

### Features

• OPTICLIP 600 4000K 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%), Neutral White (4000K) LED Colour Temperature, 3300lm luminous flux, 27W power consumption, 122lm/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.

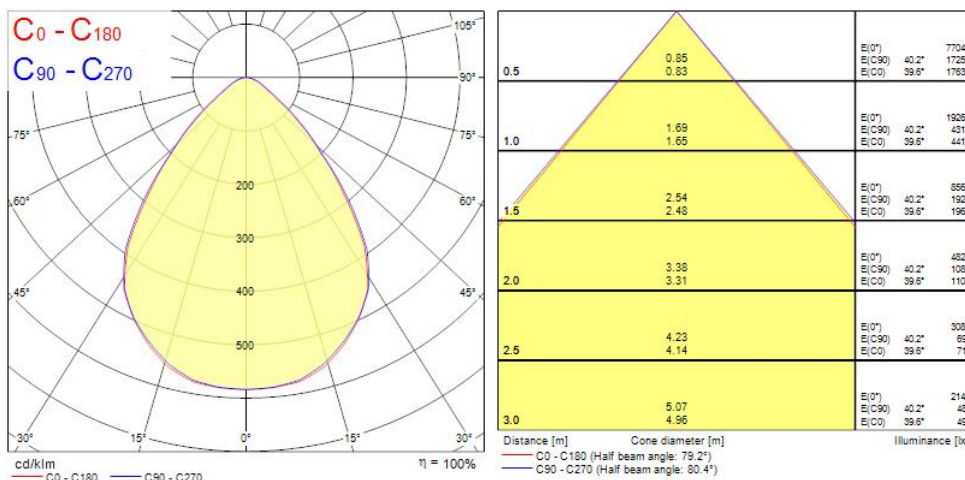
### Product Overview

|  |                                      |
|--|--------------------------------------|
| <b>Product name</b>                    | OptiClip 600 4000K C8 WH SSA02 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>      | 3300                                 |
| <b>Luminaire efficacy (lm/W)</b>       | 122                                  |
| <b>Colour temperature (K)</b>          | 4000                                 |
| <b>Light colour</b>                    | Neutral White                        |
| <b>CRI (Ra)</b>                        | 80                                   |
| <b>Colour Variation Initial (SDCM)</b> | 3                                    |
| <b>Beam Angle (°)</b>                  | 80                                   |

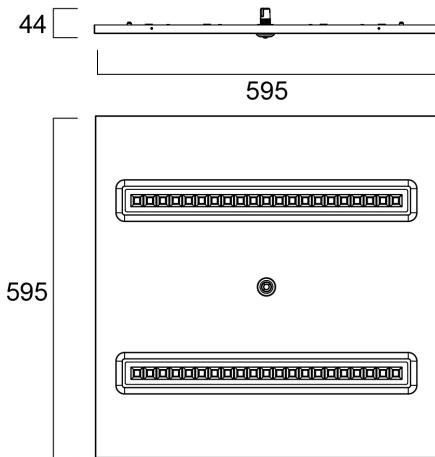
## OptiClip 600 4000K C8 WH SSA02 WHITE 0044003

|                             |                                  |
|-----------------------------|----------------------------------|
| 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          | 5410288440033                    |
| Warranty                    | 5 years                          |
| Dimming method              | SylSmart SSA                     |

### Photometry



## Technical drawings



## Data table

### GENERAL DATA

|   |                                      |
|---|--------------------------------------|
| Product name                            | OptiClip 600 4000K 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) | 3300 |
| Luminaire efficacy (lm/W)  | 122  |

## OptiClip 600 4000K C8 WH SSA02 WHITE 0044003

|                                 |               |
|---------------------------------|---------------|
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | 3             |
| Luminous Intensity (cd)         | 1926          |
| 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 4000K C8 WH SSA02 WHITE 0044003

|                                   |    |
|-----------------------------------|----|
| 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                    | 5410288440033  |
| Packaging single length / height (cm) | 62.0           |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 65.0           |
| DUN14 (outer)                         | 05410288440033 |
| 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 4000K C8 WH SSA02 WHITE 0044003

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