



### Features

• OPTIX RECESSED 1200x300 2L TW ALU SSC01 is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 1200x300 mm. Aluminised plastic extra low glare optics in 2 lines configuration. White RAL9016 fixture body. SylSmart Standalone controlled tunable white light engine, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3200lm. Power consumption 31W. Luminaire efficacy 103lm/W. Lifespan: 48,500 hours L90B10. UGR<16, Luminance at 65°<200 Cd/m2, IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C

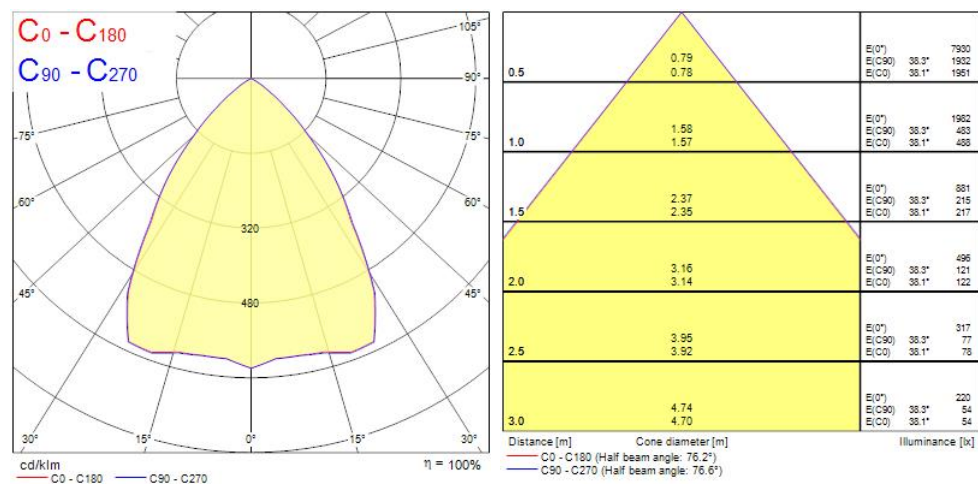
### Product Overview

|                                 |                                         |
|---------------------------------|-----------------------------------------|
| Product name                    | OPTIX RECESSED 1200x300 2L TW ALU SSC01 |
| Technology                      | LED (3 SDCM)                            |
| Cap/Base                        | N/A                                     |
| Housing                         | Steel                                   |
| Mount                           | Ceiling recessed mounting               |
| Fixture rating                  | Enclosed                                |
| Fixture luminous flux (lm)      | 3200                                    |
| Luminaire efficacy (lm/W)       | 107                                     |
| Light colour                    | Tuneable White                          |
| CRI (Ra)                        | 80                                      |
| Colour Variation Initial (SDCM) | 3                                       |
| Glare control                   | < 16                                    |
| Photobiological Risk Group      | RG1                                     |
| Total power consumption (W)     | 31                                      |
| Electrical protection           | Class I                                 |
| Control gear type               | LED driver constant current             |
| LED Flickering Rate             | Ultra low (5% or less)                  |
| Housing colour                  | RAL 9016 - Traffic white / Bezel        |
| IP rating                       | IP20                                    |

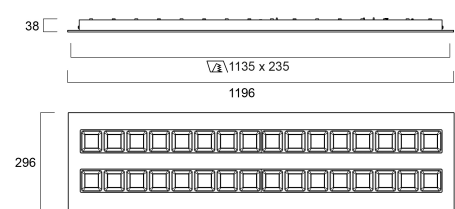
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|                    |               |
|--------------------|---------------|
| IK rating          | IK07          |
| Product EAN number | 5025768236831 |
| Warranty           | 5 years       |

Photometry



Technical drawings



Data table

GENERAL DATA

|              |                                         |
|--------------|-----------------------------------------|
| Product name | OPTIX RECESSED 1200x300 2L TW ALU SSC01 |
| Technology   | LED (3 SDCM)                            |
| Cap/Base     | N/A                                     |

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|                                         |                           |
|-----------------------------------------|---------------------------|
| 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)              | 3200           |
| Luminaire efficacy (lm/W)               | 107            |
| Correlated colour temperature range (K) | 3000 - 6000    |
| Light colour                            | Tuneable White |
| CRI (Ra)                                | 80             |
| Colour Variation Initial (SDCM)         | 3              |
| Glare control                           | < 16           |
| Photobiological Risk Group              | RG1            |

### ELECTRICAL DATA

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Total power consumption (W)                              | 31                          |
| Primary Supply/Product voltage - min (V)                 | 198.0                       |
| Lamp power factor                                        | 0.97                        |
| Electrical protection                                    | Class I                     |
| Control gear required                                    | No                          |
| Control gear type                                        | LED driver constant current |
| Drive current (mA)                                       | 600                         |
| Inrush Current (A)                                       | 29                          |
| Inrush Duration (µs)                                     | 180                         |
| Glow Wire Test (°C)                                      | 850                         |
| 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                          |

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|                                                    |     |
|----------------------------------------------------|-----|
| Max. products per 20A B Breaker                    | 27  |
| Connectable conductor cross section -<br>Min (mm²) | 2.5 |
| Connectable conductor cross section -<br>Max (mm²) | 2.5 |

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 120000 |
| Lifespan L80 B20 | 107500 |
| Lifespan L90 B10 | 48500  |

### 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) | 1196                             |
| Nominal Product Width (mm)  | 296                              |
| Weight (kg)                 | 5.0                              |

### PACKAGING

|                                      |                |
|--------------------------------------|----------------|
| Single packaging type                | Carton         |
| Product EAN number                   | 5025768236831  |
| Packaging single width (cm)          | 6.5            |
| Packaging single depth (cm)          | 32.0           |
| DUN14 (outer)                        | 05025768236831 |
| Packaging outer length / height (cm) | 124.5          |

### SAFETY DATA

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

# Concord

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Suitable for household illumination

No