

START Downlight Eco145mm Round Recessed
START eco Downlight 145 950lm 840
0053915



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; 4000K.



PRODUCT OVERVIEW

Product name	START eco Downlight 145 950lm 840
Technology	LED
Cap/Base	N/A
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)	4000
Light colour	Neutral White
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
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	5410288539157

DATA TABLE

General data	
Product name	START eco Downlight 145 950lm 840
Technology	LED
Cap/Base	N/A

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Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
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)	950
Luminaire efficacy (lm/W)	79
Colour temperature (K)	4000
Light colour	Neutral 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)	12
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
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)	85
Inrush Current (A)	9
Inrush Duration (µs)	180
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. products per 10A C Breaker	109
Max. products per 13A C Breaker	142
Max. products per 16A C Breaker	175
Max. products per 20A C Breaker	220
Max. products per 10A B Breaker	64
Max. products per 13A B Breaker	84
Max. products per 16A B Breaker	104
Max. products per 20A B Breaker	131

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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 Height (mm)	38
Nominal Product Diameter (mm)	165
Cutout Dimensions (W x L in mm or Diameter in mm)	145
Weight (kg)	0.184

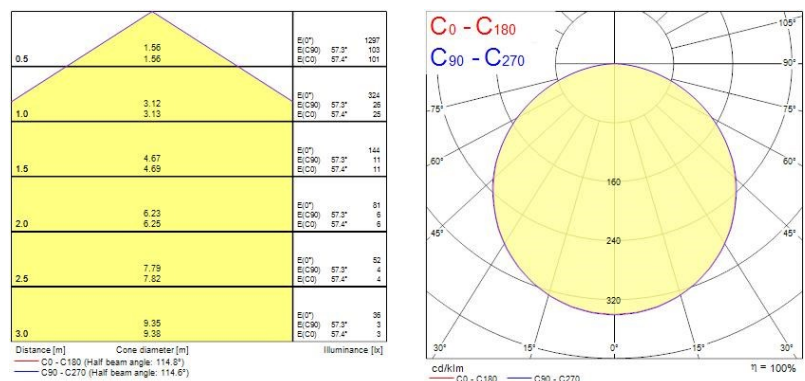
Packaging

Single packaging type	Carton
Product EAN number	5410288539157
Packaging single length / height (cm)	19.5
Packaging single width (cm)	4.5
Packaging single depth (cm)	16.5
DUN14 (outer)	15410288539154
Units per outer package	12
Packaging outer length / height (cm)	35.4
Packaging outer width (cm)	21.3
Packaging outer depth (cm)	30.3

Safety data

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



TECHNICAL DRAWINGS

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