

### Features

• OPTICLIP 600 3000K C8 WH SSA02 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: 595x595x52mm, Sylvania White body colour (RAL9016), IP40 (from the front), IK07, SylSmart Connected capable, low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 3100lm luminous flux, 27W power consumption, 114lm/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.

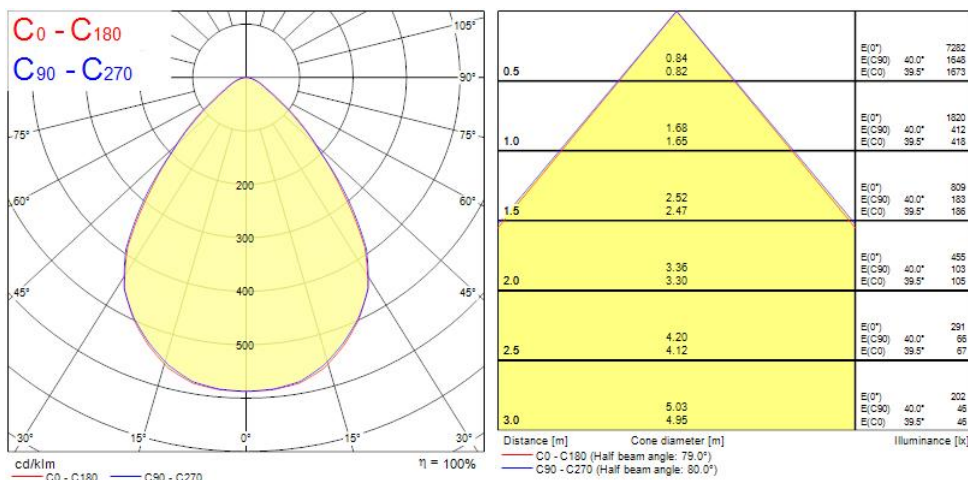
### Product Overview

Product name	OptiClip 600 3000K C8 WH SSA02 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)	3100
Luminaire efficacy (lm/W)	114
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	80

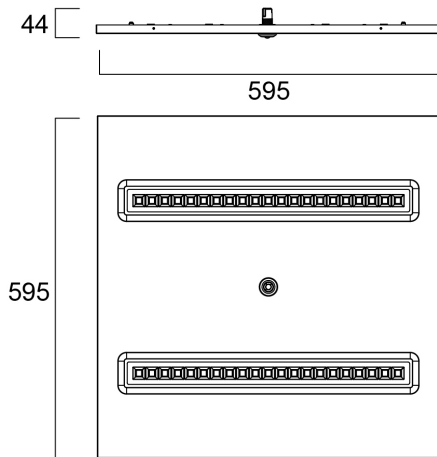
## OptiClip 600 3000K C8 WH SSA02 WHITE 0044011

Glare control	< 17
Photobiological Risk Group	RG1
Total power consumption (W)	27
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	5410288440118
Warranty	5 years
Dimming method	SylSmart SSA

### Photometry



## Technical drawings



## Data table

### GENERAL DATA

Product name	OptiClip 600 3000K C8 WH SSA02 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)	3100
Luminaire efficacy (lm/W)	114

## OptiClip 600 3000K C8 WH SSA02 WHITE 0044011

Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Luminous Intensity (cd)	1820
Beam Angle (°)	80
Distribution type	Symmetric
Glare control	< 17
Photobiological Risk Group	RG1

### ELECTRICAL DATA

Total power consumption (W)	27
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 %	10
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Transformer required	No
Dimmable	Yes
Dimming method	SylSmart SSA
Minimum dimming level (%)	1
Drive current (mA)	700
Inrush Current (A)	30
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	21
Max. Luminaires per 13A C Breaker	27
Max. Luminaires per 16A C Breaker	33
Max. Luminaires per 20A C Breaker	42

## OptiClip 600 3000K C8 WH SSA02 WHITE 0044011

Max. Luminaires per 10A B Breaker	12
Max. Luminaires per 13A B Breaker	16
Max. Luminaires per 16A B Breaker	20
Max. Luminaires per 20A B Breaker	25

### 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)	52
Weight (kg)	3.5

### PACKAGING

Single packaging type	Carton
Product EAN number	5410288440118
Packaging single length / height (cm)	62.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (outer)	05410288440118
Units per outer package	1
Packaging outer length / height (cm)	62.0
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	65.0

### SAFETY DATA

## OptiClip 600 3000K C8 WH SSA02 WHITE 0044011

---

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