

## OPTIX LINEAR RECESSED 1200 LUMI 4K ALU SSC 2023849



### Features

• OPTIX LINEAR RECESSED 1200 LUMI 4000K ALU SSC is a ceiling recessed linear 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: 0.778; Fidelity Index R#: 94; Gamut Index R#: 98. For 4000K luminous flux: 2850lm. Power consumption: 31W. Luminaire efficacy: 92lm/W. UGR<19 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 LINEAR RECESSED 1200 LUMI 4K ALU SSC |
| Technology                      | LED LumiNature                             |
| Cap/Base                        | N/A                                        |
| Housing                         | Steel                                      |
| Mount                           | Ceiling recessed mounting                  |
| Fixture rating                  | Enclosed                                   |
| Fixture luminous flux (lm)      | 2870                                       |
| Luminaire efficacy (lm/W)       | 93                                         |
| Light colour                    | Neutral White                              |
| CRI (Ra)                        | 98                                         |
| Colour Consistency (SDCM)       | 3                                          |
| Colour Variation Initial (SDCM) | 3                                          |
| Glare control                   | < 19                                       |
| Photobiological Risk Group      | RG1                                        |
| Total power consumption (W)     | 31                                         |
| Electrical protection           | Class I                                    |
| Control gear type               | LED driver constant current                |

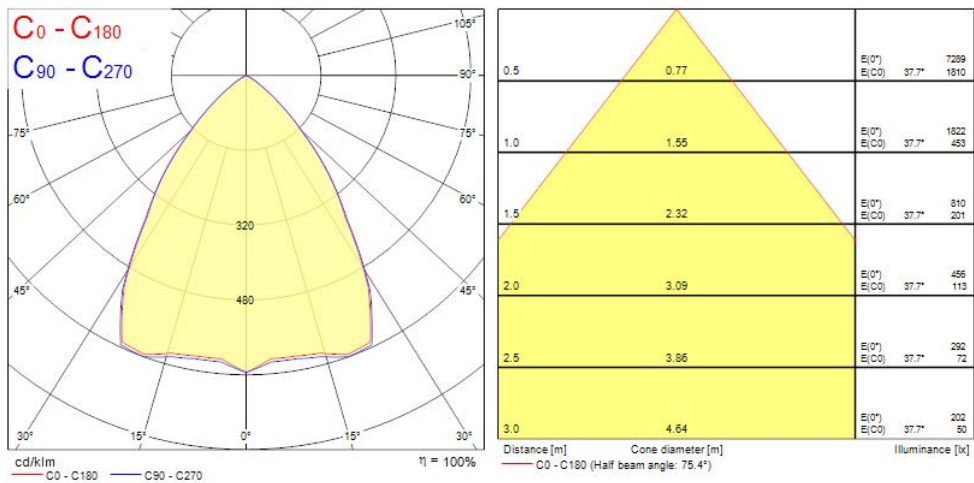
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## OPTIX LINEAR RECESSED 1200 LUMI 4K ALU SSC

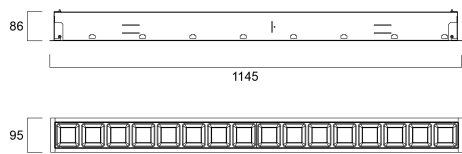
### 2023849

|                    |                                  |
|--------------------|----------------------------------|
| Housing colour     | RAL 9016 - Traffic white / Bezel |
| IP rating          | IP20                             |
| IK rating          | IK07                             |
| Product EAN number | 5025768238491                    |
| Warranty           | 5 years                          |

### Photometry



### Technical drawings



### Data table

#### GENERAL DATA

## OPTIX LINEAR RECESSED 1200 LUMI 4K ALU SSC 2023849

|                                         |                                            |
|-----------------------------------------|--------------------------------------------|
| Product name                            | OPTIX LINEAR RECESSED 1200 LUMI 4K ALU SSC |
| Technology                              | LED LumiNature                             |
| Cap/Base                                | N/A                                        |
| Housing                                 | Steel                                      |
| Mount                                   | Ceiling recessed mounting                  |
| Fixture rating                          | Enclosed                                   |
| Operating temperature range (°C)        | 10°C...+25°C                               |
| Performance ambient temperature Tq (°C) | 25                                         |
| Warranty                                | 5 years                                    |

### OPTICAL DATA

|                                         |               |
|-----------------------------------------|---------------|
| Fixture luminous flux (lm)              | 2870          |
| Luminaire efficacy (lm/W)               | 93            |
| Correlated colour temperature range (K) | 2800 - 6200   |
| Light colour                            | Neutral White |
| CRI (Ra)                                | 98            |
| Colour Consistency (SDCM)               | 3             |
| Colour Variation Initial (SDCM)         | 3             |
| Glare control                           | < 19          |
| Photobiological Risk Group              | RG1           |

### ELECTRICAL DATA

|                                          |                             |
|------------------------------------------|-----------------------------|
| Total power consumption (W)              | 31                          |
| Primary Supply/Product voltage - min (V) | 198.0                       |
| Lamp power factor                        | 0.98                        |
| Electrical protection                    | Class I                     |
| Control gear required                    | No                          |
| Control gear type                        | LED driver constant current |
| Drive current (mA)                       | 200                         |
| Inrush Current (A)                       | 5                           |
| Inrush Duration (µs)                     | 50                          |
| Glow Wire Test (°C)                      | 850                         |

## OPTIX LINEAR RECESSED 1200 LUMI 4K ALU SSC 2023849

|                                                          |         |
|----------------------------------------------------------|---------|
| Energy Efficiency Class (A->G) of contained light source | F       |
| Nominal Frequency (Hz)                                   | 50/60Hz |

### LIFETIME DATA

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

### 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) | 1146                             |
| Nominal Product Width (mm)  | 95                               |
| Weight (kg)                 | 3.15                             |

### PACKAGING

|                                      |                |
|--------------------------------------|----------------|
| Single packaging type                | Carton         |
| Product EAN number                   | 5025768238491  |
| Packaging single width (cm)          | 10.0           |
| Packaging single depth (cm)          | 11.0           |
| DUN14 (outer)                        | 05025768238491 |
| Packaging outer length / height (cm) | 119.0          |

### SAFETY DATA

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