

### 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/m<sup>2</sup>, lifespan: 62,000 hours L80B20, photobiological safety risk group 1. Electrical protection Class II. Glow wire test 850°C.

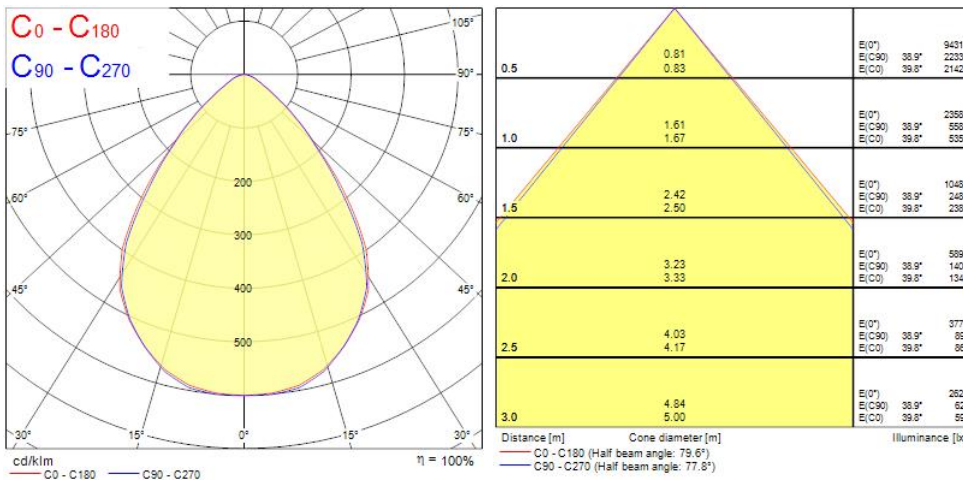
### Product Overview

<b>Product name</b>	OptiClip 600 3000K C8 HO WH DALI WHITE
<b>Technology</b>	LED (3 SDCM)
<b>Cap/Base</b>	N/A
<b>Housing</b>	Steel
<b>Mount</b>	Ceiling recessed mounting
<b>Fixture rating</b>	Enclosed
<b>General application</b>	Education, Office
<b>ETIM Class</b>	EC002892
<b>Fixture luminous flux (lm)</b>	3925
<b>Luminaire efficacy (lm/W)</b>	119
<b>Colour temperature (K)</b>	3000
<b>Light colour</b>	Neutral White
<b>CRI (Ra)</b>	80
<b>Colour Variation Initial (SDCM)</b>	3
<b>Beam Angle (°)</b>	80
<b>Glare control</b>	< 17

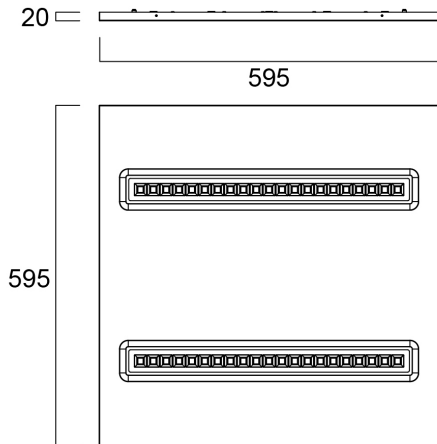
## OptiClip 600 3000K C8 HO WH DALI WHITE 0043005

Photobiological Risk Group	RG1
Total power consumption (W)	33
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	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK07
Product EAN number	5410288430058
Warranty	5 years
Dimming method	DALI

### Photometry



## Technical drawings



## 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 Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

### OPTICAL DATA

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

## OptiClip 600 3000K C8 HO WH DALI WHITE 0043005

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	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ 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 ( $\mu$ 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	23
Max. Luminaires per 13A C Breaker	31
Max. Luminaires per 16A C Breaker	38
Max. Luminaires per 20A C Breaker	48

## OptiClip 600 3000K C8 HO WH DALI WHITE 0043005

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

## OptiClip 600 3000K C8 HO WH DALI WHITE 0043005

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<b>Optimal operating condition (°C)</b>	-20-25
<b>Special purpose lamp</b>	No
<b>Dry applications use only</b>	No
<b>Suitable for household illumination</b>	No