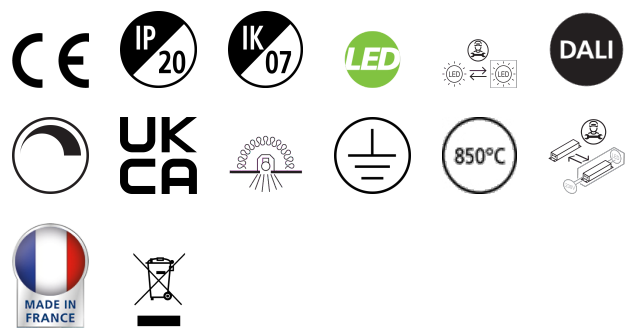


# OPTIX LINEAR RECESSED 1200 4000K C9 ALU DALI

Item No: 2023791

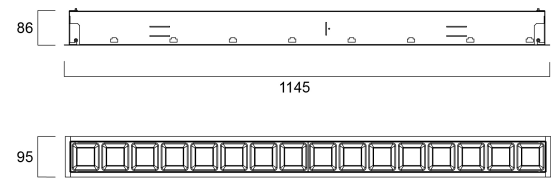
Concord



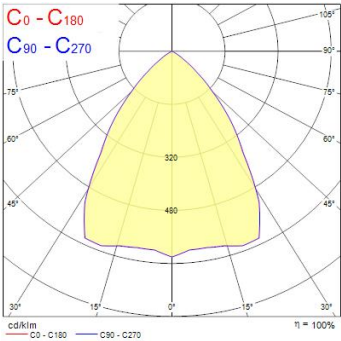
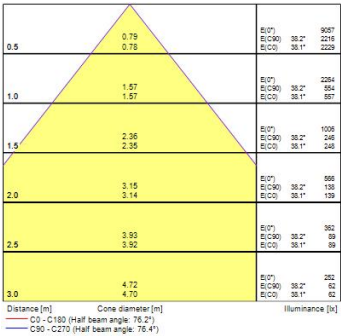
OPTIX LINEAR RECESSED 1200 4000K C9 ALU DALI is a high efficacy low glare linear luminaire for office and education applications. Suitable for continuous light line installations with accessories separately available. Ceiling recessed 1146x95x90 mm. Aluminised plastic extra low glare optics in a single line configuration. White RAL9016 fixture body. DALI dimmable. 4000K Neutral White LED, CRI>90, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3650lm. Power consumption 30W. Luminaire efficacy 122lm/W. Lifespan: 48,500 hours L90B10. UGR<19, Luminance at 65°<200 Cd/m2, IK07, IP20. Ultra Low Flicker: <5% Photobiological safety risk group 1. Electrical protection Class I. Glow wire test 850°C. Suitable for use with Linect quick connection sytems.

## Technical Assets

### Dimensions (mm)



### Photometrics



# OPTIX LINEAR RECESSED 1200 4000K C9 ALU DALI

Item No: 2023791

Concord

## General data

|                                         |                                                    |
|-----------------------------------------|----------------------------------------------------|
| Product name                            | OPTIX LINEAR<br>RECESSED 1200 4000K<br>C9 ALU DALI |
| Technology                              | LED (3 SDCM)                                       |
| 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)       | 3650          |
| Fixture luminous flux (lm)        | 3650          |
| Luminous flux (lm)                | 3650          |
| Luminaire efficacy (lm/W)         | 122           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 90            |
| Colour Variation Initial (SDCM)   | SDCM3         |
| 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                                                | 0.98                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 9                           |
| Electrical protection                                            | Class I                     |
| Control gear required                                            | No                          |
| Control gear type                                                | LED driver constant current |
| Dimmable                                                         | Yes                         |
| Dimming method                                                   | DALI                        |
| Drive current (mA)                                               | 300                         |
| Inrush Current (A)                                               | 29                          |
| Inrush Duration (µs)                                             | 180                         |
| 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                          |
| Max. products per 13A C Breaker                                  | 28                          |
| Max. products per 16A C Breaker                                  | 36                          |
| Max. products per 20A C Breaker                                  | 45                          |
| Max. products per 10A B Breaker                                  | 13                          |
| Max. products per 13A B Breaker                                  | 17                          |
| Max. products per 16A B Breaker                                  | 22                          |
| Max. products per 20A B Breaker                                  | 27                          |
| Connectable conductor cross section - Min (mm²)                  | 2.5                         |
| Connectable conductor cross section - Max (mm²)                  | 2.5                         |

## Lifetime data

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

# OPTIX LINEAR RECESSED 1200 4000K C9 ALU DALI

Item No: 2023791

Concord

## 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                    | 5025768237913  |
| Packaging single length / height (cm) | 119.0          |
| Packaging single width (cm)           | 10.0           |
| Packaging single depth (cm)           | 11.0           |
| DUN14 (inner)                         | 05025768237913 |
| 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 |
|---------------------|-----|