

START DOWNLIGHT IP44 150

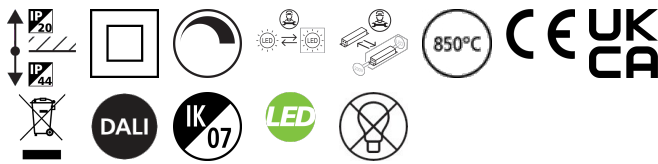
START Downlight 150 IP44 DALI 1160Lm 840

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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 luminaires. 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



PRODUCT OVERVIEW

Product name	START Downlight 150 IP44 DALI 1160Lm 840
Technology	LED
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 (lm)	1100
Luminous flux (lm)	1160
Luminaire efficacy (lm/W)	92
LOR (%)	100
Colour temperature (K)	4000
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	Electronic ballast
Dimmable	Yes
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
Product EAN number	5410288303338

DATA TABLE

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General data

Product name	START Downlight 150 IP44 DALI 1160Lm 840
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Logistics & Industry, Office
Operating temperature range (°C)	-10°C - 40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4278158
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1100
Luminous flux (lm)	1160
Luminaire efficacy (lm/W)	92
LOR (%)	100
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Adjustable chromaticity	N
Beam Angle (°)	74
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	12
Mains voltage (V)	220-240V~
Lamp power factor	1
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	Yes
Minimum dimming level (%)	1
Drive current (mA)	300
Inrush Current (A)	18
Inrush Duration (µs)	140
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	36
Max. Luminaires per 13A C Breaker	50
Max. Luminaires per 16A C Breaker	60
Max. Luminaires per 20A C Breaker	76

Lifetime data

Lifespan L70 B50	100000
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Lifespan L80 B20	74000
Lifespan L90 B10	34000

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Reflector finish	High-gloss
Nominal Product Length (mm)	165
Nominal Product Width (mm)	165
Nominal Product Height (mm)	45
Nominal Product Diameter (mm)	165
Cutout Dimensions (W x L in mm or Diameter in mm)	150
Weight (kg)	0.4
Recessed Depth (mm)	150

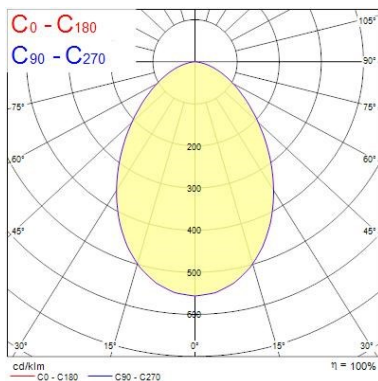
Packaging

Single packaging type	Carton
Product EAN number	5410288303338
Packaging single length / height (cm)	22.3
Packaging single width (cm)	19.0
Packaging single depth (cm)	9.1
DUN14 (outer)	15410288303335
Units per outer package	20
Packaging outer length / height (cm)	46.4
Packaging outer width (cm)	39.9
Packaging outer depth (cm)	48.0

Safety data

Optimal operating condition (°C)	-10-40
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PHOTOMETRY



Distance [m]	Cone diameter [m]	E ₀ [lx]	E ₁ [lx]	E ₂ [lx]
0.5	0.81	2481	38.9°	582
1.0	1.61	615	38.9°	148
1.5	2.42	273	38.9°	66
2.0	3.23	154	38.9°	38
2.5	4.03	96	38.9°	23
3.0	4.84	65	38.9°	16

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 77.8°)

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TECHNICAL DRAWINGS

