

START DOWNLIGHT IP44 175

START Downlight 175 IP44 1525lm 840
0030327



Product 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
Warranty	5 years
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)	SDCM3
Beam Angle (°)	74
Glare control	< 25
Photobiological Risk Group	RG0
Total power consumption (W)	15
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Product EAN number	5410288303277

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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
Luminaire efficacy (lm/W)	102
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
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

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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
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	RAL 9003 - Signal white
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
Units per outer package	16
Packaging outer length / height (cm)	56.8
Packaging outer width (cm)	42.0
Packaging outer depth (cm)	22.5

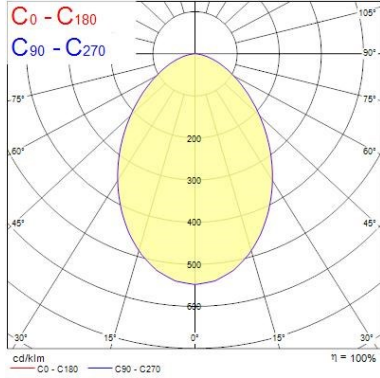
Safety data

Optimal operating condition (°C)	-10-40
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PHOTOMETRY



0.5	0.82	E _(0°) E _(C0)	3321 764
1.0	1.65	E _(0°) E _(C0)	830 191
1.5	2.47	E _(0°) E _(C0)	389 85
2.0	3.30	E _(0°) E _(C0)	208 48
2.5	4.12	E _(0°) E _(C0)	133 31
3.0	4.95	E _(0°) E _(C0)	92 21

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 75.0°)

TECHNICAL DRAWINGS

