SYLVANIA

OptiClip 1250 4000K C8 WH SSA WHITE
0044031

Features

• OPTICLIP 1250 4000K C8 WH SSA WHITE is a high efficacy low glare luminaire with replaceable light engines for office and education appalications. Ceiling recessed LED luminaire with white colour plastic optic, direct light distribution, luminaire dimensions: 1245x307.5x52mm, Sylvania White body colour (RAL9016), IP20, IK07, SylSmart Connected Building capable, low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 3350lm luminous flux, 27W power consumption, 124lm/W system efficacy, CRI>80, SDCM 3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<19, Luminance at 65° < 2000 cd/m2, lumen maintenance: L80B50 at 60000h, photobiological safety risk group 1. Electrical protection Class II. Glow wire test 850°C.
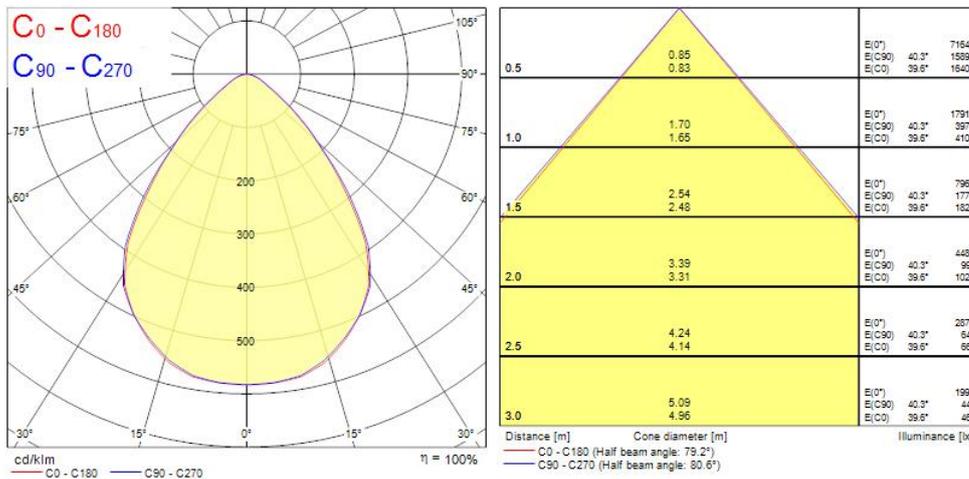
Product Overview

IPC Code	0044031
Product name	OptiClip 1250 4000K C8 WH SSA WHITE
Technology	LED
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)	124
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 19
Photobiological Risk Group	RG1
Total power consumption (W)	25
Electrical protection	Class II

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Control gear type	LED driver constant current
Dimmable	Yes
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Average life (Nominal) (h)	50000
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07

Photometry

Distance [m]	Cone diameter [m]		Illuminance [lx]		
0.5	0.85	0.83	E(0°)		7164
			E(C90) 40.3°		1589
			E(C0) 39.6°		1640
1.0	1.70	1.65	E(0°)		1791
			E(C90) 40.3°		397
			E(C0) 39.6°		410
1.5	2.54	2.48	E(0°)		796
			E(C90) 40.3°		177
			E(C0) 39.6°		182
2.0	3.39	3.31	E(0°)		448
			E(C90) 40.3°		99
			E(C0) 39.6°		102
2.5	4.24	4.14	E(0°)		287
			E(C90) 40.3°		64
			E(C0) 39.6°		66
3.0	5.09	4.96	E(0°)		199
			E(C90) 40.3°		44
			E(C0) 39.6°		45

C0 - C180 (Half beam angle: 79.2°)
C90 - C270 (Half beam angle: 80.6°)

Technical drawings
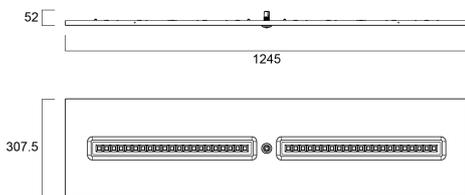
Data table

GENERAL DATA

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Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Education,Office
Operating temperature range (°C)	-20°C - 25°C
ETIM Class	EC002892

OPTICAL DATA

Fixture luminous flux (lm)	3100
Luminaire efficacy (lm/W)	124
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Distribution type	Symmetric,
Glare control	< 19
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	25
Mains voltage (V)	220-240V~
Lamp power factor	0.95
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Minimum dimming level (%)	1
Drive current (mA)	650
Inrush Current (A)	30
Inrush Duration (µs)	200
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)

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0044031

Max. Luminaires per 10A B Breaker	12
Max. Luminaires per 16A B Breaker	20

LIFETIME DATA

Lumen maintenance - L70 B50	60000
Lumen maintenance - L70 B20	60000
Lumen maintenance - L70 B10	60000
Lumen maintenance - L80 B50	60000
Lumen maintenance - L80 B20	60000
Lumen maintenance - L80 B10	60000
Lumen maintenance - L90 B50	33700
Lumen maintenance - L90 B20	30600
Lumen maintenance - L90 B10	29000
Average life (Nominal) (h)	50000

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)	1245
Nominal Product Width (mm)	312.5
Nominal Product Height (mm)	52
Weight (kg)	3.6

PACKAGING

Single packaging type	Carton
Packaging single length / height (cm)	137.0
Packaging single width (cm)	36.0
Packaging single depth (cm)	9.0
DUN14 (outer)	05410288440316
Units per outer package	1
Packaging outer length / height (cm)	137.0
Packaging outer width (cm)	36.0
Packaging outer depth (cm)	9.0

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0044031

SAFETY DATA

Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No

Energy label

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This luminaire contains built-in LED lamps

A++
A+
A
B
C
D
E

} LED

The lamps cannot be changed in the luminaire.

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