

START Downlight 220 2150lm 840 Surface
0030447



Features

- Surface mounted LED downlight with diameter size of 220mm. Ideal replacement for 1x42W 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, 4000K, Driver Current: 600mA, CRI80, Non-dimmable LED driver, IP20, IK07, (HxW) 94x220mm, Class 2, 220-240V. Meets TP(a) requirements.

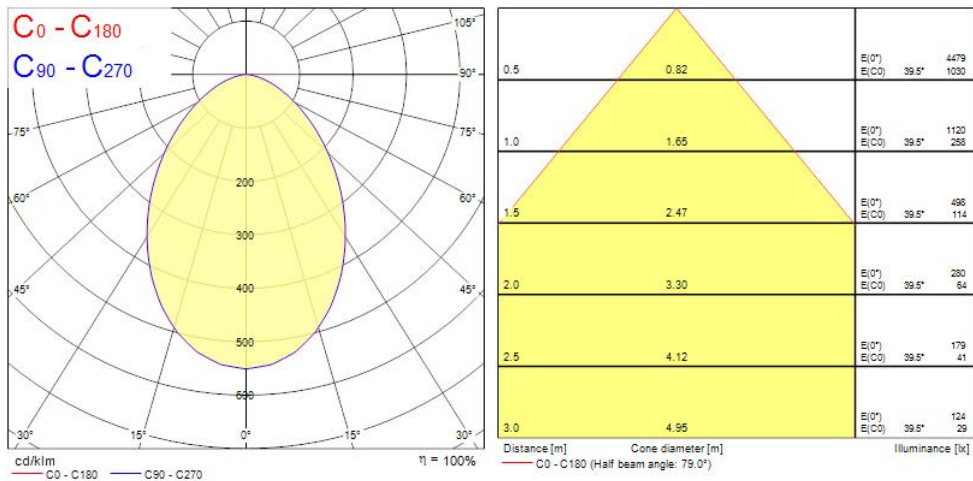
Product Overview

Product name	START Downlight 220 2150lm 840 Surface
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting
General application	Hospitality, Logistics & Industry, Office
ETIM Class	EC001744
E-number FI	4279539
Fixture luminous flux (lm)	2150
Luminaire efficacy (lm/W)	102
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Beam Angle (°)	74
Glare control	< 25
Photobiological Risk Group	RG0
Total power consumption (W)	21
Electrical protection	Class II
Control gear type	LED driver constant current

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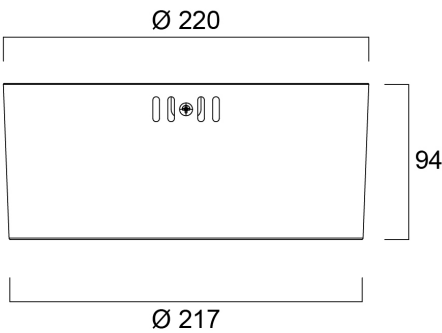
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9003
IP rating	IP20
IK rating	IK07
Product EAN number	5410288304472
Warranty	5 years
Dimming method	N/A

Photometry



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Technical drawings



Data table

GENERAL DATA

Product name	START Downlight 220 2150lm 840 Surface
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting
General application	Hospitality, Logistics & Industry, Office
Operating temperature range (°C)	-10°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4279539
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	2150
Luminaire efficacy (lm/W)	102

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Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Beam Angle (°)	74
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	21
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
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
Dimmable	No
Dimming method	N/A
Drive current (mA)	600
Inrush Current (A)	17.2
Inrush Duration (µs)	200
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	38
Max. products per 13A C Breaker	47
Max. products per 16A C Breaker	57
Max. products per 20A C Breaker	66
Max. products per 10A B Breaker	30

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Max. products per 13A B Breaker	38
Max. products per 16A B Breaker	45
Max. products per 20A B Breaker	53
Connectable conductor cross section - Min (mm ²)	0.5
Connectable conductor cross section - Max (mm ²)	1.5

LIFETIME DATA

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

PHYSICAL DATA

Housing colour	RAL9003
IP rating	IP20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Reflector finish	High-gloss
Nominal Product Height (mm)	95
Nominal Product Diameter (mm)	220
Weight (kg)	0.802

PACKAGING

Product EAN number	5410288304472
Packaging single length / height (cm)	22.0
Packaging single width (cm)	22.0
Packaging single depth (cm)	10.3
DUN14 (inner)	15410288304479
Units per outer package	8
Packaging outer length / height (cm)	45.5
Packaging outer width (cm)	23.5
Packaging outer depth (cm)	43.0



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SAFETY DATA

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-10-25
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No