

## OptiClip 600x600

OptiClip 600 3000K C8 HO WH DALI WHITE

0043005



### Product features

- OPTICLIP 600 3000K C8 HO WH DALI 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, DALI Dimmable, 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 DALI 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)	3925
Luminaire efficacy (lm/W)	119
Colour temperature (K)	3000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	80
Glare control	< 17
Photobiological Risk Group	RG1
Total power consumption (W)	33
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI
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	5410288430058

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### DATA TABLE

#### General data

Product name	OptiClip 600 3000K C8 HO WH DALI 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 T <sub>q</sub> (°C)	25
ETIM Class	EC002892
Warranty	5 years

#### Optical data

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)	SDCM3
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	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	15
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Transformer required	No
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Drive current (mA)	900
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)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	20
Weight (kg)	2.8

### Packaging

Single packaging type	Carton
Product EAN number	5410288430058
Packaging single length / height (cm)	60.0
Packaging single width (cm)	4.0
Packaging single depth (cm)	60.0
DUN14 (outer)	05410288430058
Units per outer package	1
Packaging outer length / height (cm)	60.0
Packaging outer width (cm)	4.0
Packaging outer depth (cm)	60.0

### Safety data

Optimal operating condition (°C)	-20-25
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## PHOTOMETRY

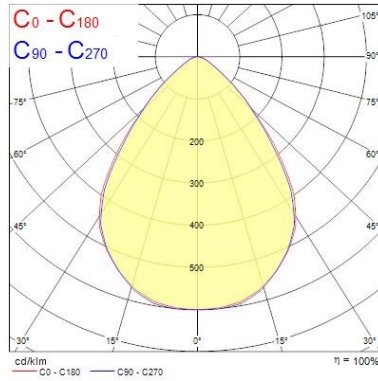
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0.5	0.81 0.83	E(0°) E(C90) E(C0)	8421 2253 2142
1.0	1.61 1.67	E(0°) E(C90) E(C0)	2355 556 535
1.5	2.42 2.50	E(0°) E(C90) E(C0)	1048 245 235
2.0	3.23 3.33	E(0°) E(C90) E(C0)	559 140 134
2.5	4.03 4.17	E(0°) E(C90) E(C0)	377 99 95
3.0	4.84 5.00	E(0°) E(C90) E(C0)	262 62 59

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 75.6°)  
— C90 - C270 (Half beam angle: 77.8°)



## TECHNICAL DRAWINGS

