

START eco Downlight 195mm Round & Square Recessed

START eco Downlight 195 1250lm 840
0053916



Product features

- START eco Downlight is an integrated LED recessed downlight with built-in non dimmable driver; Loop in loop out connector allows for quick installation; 15W; 1250Lm; 83Lm/W; 4000K.



PRODUCT OVERVIEW

Product name	START eco Downlight 195 1250lm 840
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
General application	Retail
ETIM Class	EC001744
Warranty	3 years
Fixture luminous flux (lm)	1250
Luminaire efficacy (lm/W)	83
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	110
Glare control	< 28
Photobiological Risk Group	RG0
Total power consumption (W)	15
Electrical protection	Class II
Dimmable	No
LED Flickering Rate	Medium (21% - 40%)
Housing colour	RAL 9003 - Signal white
IP rating	IP20
IK rating	IK02
Product EAN number	5410288539164
Included lamp	SAX0000A_0000

DATA TABLE

General data

Product name	START eco Downlight 195 1250lm 840
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
General application	Retail

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Operating temperature range (°C)	0°C - 40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Warranty	3 years

Optical data

Fixture luminous flux (lm)	1250
Luminaire efficacy (lm/W)	83
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	110
Distribution type	Symmetric
Glare control	< 28
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	15
Mains voltage (V)	220-240V~
Lamp power factor	0.5
Electrical protection	Class II
Control gear required	No
Dimmable	No
Drive current (mA)	135
Inrush Current (A)	12
Inrush Duration (µs)	200
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Medium (21% - 40%)
Max. Luminaires per 10A C Breaker	56
Max. Luminaires per 13A C Breaker	73
Max. Luminaires per 16A C Breaker	91
Max. Luminaires per 20A C Breaker	114
Max. Luminaires per 10A B Breaker	33
Max. Luminaires per 13A B Breaker	43
Max. Luminaires per 16A B Breaker	54
Max. Luminaires per 20A B Breaker	68

Lifetime data

Lifespan L70 B50	30000
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Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP20
IK rating	IK02
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	215

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Nominal Product Width (mm)	215
Nominal Product Height (mm)	38
Nominal Product Diameter (mm)	215
Weight (kg)	0.284

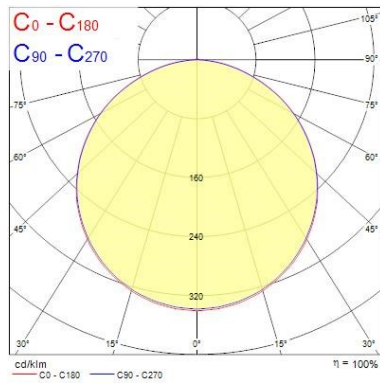
Packaging

Single packaging type	Carton
Product EAN number	5410288539164
Packaging single length / height (cm)	24.8
Packaging single width (cm)	4.5
Packaging single depth (cm)	22.0
DUN14 (outer)	15410288539161
Units per outer package	8
Packaging outer length / height (cm)	45.0
Packaging outer width (cm)	26.0
Packaging outer depth (cm)	21.0

Safety data

Optimal operating condition (°C)	0-40
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PHOTOMETRY



Distance [m]	Cone diameter [m]	E ₀ [lx]	E ₁ [lx]	E ₂ [lx]
0.5	1.55	1748	57.2"	159
1.0	3.10	437	57.2"	38
1.5	4.66	194	57.2"	15
2.0	6.21	109	57.2"	9
2.5	7.76	70	57.2"	6
3.0	9.31	48	57.2"	4

Distance [m] Cone diameter [m] Illuminance [lx]

C0 - C180 (Half beam angle: 114.4°)

TECHNICAL DRAWINGS

