

START DOWNLIGHT IP44 150

START Downlight 150 IP44 DALI 1160Lm 840 0030333

Product features



Ceiling recessed LED downlight IP44 (from the front), with only 45mm product depth and 150mm cutout. Supplied with DALI Tridonic push dim driver with loop in - out option (2800670). Ideal replacement for 1x26W CFL downlights. The polycarbonate diffuser allows for a wider light distribution and increased spacings between luminiares. Die-cast aluminium body, 1160LM, 12W, 97lm/W, 4000K, Driver Current: 300mA, CRI80, 74° beam angle, IP44 from the front, IK07, (HxW) 45x165mm, Class 2, 220-240V. Meets TP(a) requirements.

























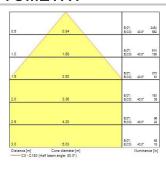
PRODUCT OVERVIEW

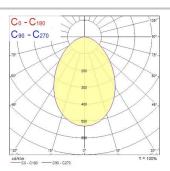
| Technology Cap/Base N/A Housing Aluminium Mount Ceiling recessed mounting General application ETIM Class EC001744 E-number FI 4278158 Warranty 5 years Fixture luminous flux (Im) Luminous flux (Im) Luminaire efficacy (Im/W) 1160 Luminaire efficacy (Im/W) 100 Colour temperature (K) 4000 Light colour Neutral White CRI (Ra) 80 Colour Variation Initial (SDCM) Beam Angle (°) Glare control Photobiological Risk Group Total power consumption (W) Electrical protection Control gear type LED driver constant current Dimmable Yes Dimming method Minimum dimming level (%) Luminium Since Multiput (M) LED Flickering Rate PAL 9003 Singel white | Cap/Base N/A Housing Aluminium Mount Ceiling recessed mounting General application Hospitality, Logistics & Industry, Office ETIM Class EC001744 E-number FI 4278158 Warranty 5 years Fixture luminous flux (Im) 1160 Luminous flux (Im) 1160 Luminous flux (Im) 97 LOR (%) 100 Colour temperature (K) 4000 Light colour Neutral White CRI (Ra) 80 Colour Variation Initial (SDCM) SDCM5 Beam Angle (*) 74 Glare control < 25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) Housing colour IP 444/20 IK rating IR07 | Product name | START Downlight 150 IP44 DALI 1160Lm 840 |
|---|--|---------------------------------|---|
| Housing Aluminium Mount Ceiling recessed mounting General application Hospitality, Logistics & Industry, Office ETIM Class EC001744 E-number FI 4278158 Warranty 5 years Fixture luminous flux (Im) 1160 Luminous flux (Im) 1160 Luminaire efficacy (Im/W) 97 LOR (%) 100 Colour temperature (K) 4000 Light colour Neutral White CRI (Ra) 80 Colour Variation Initial (SDCM) SDCM5 Beam Angle (°) 74 Glare control <25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) | Housing Aluminium Mount Ceiling recessed mounting General application Hospitality, Logistics & Industry, Office ETIM Class EC001744 E-number FI 4278158 Warranty 5 years Fixture luminous flux (Im) 1160 Luminous flux (Im) 1160 Luminaire efficacy (Im/W) 97 LOR (%) 100 Colour temperature (K) 4000 Light colour Neutral White CRI (Ra) 80 Colour Variation Initial (SDCM) SDCM5 Beam Angle (°) 74 Glare control <25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) Housing colour IP 444/20 IK rating IR07 | Technology | LED |
| Mount Ceiling recessed mounting General application Hospitality, Logistics & Industry, Office ETIM Class EC001744 E-number FI 4278158 Warranty 5 years Fixture luminous flux (lm) 1160 Luminous flux (lm) 1160 Luminous flux (lm) 97 LOR (%) 100 Colour temperature (K) 4000 Light colour Neutral White CRI (Ra) 80 Colour Variation Initial (SDCM) SDCM5 Beam Angle (°) 74 Glare control < 25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) | Mount Ceiling recessed mounting General application Hospitality, Logistics & Industry, Office ETIM Class EC001744 E-number FI 4278158 Warranty 5 years Fixture luminous flux (Im) 1160 Luminous flux (Im) 1160 Luminaire efficacy (Im/W) 97 LOR (%) 100 Colour temperature (K) 4000 Light colour Neutral White CRI (Ra) 80 Colour Variation Initial (SDCM) SDCM5 Beam Angle (°) 74 Glare control < 25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) Housing colour IF rating IP44/20 IK rating IK07 | Cap/Base | N/A |
| General application Hospitality, Logistics & Industry, Office ETIM Class EC001744 E-number FI 4278158 Warranty 5 years Fixture luminous flux (Im) 1160 Luminous flux (Im) 1160 Luminaire efficacy (Im/W) 97 LOR (%) 100 Colour temperature (K) 4000 Light colour Neutral White CRI (Ra) 80 Colour Variation Initial (SDCM) SDCM5 Beam Angle (°) 74 Glare control <25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) | General application Hospitality, Logistics & Industry, Office ETIM Class EC001744 E-number FI 4278158 Warranty 5 years Fixture luminous flux (Im) 1160 Luminous flux (Im) 1160 Luminous flux (Im) 97 LOR (%) 100 Colour temperature (K) 4000 Light colour Neutral White CRI (Ra) 80 Colour Variation Initial (SDCM) SDCM5 Beam Angle (°) 74 Glare control < 25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) Housing colour IRA | Housing | Aluminium |
| ETIM Class EC001744 E-number FI 4278158 Warranty 5 years Fixture luminous flux (Im) 1160 Luminous flux (Im) 1160 Luminaire efficacy (Im/W) 97 LOR (%) 100 Colour temperature (K) 4000 Light colour Neutral White CRI (Ra) 80 Colour Variation Initial (SDCM) SDCM5 Beam Angle (°) 74 Glare control < 25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) | ETIM Class | Mount | Ceiling recessed mounting |
| E-number FI | E-number FI | General application | Hospitality, Logistics & Industry, Office |
| Warranty 5 years Fixture luminous flux (Im) 1160 Luminous flux (Im) 1160 Luminaire efficacy (Im/W) 97 LOR (%) 100 Colour temperature (K) 4000 Light colour Neutral White CRI (Ra) 80 Colour Variation Initial (SDCM) SDCM5 Beam Angle (°) 74 Glare control < 25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) | Warranty 5 years Fixture luminous flux (Im) 1160 Luminous flux (Im) 1160 Luminaire efficacy (Im/W) 97 LOR (%) 100 Colour temperature (K) 4000 Light colour Neutral White CRI (Ra) 80 Colour Variation Initial (SDCM) SDCM5 Beam Angle (°) 74 Glare control < 25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) Housing colour RAL 9003 - Signal white IP rating IP44/20 IK rating IK07 | ETIM Class | EC001744 |
| Fixture luminous flux (Im) Luminous flux (Im) Luminaire efficacy (Im/W) LOR (%) Colour temperature (K) Light colour CRI (Ra) Colour Variation Initial (SDCM) Beam Angle (°) Glare control Photobiological Risk Group Total power consumption (W) Electrical protection Class II Control gear type Dimmable Dimmable Dimmable Dimming method Minimum dimming level (%) LID Flickering Rate 100 100 Neutral White A00 SDCM5 SDCM5 SDCM5 SDCM5 RG A1 Colour Variation Initial (SDCM) SDCM5 Beam Angle (°) 74 Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) | Fixture luminous flux (Im) Luminous flux (Im) Luminous flux (Im) Luminaire efficacy (Im/W) LOR (%) Colour temperature (K) Light colour Neutral White CRI (Ra) 80 Colour Variation Initial (SDCM) SDCM5 Beam Angle (°) 74 Glare control < | E-number FI | 4278158 |
| Luminous flux (Im)1160Luminaire efficacy (Im/W)97LOR (%)100Colour temperature (K)4000Light colourNeutral WhiteCRI (Ra)80Colour Variation Initial (SDCM)SDCM5Beam Angle (°)74Glare control< 25Photobiological Risk GroupRG0Total power consumption (W)12Electrical protectionClass IIControl gear typeLED driver constant currentDimmableYesDimming methodDALIMinimum dimming level (%)1LED Flickering RateUltra low (5% or less) | Luminaire efficacy (Im/W) 97 LOR (%) 100 Colour temperature (K) 4000 Light colour Neutral White CRI (Ra) 80 Colour Variation Initial (SDCM) SDCM5 Beam Angle (°) 74 Glare control < 25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) Housing colour RAL 9003 - Signal white IP rating IP44/20 IK rating IK07 | Warranty | 5 years |
| Luminaire efficacy (Im/W) 97 LOR (%) 100 Colour temperature (K) 4000 Light colour Neutral White CRI (Ra) 80 Colour Variation Initial (SDCM) SDCM5 Beam Angle (°) 74 Glare control <25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) | Luminaire efficacy (Im/W) 97 LOR (%) 100 Colour temperature (K) 4000 Light colour Neutral White CRI (Ra) 80 Colour Variation Initial (SDCM) SDCM5 Beam Angle (°) 74 Glare control < 25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) Housing colour RAL 9003 - Signal white IP rating IP44/20 IK rating IK07 | Fixture luminous flux (lm) | 1160 |
| LOR (%) Colour temperature (K) Light colour Neutral White CRI (Ra) 80 Colour Variation Initial (SDCM) Beam Angle (°) Glare control Photobiological Risk Group Total power consumption (W) 12 Electrical protection Control gear type Dimmable Ves Dimming method Minimum dimming level (%) 1 LED Flickering Rate 100 Auou Auou Auou Auou Auou Auou Auou A | LOR (%) Colour temperature (K) Light colour CRI (Ra) Colour Variation Initial (SDCM) Beam Angle (°) Glare control Photobiological Risk Group Total power consumption (W) Electrical protection Control gear type Dimmable Yes Dimming method Minimum dimming level (%) LED Flickering Rate Housing colour IP rating IK rating Neutral White 4000 LOB SDCM5 B80 COM5 B80 COM5 B80 COM5 B80 COM5 B80 COM5 B80 COM5 Class II Colass II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) Housing colour RAL 9003 - Signal white IP 44/20 IK rating IK 180 | Luminous flux (Im) | 1160 |
| Colour temperature (K) 4000 Light colour Neutral White CRI (Ra) 80 Colour Variation Initial (SDCM) SDCM5 Beam Angle (°) 74 Glare control < 25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) | Colour temperature (K) 4000 Light colour Neutral White CRI (Ra) 80 Colour Variation Initial (SDCM) SDCM5 Beam Angle (°) 74 Glare control < 25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) Housing colour RAL 9003 - Signal white IP rating IP44/20 IK rating IK07 | Luminaire efficacy (Im/W) | 97 |
| Light colour CRI (Ra) 80 Colour Variation Initial (SDCM) Beam Angle (°) Glare control Photobiological Risk Group Total power consumption (W) Electrical protection Control gear type Dimmable Dimmable Dimming method Minimum dimming level (%) LED Flickering Rate Neutral White 80 RG0 T4 Cable Flow Cable Cable Cable Class II Control gear type LED driver constant current Dimmable DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) | Light colour CRI (Ra) 80 Colour Variation Initial (SDCM) Beam Angle (°) 74 Glare control Photobiological Risk Group Total power consumption (W) Electrical protection Control gear type LED driver constant current Dimmable Yes Dimming method Minimum dimming level (%) LED Flickering Rate Housing colour RAL 9003 - Signal white IP rating IK rating | LOR (%) | 100 |
| CRI (Ra) 80 Colour Variation Initial (SDCM) SDCM5 Beam Angle (°) 74 Glare control < 25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) | CRI (Ra) 80 Colour Variation Initial (SDCM) SDCM5 Beam Angle (°) 74 Glare control < 25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) Housing colour RAL 9003 - Signal white IP rating IP44/20 IK rating IK07 | Colour temperature (K) | 4000 |
| Colour Variation Initial (SDCM) Beam Angle (°) Glare control Yes Dimming method Minimum dimming level (%) SDCM5 SDCM5 SDCM5 SDCM5 PA FA FA FA FA FA FA FA FA FA | Colour Variation Initial (SDCM) Beam Angle (°) Glare control Colour Variation Initial (SDCM) Ream Angle (°) Ream Angle (° | Light colour | Neutral White |
| Beam Angle (°) 74 Glare control < 25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) | Beam Angle (°) 74 Glare control < 25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) Housing colour RAL 9003 - Signal white IP rating IP44/20 IK rating IK07 | CRI (Ra) | 80 |
| Glare control < 25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) | Glare control < 25 Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) Housing colour RAL 9003 - Signal white IP rating IP44/20 IK rating IK07 | Colour Variation Initial (SDCM) | SDCM5 |
| Photobiological Risk Group RG0 Total power consumption (W) 12 Electrical protection Class II Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) | Photobiological Risk Group Total power consumption (W) 12 Electrical protection Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) LED Flickering Rate Ultra low (5% or less) Housing colour RAL 9003 - Signal white IP rating IK rating IK07 | Beam Angle (°) | 74 |
| Total power consumption (W) Electrical protection Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) LED Flickering Rate 12 LED driver constant current DIMMINIMUM DALI Ultra low (5% or less) | Total power consumption (W) Electrical protection Control gear type Dimmable Dimming method Minimum dimming level (%) LED Flickering Rate Housing colour IP rating IK rating IV Class II LED driver constant current Yes DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) RAL 9003 - Signal white IP 44/20 IK rating IK 1807 | Glare control | < 25 |
| Electrical protection Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) LED Flickering Rate Class II LED driver constant current Yes Ultra low (5% or less) | Electrical protection Control gear type LED driver constant current Dimmable Yes Dimming method DALI Minimum dimming level (%) LED Flickering Rate Ultra low (5% or less) Housing colour RAL 9003 - Signal white IP rating IK rating IK07 | Photobiological Risk Group | RG0 |
| Control gear type LED driver constant current Pimmable Yes Dimming method DALI Minimum dimming level (%) LED Flickering Rate LED driver constant current Yes Ultra low (5% or less) | Control gear type Dimmable Yes Dimming method DALI Minimum dimming level (%) LED Flickering Rate Housing colour IP rating IK rating LED driver constant current Yes Utra low (5% or less) Housing colour RAL 9003 - Signal white IP44/20 IK 7 | Total power consumption (W) | 12 |
| Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) | Dimmable Yes Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) Housing colour RAL 9003 - Signal white IP rating IP44/20 IK rating IK07 | Electrical protection | Class II |
| Dimming method DALI Minimum dimming level (%) 1 LED Flickering Rate Ultra low (5% or less) | Dimming method DALI Minimum dimming level (%) LED Flickering Rate Ultra low (5% or less) Housing colour RAL 9003 - Signal white IP rating IP44/20 IK rating IK07 | Control gear type | LED driver constant current |
| Minimum dimming level (%) LED Flickering Rate Ultra low (5% or less) | Minimum dimming level (%) LED Flickering Rate Ultra low (5% or less) Housing colour RAL 9003 - Signal white IP rating IK rating IK07 | Dimmable | Yes |
| LED Flickering Rate Ultra low (5% or less) | LED Flickering RateUltra low (5% or less)Housing colourRAL 9003 - Signal whiteIP ratingIP44/20IK ratingIK07 | Dimming method | DALI |
| · , | Housing colour RAL 9003 - Signal white IP rating IP44/20 IK rating IK07 | Minimum dimming level (%) | 1 |
| Housing colour PAL 9003 Signal white | IP rating IP44/20 IK rating IK07 | LED Flickering Rate | Ultra low (5% or less) |
| riodaling colodi | IK rating IK07 | Housing colour | RAL 9003 - Signal white |
| IP rating IP44/20 | | IP rating | IP44/20 |
| | Product EAN number 5410288303338 | • | IK07 |
| Product FAN number 5410288303338 | | Product EAN number | 5410288303338 |



START DOWNLIGHT IP44 150 START Downlight 150 IP44 DALI 1160Lm 840 0030333

PHOTOMETRY





TECHNICAL DRAWINGS

