

Start Downlight Flat 157 IP44 1000LM 830 DIM
0054120



Features

- START Downlight Flat IP44 DIM is an integrated LED recessed downlight with a separate, phase dimmable driver and loop in- out box, 12W; 1000Lm; 83Lm/W; 3000K; IP44 rated from the front.

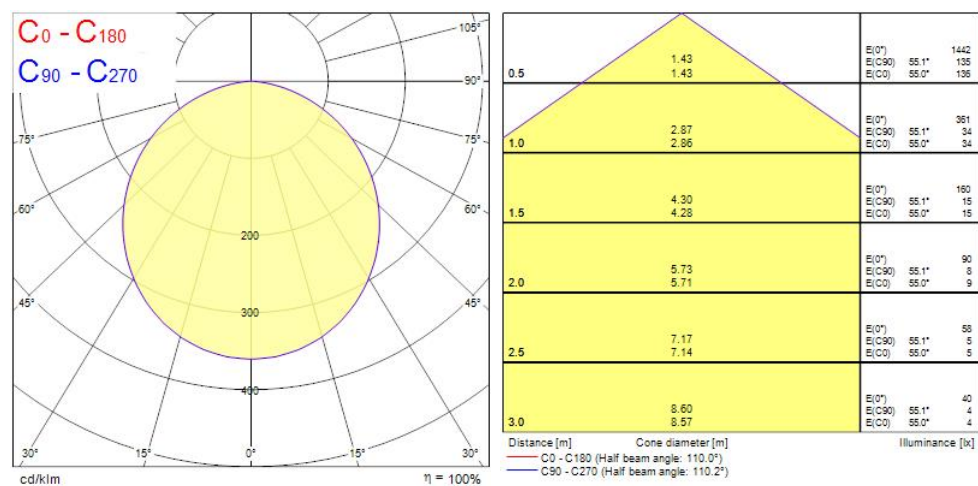
Product Overview

Product name	Start Downlight Flat 157 IP44 1000LM 830 DIM
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Max load (A)	120
Mount	Ceiling recessed mounting
General application	Hospitality
ETIM Class	EC001744
E-number FI	4278493
Fixture luminous flux (lm)	1000
Luminaire efficacy (lm/W)	83
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	120
Glare control	< 28
Photobiological Risk Group	RG0
Total power consumption (W)	12
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes

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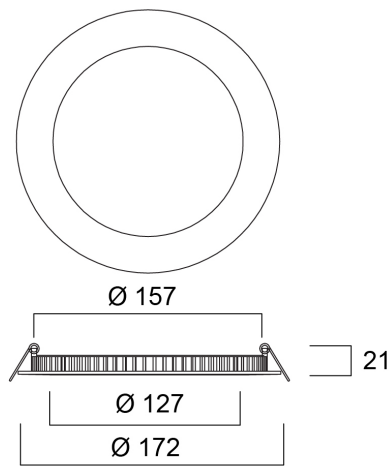
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK06
Product EAN number	5410288541204
Warranty	5 years
Dimming method	Mains: leading / trailing edge

Photometry



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Technical drawings



Data table

GENERAL DATA

Product name	Start Downlight Flat 157 IP44 1000LM 830 DIM
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4278493
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	1000
Luminaire efficacy (lm/W)	83

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Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	120
Distribution type	Symmetric
Glare control	< 28
Photobiological Risk Group	RG0

ELECTRICAL DATA

Max load (A)	120
Total power consumption (W)	12
Mains voltage (V)	220-240V
Lamp power factor	0.9
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
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Drive current (mA)	300
Inrush Current (A)	2.35
Inrush Duration (µs)	120
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	95
Max. Luminaires per 13A C Breaker	124
Max. Luminaires per 16A C Breaker	152
Max. Luminaires per 20A C Breaker	190
Max. Luminaires per 10A B Breaker	95
Max. Luminaires per 13A B Breaker	124

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Max. Luminaires per 16A B Breaker	152
Max. Luminaires per 20A B Breaker	190

LIFETIME DATA

Lifespan L70 B50	78000
Lifespan L80 B20	43000
Lifespan L80 B10	42000
Lifespan L90 B10	23000

PHYSICAL DATA

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK06
Diffuser finish	Opal
Diffuser material	PS Polystyrene
Reflector finish	None
Nominal Product Height (mm)	21
Nominal Product Diameter (mm)	172
Cutout Dimensions (W x L in mm or Diameter in mm)	155
Weight (kg)	0.327

PACKAGING

Single packaging type	Carton
Product EAN number	5410288541204
Packaging single length / height (cm)	22.0
Packaging single width (cm)	17.5
Packaging single depth (cm)	4.2
DUN14 (outer)	15410288541201
Units per outer package	10
Packaging outer length / height (cm)	36.5
Packaging outer width (cm)	23.0
Packaging outer depth (cm)	23.5



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SAFETY DATA

Optimal operating condition (°C)	-20-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No