

Start Downlight Flat 205 IP44 2250LM 840 DIM 0054125



Features

- START Downlight Flat IP44 DIM is an integrated LED recessed downlight with a separate phase dimmable driver and loop in out box; 24W; 2250Lm; 94Lm/W; 4000K; IP44 rated from the front.

Product Overview

Product name	Start Downlight Flat 205 IP44 2250LM 840 DIM
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality
ETIM Class	EC001744
Fixture luminous flux (lm)	2250
Luminaire efficacy (lm/W)	94
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
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

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IK rating	IK06
Product EAN number	5410288541259
Warranty	3 years

Data table

GENERAL DATA

Product name	Start Downlight Flat 205 IP44 2250LM 840 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
Warranty	3 years

OPTICAL DATA

Fixture luminous flux (lm)	2250
Luminaire efficacy (lm/W)	94
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
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
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	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

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Diffuser finish	Opal
Diffuser material	PS Polystyrene
Reflector finish	None
Nominal Product Length (mm)	226
Nominal Product Width (mm)	226
Nominal Product Height (mm)	21
Nominal Product Diameter (mm)	226
Cutout Dimensions (W x L in mm or Diameter in mm)	205
Weight (kg)	0.546

PACKAGING

Single packaging type	Carton
Product EAN number	5410288541259
Packaging single length / height (cm)	27.5
Packaging single width (cm)	4.3
Packaging single depth (cm)	23.0
DUN14 (outer)	15410288541256
Units per outer package	10
Packaging outer length / height (cm)	48.4
Packaging outer width (cm)	24.2
Packaging outer depth (cm)	30.2

SAFETY DATA

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