

OPTIX LINEAR SURFACE 1200 D/I LUMI 4K ALU SSC 2023859



Features

• OPTIX LINEAR SURFACE 1200 D/I LUMI 4000K ALU SSC is a suspended linear luminaire for office and education applications with Aluminised plastic extra low glare optics and RAL9016 colour fixture body. SylSmart Standalone enabled. 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. For 4000K - Colour rendering index Ra >98; Melanopic Ratio MEER: 0.784; Fidelity Index R#: 93; Gamut Index R#: 98. For 4000K luminous flux: 4000lm. Power consumption: 37W. Luminaire efficacy: 108lm/W. UGR<16 Luminance at 65°<200 Cd/m2, IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C. 60,000hrs L80B20 lifespan.

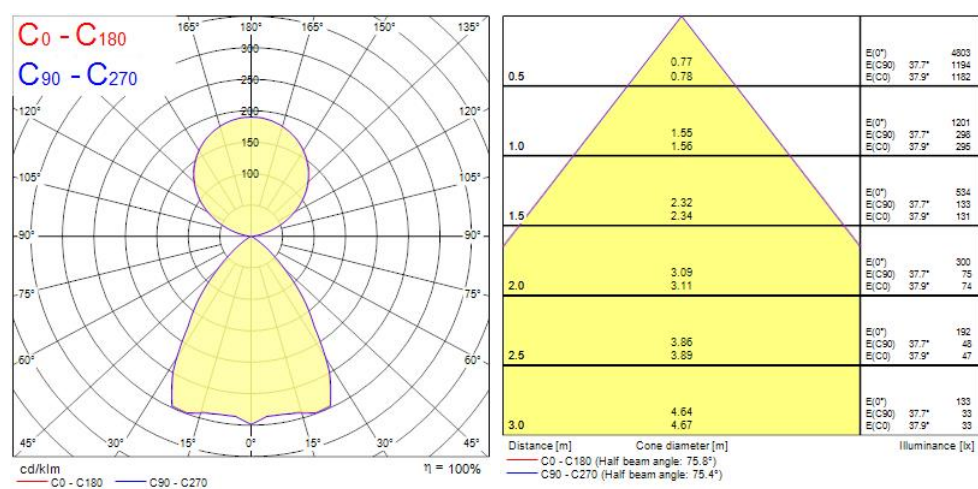
Product Overview

Product name	OPTIX LINEAR SURFACE 1200 D/I LUMI 4K ALU SSC
Technology	LED LumiNature
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Fixture rating	Enclosed
Fixture luminous flux (lm)	4020
Luminaire efficacy (lm/W)	109
Light colour	Neutral White
CRI (Ra)	98
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG1
Total power consumption (W)	37
Electrical protection	Class I

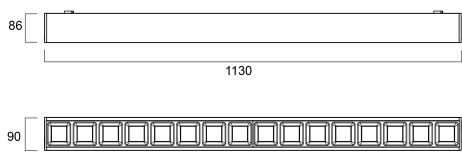
OPTIX LINEAR SURFACE 1200 D/I LUMI 4K ALU SSC
2023859

Control gear type	LED driver constant current
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5025768238590
Warranty	5 years

Photometry



Technical drawings



Data table

GENERAL DATA

OPTIX LINEAR SURFACE 1200 D/I LUMI 4K ALU SSC 2023859

Product name	OPTIX LINEAR SURFACE 1200 D/I LUMI 4K ALU SSC
Technology	LED LumiNature
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Fixture rating	Enclosed
Operating temperature range (°C)	10°C...+25°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	4020
Luminaire efficacy (lm/W)	109
Correlated colour temperature range (K)	2800 - 6200
Light colour	Neutral White
CRI (Ra)	98
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	37
Primary Supply/Product voltage - min (V)	198.0
Lamp power factor	0.98
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Drive current (mA)	250
Inrush Current (A)	23
Inrush Duration (µs)	174
Glow Wire Test (°C)	850

OPTIX LINEAR SURFACE 1200 D/I LUMI 4K ALU SSC 2023859

Energy Efficiency Class (A->G) of contained light source	F, F(more than 1 Light Source)
--	--------------------------------

Nominal Frequency (Hz)	50/60Hz
------------------------	---------

Max. products per 10A C Breaker	18
---------------------------------	----

Max. products per 20A B Breaker	17
---------------------------------	----

LIFETIME DATA

Lifespan L70 B50	100000
------------------	--------

Lifespan L80 B20	60000
------------------	-------

PHYSICAL DATA

Housing colour	RAL 9016 - Traffic white / Bezel
----------------	----------------------------------

IP rating	IP20
-----------	------

IK rating	IK07
-----------	------

Diffuser finish	Matt/satinized
-----------------	----------------

Diffuser material	PC Polycarbonate
-------------------	------------------

Nominal Product Length (mm)	1129
-----------------------------	------

Nominal Product Width (mm)	90
----------------------------	----

Weight (kg)	3.5
-------------	-----

PACKAGING

Single packaging type	Carton
-----------------------	--------

Product EAN number	5025768238590
--------------------	---------------

Packaging single width (cm)	10.0
-----------------------------	------

Packaging single depth (cm)	11.0
-----------------------------	------

DUN14 (outer)	05025768238590
---------------	----------------

Packaging outer length / height (cm)	119.0
--------------------------------------	-------

SAFETY DATA

Optimal operating condition (°C)	10-25
----------------------------------	-------

Special purpose lamp	No
----------------------	----

Dry applications use only	No
---------------------------	----

Suitable for household illumination	No
-------------------------------------	----

Concord

OPTIX LINEAR SURFACE 1200 D/I LUMI 4K ALU SSC
2023859
