

OPTIX LINEAR RECESSED 1200 LUMI 4K  
ALU

Item No: 2023847

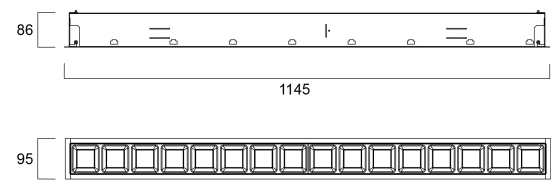
Concord



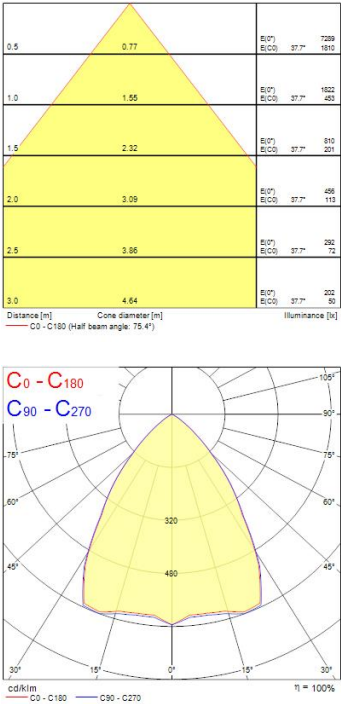
OPTIX LINEAR RECESSED 1200 LUMI 4000K ALU is a ceiling recessed linear luminaire for office and education applications with Aluminised plastic extra low glare optics and RAL9016 colour fixture body. Constant current driver. 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. For 4000K - Colour rendering index Ra >98; Melanopic Ratio MEER: 0.778; Fidelity Index Rf: 94; Gamut Index Rg: 98. For 4000K luminous flux: 2850lm. Power consumption: 30W. Luminaire efficacy: 95lm/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.

Technical Assets

Dimensions (mm)



Photometrics



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## General data

|                                         |                                              |
|-----------------------------------------|----------------------------------------------|
| Product name                            | OPTIX LINEAR<br>RECESSED 1200 LUMI<br>4K ALU |
| Technology                              | LED LumiNature                               |
| Cap/Base                                | N/A                                          |
| Housing                                 | Steel                                        |
| Mount                                   | Ceiling recessed<br>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)       | 2870          |
| Fixture luminous flux (lm)        | 2870          |
| Luminaire efficacy (lm/W)         | 96            |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 98            |
| Colour Variation Initial (SDCM)   | SDCM3         |
| Colour Consistency (SDCM)         | 3             |
| Glare control                     | < 19          |
| Photobiological Risk Group        | RG1           |

## Electrical data

|                                                             |                                |
|-------------------------------------------------------------|--------------------------------|
| Total power consumption (W)                                 | 30                             |
| 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<br>current |
| Dimmable                                                    | No                             |
| Dimming method                                              | N/A                            |
| Drive current (mA)                                          | 200                            |
| Inrush Current (A)                                          | 25                             |
| Inrush Duration (µs)                                        | 250                            |
| Energy Efficiency Class (A->G) of<br>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) | 1146                             |
| Nominal Product Width (mm)  | 95                               |
| Nominal Product Height (mm) | 90                               |
| Weight (kg)                 | 3.15                             |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768238477  |
| Packaging single length / height (cm) | 119.0          |
| Packaging single width (cm)           | 10.0           |
| Packaging single depth (cm)           | 11.0           |
| DUN14 (inner)                         | 05025768238477 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 119.0          |
| Packaging outer width (cm)            | 10.0           |
| Packaging outer depth (cm)            | 11.0           |

## Safety data

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