

Features

• OPTICLIP R 600 840 2L WHT SSA03 is a high efficacy low glare ceiling recessed mounted luminaire with replaceable light engines for office and education applications. White colour plastic optic (reflector + lens), direct light distribution. Luminaire dimensions: 595x595x44mm. White body colour (RAL9016), IP40 (from the front), IK07, SylSmart Connected enabled with integrated sensor, 34W power consumption, 4000K (neutral white) CCT, 4700lm luminous flux at 900mA drive current level, 138lm/W system efficacy, CRI>80, SDCM≤3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<16, luminance at 65° < 1000 cd/m2. Lifespan: 100,000 hours L80B20, photobiological safety risk group 1. Electrical protection Class II. Glow wire test 850°C.

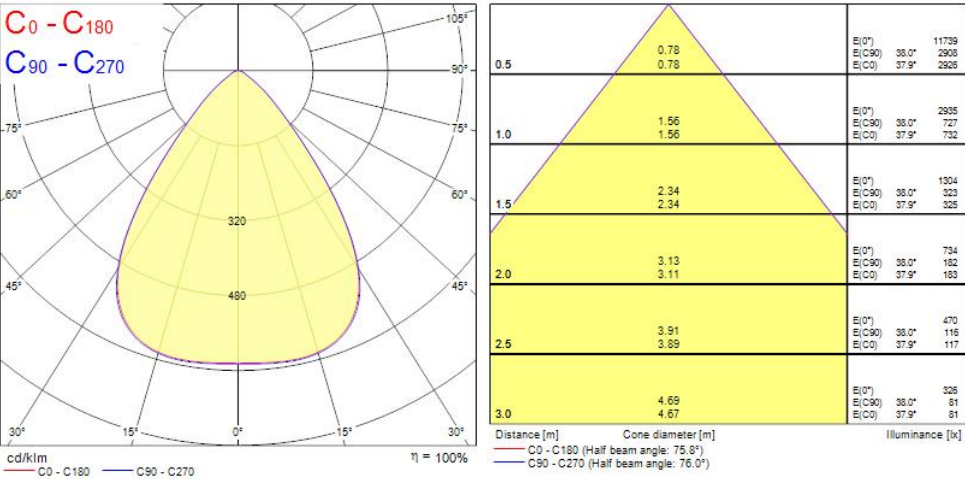
Product Overview

|                                   |                                 |
|-----------------------------------|---------------------------------|
| Product name                      | OPTICLIP R 600 840 2L WHT SSA03 |
| Technology                        | LED (3 SDCM)                    |
| Cap/Base                          | N/A                             |
| Housing                           | Steel                           |
| Mount                             | Ceiling recessed mounting       |
| Fixture rating                    | Enclosed                        |
| General application               | Education, Office               |
| ETIM Class                        | EC002892                        |
| E-number FI                       | 4170621                         |
| Fixture luminous flux (lm)        | 4700                            |
| Luminaire efficacy (lm/W)         | 138                             |
| Correlated colour temperature (k) | 4000                            |
| Light colour                      | Neutral White                   |
| CRI (Ra)                          | 80                              |
| Colour Variation Initial (SDCM)   | 3                               |

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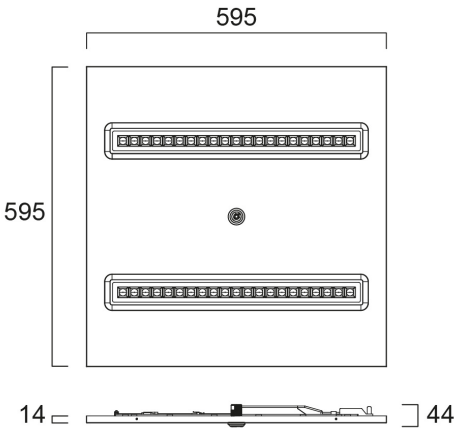
|                             |                             |
|-----------------------------|-----------------------------|
| Beam Angle (°)              | 75                          |
| Glare control               | < 16                        |
| Photobiological Risk Group  | RG1                         |
| Total power consumption (W) | 34                          |
| 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              | RAL9016                     |
| IP rating                   | IP40/20                     |
| IK rating                   | IK07                        |
| Product EAN number          | 5410288340081               |
| Warranty                    | 5 years                     |
| Dimming method              | SylSmart SSA                |

Photometry



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Technical drawings



Data table

GENERAL DATA

|                                         |                                 |
|-----------------------------------------|---------------------------------|
| Product name                            | OPTICLIP R 600 840 2L WHT SSA03 |
| 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)        | 5°C...+25°C                     |
| Performance ambient temperature Tq (°C) | 25                              |
| ETIM Class                              | EC002892                        |
| E-number FI                             | 4170621                         |
| Warranty                                | 5 years                         |

OPTICAL DATA

|                            |      |
|----------------------------|------|
| Fixture luminous flux (lm) | 4700 |
|----------------------------|------|

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|                                   |               |
|-----------------------------------|---------------|
| Luminaire efficacy (lm/W)         | 138           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 80            |
| Colour Variation Initial (SDCM)   | 3             |
| Beam Angle (°)                    | 75            |
| Distribution type                 | Symmetric     |
| Glare control                     | < 16          |
| Photobiological Risk Group        | RG1           |

### ELECTRICAL DATA

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 34                          |
| Primary Supply/Product voltage - min (V)                         | 220.0                       |
| Primary Supply/Product voltage - max (V)                         | 240.0                       |
| Lamp power factor                                                | 0.95                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 10                          |
| Electrical protection                                            | Class II                    |
| Control gear required                                            | No                          |
| Control gear type                                                | LED driver constant current |
| Dimmable                                                         | Yes                         |
| Dimming method                                                   | SylSmart SSA                |
| Minimum dimming level (%)                                        | 1                           |
| Drive current (mA)                                               | 900                         |
| Max. drive current (mA)                                          | 900                         |
| Drive current - Range (mA)                                       | / 900mA                     |
| Inrush Current (A)                                               | 30                          |
| Inrush Duration (µs)                                             | 200                         |
| Energy Efficiency Class (A->G) of contained light source         | D                           |
| Nominal Frequency (Hz)                                           | 50/60Hz                     |
| LED Flickering Rate                                              | Ultra low (5% or less)      |
| Max. products per 10A C Breaker                                  | 21                          |
| Max. products per 13A C Breaker                                  | 27                          |
| Max. products per 16A C Breaker                                  | 33                          |

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|                                                                 |     |
|-----------------------------------------------------------------|-----|
| Max. products per 20A C Breaker                                 | 42  |
| Max. products per 10A B Breaker                                 | 12  |
| Max. products per 13A B Breaker                                 | 16  |
| Max. products per 16A B Breaker                                 | 20  |
| Max. products per 20A B Breaker                                 | 25  |
| Connectable conductor cross section -<br>Max (mm <sup>2</sup> ) | 2.5 |

### PHYSICAL DATA

|                             |         |
|-----------------------------|---------|
| Housing colour              | RAL9016 |
| IP rating                   | IP40/20 |
| IK rating                   | IK07    |
| Diffuser finish             | Other   |
| Diffuser material           | None    |
| Nominal Product Length (mm) | 595     |
| Nominal Product Width (mm)  | 595     |
| Nominal Product Height (mm) | 44      |
| Weight (kg)                 | 3.5     |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288340081  |
| Packaging single length / height (cm) | 60.0           |
| Packaging single width (cm)           | 4.0            |
| Packaging single depth (cm)           | 60.0           |
| DUN14 (inner)                         | 05410288340081 |
| 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

|                                  |      |
|----------------------------------|------|
| Glow Wire Test (°C)              | 650  |
| Optimal operating condition (°C) | 5-25 |
| Special purpose lamp             | No   |



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|                                     |    |
|-------------------------------------|----|
| Dry applications use only           | No |
| Suitable for household illumination | No |