

START eco Downlight Flat 205 IP44 2200lm 830 DIM 0053940



Features

- START eco Downlight Flat IP44 DIM is an integrated LED recessed downlight with a separate phase dimmable driver and Loop in out box; 24W; 2200Lm; 92Lm/W; 3000K; IP44 rated from the front.

Product Overview

Product name	START eco Downlight Flat 205 IP44 2200lm 830 DIM
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality
ETIM Class	EC001744
Fixture luminous flux (lm)	2200
Luminaire efficacy (lm/W)	92
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Beam Angle (°)	120
Glare control	< 28
Photobiological Risk Group	RG0
Total power consumption (W)	24
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK06

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Product EAN number	5410288539409
Warranty	3 years
Dimming method	Mains: leading / trailing edge

Data table

GENERAL DATA

Product name	START eco Downlight Flat 205 IP44 2200lm 830 DIM
Technology	LED
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
Warranty	3 years

OPTICAL DATA

Fixture luminous flux (lm)	2200
Luminaire efficacy (lm/W)	92
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Beam Angle (°)	120
Distribution type	Symmetric
Glare control	< 28
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	24
Mains voltage (V)	220-240V

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Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ 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)	600
Inrush Current (A)	4.16
Inrush Duration (μ s)	112
Glow Wire Test ($^{\circ}$ 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	51
Max. Luminaires per 13A C Breaker	67
Max. Luminaires per 16A C Breaker	82
Max. Luminaires per 20A C Breaker	103
Max. Luminaires per 10A B Breaker	51
Max. Luminaires per 13A B Breaker	67
Max. Luminaires per 16A B Breaker	82
Max. Luminaires per 20A B Breaker	103

LIFETIME DATA

Lifespan L70 B50	60000
Lifespan L90 B10	23000

PHYSICAL DATA

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK06
Diffuser finish	Opal

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Diffuser material	PS Polystyrene
Nominal Product Height (mm)	21
Nominal Product Diameter (mm)	226
Cutout Dimensions (W x L in mm or Diameter in mm)	205
Weight (kg)	0.536

PACKAGING

Single packaging type	Carton
Product EAN number	5410288539409
Packaging single length / height (cm)	27.5
Packaging single width (cm)	4.2
Packaging single depth (cm)	23.0
DUN14 (outer)	15410288539406
Units per outer package	10
Packaging outer length / height (cm)	48.5
Packaging outer width (cm)	23.9
Packaging outer depth (cm)	29.5

SAFETY DATA

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