



Features

- OPTIX SURFACE 1200 ASYMMETRIC 4000K SSC is a surface or wall mounted LED Linear luminaire with Asymmetric Aluminium Reflector, Asymmetric Light Distribution, Luminaire Dimensions: 1200x200x50mm, Sylvania White body colour, IP20, IK07, SylSmart Standalone controlled, Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 3480lm, 31W, 112lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, lifespan: 58,000 hours L90B10.

Product Overview

Product name	OPTIX SURFACE 1200 ASYMMETRIC 4000K SSC
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
General application	Education, Office
ETIM Class	EC002892
Fixture luminous flux (lm)	3480
Luminaire efficacy (lm/W)	112
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Photobiological Risk Group	RG0
Total power consumption (W)	31
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
LED Flickering Rate	Ultra low (5% or less)

Photometry



Concord
by **SYLVANIA**

OPTIX SURFACE 1200 ASYMMETRIC 4000K SSC 2021681

Product name	OPTIX SURFACE 1200 ASYMMETRIC 4000K SSC
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
General application	Education, Office
Operating temperature range (°C)	10°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	3480
Luminaire efficacy (lm/W)	112
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Distribution type	Asymmetric
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	31
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.98
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	9
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart SSC

OPTIX SURFACE 1200 ASYMMETRIC 4000K SSC 2021681

Drive current (mA)	300
Inrush Current (A)	29
Inrush Duration (µs)	180
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	21
Max. products per 13A C Breaker	28
Max. products per 16A C Breaker	36
Max. products per 20A C Breaker	45
Max. products per 10A B Breaker	13
Max. products per 13A B Breaker	17
Max. products per 16A B Breaker	22
Max. products per 20A B Breaker	27
Connectable conductor cross section - Max (mm²)	2.5

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B20	100000
Lifespan L90 B10	58000

PHYSICAL DATA

Housing colour	RAL9016
IP rating	IP20
IK rating	IK07
Diffuser finish	Other
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1200
Nominal Product Width (mm)	200
Nominal Product Height (mm)	50
Weight (kg)	3.9

PACKAGING

Product EAN number	5025768216819
Packaging single length / height (cm)	122.0
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (inner)	05025768216819
Units per outer package	1
Packaging outer length / height (cm)	122.0
Packaging outer width (cm)	22.5
Packaging outer depth (cm)	6.8

SAFETY DATA

Glow Wire Test (°C)	850
Optimal operating condition (°C)	10-25
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No