

## OptiClip 600x600

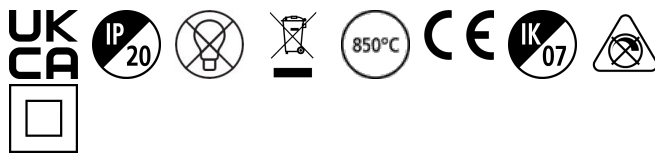
OptiClip 600 4000K C9 WH CC WHITE

0044016



### Product features

- OPTICLIP 600 4000K C9 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), IP20, IK07, Constant Current driver, 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<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 4000K C9 WH CC WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	3275
Luminaire efficacy (lm/W)	112
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 17
Photobiological Risk Group	RG1
Total power consumption (W)	29
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	IP20
IK rating	IK07
Product EAN number	5410288440163
Light source included	INTEGRATED LED

## DATA TABLE

### General data

Product name	OptiClip 600 4000K C9 WH CC WHITE
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Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
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)	3275
Luminaire efficacy (lm/W)	112
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 17
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	29
Mains voltage (V)	220-240V~
Lamp power factor	0.98
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Transformer required	No
Dimmable	No
Drive current (mA)	800
Inrush Current (A)	16
Inrush Duration (µs)	100
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A B Breaker	15
Max. Luminaires per 16A B Breaker	25

### Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	62500

### Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Matt/satinized

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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	5410288440163
Packaging single length / height (cm)	60.0
Packaging single width (cm)	4.0
Packaging single depth (cm)	60.0
DUN14 (outer)	05410288440163
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

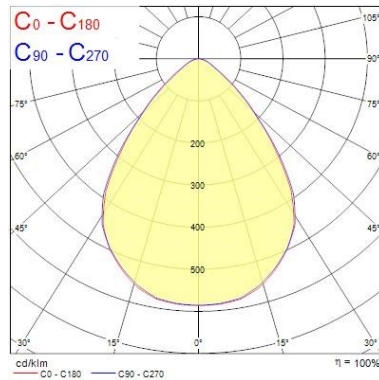
Optimal operating condition (°C)	-20-25
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## PHOTOMETRY

Distance [m]	Cone diameter [m]	E(l) <sup>(1)</sup>	E(l) <sup>(30)</sup>	E(l) <sup>(90)</sup>
0.5	0.84 0.82	7573	40.1° 1720	39.5° 1768
1.0	1.68 1.65	1918	40.1° 430	39.5° 442
1.5	2.53 2.47	853	40.1° 191	39.5° 196
2.0	3.37 3.30	480	40.1° 108	39.5° 112
2.5	4.21 4.12	307	40.1° 69	39.5° 71
3.0	5.05 4.95	213	40.1° 48	39.5° 49

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

— C0 - C180 (Half beam angle: 79.0°)  
— C90 - C270 (Half beam angle: 80.2°)



## TECHNICAL DRAWINGS

