

START Downlight 220 2025lm 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, 2025LM, 4000K, Driver Current: 600mA, CRI80, Non-dimmable LED driver, IP20, IK07, (HxW) 94x220mm, Class 2, 220-240V. Meets TP(a) requirements.

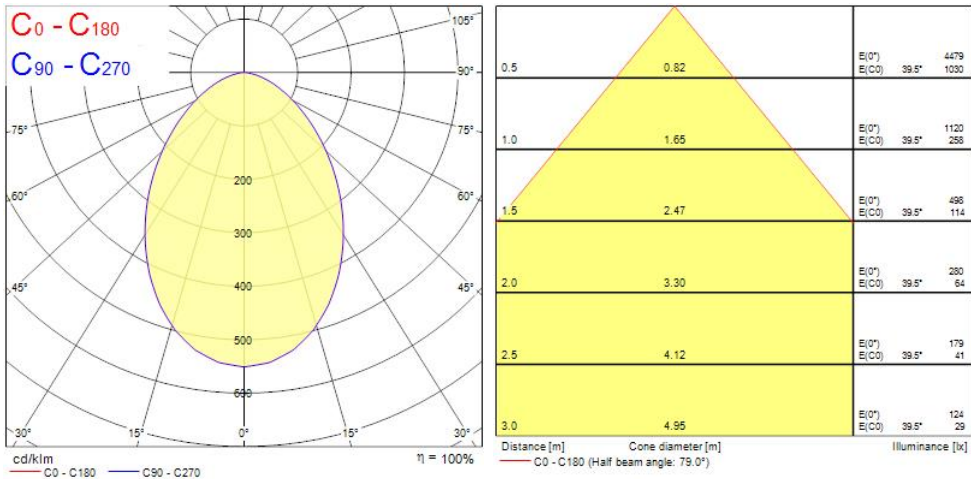
Product Overview

Product name	START Downlight 220 2025lm 840 Surface
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting
General application	Hospitality, Logistics & Industry, Office
ETIM Class	EC001744
Fixture luminous flux (lm)	2025
Luminous flux (lm)	2025
Luminaire efficacy (lm/W)	101
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)	20
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No

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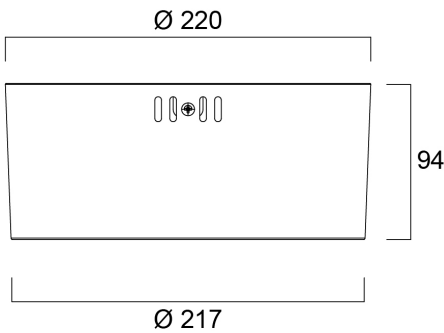
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP20
IK rating	IK07
Product EAN number	5410288304472
Warranty	5 years
Dimming method	N/A

Photometry



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Technical drawings



Data table

GENERAL DATA

Product name	START Downlight 220 2025lm 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
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	2025
Luminous flux (lm)	2025
Luminaire efficacy (lm/W)	101

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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)	20
Mains voltage (V)	220-240V
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ 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)	600
Inrush Current (A)	17.2
Inrush Duration (μ s)	200
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
Max. Luminaires per 13A C Breaker	27
Max. Luminaires per 16A C Breaker	34
Max. Luminaires per 20A C Breaker	42

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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	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

Single packaging type	Carton
Product EAN number	5410288304472
Packaging single length / height (cm)	22.0
Packaging single width (cm)	22.0
Packaging single depth (cm)	10.3
DUN14 (outer)	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

SAFETY DATA



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