment: Abiotic depletion potential (elements) | ADPE	kg Sb eq	8,37E-04	7,24E-07	2,26E-06	1,16E-03	1,81E-07	2,00E-03	-2,93E-04
Environment: Abiotic depletion potential (fossils) | ADPF	MJ (net calorific)	1,67E+02	3,15E+00	1,94E+00	2,20E+03	8,02E-01	2,38E+03	-1,18E+01
Environment: Acidification potential | AP	mol H+ eq	1,10E-01	7,18E-04	9,12E-04	5,46E-01	2,00E-04	6,59E-01	-9,76E-03
Environment: Eutrophication potential (freshwater) | EPF	kg P eq	8,26E-03	1,54E-05	7,37E-05	9,01E-02	5,92E-06	9,85E-02	-1,21E-03
Environment: Eutrophication potential (marine) | EPM	kg N eq	1,74E-02	2,47E-04	1,99E-04	8,82E-02	1,76E-04	1,06E-01	-1,39E-03
Environment: Eutrophication potential (terrestrial) | EPT	mol N eq	1,72E-01	2,61E-03	1,87E-03	7,99E-01	6,97E-04	9,76E-01	-1,44E-02
Environment: Global warming potential (biogenic) | GWPB	kg CO2 eq	-1,14E-01	1,93E-04	9,90E-05	3,28E+00	-4,22E-04	3,15E+00	1,48E-02
Environment: Global warming potential (fossil) | GWPF	kg CO2 eq	1,38E+01	2,21E-01	1,49E-01	9,52E+01	6,13E-02	1,09E+02	-8,72E-01
Environment: Global warming potential (land use) | GWPL	kg CO2 eq	1,71E-02	1,09E-04	2,82E-04	2,38E-01	5,89E-05	2,56E-01	-2,64E-03
Environment: Global warming potential (total) | GWPT	kg CO2 eq	1,37E+01	2,21E-01	1,49E-01	9,87E+01	6,11E-02	1,13E+02	-8,61E-01
Environment: Ozone depletion potential | ODP	kg CFC-11 eq	2,68E-07	4,79E-09	1,68E-09	1,81E-06	1,22E-09	2,09E-06	-4,14E-08
Environment: Photochemical ozone creation potential | POCP	kg NMVOC eq	5,97E-02	1,07E-03	5,57E-04	2,56E-01	2,82E-04	3,17E-01	-4,41E-03
Environment: Water deprivation potential | WDP	m3 world eq	2,58E+01	1,54E-02	5,86E-02	5,46E+01	5,11E-03	8,04E+01	-3,79E-01

*The details of module B are available in the dedicated tables at the end of this section.

Optional environmental impact indicators

Indicators	Unit	A1-A3	A4	A5	B1-B7	C1-C4	Total (exluding D)	D
Environment: Ecotoxicity potential (freshwater) | ETPF	CTUe	1,24E+02	1,54E+00	6,05E-01	3,63E+02	9,42E-01	4,90E+02	-2,37E+01
Environment: Human toxicity (carcinogenic) | HTC	CTUh	1,59E-08	1,01E-10	9,15E-11	4,76E-08	4,04E-11	6,38E-08	-1,47E-09
Environment: Human toxicity (non-carcinogenic) | HTNC	CTUh	2,96E-07	2,22E-09	2,39E-09	1,91E-06	5,84E-10	2,21E-06	-4,87E-08
Environment: Ionising radiation (human health) | IRH	kBq U235 eq	1,15E+00	4,20E-03	1,70E-02	6,11E+01	1,27E-03	6,21E+01	-1,19E-01
Environment: Land use and land use change | LULUC	dimensionless	1,27E+02	2,20E+00	4,36E+00	5,81E+02	7,64E-01	7,16E+02	-2,43E+01
Environment: Particulate matter formation | PMF	disease incidence	8,34E-07	1,76E-08	9,15E-09	2,00E-06	4,57E-09	2,88E-06	-5,27E-08

*The details of module B are available in the dedicated tables at the end of this section.

Output flow indicators

Indicators	Unit	A1-A3	A4	A5	B1-B7	C1-C4	Total (exluding D)	D
Output: Components for reuse | CRU	kg (CRU)	0	0	0	0	0	0	0
Output: Exported energy (electrical) | EEE	MJ (EEE)	0	0	0	0	0	0	0
Output: Exported energy (thermal) | EET	MJ (EET)	0	0	0	0	0	0	0
Output: Materials for energy recovery | MER	kg (MER)	0	0	0	0	0	0	0
Output: Materials for recycling | MFR	kg (MFR)	5,16E-01	3,09E-03	4,22E-03	2,77E+01	1,17E-03	2,80E+01	-1,36E-01

*The details of module B are available in the dedicated tables at the end of this section.

Resource utilisation indicators

Indicators	Unit	A1-A3	A4	A5	B1-B7	C1-C4	Total (exluding D)	D
Primary energy: Non-renewable (energy use) | PENRE	MJ (PENRE)	1,62E+02	2,88E+00	1,89E+00	2,17E+03	7,34E-01	2,34E+03	-1,15E+01
Primary energy: Non-renewable (material use) | PENRM	MJ (PENRM)	4,22E+00	2,74E-01	5,00E-02	3,17E+01	6,59E-02	3,63E+01	-3,09E-01
Primary energy: Non-renewable (total) | PENRT	MJ (PENRT)	1,67E+02	3,15E+00	1,94E+00	2,20E+03	8,02E-01	2,38E+03	-1,18E+01
Primary energy: Renewable (energy use) | PERE	MJ (PERE)	2,08E+01	4,84E-02	6,27E-01	4,84E+02	2,53E-02	5,06E+02	-1,91E+00
Primary energy: Renewable (material use) | PERM	MJ (PERM)	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Primary energy: Renewable (total) | PERT	MJ (PERT)	2,08E+01	4,84E-02	6,27E-01	4,84E+02	2,53E-02	5,06E+02	-1,91E+00
Resource: Net use of fresh water | FW	m3 (FW)	5,89E-01	3,77E-04	1,30E-03	1,75E+00	1,45E-04	2,34E+00	-8,93E-03
Resource: Non-renewable secondary fuels | NRSF	MJ (NRSF)	2,96E-01	1,81E-03	6,40E-03	1,64E+01	5,57E-04	1,67E+01	-3,82E-02
Resource: Renewable secondary fuels | RSF	MJ (RSF)	1,04E-01	9,20E-04	2,19E-03	1,65E+01	2,49E-04	1,66E+01	-1,98E-02
Resource: Secondary materials | SM	kg (SM)	3,50E-01	3,42E-03	5,89E-03	2,85E+01	1,24E-03	2,88E+01	-1,16E-01

* The details of module B are available in the dedicated tables at the end of this section.

Waste category indicators

Indicators	Unit	A1-A3	A4	A5	B1-B7	C1-C4	Total (exluding D)	D
Waste: Hazardous waste disposed | HWD	kg (HWD)	1,36E+00	2,91E-03	5,76E-03	2,15E+00	1,54E-02	3,52E+00	-6,21E-02
Waste: Non-hazardous waste disposed | NHWD	kg (NHWD)	6,94E-01	1,50E-01	1,37E-02	6,62E+00	1,58E-01	7,64E+00	-4,30E-02
Waste: Radioactive waste disposed | RWD	kg (RWD)	2,85E-04	1,02E-06	4,17E-06	1,56E-02	3,09E-07	1,59E-02	-2,99E-05

* The details of module B are available in the dedicated tables at the end of this section.

Biogenic Carbon Inventory Flow

Indicators	Unit	Total
Biogenic carbon content of the product	kg of C	0
Biogenic Carbon content of associated packaging	kg of C	3,06E-03

Detailed Module B

Indicator	Unit	B1	B2	B3	B4	B5	B6	B7	B1-B7
Environment: Abiotic depletion potential (elements) | ADPE	kg Sb eq	0	0	0	0	0	1,16E-03	0	1,16E-03
Environment: Abiotic depletion potential (fossils) | ADPF	MJ (net calorific)	0	0	0	0	0	2,20E+03	0	2,20E+03
Environment: Acidification potential | AP	mol H+ eq	0	0	0	0	0	5,46E-01	0	5,46E-01
Environment: Eutrophication potential (freshwater) | EPF	kg P eq	0	0	0	0	0	9,01E-02	0	9,01E-02
Environment: Eutrophication potential (marine) | EPM	kg N eq	0	0	0	0	0	8,82E-02	0	8,82E-02
Environment: Eutrophication potential (terrestrial) | EPT	mol N eq	0	0	0	0	0	7,99E-01	0	7,99E-01
Environment: Global warming potential (biogenic) | GWPB	kg CO2 eq	0	0	0	0	0	3,28E+00	0	3,28E+00
Environment: Global warming potential (fossil) | GWPF	kg CO2 eq	0	0	0	0	0	9,52E+01	0	9,52E+01
Environment: Global warming potential (land use) | GWPL	kg CO2 eq	0	0	0	0	0	2,38E-01	0	2,38E-01
Environment: Global warming potential (total) | GWPT	kg CO2 eq	0	0	0	0	0	9,87E+01	0	9,87E+01
Environment: Ozone depletion potential | ODP	kg CFC-11 eq	0	0	0	0	0	1,81E-06	0	1,81E-06
Environment: Photochemical ozone creation potential | POCP	kg NMVOC eq	0	0	0	0	0	2,56E-01	0	2,56E-01
Environment: Water deprivation potential | WDP	m3 world eq	0	0	0	0	0	5,46E+01	0	5,46E+01
Environment: Ecotoxicity potential (freshwater) | ETPF	CTUh	0	0	0	0	0	3,63E+02	0	3,63E+02
Environment: Human toxicity (carcinogenic) | HTC	kBq U235 eq	0	0	0	0	0	4,76E-08	0	4,76E-08
Environment: Human toxicity (non-carcinogenic) | HTNC	dimensionless	0	0	0	0	0	1,91E-06	0	1,91E-06
Environment: Ionising radiation (human health) | IRH	disease incidence	0	0	0	0	0	6,11E+01	0	6,11E+01
Environment: Land use and land use change | LULUC	CTUh	0	0	0	0	0	5,81E+02	0	5,81E+02
Environment: Particulate matter formation | PMF	kBq U235 eq	0	0	0	0	0	2,00E-06	0	2,00E-06

Output: Components for reuse | CRU	kg (CRU)	0	0	0	0	0	0	0	0
Output: Exported energy (electrical) | EEE	MJ (EEE)	0	0	0	0	0	0	0	0
Output: Exported energy (thermal) | EET	MJ (EET)	0	0	0	0	0	0	0	0
Output: Materials for energy recovery | MER	kg (MER)	0	0	0	0	0	0	0	0
Output: Materials for recycling | MFR	kg (MFR)	0	0	0	0	0	2,77E+01	0	2,77E+01
Primary energy: Non-renewable (energy use) | PENRE	MJ (PENRE)	0	0	0	0	0	2,17E+03	0	2,17E+03
Primary energy: Non-renewable (material use) | PENRM	MJ (PENRM)	0	0	0	0	0	3,17E+01	0	3,17E+01
Primary energy: Non-renewable (total) | PENRT	MJ (PENRT)	0	0	0	0	0	2,20E+03	0	2,20E+03
Primary energy: Renewable (energy use) | PERE	MJ (PERE)	0	0	0	0	0	4,84E+02	0	4,84E+02
Primary energy: Renewable (material use) | PERM	MJ (PERM)	0	0	0	0	0	0	0	0
Primary energy: Renewable (total) | PERT	MJ (PERT)	0	0	0	0	0	4,84E+02	0	4,84E+02
Resource: Net use of fresh water | FW	m3 (FW)	0	0	0	0	0	1,75E+00	0	1,75E+00
Resource: Non-renewable secondary fuels | NRSF	MJ (NRSF)	0	0	0	0	0	1,64E+01	0	1,64E+01
Resource: Renewable secondary fuels | RSF	MJ (RSF)	0	0	0	0	0	1,65E+01	0	1,65E+01
Resource: Secondary materials | SM	kg (SM)	0	0	0	0	0	2,85E+01	0	2,85E+01
Waste: Hazardous waste disposed | HWD	kg (HWD)	0	0	0	0	0	2,15E+00	0	2,15E+00
Waste: Non-hazardous waste disposed | NHWD	kg (NHWD)	0	0	0	0	0	6,62E+00	0	6,62E+00
Waste: Radioactive waste disposed | RWD	kg (RWD)	0	0	0	0	0	1,56E-02	0	1,56E-02

Environmental impact of the reference product calculated for the declared unit.

This environmental declaration has been developed considering an outgoing artificial luminous flux of 2600 lumens over a reference lifetime of 50,000 hours.

Mandatory environmental impact indicators

Indicators	Unit	A1-A3	A4	A5	B1-B7	C1-C4	Total (exluding D)	D
Environment: Abiotic depletion potential (elements) | ADPE	kg Sb eq	3,11E-03	2,69E-06	8,41E-06	4,31E-03	6,72E-07	7,43E-03	-1,09E-03
Environment: Abiotic depletion potential (fossils) | ADPF	MJ (net calorific)	6,19E+02	1,17E+01	7,21E+00	8,19E+03	2,98E+00	8,83E+03	-4,38E+01
Environment: Acidification potential | AP	mol H+ eq	4,10E-01	2,67E-03	3,39E-03	2,03E+00	7,43E-04	2,45E+00	-3,63E-02
Environment: Eutrophication potential (freshwater) | EPF	kg P eq	3,07E-02	5,74E-05	2,74E-04	3,35E-01	2,20E-05	3,66E-01	-4,48E-03
Environment: Eutrophication potential (marine) | EPM	kg N eq	6,47E-02	9,20E-04	7,41E-04	3,28E-01	6,55E-04	3,95E-01	-5,15E-03
Environment: Eutrophication potential (terrestrial) | EPT	mol N eq	6,41E-01	9,71E-03	6,94E-03	2,97E+00	2,59E-03	3,63E+00	-5,36E-02
Environment: Global warming potential (biogenic) | GWPB	kg CO2 eq	-4,22E-01	7,17E-04	3,68E-04	1,22E+01	-1,57E-03	1,17E+01	5,51E-02
Environment: Global warming potential (fossil) | GWPF	kg CO2 eq	5,13E+01	8,20E-01	5,53E-01	3,54E+02	2,28E-01	4,07E+02	-3,24E+00
Environment: Global warming potential (land use) | GWPL	kg CO2 eq	6,35E-02	4,04E-04	1,05E-03	8,85E-01	2,19E-04	9,50E-01	-9,83E-03
Environment: Global warming potential (total) | GWPT	kg CO2 eq	5,10E+01	8,21E-01	5,55E-01	3,67E+02	2,27E-01	4,19E+02	-3,20E+00
Environment: Ozone depletion potential | ODP	kg CFC-11 eq	9,97E-07	1,78E-08	6,24E-09	6,74E-06	4,54E-09	7,77E-06	-1,54E-07
Environment: Photochemical ozone creation potential | POCP	kg NMVOC eq	2,22E-01	3,99E-03	2,07E-03	9,53E-01	1,05E-03	1,18E+00	-1,64E-02
Environment: Water deprivation potential | WDP	m3 world eq	9,58E+01	5,74E-02	2,18E-01	2,03E+02	1,90E-02	2,99E+02	-1,41E+00

* The details of module B are available in the dedicated tables at the end of this section.

Optional environmental impact indicators

Indicators	Unit	A1-A3	A4	A5	B1-B7	C1-C4	Total (exluding D)	D
Environment: Ecotoxicity potential (freshwater) | ETPF	CTUe	4,60E+02	5,74E+00	2,25E+00	1,35E+03	3,50E+00	1,82E+03	-8,82E+01
Environment: Human toxicity (carcinogenic) | HTC	CTUh	5,90E-08	3,74E-10	3,40E-10	1,77E-07	1,50E-10	2,37E-07	-5,48E-09
Environment: Human toxicity (non-carcinogenic) | HTNC	CTUh	1,10E-06	8,25E-09	8,89E-09	7,10E-06	2,17E-09	8,22E-06	-1,81E-07
Environment: Ionising radiation (human health) | IRH	kBq U235 eq	4,28E+00	1,56E-02	6,31E-02	2,27E+02	4,72E-03	2,31E+02	-4,44E-01
Environment: Land use and land use change | LULUC	dimensionless	4,72E+02	8,18E+00	1,62E+01	2,16E+03	2,84E+00	2,66E+03	-9,05E+01
Environment: Particulate matter formation | PMF	disease incidence	3,10E-06	6,53E-08	3,40E-08	7,44E-06	1,70E-08	1,07E-05	-1,96E-07

* The details of module B are available in the dedicated tables at the end of this section.

Output flow indicators

Indicators	Unit	A1-A3	A4	A5	B1-B7	C1-C4	Total (exluding D)	D
Output: Components for reuse | CRU	kg (CRU)	0	0	0	0	0	0	0
Output: Exported energy (electrical) | EEE	MJ (EEE)	0	0	0	0	0	0	0
Output: Exported energy (thermal) | EET	MJ (EET)	0	0	0	0	0	0	0
Output: Materials for energy recovery | MER	kg (MER)	0	0	0	0	0	0	0
Output: Materials for recycling | MFR	kg (MFR)	1,92E+00	1,15E-02	1,57E-02	1,03E+02	4,35E-03	1,04E+02	-5,07E-01

* The details of module B are available in the dedicated tables at the end of this section.

Resource utilisation indicators

Indicators	Unit	A1-A3	A4	A5	B1-B7	C1-C4	Total (exluding D)	D
Primary energy: Non-renewable (energy use) | PENRE	MJ (PENRE)	6,03E+02	1,07E+01	7,02E+00	8,07E+03	2,73E+00	8,70E+03	-4,26E+01
Primary energy: Non-renewable (material use) | PENRM	MJ (PENRM)	1,57E+01	1,02E+00	1,86E-01	1,18E+02	2,45E-01	1,35E+02	-1,15E+00
Primary energy: Non-renewable (total) | PENRT	MJ (PENRT)	6,19E+02	1,17E+01	7,21E+00	8,19E+03	2,98E+00	8,83E+03	-4,38E+01
Primary energy: Renewable (energy use) | PERE	MJ (PERE)	7,75E+01	1,80E-01	2,33E+00	1,80E+03	9,40E-02	1,88E+03	-7,11E+00
Primary energy: Renewable (material use) | PERM	MJ (PERM)	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Primary energy: Renewable (total) | PERT	MJ (PERT)	7,75E+01	1,80E-01	2,33E+00	1,80E+03	9,40E-02	1,88E+03	-7,11E+00
Resource: Net use of fresh water | FW	m3 (FW)	2,19E+00	1,40E-03	4,83E-03	6,50E+00	5,38E-04	8,70E+00	-3,32E-02
Resource: Non-renewable secondary fuels | NRSF	MJ (NRSF)	1,10E+00	6,73E-03	2,38E-02	6,08E+01	2,07E-03	6,19E+01	-1,42E-01
Resource: Renewable secondary fuels | RSF	MJ (RSF)	3,87E-01	3,42E-03	8,15E-03	6,12E+01	9,26E-04	6,16E+01	-7,37E-02
Resource: Secondary materials | SM	kg (SM)	1,30E+00	1,27E-02	2,19E-02	1,06E+02	4,61E-03	1,07E+02	-4,33E-01

* The details of module B are available in the dedicated tables at the end of this section.

Waste category indicators

Indicators	Unit	A1-A3	A4	A5	B1-B7	C1-C4	Total (exluding D)	D
Waste: Hazardous waste disposed | HWD	kg (HWD)	5,04E+00	1,08E-02	2,14E-02	8,01E+00	5,73E-02	1,31E+01	-2,31E-01
Waste: Non-hazardous waste disposed | NHWD	kg (NHWD)	2,58E+00	5,57E-01	5,09E-02	2,46E+01	5,89E-01	2,84E+01	-1,60E-01
Waste: Radioactive waste disposed | RWD	kg (RWD)	1,06E-03	3,78E-06	1,55E-05	5,81E-02	1,15E-06	5,92E-02	-1,11E-04

* The details of module B are available in the dedicated tables at the end of this section.

Biogenic Carbon Inventory Flow

Indicators	Unit	Total
Biogenic carbon content of the product	kg of C	0
Biogenic Carbon content of associated packaging	kg of C	1,14E-02

Detailed Module B

Indicator	Unit	B1	B2	B3	B4	B5	B6	B7	B1-B7
Environment: Abiotic depletion potential (elements) | ADPE	kg Sb eq	0	0	0	0	0	4,31E-03	0	4,31E-03
Environment: Abiotic depletion potential (fossils) | ADPF	MJ (net calorific)	0	0	0	0	0	8,19E+03	0	8,19E+03
Environment: Acidification potential | AP	mol H+ eq	0	0	0	0	0	2,03E+00	0	2,03E+00
Environment: Eutrophication potential (freshwater) | EPF	kg P eq	0	0	0	0	0	3,35E-01	0	3,35E-01
Environment: Eutrophication potential (marine) | EPM	kg N eq	0	0	0	0	0	3,28E-01	0	3,28E-01
Environment: Eutrophication potential (terrestrial) | EPT	mol N eq	0	0	0	0	0	2,97E+00	0	2,97E+00
Environment: Global warming potential (biogenic) | GWPB	kg CO2 eq	0	0	0	0	0	1,22E+01	0	1,22E+01
Environment: Global warming potential (fossil) | GWPF	kg CO2 eq	0	0	0	0	0	3,54E+02	0	3,54E+02
Environment: Global warming potential (land use) | GWPL	kg CO2 eq	0	0	0	0	0	8,85E-01	0	8,85E-01
Environment: Global warming potential (total) | GWPT	kg CO2 eq	0	0	0	0	0	3,67E+02	0	3,67E+02
Environment: Ozone depletion potential | ODP	kg CFC-11 eq	0	0	0	0	0	6,74E-06	0	6,74E-06
Environment: Photochemical ozone creation potential | POCP	kg NMVOC eq	0	0	0	0	0	9,53E-01	0	9,53E-01
Environment: Water deprivation potential | WDP	m3 world eq	0	0	0	0	0	2,03E+02	0	2,03E+02
Environment: Ecotoxicity potential (freshwater) | ETPF	CTUh	0	0	0	0	0	1,35E+03	0	1,35E+03
Environment: Human toxicity (carcinogenic) | HTC	kBq U235 eq	0	0	0	0	0	1,77E-07	0	1,77E-07

Environment: Human toxicity (non-carcinogenic) | HTNC	dimensionless	0	0	0	0	0	7,10E-06	0	7,10E-06
Environment: Ionising radiation (human health) | IRH	disease incidence	0	0	0	0	0	2,27E+02	0	2,27E+02
Environment: Land use and land use change | LULUC	CTUh	0	0	0	0	0	2,16E+03	0	2,16E+03
Environment: Particulate matter formation | PMF	kBq U235 eq	0	0	0	0	0	7,44E-06	0	7,44E-06
Output: Components for reuse | CRU	kg (CRU)	0	0	0	0	0	0	0	0
Output: Exported energy (electrical) | EEE	MJ (EEE)	0	0	0	0	0	0	0	0
Output: Exported energy (thermal) | EET	MJ (EET)	0	0	0	0	0	0	0	0
Output: Materials for energy recovery | MER	kg (MER)	0	0	0	0	0	0	0	0
Output: Materials for recycling | MFR	kg (MFR)	0	0	0	0	0	1,03E+02	0	1,03E+02
Primary energy: Non-renewable (energy use) | PENRE	MJ (PENRE)	0	0	0	0	0	8,07E+03	0	8,07E+03
Primary energy: Non-renewable (material use) | PENRM	MJ (PENRM)	0	0	0	0	0	1,18E+02	0	1,18E+02
Primary energy: Non-renewable (total) | PENRT	MJ (PENRT)	0	0	0	0	0	8,19E+03	0	8,19E+03
Primary energy: Renewable (energy use) | PERE	MJ (PERE)	0	0	0	0	0	1,80E+03	0	1,80E+03
Primary energy: Renewable (material use) | PERM	MJ (PERM)	0	0	0	0	0	0,00E+00	0	0,00E+00
Primary energy: Renewable (total) | PERT	MJ (PERT)	0	0	0	0	0	1,80E+03	0	1,80E+03
Resource: Net use of fresh water | FW	m3 (FW)	0	0	0	0	0	6,50E+00	0	6,50E+00
Resource: Non-renewable secondary fuels | NRSF	MJ (NRSF)	0	0	0	0	0	6,08E+01	0	6,08E+01
Resource: Renewable secondary fuels | RSF	MJ (RSF)	0	0	0	0	0	6,12E+01	0	6,12E+01
Resource: Secondary materials | SM	kg (SM)	0	0	0	0	0	1,06E+02	0	1,06E+02
Waste: Hazardous waste disposed | HWD	kg (HWD)	0	0	0	0	0	8,01E+00	0	8,01E+00
Waste: Non-hazardous waste disposed | NHWD	kg (NHWD)	0	0	0	0	0	2,46E+01	0	2,46E+01
Waste: Radioactive waste disposed | RWD	kg (RWD)	0	0	0	0	0	5,81E-02	0	5,81E-02

Homogeneous environmental family and extrapolation coefficients

For the references within this homogeneous family covered by this PEP, extrapolation factors are calculated individually for each reference—from A1 to A5 and C1 to C4—based on weight, and for the use phase (B), based on power consumption.

Covered references

NUMINOS® L		Covered references
3 Ph.	DALI	1004554 ; 1004555 ; 1004556 ; 1004562 ; 1004563 ; 1004564 ; 1004570 ; 1004571 ; 1004572 ; 1004558 ; 1004559 ; 1004560 ; 1004566 ; 1004567 ; 1004568 ; 1004574 ; 1004575 ; 1004576
	PHASE	1004266 ; 1004267 ; 1004268 ; 1004274 ; 1004275 ; 1004276 ; 1004282 ; 1004283 ; 1004284 ; 1004270 ; 1004271 ; 1004272 ; 1004278 ; 1004279 ; 1004280 ; 1004286 ; 1004287 ; 1004288
CL	DALI	1004578 ; 1004579 ; 1004580 ; 1004586 ; 1004587 ; 1004588 ; 1004594 ; 1004595 ; 1004596 ; 1004582 ; 1004583 ; 1004584 ; 1004590 ; 1004591 ; 1004592 ; 1004598 ; 1004599 ; 1004600 ; 1004602 ; 1004603 ; 1004604 ; 1004610 ; 1004611 ; 1004612 ; 1004618 ; 1004619 ; 1004620
	PHASE	1004291 ; 1004292 ; 1004298 ; 1004299 ; 1004300 ; 1004306 ; 1004307 ; 1004308 ; 1004294 ; 1004295 ; 1004296 ; 1004302 ; 1004303 ; 1004304 ; 1004310 ; 1004311 ; 1004312 ; 1004314 ; 1004315 ; 1004316 ; 1004322 ; 1004323 ; 1004324 ; 1004330 ; 1004331 ; 1004332 ; 1004318 ; 1004319 ; 1004320 ; 1004326 ; 1004327 ; 1004328 ; 1004334 ; 1004335 ; 1004336 ; 1004290
PD	DALI	1004626 ; 1004627 ; 1004628 ; 1004634 ; 1004635 ; 1004636 ; 1004642 ; 1004643 ; 1004644 ; 1004630 ; 1004631 ; 1004632 ; 1004638 ; 1004639 ; 1004640 ; 1004646 ; 1004647 ; 1004648
	PHASE	1004338 ; 1004339 ; 1004340 ; 1004346 ; 1004347 ; 1004348 ; 1004354 ; 1004355 ; 1004356 ; 1004342 ; 1004343 ; 1004344 ; 1004350 ; 1004351 ; 1004352 ; 1004358 ; 1004359 ; 1004360

Commercial reference	Power (W)	Artficial output luminous flux (lm)	Mass of the structure of the product (g)	Mass of Packaging(g)	Mass of LED Module(g)	Mass of LED Driver(g)
Reference product						
NUMINOS® L, 3Ph., PHASE : 1004284	20	2600	910	290	1,4	110
Products						
NUMINOS® L, CL, PHASE : 1004290	20	2300	980	320	1,4	110
NUMINOS® L, CL, PHASE : 1004291	20	2300	980	320	1,4	110
NUMINOS® L, CL, PHASE : 1004292	20	2300	980	320	1,4	110
NUMINOS® L, CL, PHASE : 1004298	20	2400	980	320	1,4	110
NUMINOS® L, CL, PHASE : 1004299	20	2400	980	320	1,4	110
NUMINOS® L, CL, PHASE : 1004300	20	2400	980	320	1,4	110
NUMINOS® L, CL, PHASE : 1004306	20	2600	980	320	1,4	110
NUMINOS® L, CL, PHASE : 1004307	20	2600	980	320	1,4	110
NUMINOS® L, CL, PHASE : 1004308	20	2600	980	320	1,4	110
NUMINOS® L, CL, DALI : 1004578	19	2300	1120	300	1,4	110
NUMINOS® L, CL, DALI : 1004579	19	2300	1120	300	1,4	110
NUMINOS® L, CL, DALI : 1004580	19	2300	1120	300	1,4	110
NUMINOS® L, CL, DALI : 1004586	19	2400	1120	300	1,4	110
NUMINOS® L, CL, DALI : 1004587	19	2400	1120	300	1,4	110
NUMINOS® L, CL, DALI : 1004588	19	2400	1120	300	1,4	110
NUMINOS® L, CL, DALI : 1004594	19	2600	1120	300	1,4	110
NUMINOS® L, CL, DALI : 1004595	19	2600	1120	300	1,4	110
NUMINOS® L, CL, DALI : 1004596	19	2600	1120	300	1,4	110
NUMINOS® L, CL, PHASE : 1004294	20	2300	980	320	1,4	110
NUMINOS® L, CL, PHASE : 1004295	20	2300	980	320	1,4	110
NUMINOS® L, CL, PHASE : 1004296	20	2300	980	320	1,4	110
NUMINOS® L, CL, PHASE : 1004302	20	2400	980	320	1,4	110
NUMINOS® L, CL, PHASE : 1004303	20	2400	980	320	1,4	110
NUMINOS® L, CL, PHASE : 1004304	20	2400	980	320	1,4	110
NUMINOS® L, CL, PHASE : 1004310	20	2600	980	320	1,4	110
NUMINOS® L, CL, PHASE : 1004311	20	2600	980	320	1,4	110
NUMINOS® L, CL, PHASE : 1004312	20	2600	980	320	1,4	110
NUMINOS® L, CL, DALI : 1004582	19	2300	1120	300	1,4	110
NUMINOS® L, CL, DALI : 1004583	19	2300	1120	300	1,4	110
NUMINOS® L, CL, DALI : 1004584	19	2300	1120	300	1,4	110
NUMINOS® L, CL, DALI : 1004590	19	2400	1120	300	1,4	110
NUMINOS® L, CL, DALI : 1004591	19	2400	1120	300	1,4	110
NUMINOS® L, CL, DALI : 1004592	19	2400	1120	300	1,4	110
NUMINOS® L, CL, DALI : 1004598	19	2600	1120	300	1,4	110
NUMINOS® L, CL, DALI : 1004599	19	2600	1120	300	1,4	110
NUMINOS® L, CL, DALI : 1004600	19	2600	1120	300	1,4	110
NUMINOS® L, PD, PHASE : 1004338	20	2300	1180	310	1,4	110
NUMINOS® L, PD, PHASE : 1004339	20	2300	1180	310	1,4	110
NUMINOS® L, PD, PHASE : 1004340	20	2300	1180	310	1,4	110
NUMINOS® L, PD, PHASE : 1004346	20	2400	1180	310	1,4	110
NUMINOS® L, PD, PHASE : 1004347	20	2400	1180	310	1,4	110
NUMINOS® L, PD, PHASE : 1004348	20	2400	1180	310	1,4	110
NUMINOS® L, PD, PHASE : 1004354	20	2600	1180	310	1,4	110
NUMINOS® L, PD, PHASE : 1004355	20	2600	1180	310	1,4	110
NUMINOS® L, PD, PHASE : 1004356	20	2600	1180	310	1,4	110
NUMINOS® L, PD, DALI , : 1004626	19	2300	1440	290	1,4	110
NUMINOS® L, PD, DALI : 1004627	19	2300	1440	290	1,4	110
NUMINOS® L, PD, DALI : 1004628	19	2300	1440	290	1,4	110
NUMINOS® L, PD, DALI : 1004634	19	2400	1440	290	1,4	110
NUMINOS® L, PD, DALI : 1004635	19	2400	1440	290	1,4	110

NUMINOS® L, PD, DALI : 1004636	19	2400	1440	290	1,4	110
NUMINOS® L, PD, DALI : 1004642	19	2600	1440	290	1,4	110
NUMINOS® L, PD, DALI : 1004643	19	2600	1440	290	1,4	110
NUMINOS® L, PD, DALI : 1004644	19	2600	1440	290	1,4	110
NUMINOS® L, PD, PHASE : 1004342	20	2300	1180	310	1,4	110
NUMINOS® L, PD, PHASE : 1004343	20	2300	1180	310	1,4	110
NUMINOS® L, PD, PHASE : 1004344	20	2300	1180	310	1,4	110
NUMINOS® L, PD, PHASE : 1004350	20	2400	1180	310	1,4	110
NUMINOS® L, PD, PHASE : 1004351	20	2400	1180	310	1,4	110
NUMINOS® L, PD, PHASE : 1004352	20	2400	1180	310	1,4	110
NUMINOS® L, PD, PHASE : 1004358	20	2600	1180	310	1,4	110
NUMINOS® L, PD, PHASE : 1004359	20	2600	1180	310	1,4	110
NUMINOS® L, PD, PHASE : 1004360	20	2600	1180	310	1,4	110
NUMINOS® L, PD, DALI : 1004630	19	2300	1440	290	1,4	110
NUMINOS® L, PD, DALI : 1004631	19	2300	1440	290	1,4	110
NUMINOS® L, PD, DALI : 1004632	19	2300	1440	290	1,4	110
NUMINOS® L, PD, DALI : 1004638	19	2400	1440	290	1,4	110
NUMINOS® L, PD, DALI : 1004639	19	2400	1440	290	1,4	110
NUMINOS® L, PD, DALI : 1004640	19	2400	1440	290	1,4	110
NUMINOS® L, PD, DALI : 1004646	19	2600	1440	290	1,4	110
NUMINOS® L, PD, DALI : 1004647	19	2600	1440	290	1,4	110
NUMINOS® L, PD, DALI : 1004648	19	2600	1440	290	1,4	110
NUMINOS® L, 3Ph., PHASE : 1004266	20	2300	910	290	1,4	110
NUMINOS® L, 3Ph., PHASE : 1004267	20	2300	910	290	1,4	110
NUMINOS® L, 3Ph., PHASE : 1004268	20	2300	910	290	1,4	110
NUMINOS® L, 3Ph., PHASE : 1004274	20	2400	910	290	1,4	110
NUMINOS® L, 3Ph., PHASE : 1004275	20	2400	910	290	1,4	110
NUMINOS® L, 3Ph., PHASE : 1004276	20	2400	910	290	1,4	110
NUMINOS® L, 3Ph., PHASE : 1004282	20	2600	910	290	1,4	110
NUMINOS® L, 3Ph., PHASE : 1004283	20	2600	910	290	1,4	110
NUMINOS® L, 3Ph., DALI : 1004554	19	2300	1080	290	1,4	110
NUMINOS® L, 3Ph., DALI : 1004555	19	2300	1080	290	1,4	110
NUMINOS® L, 3Ph., DALI : 1004556	19	2300	1080	290	1,4	110
NUMINOS® L, 3Ph., DALI : 1004562	19	2400	1080	290	1,4	110
NUMINOS® L, 3Ph., DALI : 1004563	19	2400	1080	290	1,4	110
NUMINOS® L, 3Ph., DALI : 1004564	19	2400	1080	290	1,4	110
NUMINOS® L, 3Ph., DALI : 1004570	19	2600	1080	290	1,4	110
NUMINOS® L, 3Ph., DALI : 1004571	19	2600	1080	290	1,4	110
NUMINOS® L, 3Ph., DALI : 1004572	19	2600	1080	290	1,4	110
NUMINOS® L, 3Ph., PHASE : 1004270	20	2300	910	290	1,4	110
NUMINOS® L, 3Ph., PHASE : 1004271	20	2300	910	290	1,4	110
NUMINOS® L, 3Ph., PHASE : 1004272	20	2300	910	290	1,4	110
NUMINOS® L, 3Ph., PHASE : 1004278	20	2400	910	290	1,4	110
NUMINOS® L, 3Ph., PHASE : 1004279	20	2400	910	290	1,4	110
NUMINOS® L, 3Ph., PHASE : 1004280	20	2400	910	290	1,4	110
NUMINOS® L, 3Ph., PHASE : 1004286	20	2600	910	290	1,4	110
NUMINOS® L, 3Ph., PHASE : 1004287	20	2600	910	290	1,4	110
NUMINOS® L, 3Ph., PHASE : 1004288	20	2600	910	290	1,4	110
NUMINOS® L, 3Ph., DALI : 1004558	19	2300	1080	290	1,4	110
NUMINOS® L, 3Ph., DALI : 1004559	19	2300	1080	290	1,4	110
NUMINOS® L, 3Ph., DALI : 1004560	19	2300	1080	290	1,4	110
NUMINOS® L, 3Ph., DALI : 1004566	19	2400	1080	290	1,4	110
NUMINOS® L, 3Ph., DALI : 1004567	19	2400	1080	290	1,4	110
NUMINOS® L, 3Ph., DALI : 1004568	19	2400	1080	290	1,4	110
NUMINOS® L, 3Ph., DALI : 1004574	19	2600	1080	290	1,4	110
NUMINOS® L, 3Ph., DALI : 1004575	19	2600	1080	290	1,4	110

NUMINOS® L, 3Ph., DALI : 1004576	19	2600	1080	290	1,4	110
NUMINOS® L, CL, PHASE : 1004314	20	2300	880	280	1,4	110
NUMINOS® L, CL, PHASE : 1004315	20	2300	880	280	1,4	110
NUMINOS® L, CL, PHASE : 1004316	20	2300	880	280	1,4	110
NUMINOS® L, CL, PHASE : 1004322	20	2400	880	280	1,4	110
NUMINOS® L, CL, PHASE : 1004323	20	2400	880	280	1,4	110
NUMINOS® L, CL, PHASE : 1004324	20	2400	880	280	1,4	110
NUMINOS® L, CL, PHASE : 1004330	20	2600	880	280	1,4	110
NUMINOS® L, CL, PHASE : 1004331	20	2600	880	280	1,4	110
NUMINOS® L, CL, PHASE : 1004332	20	2600	880	280	1,4	110
NUMINOS® L, CL, DALI : 1004602	19	2300	1000	280	1,4	110
NUMINOS® L, CL, DALI : 1004603	19	2300	1000	280	1,4	110
NUMINOS® L, CL, DALI : 1004604	19	2300	1000	280	1,4	110
NUMINOS® L, CL, DALI : 1004610	19	2400	1000	280	1,4	110
NUMINOS® L, CL, DALI : 1004611	19	2400	1000	280	1,4	110
NUMINOS® L, CL, DALI : 1004612	19	2400	1000	280	1,4	110
NUMINOS® L, CL, DALI : 1004618	19	2600	1000	280	1,4	110
NUMINOS® L, CL, DALI : 1004619	19	2600	1000	280	1,4	110
NUMINOS® L, CL, DALI : 1004620	19	2600	1000	280	1,4	110
NUMINOS® L, CL, PHASE : 1004318	20	2300	880	280	1,4	110
NUMINOS® L, CL, PHASE : 1004319	20	2300	880	280	1,4	110
NUMINOS® L, CL, PHASE : 1004320	20	2300	880	280	1,4	110
NUMINOS® L, CL, PHASE : 1004326	20	2400	880	280	1,4	110
NUMINOS® L, CL, PHASE : 1004327	20	2400	880	280	1,4	110
NUMINOS® L, CL, PHASE : 1004328	20	2400	880	280	1,4	110
NUMINOS® L, CL, PHASE : 1004334	20	2600	880	280	1,4	110
NUMINOS® L, CL, PHASE : 1004335	20	2600	880	280	1,4	110
NUMINOS® L, CL, PHASE : 1004336	20	2600	880	280	1,4	110

To assess the environmental impact of other products included in the PEP, multiply the impact values by the appropriate factors.

Extrapolation coefficient to the functional unit

Commercial reference	A1-A3: masse structure	A1-A3 : Packaging production	A1-A3: Module LED	A1-A3 : LED Driver	A4	A5	B2	B6	C1-C4
Reference product									
NUMINOS® L, 3Ph., PHASE : 1004284	1	1	1	1	1	1	1	1	1
Produit									
NUMINOS® L, CL, PHASE : 1004290	1	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, PHASE : 1004291	1	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, PHASE : 1004292	1	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, PHASE : 1004298	1	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, PHASE : 1004299	1	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, PHASE : 1004300	1	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, PHASE : 1004306	1	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, PHASE : 1004307	1	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, PHASE : 1004308	1	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, DALI : 1004578	1	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, DALI : 1004579	1	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, DALI : 1004580	1	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, DALI : 1004586	1	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, DALI : 1004587	1	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, DALI : 1004588	1	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, DALI : 1004594	1	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23

NUMINOS® L, CL, DALI : 1004595	1	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, DALI : 1004596	1	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, PHASE : 1004294	1	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, PHASE : 1004295	1	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, PHASE : 1004296	1	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, PHASE : 1004302	1	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, PHASE : 1004303	1	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, PHASE : 1004304	1	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, PHASE : 1004310	1	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, PHASE : 1004311	1	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, PHASE : 1004312	1	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, DALI : 1004582	1	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, DALI : 1004583	1	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, DALI : 1004584	1	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, DALI : 1004590	1	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, DALI : 1004591	1	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, DALI : 1004592	1	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, DALI : 1004598	1	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, DALI : 1004599	1	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, DALI : 1004600	1	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, PD, PHASE : 1004338	1	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, PHASE : 1004339	1	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, PHASE : 1004340	1	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, PHASE : 1004346	1	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, PHASE : 1004347	1	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, PHASE : 1004348	1	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, PHASE : 1004354	1	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, PHASE : 1004355	1	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, PHASE : 1004356	1	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® N/A, : 1004626	2	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, DALI : 1004627	2	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, DALI : 1004628	2	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, DALI : 1004634	2	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, DALI : 1004635	2	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, DALI : 1004636	2	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, DALI : 1004642	2	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, DALI : 1004643	2	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, DALI : 1004644	2	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, PHASE : 1004342	1	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, PHASE : 1004343	1	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, PHASE : 1004344	1	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, PHASE : 1004350	1	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, PHASE : 1004351	1	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, PHASE : 1004352	1	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, PHASE : 1004358	1	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, PHASE : 1004359	1	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, PHASE : 1004360	1	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, DALI : 1004630	2	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, DALI : 1004631	2	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, DALI : 1004632	2	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, DALI : 1004638	2	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, DALI : 1004639	2	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, DALI : 1004640	2	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, DALI : 1004646	2	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, DALI : 1004647	2	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, DALI : 1004648	2	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58

NUMINOS® L, 3Ph., PHASE : 1004266	1	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., PHASE : 1004267	1	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., PHASE : 1004268	1	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., PHASE : 1004274	1	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., PHASE : 1004275	1	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., PHASE : 1004276	1	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., PHASE : 1004282	1	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., PHASE : 1004283	1	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., DALI : 1004554	1	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., DALI : 1004555	1	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., DALI : 1004556	1	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., DALI : 1004562	1	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., DALI : 1004563	1	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., DALI : 1004564	1	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., DALI : 1004570	1	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., DALI : 1004571	1	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., DALI : 1004572	1	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., PHASE : 1004270	1	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., PHASE : 1004271	1	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., PHASE : 1004272	1	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., PHASE : 1004278	1	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., PHASE : 1004279	1	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., PHASE : 1004280	1	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., PHASE : 1004286	1	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., PHASE : 1004287	1	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., PHASE : 1004288	1	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., DALI : 1004558	1	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., DALI : 1004559	1	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., DALI : 1004560	1	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., DALI : 1004566	1	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., DALI : 1004567	1	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., DALI : 1004568	1	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., DALI : 1004574	1	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., DALI : 1004575	1	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., DALI : 1004576	1	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, CL, PHASE : 1004314	1	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, PHASE : 1004315	1	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, PHASE : 1004316	1	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, PHASE : 1004322	1	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, PHASE : 1004323	1	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, PHASE : 1004324	1	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, PHASE : 1004330	1	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, PHASE : 1004331	1	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, PHASE : 1004332	1	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, DALI : 1004602	1	0,97	1,00	1,00	1,07	0,97	1,10	0,95	1,10
NUMINOS® L, CL, DALI : 1004603	1	0,97	1,00	1,00	1,07	0,97	1,10	0,95	1,10
NUMINOS® L, CL, DALI : 1004604	1	0,97	1,00	1,00	1,07	0,97	1,10	0,95	1,10
NUMINOS® L, CL, DALI : 1004610	1	0,97	1,00	1,00	1,07	0,97	1,10	0,95	1,10
NUMINOS® L, CL, DALI : 1004611	1	0,97	1,00	1,00	1,07	0,97	1,10	0,95	1,10
NUMINOS® L, CL, DALI : 1004612	1	0,97	1,00	1,00	1,07	0,97	1,10	0,95	1,10
NUMINOS® L, CL, DALI : 1004618	1	0,97	1,00	1,00	1,07	0,97	1,10	0,95	1,10
NUMINOS® L, CL, DALI : 1004619	1	0,97	1,00	1,00	1,07	0,97	1,10	0,95	1,10
NUMINOS® L, CL, DALI : 1004620	1	0,97	1,00	1,00	1,07	0,97	1,10	0,95	1,10
NUMINOS® L, CL, PHASE : 1004318	1	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, PHASE : 1004319	1	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, PHASE : 1004320	1	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97

NUMINOS® L, CL, PHASE : 1004326	1	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, PHASE : 1004327	1	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, PHASE : 1004328	1	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, PHASE : 1004334	1	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, PHASE : 1004335	1	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, PHASE : 1004336	1	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97

Extrapolation coefficient to the declaration unit

Commercial reference	A1-A3: masse structure	A1-A3 : Packaging production	A1-A3: Module LED	A1-A3 : LED Driver	A4	A5	B2	B6	C1-C4
Reference product									
NUMINOS® L, 3Ph., PHASE : 1004284	1	1	1	1	1	1	1	1	1
Produit									
NUMINOS® L, CL, PHASE : 1004290	1,22	0,98	0,88	0,88	0,96	0,98	0,95	0,88	0,95
NUMINOS® L, CL, PHASE : 1004291	1,22	0,98	0,88	0,88	0,96	0,98	0,95	0,88	0,95
NUMINOS® L, CL, PHASE : 1004292	1,22	0,98	0,88	0,88	0,96	0,98	0,95	0,88	0,95
NUMINOS® L, CL, PHASE : 1004298	1,17	1,02	0,92	0,92	1,00	1,02	0,99	0,92	0,99
NUMINOS® L, CL, PHASE : 1004299	1,17	1,02	0,92	0,92	1,00	1,02	0,99	0,92	0,99
NUMINOS® L, CL, PHASE : 1004300	1,17	1,02	0,92	0,92	1,00	1,02	0,99	0,92	0,99
NUMINOS® L, CL, PHASE : 1004306	1,08	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, PHASE : 1004307	1,08	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, PHASE : 1004308	1,08	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, DALI : 1004578	1,39	0,92	0,88	0,88	1,05	0,92	1,09	0,84	1,09
NUMINOS® L, CL, DALI : 1004579	1,39	0,92	0,88	0,88	1,05	0,92	1,09	0,84	1,09
NUMINOS® L, CL, DALI : 1004580	1,39	0,92	0,88	0,88	1,05	0,92	1,09	0,84	1,09
NUMINOS® L, CL, DALI : 1004586	1,33	0,95	0,92	0,92	1,09	0,95	1,14	0,88	1,14
NUMINOS® L, CL, DALI : 1004587	1,33	0,95	0,92	0,92	1,09	0,95	1,14	0,88	1,14
NUMINOS® L, CL, DALI : 1004588	1,33	0,95	0,92	0,92	1,09	0,95	1,14	0,88	1,14
NUMINOS® L, CL, DALI : 1004594	1,23	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, DALI : 1004595	1,23	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, DALI : 1004596	1,23	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, PHASE : 1004294	1,22	0,98	0,88	0,88	0,96	0,98	0,95	0,88	0,95
NUMINOS® L, CL, PHASE : 1004295	1,22	0,98	0,88	0,88	0,96	0,98	0,95	0,88	0,95
NUMINOS® L, CL, PHASE : 1004296	1,22	0,98	0,88	0,88	0,96	0,98	0,95	0,88	0,95
NUMINOS® L, CL, PHASE : 1004302	1,17	1,02	0,92	0,92	1,00	1,02	0,99	0,92	0,99
NUMINOS® L, CL, PHASE : 1004303	1,17	1,02	0,92	0,92	1,00	1,02	0,99	0,92	0,99
NUMINOS® L, CL, PHASE : 1004304	1,17	1,02	0,92	0,92	1,00	1,02	0,99	0,92	0,99
NUMINOS® L, CL, PHASE : 1004310	1,08	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, PHASE : 1004311	1,08	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, PHASE : 1004312	1,08	1,10	1,00	1,00	1,08	1,10	1,08	1,00	1,08
NUMINOS® L, CL, DALI : 1004582	1,39	0,92	0,88	0,88	1,05	0,92	1,09	0,84	1,09
NUMINOS® L, CL, DALI : 1004583	1,39	0,92	0,88	0,88	1,05	0,92	1,09	0,84	1,09
NUMINOS® L, CL, DALI : 1004584	1,39	0,92	0,88	0,88	1,05	0,92	1,09	0,84	1,09
NUMINOS® L, CL, DALI : 1004590	1,33	0,95	0,92	0,92	1,09	0,95	1,14	0,88	1,14
NUMINOS® L, CL, DALI : 1004591	1,33	0,95	0,92	0,92	1,09	0,95	1,14	0,88	1,14
NUMINOS® L, CL, DALI : 1004592	1,33	0,95	0,92	0,92	1,09	0,95	1,14	0,88	1,14
NUMINOS® L, CL, DALI : 1004598	1,23	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, DALI : 1004599	1,23	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, CL, DALI : 1004600	1,23	1,03	1,00	1,00	1,18	1,03	1,23	0,95	1,23
NUMINOS® L, PD, PHASE : 1004338	1,47	0,95	0,88	0,88	1,10	0,95	1,15	0,88	1,15
NUMINOS® L, PD, PHASE : 1004339	1,47	0,95	0,88	0,88	1,10	0,95	1,15	0,88	1,15
NUMINOS® L, PD, PHASE : 1004340	1,47	0,95	0,88	0,88	1,10	0,95	1,15	0,88	1,15

NUMINOS® L, PD, PHASE : 1004346	1,40	0,99	0,92	0,92	1,15	0,99	1,20	0,92	1,20
NUMINOS® L, PD, PHASE : 1004347	1,40	0,99	0,92	0,92	1,15	0,99	1,20	0,92	1,20
NUMINOS® L, PD, PHASE : 1004348	1,40	0,99	0,92	0,92	1,15	0,99	1,20	0,92	1,20
NUMINOS® L, PD, PHASE : 1004354	1,30	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, PHASE : 1004355	1,30	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, PHASE : 1004356	1,30	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® N/A, : 1004626	1,79	0,88	0,88	0,88	1,28	0,88	1,40	0,84	1,40
NUMINOS® L, PD, DALI : 1004627	1,79	0,88	0,88	0,88	1,28	0,88	1,40	0,84	1,40
NUMINOS® L, PD, DALI : 1004628	1,79	0,88	0,88	0,88	1,28	0,88	1,40	0,84	1,40
NUMINOS® L, PD, DALI : 1004634	1,71	0,92	0,92	0,92	1,33	0,92	1,46	0,88	1,46
NUMINOS® L, PD, DALI : 1004635	1,71	0,92	0,92	0,92	1,33	0,92	1,46	0,88	1,46
NUMINOS® L, PD, DALI : 1004636	1,71	0,92	0,92	0,92	1,33	0,92	1,46	0,88	1,46
NUMINOS® L, PD, DALI : 1004642	1,58	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, DALI : 1004643	1,58	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, DALI : 1004644	1,58	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, PHASE : 1004342	1,47	0,95	0,88	0,88	1,10	0,95	1,15	0,88	1,15
NUMINOS® L, PD, PHASE : 1004343	1,47	0,95	0,88	0,88	1,10	0,95	1,15	0,88	1,15
NUMINOS® L, PD, PHASE : 1004344	1,47	0,95	0,88	0,88	1,10	0,95	1,15	0,88	1,15
NUMINOS® L, PD, PHASE : 1004350	1,40	0,99	0,92	0,92	1,15	0,99	1,20	0,92	1,20
NUMINOS® L, PD, PHASE : 1004351	1,40	0,99	0,92	0,92	1,15	0,99	1,20	0,92	1,20
NUMINOS® L, PD, PHASE : 1004352	1,40	0,99	0,92	0,92	1,15	0,99	1,20	0,92	1,20
NUMINOS® L, PD, PHASE : 1004358	1,30	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, PHASE : 1004359	1,30	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, PHASE : 1004360	1,30	1,07	1,00	1,00	1,24	1,07	1,30	1,00	1,30
NUMINOS® L, PD, DALI : 1004630	1,79	0,88	0,88	0,88	1,28	0,88	1,40	0,84	1,40
NUMINOS® L, PD, DALI : 1004631	1,79	0,88	0,88	0,88	1,28	0,88	1,40	0,84	1,40
NUMINOS® L, PD, DALI : 1004632	1,79	0,88	0,88	0,88	1,28	0,88	1,40	0,84	1,40
NUMINOS® L, PD, DALI : 1004638	1,71	0,92	0,92	0,92	1,33	0,92	1,46	0,88	1,46
NUMINOS® L, PD, DALI : 1004639	1,71	0,92	0,92	0,92	1,33	0,92	1,46	0,88	1,46
NUMINOS® L, PD, DALI : 1004640	1,71	0,92	0,92	0,92	1,33	0,92	1,46	0,88	1,46
NUMINOS® L, PD, DALI : 1004646	1,58	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, DALI : 1004647	1,58	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, PD, DALI : 1004648	1,58	1,00	1,00	1,00	1,44	1,00	1,58	0,95	1,58
NUMINOS® L, 3Ph., PHASE : 1004266	1,13	0,88	0,88	0,88	0,88	0,88	0,88	0,88	0,88
NUMINOS® L, 3Ph., PHASE : 1004267	1,13	0,88	0,88	0,88	0,88	0,88	0,88	0,88	0,88
NUMINOS® L, 3Ph., PHASE : 1004268	1,13	0,88	0,88	0,88	0,88	0,88	0,88	0,88	0,88
NUMINOS® L, 3Ph., PHASE : 1004274	1,08	0,92	0,92	0,92	0,92	0,92	0,92	0,92	0,92
NUMINOS® L, 3Ph., PHASE : 1004275	1,08	0,92	0,92	0,92	0,92	0,92	0,92	0,92	0,92
NUMINOS® L, 3Ph., PHASE : 1004276	1,08	0,92	0,92	0,92	0,92	0,92	0,92	0,92	0,92
NUMINOS® L, 3Ph., PHASE : 1004282	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., PHASE : 1004283	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., DALI : 1004554	1,34	0,88	0,88	0,88	1,01	0,88	1,05	0,84	1,05
NUMINOS® L, 3Ph., DALI : 1004555	1,34	0,88	0,88	0,88	1,01	0,88	1,05	0,84	1,05
NUMINOS® L, 3Ph., DALI : 1004556	1,34	0,88	0,88	0,88	1,01	0,88	1,05	0,84	1,05
NUMINOS® L, 3Ph., DALI : 1004562	1,29	0,92	0,92	0,92	1,05	0,92	1,10	0,88	1,10
NUMINOS® L, 3Ph., DALI : 1004563	1,29	0,92	0,92	0,92	1,05	0,92	1,10	0,88	1,10
NUMINOS® L, 3Ph., DALI : 1004564	1,29	0,92	0,92	0,92	1,05	0,92	1,10	0,88	1,10
NUMINOS® L, 3Ph., DALI : 1004570	1,19	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., DALI : 1004571	1,19	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., DALI : 1004572	1,19	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., PHASE : 1004270	1,13	0,88	0,88	0,88	0,88	0,88	0,88	0,88	0,88
NUMINOS® L, 3Ph., PHASE : 1004271	1,13	0,88	0,88	0,88	0,88	0,88	0,88	0,88	0,88
NUMINOS® L, 3Ph., PHASE : 1004272	1,13	0,88	0,88	0,88	0,88	0,88	0,88	0,88	0,88
NUMINOS® L, 3Ph., PHASE : 1004278	1,08	0,92	0,92	0,92	0,92	0,92	0,92	0,92	0,92
NUMINOS® L, 3Ph., PHASE : 1004279	1,08	0,92	0,92	0,92	0,92	0,92	0,92	0,92	0,92
NUMINOS® L, 3Ph., PHASE : 1004280	1,08	0,92	0,92	0,92	0,92	0,92	0,92	0,92	0,92

NUMINOS® L, 3Ph., PHASE : 1004286	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., PHASE : 1004287	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., PHASE : 1004288	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
NUMINOS® L, 3Ph., DALI : 1004558	1,34	0,88	0,88	0,88	1,01	0,88	1,05	0,84	1,05
NUMINOS® L, 3Ph., DALI : 1004559	1,34	0,88	0,88	0,88	1,01	0,88	1,05	0,84	1,05
NUMINOS® L, 3Ph., DALI : 1004560	1,34	0,88	0,88	0,88	1,01	0,88	1,05	0,84	1,05
NUMINOS® L, 3Ph., DALI : 1004566	1,29	0,92	0,92	0,92	1,05	0,92	1,10	0,88	1,10
NUMINOS® L, 3Ph., DALI : 1004567	1,29	0,92	0,92	0,92	1,05	0,92	1,10	0,88	1,10
NUMINOS® L, 3Ph., DALI : 1004568	1,29	0,92	0,92	0,92	1,05	0,92	1,10	0,88	1,10
NUMINOS® L, 3Ph., DALI : 1004574	1,19	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., DALI : 1004575	1,19	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, 3Ph., DALI : 1004576	1,19	1,00	1,00	1,00	1,14	1,00	1,19	0,95	1,19
NUMINOS® L, CL, PHASE : 1004314	1,09	0,85	0,88	0,88	0,86	0,85	0,86	0,88	0,86
NUMINOS® L, CL, PHASE : 1004315	1,09	0,85	0,88	0,88	0,86	0,85	0,86	0,88	0,86
NUMINOS® L, CL, PHASE : 1004316	1,09	0,85	0,88	0,88	0,86	0,85	0,86	0,88	0,86
NUMINOS® L, CL, PHASE : 1004322	1,05	0,89	0,92	0,92	0,89	0,89	0,89	0,92	0,89
NUMINOS® L, CL, PHASE : 1004323	1,05	0,89	0,92	0,92	0,89	0,89	0,89	0,92	0,89
NUMINOS® L, CL, PHASE : 1004324	1,05	0,89	0,92	0,92	0,89	0,89	0,89	0,92	0,89
NUMINOS® L, CL, PHASE : 1004330	0,97	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, PHASE : 1004331	0,97	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, PHASE : 1004332	0,97	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, DALI : 1004602	1,24	0,85	0,88	0,88	0,94	0,85	0,97	0,84	0,97
NUMINOS® L, CL, DALI : 1004603	1,24	0,85	0,88	0,88	0,94	0,85	0,97	0,84	0,97
NUMINOS® L, CL, DALI : 1004604	1,24	0,85	0,88	0,88	0,94	0,85	0,97	0,84	0,97
NUMINOS® L, CL, DALI : 1004610	1,19	0,89	0,92	0,92	0,98	0,89	1,01	0,88	1,01
NUMINOS® L, CL, DALI : 1004611	1,19	0,89	0,92	0,92	0,98	0,89	1,01	0,88	1,01
NUMINOS® L, CL, DALI : 1004612	1,19	0,89	0,92	0,92	0,98	0,89	1,01	0,88	1,01
NUMINOS® L, CL, DALI : 1004618	1,10	0,97	1,00	1,00	1,07	0,97	1,10	0,95	1,10
NUMINOS® L, CL, DALI : 1004619	1,10	0,97	1,00	1,00	1,07	0,97	1,10	0,95	1,10
NUMINOS® L, CL, DALI : 1004620	1,10	0,97	1,00	1,00	1,07	0,97	1,10	0,95	1,10
NUMINOS® L, CL, PHASE : 1004318	1,09	0,85	0,88	0,88	0,86	0,85	0,86	0,88	0,86
NUMINOS® L, CL, PHASE : 1004319	1,09	0,85	0,88	0,88	0,86	0,85	0,86	0,88	0,86
NUMINOS® L, CL, PHASE : 1004320	1,09	0,85	0,88	0,88	0,86	0,85	0,86	0,88	0,86
NUMINOS® L, CL, PHASE : 1004326	1,05	0,89	0,92	0,92	0,89	0,89	0,89	0,92	0,89
NUMINOS® L, CL, PHASE : 1004327	1,05	0,89	0,92	0,92	0,89	0,89	0,89	0,92	0,89
NUMINOS® L, CL, PHASE : 1004328	1,05	0,89	0,92	0,92	0,89	0,89	0,89	0,92	0,89
NUMINOS® L, CL, PHASE : 1004334	0,97	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, PHASE : 1004335	0,97	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97
NUMINOS® L, CL, PHASE : 1004336	0,97	0,97	1,00	1,00	0,97	0,97	0,97	1,00	0,97

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Internal ☐

External ☑

Critical review of the PCR conducted by a panel of experts chaired by Julie ORGELET (DDemain)	
PEPs comply with standards NF C08-100-1:2016 and EN 50693:2019. PEP elements cannot be compared with elements from another program	
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