

START DOWNLIGHT IP44 205

START Downlight 205 IP44 DALI 1950Lm 830

0030336



Product features

- Ceiling recessed LED downlight IP44 (from the front), with only 60mm product depth and 205mm cutout. Supplied with DALI Tridonic push dim driver with loop in - out option (2800671). Ideal replacement for 1x42W CFL downlights. The polycarbonate diffuser allows for a wider light distribution and increased spacings between luminaires. Die-cast aluminium body, 1950LM, 20W, 98lm/W, 3000K, Driver Current: 600mA, CRI80, 74° beam angle, IP44 from the front, IK07, (HxW) 60x205mm, Class 2, 220-240V. Meets TP(a) requirements.



PRODUCT OVERVIEW

Product name	START Downlight 205 IP44 DALI 1950Lm 830
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Logistics & Industry, Office
ETIM Class	EC001744
E-number FI	4278163
Warranty	5 years
Fixture luminous flux (lm)	1950
Luminous flux (lm)	1950
Luminaire efficacy (lm/W)	98
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	80
Glare control	< 26
Photobiological Risk Group	RG0
Total power consumption (W)	20
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	5410288303369

START DOWNLIGHT IP44 205

START Downlight 205 IP44 DALI 1950Lm 830

0030336

DATA TABLE

General data

Product name	START Downlight 205 IP44 DALI 1950Lm 830
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 T _a (°C)	25
ETIM Class	EC001744
E-number FI	4278163
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1950
Luminous flux (lm)	1950
Luminaire efficacy (lm/W)	98
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Adjustable chromaticity	N
Beam Angle (°)	80
Distribution type	Symmetric
Glare control	< 26
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	20
Mains voltage (V)	220-240V
Lamp power factor	0.96
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20.0
Electrical protection	Class II
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>100000
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Drive current (mA)	600
Inrush Current (A)	25
Inrush Duration (µs)	140
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	E

START DOWNLIGHT IP44 205

START Downlight 205 IP44 DALI 1950Lm 830

0030336

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
Max. Luminaires per 10A B Breaker	19
Max. Luminaires per 13A B Breaker	24
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 Height (mm)	60
Nominal Product Diameter (mm)	220
Cutout Dimensions (W x L in mm or Diameter in mm)	205
Weight (kg)	0.568
Recessed Depth (mm)	60

Packaging

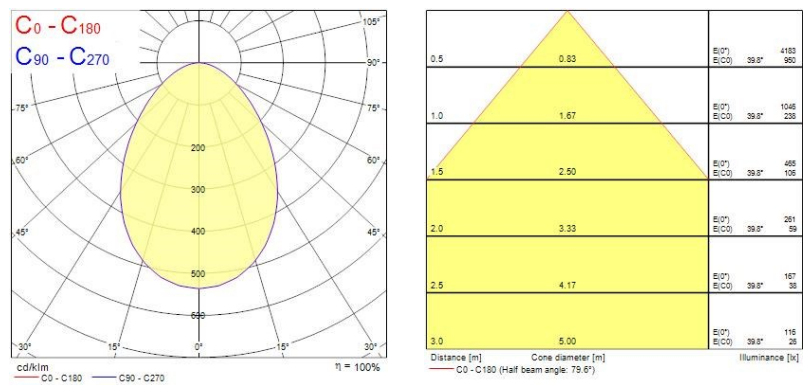
Single packaging type	Carton
Product EAN number	5410288303369
Packaging single length / height (cm)	23.5
Packaging single width (cm)	23.3
Packaging single depth (cm)	9.5
DUN14 (outer)	15410288303366
Units per outer package	12
Packaging outer length / height (cm)	48.9
Packaging outer width (cm)	49.0
Packaging outer depth (cm)	31.3

Safety data

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

PHOTOMETRY

START DOWNLIGHT IP44 205
START Downlight 205 IP44 DALI 1950Lm 830
0030336



TECHNICAL DRAWINGS

