

Features

- START Downlight Eco is an integrated LED recessed downlight with built-in non dimmable driver; Loop in loop out connector allows for quick installation; 12W; 1100Lm; 92Lm/W; 4000K.

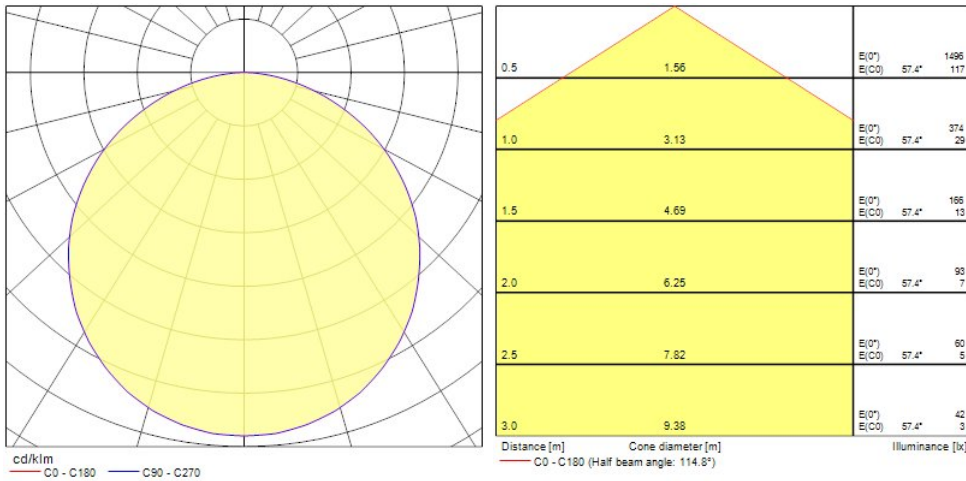
Product Overview

Product name	START Downlight Eco 145 1100lm 840
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
General application	Hospitality, Retail
ETIM Class	EC001744
Fixture luminous flux (lm)	1100
Luminaire efficacy (lm/W)	92
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Beam Angle (°)	110
Glare control	< 28
Photobiological Risk Group	RG0
Total power consumption (W)	12
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No

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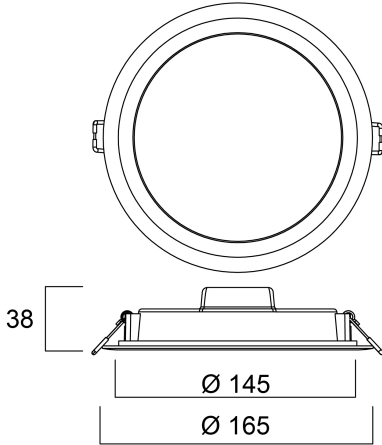
LED Flickering Rate	Medium (21% - 40%)
Housing colour	RAL9003
IP rating	IP20
IK rating	IK02
Product EAN number	5410288551883
Warranty	3 years
Dimming method	N/A

Photometry



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Technical drawings



Data table

GENERAL DATA

Product name	START Downlight Eco 145 1100lm 840
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
General application	Hospitality, 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)	1100
Luminaire efficacy (lm/W)	92
Correlated colour temperature (k)	4000

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Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
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
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	85
Inrush Current (A)	9
Inrush Duration (µs)	180
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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Connectable conductor cross section - Min (mm ²)	0.75
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Connectable conductor cross section - Max (mm ²)	1.5
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LIFETIME DATA

Lifespan L70 B50	30000
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PHYSICAL DATA

Housing colour	RAL9003
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IP rating	IP20
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IK rating	IK02
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Diffuser finish	Opal
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Diffuser material	PC Polycarbonate
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Reflector finish	Not Applicable
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Nominal Product Height (mm)	38
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Nominal Product Diameter (mm)	165
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Built-in diameter (mm)	150
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Weight (kg)	0.168
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PACKAGING

Product EAN number	5410288551883
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Packaging single length / height (cm)	20.0
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Packaging single width (cm)	4.5
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Packaging single depth (cm)	16.8
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DUN14 (inner)	15410288551880
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Units per outer package	12
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Packaging outer length / height (cm)	35.5
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Packaging outer width (cm)	21.4
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Packaging outer depth (cm)	30.4
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SAFETY DATA

Glow Wire Test (°C)	650
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Optimal operating condition (°C)	-20-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No