

OPTIX RECESSED 1200 2L LUMI 4K ALU

Item No: 2023837

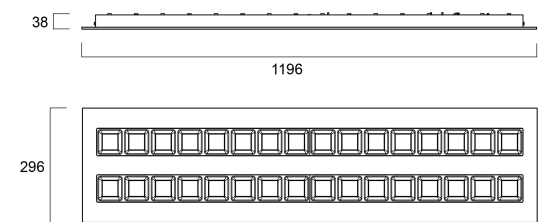
Concord



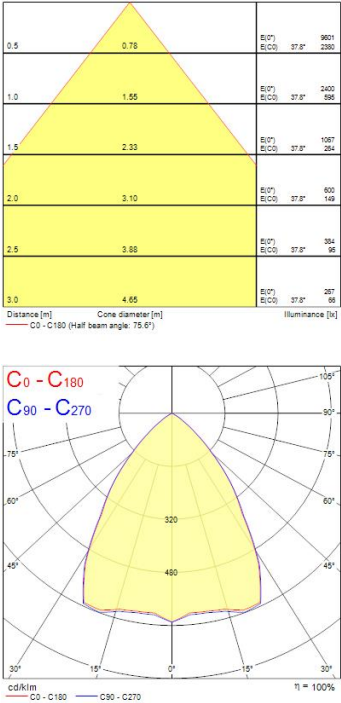
OPTIX RECESSED 1200 2L LUMI 4000K ALU is a ceiling recessed luminaire for office and education applications with Aluminised plastic extra low glare optics and RAL9016 colour fixture body. Constant current driver. 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. For 4000K - Colour rendering index Ra >98; Melanopic Ratio MEER: 0.782; Fidelity Index R<sub>f</sub>: 93; Gamut Index R<sub>g</sub>: 98. For 4000K luminous flux: 3800lm. Power consumption: 36W. Luminaire efficacy: 106lm/W. UGR<16 Luminance at 65°<200 Cd/m<sup>2</sup>, IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C. 60,000hrs L80B20 lifespan.

Technical Assets

Dimensions (mm)



Photometrics



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General data

|                                         |                                    |
|-----------------------------------------|------------------------------------|
| Product name                            | OPTIX RECESSED 1200 2L LUMI 4K ALU |
| Technology                              | LED LumiNature                     |
| Cap/Base                                | N/A                                |
| Housing                                 | Steel                              |
| Mount                                   | Ceiling recessed mounting          |
| Fixture rating                          | Enclosed                           |
| General application                     | Education, Office                  |
| Performance ambient temperature Tq (°C) | 25                                 |
| ETIM Class                              | EC002892                           |
| Warranty                                | 5 years                            |

Optical data

|                                   |               |
|-----------------------------------|---------------|
| Useful luminous flux (Φuse)       | 3810          |
| Fixture luminous flux (lm)        | 3810          |
| Luminaire efficacy (lm/W)         | 106           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 98            |
| Colour Consistency (SDCM)         | 3             |
| Colour Variation Initial (SDCM)   | SDCM3         |
| Glare control                     | < 16          |
| Photobiological Risk Group        | RG0           |

Electrical data

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Total power consumption (W)                              | 36                          |
| Primary Supply/Product voltage - min (V)                 | 220                         |
| Primary Supply/Product voltage - max (V)                 | 240                         |
| Lamp power factor                                        | 0.95                        |
| Electrical protection                                    | Class I                     |
| Control gear required                                    | No                          |
| Control gear type                                        | LED driver constant current |
| Dimmable                                                 | No                          |
| Dimming method                                           | N/A                         |
| Drive current (mA)                                       | 250                         |
| Inrush Current (A)                                       | 25                          |
| Inrush Duration (µs)                                     | 250                         |
| Energy Efficiency Class (A->G) of contained light source | F                           |
| Nominal Frequency (Hz)                                   | 50/60Hz                     |
| Max. products per 10A C Breaker                          | 27                          |
| Max. products per 13A C Breaker                          | 35                          |
| Max. products per 16A C Breaker                          | 45                          |
| Max. products per 20A C Breaker                          | 58                          |
| Max. products per 10A B Breaker                          | 16                          |
| Max. products per 13A B Breaker                          | 21                          |
| Max. products per 16A B Breaker                          | 27                          |
| Max. products per 20A B Breaker                          | 35                          |

Lifetime data

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

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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                              |
| Nominal Product Height (mm) | 38                               |
| Weight (kg)                 | 5.0                              |

Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768238378  |
| Packaging single length / height (cm) | 124.5          |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 32.0           |
| DUN14 (inner)                         | 05025768238378 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 124.5          |
| Packaging outer width (cm)            | 6.5            |
| Packaging outer depth (cm)            | 32.0           |

Safety data

|                     |     |
|---------------------|-----|
| Glow Wire Test (°C) | 850 |
|---------------------|-----|