



# OPTIX LINEAR RECESSED 1200 4000K C9 ALU DALI EM

Item No: 2023792

Concord

## General data

|                                         |                                                       |
|-----------------------------------------|-------------------------------------------------------|
| Product name                            | OPTIX LINEAR<br>RECESSED 1200 4000K<br>C9 ALU DALI EM |
| 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)         | 114           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 90            |
| Colour Variation Initial (SDCM)   | SDCM3         |
| Glare control                     | < 19          |
| Photobiological Risk Group        | RG1           |
| Luminous flux (emergency) (lm)    | 80            |
| Emergency duration (h)            | 3             |

## Electrical data

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 32                          |
| 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)                                               | 25                          |
| Inrush Duration (µs)                                             | 177                         |
| 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  |

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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) | 1169                             |
| Nominal Product Width (mm)  | 95                               |
| Nominal Product Height (mm) | 90                               |
| Weight (kg)                 | 3.15                             |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768237920  |
| Packaging single length / height (cm) | 119.0          |
| Packaging single width (cm)           | 10.0           |
| Packaging single depth (cm)           | 11.0           |
| DUN14 (inner)                         | 05025768237920 |
| 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 |
|---------------------|-----|