

## Optix Recessed 600x600 High Output OPTIX RECESSED 600 4L LUMI HCL TW ALU SSC 2023880



### Product features

- OPTIX RECESSED 600 4L LUMI HCL TW 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 controlled tunable white light engine. 2700-6200K Tunable White LED, chromaticity tolerance of 3-step MacAdam ellipse. For 2700K - Colour rendering index Ra >98; Melanopic Ratio MEER: 0.528; Fidelity Index R :97; Gamut Index R :101. For 4000K - Colour rendering index Ra >96; Melanopic Ratio MEER: 0.822; Fidelity Index R :95; Gamut Index R :101. For 6200K - Colour rendering index Ra >99; Melanopic Ratio MEER: 1.077; Fidelity Index R :96; Gamut Index R :99. For 4000K luminous flux: 4350lm. Power consumption: 46W. Luminaire efficacy: 95lm/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. 68,000hrs L80B20 lifespan.

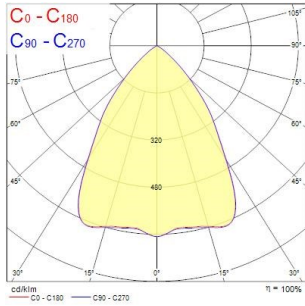


### PRODUCT OVERVIEW

|                                   |   |
|-----------------------------------|---|
| Product name                      | OPTIX RECESSED 600 4L LUMI HCL TW ALU SSC |
| Technology                        | LED LumiNature                            |
| Cap/Base                          | N/A                                       |
| Housing                           | Steel                                     |
| Mount                             | Ceiling recessed mounting                 |
| General application               | Education, Office                         |
| ETIM Class                        | EC002892                                  |
| Warranty                          | 5 years                                   |
| Fixture luminous flux (lm)        | 4350                                      |
| Luminaire efficacy (lm/W)         | 95  |
| Correlated colour temperature (k) | 4000                                      |
| Light colour                      | Tuneable White HCL                        |
| CRI (Ra)                          | 96  |
| Colour Variation Initial (SDCM)   | SDCM3                                     |
| Colour Consistency (SDCM)         | 3   |
| Glare control                     | < 16                                      |
| Photobiological Risk Group        | RG1                                       |
| Total power consumption (W)       | 46  |
| Electrical protection             | Class I                                   |
| Control gear type                 | LED driver constant current               |
| Dimmable                          | Yes                                       |
| Dimming method                    | SylSmart SSC                              |
| Housing colour                    | RAL 9016 - Traffic white / Bezel          |
| IP rating                         | IP20                                      |
| IK rating                         | IK07                                      |
| Product EAN number                | 5025768238804                             |

### PHOTOMETRY

## Optix Recessed 600x600 High Output OPTIX RECESSED 600 4L LUMI HCL TW ALU SSC 2023880



| Distance [m] | Cone diameter [m] | E (0°) [lx] | E (C0) [lx] | E (C90) [lx] |
|--------------|-------------------|-------------|-------------|--------------|
| 0.5          | 0.74              | 11278       | 36.4°       | 2073         |
| 1.0          | 1.47              | 2820        | 36.4°       | 742          |
| 1.5          | 2.21              | 1255        | 36.4°       | 333          |
| 2.0          | 2.95              | 708         | 36.4°       | 198          |
| 2.5          | 3.69              | 451         | 36.4°       | 119          |
| 3.0          | 4.42              | 312         | 36.4°       | 85           |

Distance [m] Cone diameter [m]  
C0 - C180 (Half beam angle: 72.8°)

### TECHNICAL DRAWINGS

