

Features

• OPTICLIP 1200 4000K C8 WH SSC WHITE is a high efficacy low glare luminaire with replaceable light engines for office and education applications. Ceiling recessed LED luminaire with white colour plastic optic, direct light distribution, luminaire dimensions: 1195x295x20mm, Sylvania White body colour (RAL9016), IP40 (from the front), IK07, SylSmart Standalone capable, low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 3100lm luminous flux, 24W power consumption, 129lm/W system efficacy, CRI>80, SDCM 3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<19, Luminance at 65° < 2000 cd/m2, lifespan: 62,000 hours L80B20, photobiological safety risk group 1. Electrical protection Class II. Glow wire test 850°C.

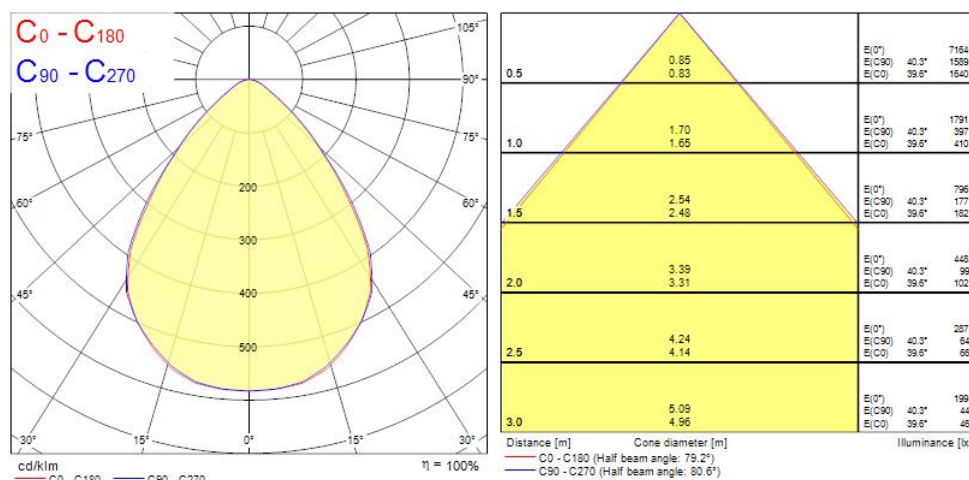
Product Overview

Product name	OptiClip 1200 4000K C8 WH SSC WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Education, Office
ETIM Class	EC002892
Fixture luminous flux (lm)	3100
Luminaire efficacy (lm/W)	129
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	78

OptiClip 1200 4000K C8 WH SSC WHITE 0044006

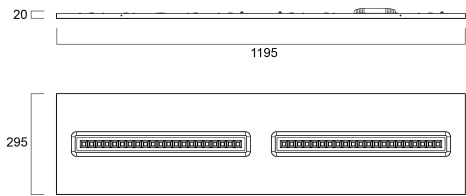
Glare control	< 19
Photobiological Risk Group	RG1
Total power consumption (W)	24
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9016
IP rating	IP40/20
IK rating	IK07
Product EAN number	5410288440064
Warranty	5 years
Dimming method	SylSmart SSC

Photometry



OptiClip 1200 4000K C8 WH SSC WHITE
0044006

Technical drawings



Data table

GENERAL DATA

Product name	OptiClip 1200 4000K C8 WH SSC WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Education, Office
Operating temperature range (°C)	-25°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	3100
Luminaire efficacy (lm/W)	129
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Luminous Intensity (cd)	1791

OptiClip 1200 4000K C8 WH SSC WHITE 0044006

Beam Angle (°)	78
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	24
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.98
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	5
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart SSC
Minimum dimming level (%)	1
Drive current (mA)	650
Inrush Current (A)	23
Inrush Duration (µs)	200
Energy Efficiency Class (A->G) of contained light source	E, E(more than 1 Light Source)
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	23
Max. products per 13A C Breaker	31
Max. products per 16A C Breaker	38
Max. products per 20A C Breaker	48
Max. products per 10A B Breaker	14
Max. products per 13A B Breaker	19
Max. products per 16A B Breaker	23
Max. products per 20A B Breaker	29
Connectable conductor cross section - Max (mm²)	2.5



OptiClip 1200 4000K C8 WH SSC WHITE
0044006

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B20	62500

PHYSICAL DATA

Housing colour	RAL9016
IP rating	IP40/20
IK rating	IK07
Diffuser finish	Matt/satinized
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1195
Nominal Product Width (mm)	295
Nominal Product Height (mm)	20
Weight (kg)	2.9

PACKAGING

Product EAN number	5410288440064
Packaging single length / height (cm)	120.0
Packaging single width (cm)	4.0
Packaging single depth (cm)	30.0
DUN14 (inner)	05410288440064
Units per outer package	1
Packaging outer length / height (cm)	120.0
Packaging outer width (cm)	4.0
Packaging outer depth (cm)	30.0

SAFETY DATA

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

SYLVANIA

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0044006

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