

START Downlight 205 IP54 2100Lm 830 DALI
0030336



Features

• Ceiling recessed LED downlight IP54 (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, 20W, 3000K, Driver Current: 600mA, CRI80, 74° beam angle, IP54 from the front, IK07, (HxW) 60x205mm, Class 2, 220-240V. Meets TP(a) requirements.

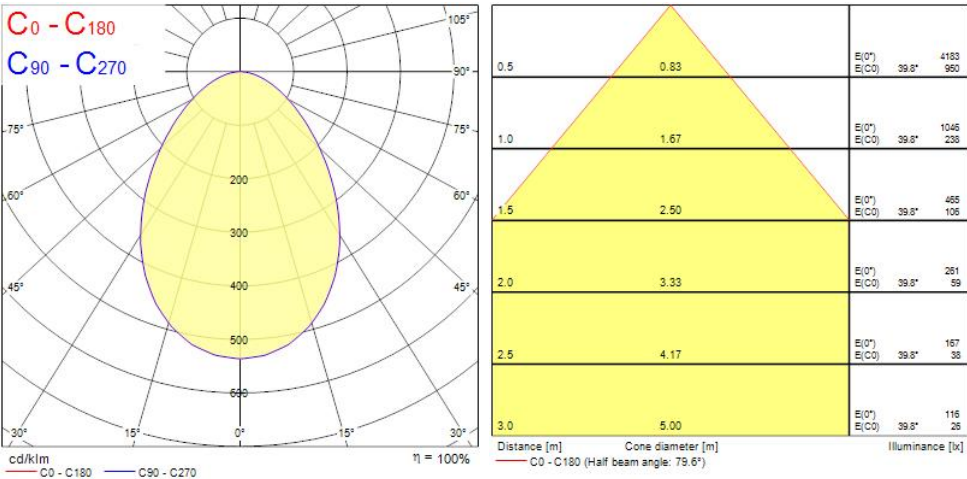
Product Overview

Product name	START Downlight 205 IP54 2100Lm 830 DALI
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
Fixture luminous flux (lm)	2100
Luminaire efficacy (lm/W)	105
LOR (%)	100
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
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

START Downlight 205 IP54 2100Lm 830 DALI
0030336

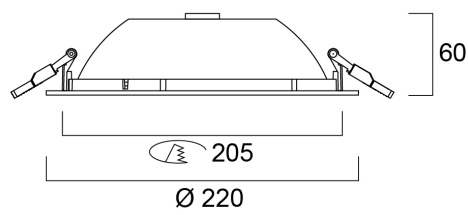
Dimmable	Yes
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9010
IP rating	IP54/20
IK rating	IK07
Product EAN number	5410288303369
Warranty	5 years
Dimming method	DALI, DALI-2, Switch-dim (mains-rated)

Photometry



START Downlight 205 IP54 2100Lm 830 DALI
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Technical drawings



Data table

GENERAL DATA

Product name	START Downlight 205 IP54 2100Lm 830 DALI
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
ETIM Class	EC001744
E-number FI	4278163
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	2100
Luminaire efficacy (lm/W)	105

START Downlight 205 IP54 2100Lm 830 DALI 0030336

LOR (%)	100
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	80
Distribution type	Symmetric
Glare control	< 26
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	20
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
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 required	No
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>100000
Dimmable	Yes
Dimming method	DALI, DALI-2, Switch-dim (mains-rated)
Minimum dimming level (%)	1
Drive current (mA)	600
Inrush Current (A)	25
Inrush Duration (µs)	140
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	31
Max. products per 13A C Breaker	40

START Downlight 205 IP54 2100Lm 830 DALI 0030336

Max. products per 16A C Breaker	51
Max. products per 20A C Breaker	66
Max. products per 10A B Breaker	19
Max. products per 13A B Breaker	24
Max. products per 16A B Breaker	31
Max. products per 20A B Breaker	40
Connectable conductor cross section - Min (mm ²)	0.5
Connectable conductor cross section - Max (mm ²)	2.5

LIFETIME DATA

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

PHYSICAL DATA

Housing colour	RAL9010
IP rating	IP54/20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Reflector finish	High-gloss
Nominal Product Height (mm)	60
Nominal Product Diameter (mm)	220
Weight (kg)	0.506
Recessed Depth (mm)	150

PACKAGING

Product EAN number	5410288303369
Packaging single length / height (cm)	23.6
Packaging single width (cm)	23.6
Packaging single depth (cm)	9.6
DUN14 (inner)	15410288303366



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0030336

Units per outer package	12
Packaging outer length / height (cm)	48.9
Packaging outer width (cm)	48.9
Packaging outer depth (cm)	31.5

SAFETY DATA

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-10-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No