

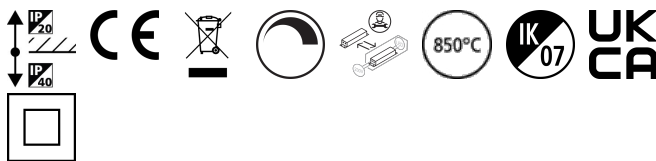
OptiClip 1200x300

OptiClip 1200 4000K C9 WH SSC WHITE

0044022

Product features

- OPTICLIP 1200 4000K C9 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, 3250lm luminous flux, 29W power consumption, 112lm/W system efficacy, CRI>90, SDCM 3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<20, 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 C9 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
Warranty	5 years
Fixture luminous flux (lm)	3250
Luminaire efficacy (lm/W)	112
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	80
Glare control	< 20
Photobiological Risk Group	RG1
Total power consumption (W)	29
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart SSC
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK07
Product EAN number	5410288440224

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DATA TABLE

General data

Product name	OptiClip 1200 4000K C9 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)	3250
Luminaire efficacy (lm/W)	112
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Luminous Intensity (cd)	1900
Beam Angle (°)	80
Distribution type	Symmetric
Glare control	< 20
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	29
Mains voltage (V)	220-240V
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
Transformer required	No
Dimmable	Yes
Dimming method	SylSmart SSC
Minimum dimming level (%)	1
Drive current (mA)	800
Inrush Current (A)	23
Inrush Duration (µs)	200
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	E, E(more than 1 Light Source)
Nominal Frequency (Hz)	50/60Hz

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LED Flickering Rate Ultra low (5% or less)

Max. Luminaires per 10A C Breaker 23

Max. Luminaires per 13A C Breaker 31

Max. Luminaires per 16A C Breaker 38

Max. Luminaires per 20A C Breaker 48

Max. Luminaires per 10A B Breaker 14

Max. Luminaires per 13A B Breaker 19

Max. Luminaires per 16A B Breaker 23

Max. Luminaires per 20A B Breaker 29

Lifetime data

Lifespan L70 B50 100000

Lifespan L80 B20 62500

Physical data

Housing colour RAL 9016 - Traffic white / Bezel

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

Single packaging type Carton

Product EAN number 5410288440224

Packaging single length / height (cm) 120.0

Packaging single width (cm) 4.0

Packaging single depth (cm) 30.0

DUN14 (outer) 05410288440224

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

Optimal operating condition (°C) -25-25

PHOTOMETRY

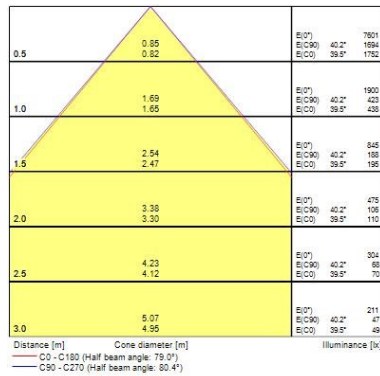


Figure 1 is a schematic diagram of the experimental setup. It consists of two main parts. The top part shows a horizontal beam with a length of 1195 mm and a height of 20 mm. The bottom part shows a vertical beam with a height of 205 mm, containing two horizontal sections with internal structures.