

# Optix Linear Recessed 1200

OPTIX LINEAR RECESSED 1200 LUMI HCL TW ALU DA  
2023850



## Product features

- OPTIX LINEAR RECESSED 1200 LUMI HCL TW ALU DALI is a ceiling recessed linear luminaire for office and education applications with Aluminised plastic extra low glare optics and RAL9016 colour fixture body. DALI DT8 controlled tunable white light engine. 2700-6200K Tunable White LED, chromaticity tolerance of 3-step MacAdam ellipse. For 2700K - Colour rendering index Ra >98; Melanopic Ratio MEER: 0.527; Fidelity Index R :97; Gamut Index R :102. For 4000K - Colour rendering index Ra >95; Melanopic Ratio MEER: 0.827; Fidelity Index R :95; Gamut Index R :101. For 6200K - Colour rendering index Ra >98; Melanopic Ratio MEER: 1.087; Fidelity Index R :96; Gamut Index R :99. For 4000K luminous flux: 2200lm. Power consumption: 26W. Luminaire efficacy: 85lm/W. UGR<16 Luminance at 65°<200 Cd/m2, IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C. 68,000hrs L80B20 lifespan.



## PRODUCT OVERVIEW

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| Product name                    | OPTIX LINEAR RECESSED 1200 LUMI HCL TW ALU DA |
| Technology                      | LED LumiNature                                |
| Cap/Base                        | N/A                                           |
| Housing                         | Steel                                         |
| Mount                           | Ceiling recessed mounting                     |
| Fixture rating                  | Enclosed                                      |
| General application             | Education, Office                             |
| ETIM Class                      | EC002892                                      |
| Warranty                        | 5 years                                       |
| Fixture luminous flux (lm)      | 2200                                          |
| Luminaire efficacy (lm/W)       | 85                                            |
| Colour temperature (K)          | 4000                                          |
| Light colour                    | Tuneable White HCL                            |
| CRI (Ra)                        | 95                                            |
| Colour Consistency (SDCM)       | 3                                             |
| Colour Variation Initial (SDCM) | SDCM3                                         |
| Glare control                   | < 16                                          |
| Photobiological Risk Group      | RG1                                           |
| Total power consumption (W)     | 26                                            |
| Electrical protection           | Class I                                       |
| Control gear type               | LED driver constant current                   |
| Dimmable                        | Yes                                           |
| Dimming method                  | DALI                                          |
| Housing colour                  | RAL 9016 - Traffic white / Bezel              |
| IP rating                       | IP20                                          |
| IK rating                       | IK07                                          |
| Product EAN number              | 5025768238507                                 |

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### DATA TABLE

#### General data

|                                         |                                               |
|-----------------------------------------|-----------------------------------------------|
| Product name                            | OPTIX LINEAR RECESSED 1200 LUMI HCL TW ALU DA |
| 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

|                                         |                    |
|-----------------------------------------|--------------------|
| Fixture luminous flux (lm)              | 2200               |
| Luminaire efficacy (lm/W)               | 85                 |
| Colour temperature (K)                  | 4000               |
| Correlated colour temperature range (K) | 2800 - 6200        |
| Light colour                            | Tuneable White HCL |
| CRI (Ra)                                | 95                 |
| Colour Consistency (SDCM)               | 3                  |
| Colour Variation Initial (SDCM)         | SDCM3              |
| Glare control                           | < 16               |
| Photobiological Risk Group              | RG1                |

#### Electrical data

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Total power consumption (W)                              | 26                          |
| Mains voltage (V)                                        | 220-240V                    |
| Lamp power factor                                        | 0.95                        |
| Electrical protection                                    | Class I                     |
| Control gear required                                    | No                          |
| Control gear type                                        | LED driver constant current |
| Transformer required                                     | No                          |
| Dimmable                                                 | Yes                         |
| Dimming method                                           | DALI                        |
| Drive current (mA)                                       | 165                         |
| Inrush Current (A)                                       | 23                          |
| Glow Wire Test (°C)                                      | 850                         |
| Energy Efficiency Class (A->G) of contained light source | E                           |
| Nominal Frequency (Hz)                                   | 50/60Hz                     |
| Max. Luminaires per 10A C Breaker                        | 13                          |
| Max. Luminaires per 16A C Breaker                        | 19                          |

#### Lifetime data

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 68000  |

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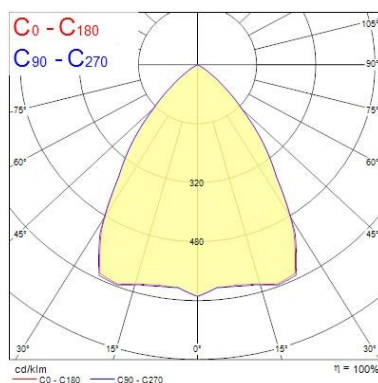
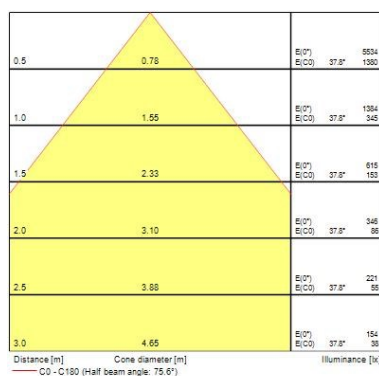
### Physical data

|                             |                                  |
|-----------------------------|----------------------------------|
| 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

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5025768238507  |
| Packaging single length / height (cm) | 119.0          |
| Packaging single width (cm)           | 10.0           |
| Packaging single depth (cm)           | 11.0           |
| DUN14 (outer)                         | 05025768238507 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 119.0          |
| Packaging outer width (cm)            | 10.0           |
| Packaging outer depth (cm)            | 11.0           |

## PHOTOMETRY



## TECHNICAL DRAWINGS

