

START eco Downlight 95mm Round Recessed
START eco Downlight 95 640lm 830
0053910



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; 8W; 640Lm; 80Lm/W; 3000K.



PRODUCT OVERVIEW

Product name	START eco Downlight 95 640lm 830
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
General application	Retail
ETIM Class	EC001744
Warranty	3 years
Fixture luminous flux (lm)	640
Luminaire efficacy (lm/W)	80
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	110
Glare control	< 28
Photobiological Risk Group	RG0
Total power consumption (W)	8
Electrical protection	Class II
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Medium (21% - 40%)
Housing colour	RAL 9003 - Signal white
IP rating	IP20
IK rating	IK02
Product EAN number	5410288539102

DATA TABLE

General data	
Product name	START eco Downlight 95 640lm 830
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting

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General application	Retail
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)	640
Luminaire efficacy (lm/W)	80
Colour temperature (K)	3000
Light colour	Warm White
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)	8
Mains voltage (V)	220-240V
Lamp power factor	0.5
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	115.0
Electrical protection	Class II
Control gear required	No
Dimmable	No
Dimming method	N/A
Drive current (mA)	58
Inrush Current (A)	7
Inrush Duration (µs)	160
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Medium (21% - 40%)
Max. Luminaires per 10A C Breaker	140
Max. Luminaires per 13A C Breaker	183
Max. Luminaires per 16A C Breaker	226
Max. Luminaires per 20A C Breaker	283
Max. Luminaires per 10A B Breaker	83
Max. Luminaires per 13A B Breaker	109
Max. Luminaires per 16A B Breaker	135
Max. Luminaires per 20A B Breaker	169

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)	115
Nominal Product Width (mm)	115
Nominal Product Height (mm)	34
Nominal Product Diameter (mm)	115
Cutout Dimensions (W x L in mm or Diameter in mm)	95
Weight (kg)	0.08

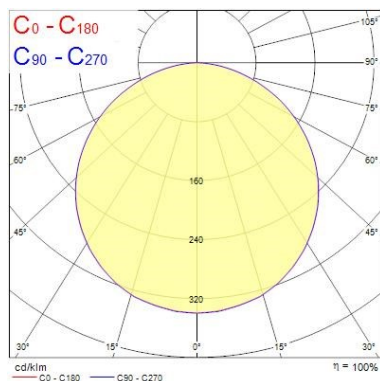
Packaging

Single packaging type	Carton
Product EAN number	5410288539102
Packaging single length / height (cm)	11.7
Packaging single width (cm)	4.0
Packaging single depth (cm)	13.0
DUN14 (outer)	15410288539109
Units per outer package	50
Packaging outer length / height (cm)	60.0
Packaging outer width (cm)	27.5
Packaging outer depth (cm)	22.0

Safety data

Optimal operating condition (°C)	-20-40
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PHOTOMETRY



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.56	890
1.0	3.12	223
1.5	4.67	99
2.0	6.23	56
2.5	7.79	36
3.0	9.35	25

Legend: C0 - C180 (Half beam angle: 114.8°), C90 - C270 (Half beam angle: 114.6°)

TECHNICAL DRAWINGS

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