

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
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
LED Flickering Rate	Medium (21% - 40%)
Housing colour	RAL 9003 - Signal white
IP rating	IP20
IK rating	IK02
Product EAN number	5410288539102
Included lamp	SAX0000A_0000

DATA TABLE

General data

Product name	START eco Downlight 95 640lm 830
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)	640
Luminaire efficacy (lm/W)	80
Colour temperature (K)	3000
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
Electrical protection	Class II
Control gear required	No
Dimmable	No
Drive current (mA)	58
Inrush Current (A)	7
Inrush Duration (µs)	160
Glow Wire Test (°C)	650
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

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Nominal Product Width (mm)	115
Nominal Product Height (mm)	34
Nominal Product Diameter (mm)	115
Weight (kg)	0.08

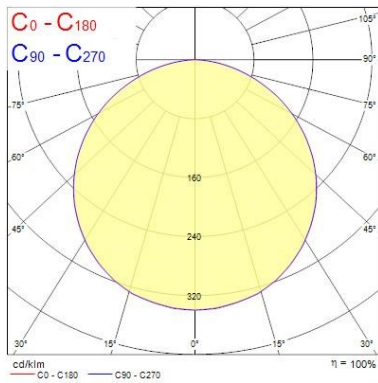
Packaging

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)	0-40
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PHOTOMETRY



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.56	890	71	71	890
	1.56	71	17	17	71
	1.56	17	4	4	17
1.0	3.12	220	18	18	220
	3.12	18	4	4	18
	3.12	4	1	1	4
1.5	4.67	99	8	8	99
	4.67	8	2	2	8
	4.67	2	0.5	0.5	2
2.0	6.23	56	4	4	56
	6.23	4	1	1	4
	6.23	1	0.3	0.3	1
2.5	7.79	36	3	3	36
	7.79	3	0.7	0.7	3
	7.79	0.7	0.2	0.2	0.7
3.0	9.35	26	2	2	26
	9.35	2	0.5	0.5	2
	9.35	0.5	0.1	0.1	0.5

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

— C0 - C180 (Half beam angle: 114.6°)

— C90 - C270 (Half beam angle: 114.6°)

TECHNICAL DRAWINGS

