

## START eco Downlight 145mm Round Recessed

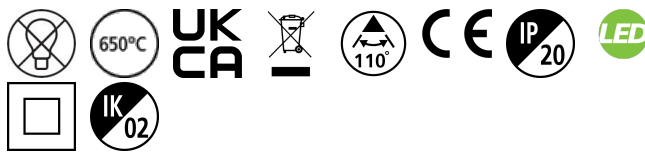
*START eco Downlight 145 950lm 830*

0053911



### 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; 12W; 950Lm; 79Lm/W; 3000K.



### PRODUCT OVERVIEW

Product name	START eco Downlight 145 950lm 830
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
General application	Retail
ETIM Class	EC001744
Warranty	3 years
Fixture luminous flux (lm)	950
Luminaire efficacy (lm/W)	79
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)	12
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	5410288539119
Included lamp	SAX0000A_0000

### DATA TABLE

#### General data

Product name	START eco Downlight 145 950lm 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)	950
Luminaire efficacy (lm/W)	79
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)	12
Mains voltage (V)	220-240V~
Lamp power factor	0.5
Electrical protection	Class II
Control gear required	No
Dimmable	No
Drive current (mA)	85
Inrush Current (A)	9
Inrush Duration (µs)	180
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Medium (21% - 40%)
Max. Luminaires per 10A C Breaker	109
Max. Luminaires per 13A C Breaker	142
Max. Luminaires per 16A C Breaker	175
Max. Luminaires per 20A C Breaker	220
Max. Luminaires per 10A B Breaker	64
Max. Luminaires per 13A B Breaker	84
Max. Luminaires per 16A B Breaker	104
Max. Luminaires per 20A B Breaker	131

### 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)	165

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Nominal Product Width (mm)	165
Nominal Product Height (mm)	38
Nominal Product Diameter (mm)	165
Weight (kg)	0.1

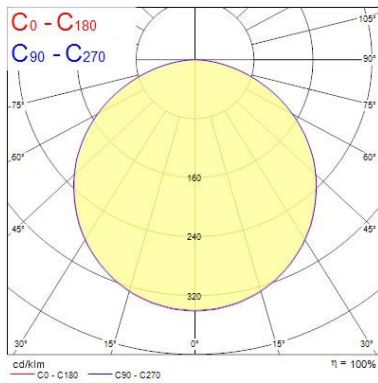
### Packaging

Single packaging type	Carton
Product EAN number	5410288539119
Packaging single length / height (cm)	16.8
Packaging single width (cm)	4.5
Packaging single depth (cm)	17.0
DUN14 (outer)	15410288539116
Units per outer package	30
Packaging outer length / height (cm)	52.0
Packaging outer width (cm)	35.5
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 <sub>0</sub> [lx]	E <sub>1</sub> [lx]	E <sub>2</sub> [lx]
0.5	1.56	1307	57.4*	102
1.0	3.13	327	57.4*	26
1.5	4.69	145	57.4*	11
2.0	6.25	82	57.4*	6
2.5	7.82	52	57.4*	4
3.0	9.38	36	57.4*	3

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 114.8°)

## TECHNICAL DRAWINGS

