

START eco Downlight 195mm Round & Square Recessed

START eco Downlight 195 2100lm 840
0053917



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; 24W; 2100Lm; 88Lm/W; 4000K.



PRODUCT OVERVIEW

Product name	START eco Downlight 195 2100lm 840
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
General application	Retail
ETIM Class	EC001744
Warranty	3 years
Fixture luminous flux (lm)	2100
Luminaire efficacy (lm/W)	88
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)	24
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	5410288539171
Included lamp	SAX0000A_0000

DATA TABLE

General data

Product name	START eco Downlight 195 2100lm 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)	2100
Luminaire efficacy (lm/W)	88
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)	24
Mains voltage (V)	220-240V~
Lamp power factor	0.5
Electrical protection	Class II
Control gear required	No
Dimmable	No
Drive current (mA)	173
Inrush Current (A)	14
Inrush Duration (µs)	250
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Medium (21% - 40%)
Max. Luminaires per 10A C Breaker	40
Max. Luminaires per 13A C Breaker	53
Max. Luminaires per 16A C Breaker	66
Max. Luminaires per 20A C Breaker	83
Max. Luminaires per 10A B Breaker	23
Max. Luminaires per 13A B Breaker	31
Max. Luminaires per 16A B Breaker	39
Max. Luminaires per 20A B Breaker	49

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)	0.2

Packaging

Single packaging type	Carton
Product EAN number	5410288539171
Packaging single length / height (cm)	21.8
Packaging single width (cm)	4.5
Packaging single depth (cm)	22.0
DUN14 (outer)	15410288539178
Units per outer package	10
Packaging outer length / height (cm)	45.0
Packaging outer width (cm)	23.5
Packaging outer depth (cm)	25.0

Safety data

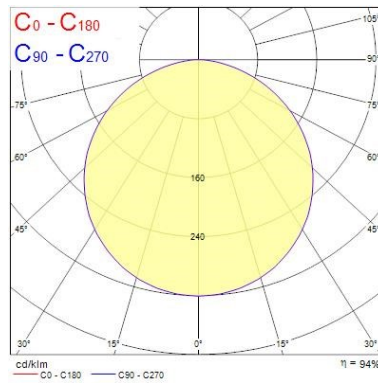
Optimal operating condition (°C)	0-40
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PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(15°) E(C15)	E(30°) E(C30)	E(45°) E(C45)	E(60°) E(C60)	E(75°) E(C75)	E(90°) E(C90)
0.5	1.55	2766	219					
1.0	3.10	689	55					
1.5	4.65	306	24					
2.0	6.21	172	14					
2.5	7.76	110	9					
3.0	9.31	77	6					

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

— C0 - C180 (Half beam angle: 114.4°)



TECHNICAL DRAWINGS

