

START DOWNLIGHT IP44 225

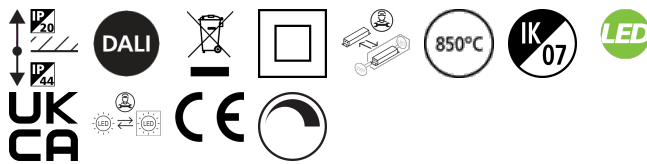
START Downlight 225 IP44 DALI 2350Lm 840

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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. Meets TP(a) requirements.



PRODUCT OVERVIEW

Product name	START Downlight 225 IP44 DALI 2350Lm 840
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Logistics & Industry, Office
E-number FI	4278169
Warranty	5 years
Fixture luminous flux (lm)	2350
Luminous flux (lm)	2350
Luminaire efficacy (lm/W)	102
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
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	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
Product EAN number	5410288303390

START DOWNLIGHT IP44 225

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0030339

DATA TABLE

General data

Product name	START Downlight 225 IP44 DALI 2350Lm 840
Technology	LED
Cap/Base	N/A
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
E-number FI	4278169
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2350
Luminous flux (lm)	2350
Luminaire efficacy (lm/W)	102
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
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	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Inrush Current (A)	25
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	E
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 10A B Breaker	19

START DOWNLIGHT IP44 225

START Downlight 225 IP44 DALI 2350Lm 840

0030339

Max. Luminaires per 16A B Breaker	31
Max. Luminaires per 20A B Breaker	40

Lifetime data

Lifespan L70 B50	100000
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 Diameter (mm)	240
Cutout Dimensions (W x L in mm or Diameter in mm)	225
Weight (kg)	0.56
Recessed Depth (mm)	150

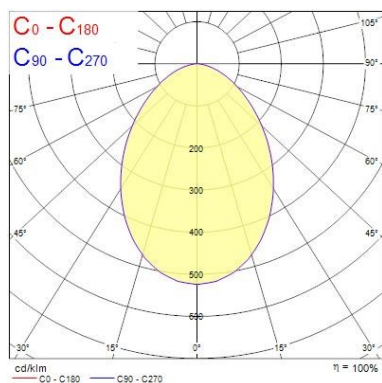
Packaging

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
Units per outer package	12
Packaging outer width (cm)	53.0
Packaging outer depth (cm)	32.5

Safety data

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



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.56	4303
1.0	1.12	1076
1.5	1.68	468
2.0	2.24	217
2.5	2.80	135
3.0	3.36	91

C0 - C180 (Half beam angle: 81.4°)

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TECHNICAL DRAWINGS

