

OptiClip 600x600

OptiClip 600 4000K C9 WH SSC WHITE

0044018



Product features

- OPTICLIP 600 4000K C9 WH SSC 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, SylSmart Standalone capable, low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 3275lm luminous flux, 29W power consumption, 113lm/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 SSC 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) | 113 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 90 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Beam Angle (°) | 80 |
| Glare control | < 17 |
| Photobiological Risk Group | RG1 |
| Total power consumption (W) | 29 |
| 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 | IP20 |
| IK rating | IK07 |
| Product EAN number | 5410288440187 |
| Dimming method | SylSmart SSC |

DATA TABLE

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General data

| | |
|---|------------------------------------|
| Product name | OptiClip 600 4000K C9 WH SSC WHITE |
| Technology | LED (3 SDCM) |
| Cap/Base | N/A |
| Housing | Steel |
| Mount | Ceiling recessed mounting |
| General application | Education, Office |
| Operating temperature range (°C) | -25°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) | 113 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 90 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Rated Luminous Intensity (cd) | 1920 |
| Beam Angle (°) | 80 |
| 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 | Yes |
| Minimum dimming level (%) | 1 |
| Drive current (mA) | 800 |
| 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 |
| 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 |

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| | |
|-----------------------------------|----|
| 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 | IP20 |
| 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) | 2.9 |

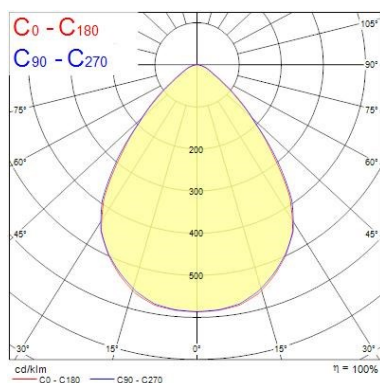
Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288440187 |
| Packaging single length / height (cm) | 60.0 |
| Packaging single width (cm) | 4.0 |
| Packaging single depth (cm) | 60.0 |
| DUN14 (outer) | 05410288440187 |
| 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) | -25-25 |
|----------------------------------|--------|

PHOTOMETRY



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|---|
| 0.5 | 0.84 0.82 | E(0°) 1891 E(C90) 1751 E(C0) 1782 |
| 1.0 | 1.68 1.64 | E(0°) 473 E(C90) 430 E(C0) 446 |
| 1.5 | 2.53 2.46 | E(0°) 325 E(C90) 291 E(C0) 298 |
| 2.0 | 3.37 3.29 | E(0°) 236 E(C90) 211 E(C0) 211 |
| 2.5 | 4.21 4.11 | E(0°) 187 E(C90) 169 E(C0) 171 |
| 3.0 | 5.05 4.93 | E(0°) 153 E(C90) 140 E(C0) 140 |

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 78.8°)
 — C90 - C270 (Half beam angle: 80.2°)

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TECHNICAL DRAWINGS

