

START DOWNLIGHT IP44 225

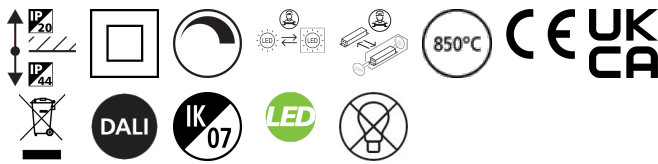
START Downlight 225 IP44 DALI 2350Lm 840

0030339



Product features

- Ceiling recessed LED downlight IP44 (from the front), with only 65mm product depth and 225mm cutout. Supplied with DALI Tridonic push dim driver with loop in - out option (2800671). Ideal replacement for 2x26W CFL downlights. The polycarbonate diffuser allows for a wider light distribution and increased spacings between luminaires. Die-cast aluminium body, 2350LM, 23W, 102lm/W, 4000K, Driver Current: 650mA, CRI80, 74° beam angle, IP44 from the front, IK07, (HxW) 65x225mm, Class 2, 220-240V



PRODUCT OVERVIEW

Product name	START Downlight 225 IP44 DALI 2350Lm 840
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Logistics & Industry, Office
ETIM Class	EC001744
E-number FI	4278169
Warranty	5 years
Fixture luminous flux (lm)	2275
Luminous flux (lm)	2350
Luminaire efficacy (lm/W)	95
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	74
Glare control	< 25
Photobiological Risk Group	RG0
Total power consumption (W)	23
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	5410288303390

DATA TABLE

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General data

Product name	START Downlight 225 IP44 DALI 2350Lm 840
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Logistics & Industry, Office
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4278169
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2275
Luminous flux (lm)	2350
Luminaire efficacy (lm/W)	95
LOR (%)	100
Colour temperature (K)	3000
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)	23
Mains voltage (V)	220-240V~
Lamp power factor	0.96
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)	650
Inrush Current (A)	25
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	31
Max. Luminaires per 13A C Breaker	40
Max. Luminaires per 16A C Breaker	51
Max. Luminaires per 20A C Breaker	66

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	74000

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Lifespan L90 B10	34000
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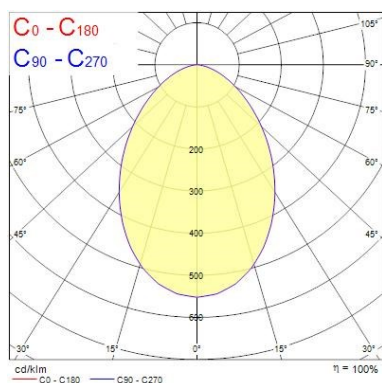
Physical data

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)	240
Nominal Product Width (mm)	240
Nominal Product Height (mm)	65
Nominal Product Diameter (mm)	240
Cutout Dimensions (W x L in mm or Diameter in mm)	225
Weight (kg)	0.56
Recessed Depth (mm)	150

Packaging

Single packaging type	Carton
Product EAN number	5410288303390
Packaging single length / height (cm)	25.8
Packaging single width (cm)	25.8
Packaging single depth (cm)	10.0
DUN14 (outer)	15410288303397
Units per outer package	12
Packaging outer length / height (cm)	53.0
Packaging outer width (cm)	53.0
Packaging outer depth (cm)	32.5

PHOTOMETRY



Distance [m]	Cone diameter [m]	E _v [lx]	E _v (CO) [lx]
0.5	0.82	5038	1188
1.0	1.64	1257	292
1.5	2.46	539	130
2.0	3.27	314	73
2.5	4.09	201	47
3.0	4.91	140	33

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 78.6°) Illuminance [lx]

TECHNICAL DRAWINGS

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