

Features

- OPTICLIP 600 3000K C8 HO WH CC 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: 595x595x20mm, Sylvania White body colour (RAL9016), IP40 (from the front), IK07, Constant Current driver, low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 3925lm luminous flux, 33W power consumption, 119lm/W system efficacy, CRI>80, SDCM 3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<17, 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.

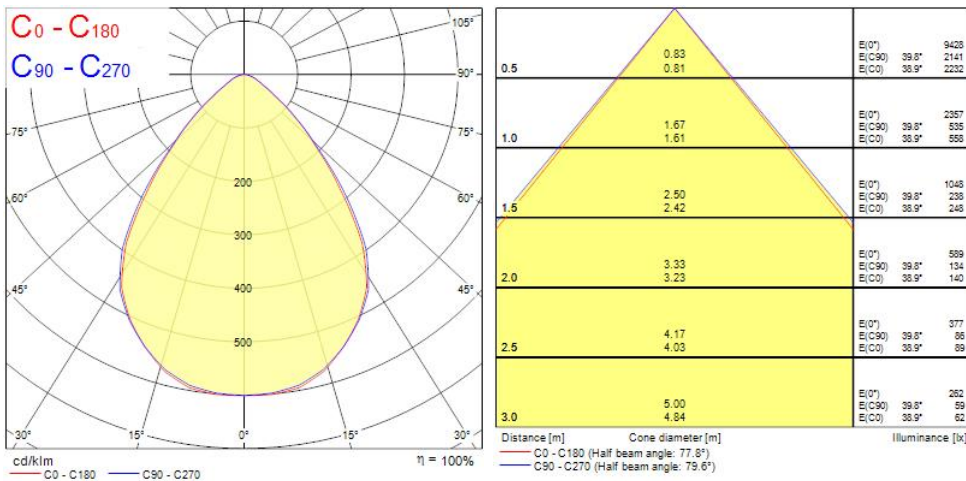
Product Overview

Product name	OptiClip 600 3000K C8 HO WH CC 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)	3925
Luminaire efficacy (lm/W)	119
Colour temperature (K)	3000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	80
Glare control	< 17

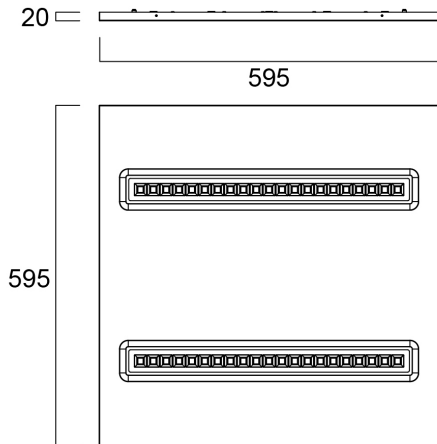
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Photobiological Risk Group	RG1
Total power consumption (W)	33
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK07
Product EAN number	5410288430041
Warranty	5 years
Dimming method	N/A

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	OptiClip 600 3000K C8 HO WH CC 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)	-20°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	3925
Luminaire efficacy (lm/W)	119

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Colour temperature (K)	3000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Luminous Intensity (cd)	2352
Beam Angle (°)	80
Distribution type	Symmetric
Glare control	< 17
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	33
Mains voltage (V)	220-240V
Lamp power factor	0.98
THD (at 230 V, 50 Hz, full load, at 100% dimming level) \leq xx.x %	10
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Transformer required	No
Dimmable	No
Dimming method	N/A
Drive current (mA)	900
Inrush Current (A)	35
Inrush Duration (μ s)	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
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	19
Max. Luminaires per 13A C Breaker	24
Max. Luminaires per 16A C Breaker	31
Max. Luminaires per 20A C Breaker	39
Max. Luminaires per 10A B Breaker	11

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Max. Luminaires per 16A B Breaker	19
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Max. Luminaires per 20A B Breaker	23
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LIFETIME DATA

Lifespan L70 B50	100000
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Lifespan L80 B20	62500
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PHYSICAL DATA

Housing colour	RAL 9016 - Traffic white / Bezel
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IP rating	IP40/20
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IK rating	IK07
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Diffuser finish	Matt/satinized
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Diffuser material	PC Polycarbonate
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Nominal Product Length (mm)	595
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Nominal Product Width (mm)	595
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Nominal Product Height (mm)	20
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Weight (kg)	2.8
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PACKAGING

Single packaging type	Carton
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Product EAN number	5410288430041
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Packaging single length / height (cm)	60.0
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Packaging single width (cm)	4.0
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Packaging single depth (cm)	60.0
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DUN14 (outer)	05410288430041
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Units per outer package	1
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Packaging outer length / height (cm)	60.0
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Packaging outer width (cm)	4.0
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Packaging outer depth (cm)	60.0
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SAFETY DATA

Optimal operating condition (°C)	-20-25
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Special purpose lamp	No
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0043004

Dry applications use only	No
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Suitable for household illumination	No
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