

START Downlight 175 IP44 1525lm 840
0030327



Features

• Ceiling recessed LED downlight IP44 (from the front), perfect where limited ceiling void is available with only 55mm product depth and 175mm cutout. Ideal replacement for 1x32W/2x18W CFL downlights. The polycarbonate diffuser allows for a wider light distribution and increased spacings between luminaires. Loop in loop out connector allows for quick installation. Die-cast aluminium body, 1525LM, 15W, 102lm/W, 4000K, Driver Current: 390mA, CRI80, 74° beam angle, Non-dimmable LED driver, IP44 from the front, IK07, (HxW) 55x195mm, Class 2, 220-240V. Meets TP(a) requirements.

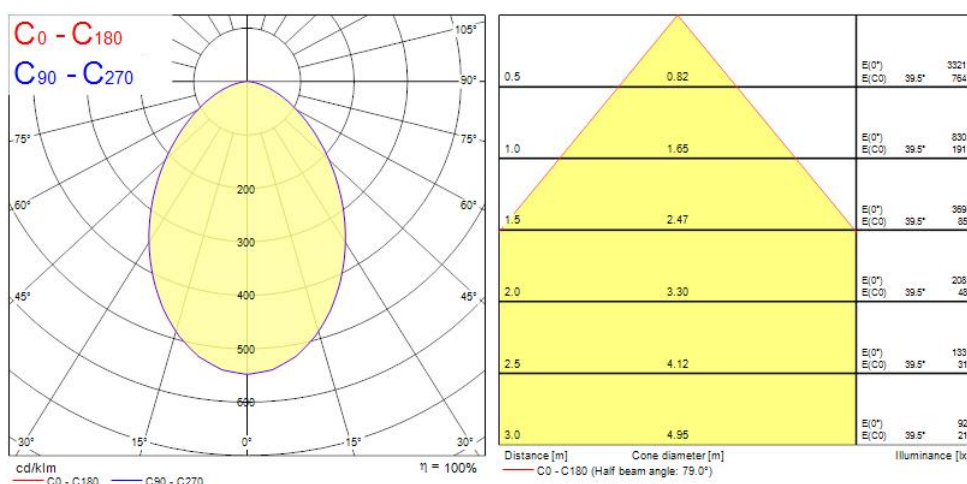
Product Overview

Product name	START Downlight 175 IP44 1525lm 840
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Logistics & Industry, Office
ETIM Class	EC001744
E-number FI	4278149
Fixture luminous flux (lm)	1525
Luminous flux (lm)	1525
Luminaire efficacy (lm/W)	102
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	74
Glare control	< 25

START Downlight 175 IP44 1525lm 840 0030327

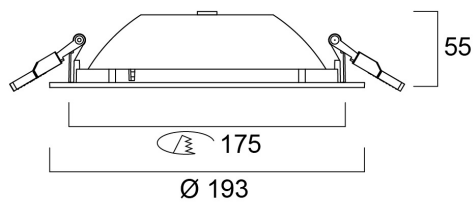
Photobiological Risk Group	RG0
Total power consumption (W)	15
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9003
IP rating	IP44/20
IK rating	IK07
Product EAN number	5410288303277
Warranty	5 years
Dimming method	N/A

Photometry



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Technical drawings



Data table

GENERAL DATA

Product name	START Downlight 175 IP44 1525lm 840
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Logistics & Industry, Office
Operating temperature range (°C)	-10°C...+40°C
Performance ambient temperature Tq (°C)	40
ETIM Class	EC001744
E-number FI	4278149
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	1525
Luminous flux (lm)	1525

START Downlight 175 IP44 1525lm 840 0030327

Luminaire efficacy (lm/W)	102
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	74
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	15
Mains voltage (V)	220-240V
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	20
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>100000
Transformer required	No
Dimmable	No
Dimming method	N/A
Drive current (mA)	390
Inrush Current (A)	7.52
Inrush Duration (µs)	830
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	22

START Downlight 175 IP44 1525lm 840 0030327

Max. Luminaires per 13A C Breaker	27
Max. Luminaires per 16A C Breaker	34
Max. Luminaires per 20A C Breaker	42
Max. Luminaires per 10A B Breaker	13
Max. Luminaires per 13A B Breaker	16
Max. Luminaires per 16A B Breaker	20
Max. Luminaires per 20A B Breaker	25

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B20	74000
Lifespan L90 B10	34000

PHYSICAL DATA

Housing colour	RAL9003
IP rating	IP44/20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Reflector finish	High-gloss
Nominal Product Height (mm)	55
Nominal Product Diameter (mm)	193
Cutout Dimensions (W x L in mm or Diameter in mm)	175
Weight (kg)	0.371
Recessed Depth (mm)	150

PACKAGING

Single packaging type	Carton
Product EAN number	5410288303277
Packaging single length / height (cm)	20.0
Packaging single width (cm)	20.0
Packaging single depth (cm)	6.8
DUN14 (outer)	15410288303274



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Units per outer package	16
Packaging outer length / height (cm)	56.8
Packaging outer width (cm)	42.0
Packaging outer depth (cm)	22.5

SAFETY DATA

Optimal operating condition (°C)	-10-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No