



### Features

• OPTIX RECESSED 600 3L LUMI 4000K ALU SSC is a ceiling recessed luminaire for office and education applications with Aluminised plastic extra low glare optics and RAL9016 colour fixture body. SylSmart Standalone enabled. 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. For 4000K - Colour rendering index Ra >98; Melanopic Ratio MEER: 0.776; Fidelity Index R#: 94; Gamut Index R#: 98. For 4000K luminous flux: 3750lm. Power consumption: 38W. Luminaire efficacy: 99lm/W. UGR<16 Luminance at 65°<200 Cd/m2, IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C. 60,000hrs L80B20 lifespan.

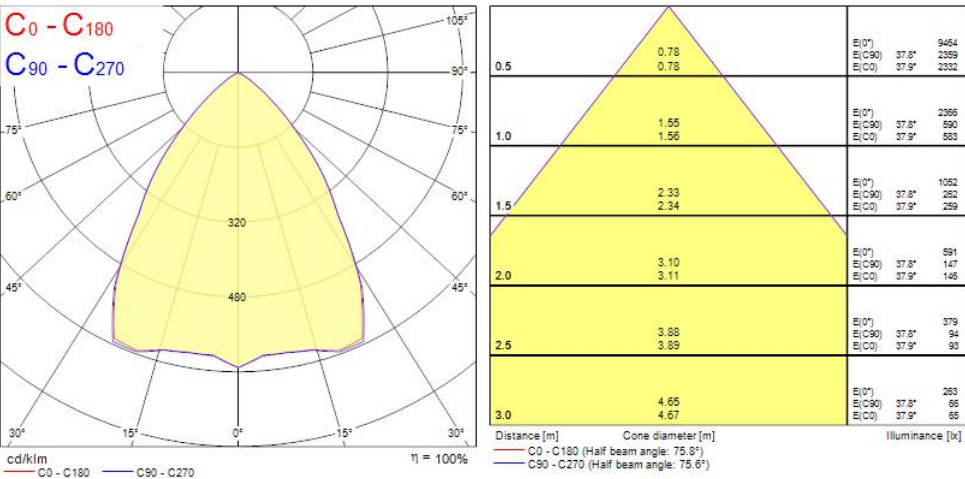
### Product Overview

|                                 |                                       |
|---------------------------------|---------------------------------------|
| Product name                    | OPTIX RECESSED 600 3L LUMI 4K ALU SSC |
| Technology                      | LED LumiNature                        |
| Cap/Base                        | N/A                                   |
| Housing                         | Steel                                 |
| Mount                           | Ceiling recessed mounting             |
| Fixture rating                  | Enclosed                              |
| General application             | Education, Office                     |
| ETIM Class                      | EC002892                              |
| Fixture luminous flux (lm)      | 3750                                  |
| Luminaire efficacy (lm/W)       | 99                                    |
| Light colour                    | Neutral White                         |
| CRI (Ra)                        | 98                                    |
| Colour Consistency (SDCM)       | 3                                     |
| Colour Variation Initial (SDCM) | 3                                     |
| Glare control                   | < 16                                  |

OPTIX RECESSED 600 3L LUMI 4K ALU SSC  
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|                             |                             |
|-----------------------------|-----------------------------|
| Photobiological Risk Group  | RG1                         |
| Total power consumption (W) | 38                          |
| Electrical protection       | Class I                     |
| Control gear type           | LED driver constant current |
| Dimmable                    | Yes                         |
| Housing colour              | RAL9016                     |
| IP rating                   | IP20                        |
| IK rating                   | IK07                        |
| Product EAN number          | 5025768238446               |
| Warranty                    | 5 years                     |
| Dimming method              | SylSmart SSC                |

Photometry

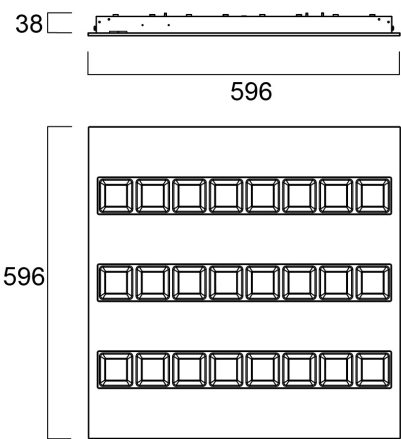


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## OPTIX RECESSED 600 3L LUMI 4K ALU SSC

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### Technical drawings



### Data table

#### GENERAL DATA

|                                         |                                       |
|-----------------------------------------|---------------------------------------|
| Product name                            | OPTIX RECESSED 600 3L LUMI 4K ALU SSC |
| Technology                              | LED LumiNature                        |
| Cap/Base                                | N/A                                   |
| Housing                                 | Steel                                 |
| Mount                                   | Ceiling recessed mounting             |
| Fixture rating                          | Enclosed                              |
| General application                     | Education, Office                     |
| Operating temperature range (°C)        | 10°C...+25°C                          |
| Performance ambient temperature Tq (°C) | 25                                    |
| ETIM Class                              | EC002892                              |
| Warranty                                | 5 years                               |

#### OPTICAL DATA

|                            |      |
|----------------------------|------|
| Fixture luminous flux (lm) | 3750 |
| Luminaire efficacy (lm/W)  | 99   |

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|                                 |               |
|---------------------------------|---------------|
| Light colour                    | Neutral White |
| CRI (Ra)                        | 98            |
| Colour Variation Initial (SDCM) | 3             |
| Colour Consistency (SDCM)       | 3             |
| Distribution type               | Symmetric     |
| Glare control                   | < 16          |
| Photobiological Risk Group      | RG1           |

### ELECTRICAL DATA

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 38                          |
| Primary Supply/Product voltage - min (V)                         | 220                         |
| Primary Supply/Product voltage - max (V)                         | 240                         |
| Lamp power factor                                                | 0.98                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 9                           |
| Electrical protection                                            | Class I                     |
| Control gear required                                            | No                          |
| Control gear type                                                | LED driver constant current |
| Dimmable                                                         | Yes                         |
| Dimming method                                                   | SylSmart SSC                |
| Drive current (mA)                                               | 250                         |
| Energy Efficiency Class (A->G) of contained light source         | F                           |
| Nominal Frequency (Hz)                                           | 50/60Hz                     |
| Max. products per 10A C Breaker                                  | 21                          |
| Max. products per 13A C Breaker                                  | 28                          |
| Max. products per 16A C Breaker                                  | 35                          |
| Max. products per 20A C Breaker                                  | 45                          |
| Max. products per 10A B Breaker                                  | 13                          |
| Max. products per 13A B Breaker                                  | 17                          |
| Max. products per 16A B Breaker                                  | 21                          |
| Max. products per 20A B Breaker                                  | 27                          |
| Connectable conductor cross section - Max (mm²)                  | 2.5                         |

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#### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 60000  |

#### PHYSICAL DATA

|                             |                  |
|-----------------------------|------------------|
| Housing colour              | RAL9016          |
| IP rating                   | IP20             |
| IK rating                   | IK07             |
| Diffuser finish             | Matt/satinized   |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 596              |
| Nominal Product Width (mm)  | 596              |
| Nominal Product Height (mm) | 38               |
| Weight (kg)                 | 5.0              |

#### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768238446  |
| Packaging single length / height (cm) | 62.0           |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 65.0           |
| DUN14 (inner)                         | 05025768238446 |
| 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

|                                     |       |
|-------------------------------------|-------|
| Glow Wire Test (°C)                 | 850   |
| Optimal operating condition (°C)    | 10-25 |
| Special purpose lamp                | No    |
| Dry applications use only           | No    |
| Suitable for household illumination | No    |

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