

## 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

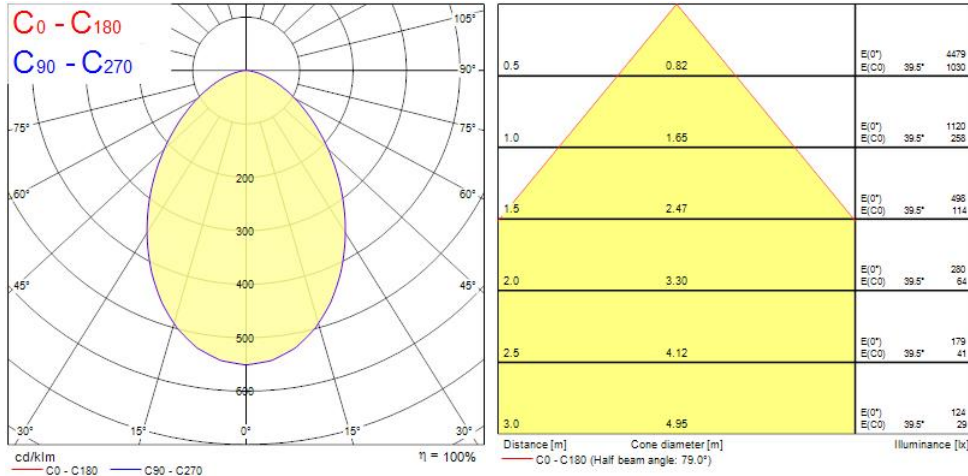
Product name	START Downlight 220 2025lm 840 Surface
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting
Fixture luminous flux (lm)	2025
Luminaire efficacy (lm/W)	101
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Glare control	< 25
Photobiological Risk Group	RG0
Total power consumption (W)	20
Electrical protection	Class II
Control gear type	LED driver constant current
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP20
IK rating	IK07
Product EAN number	5410288304472

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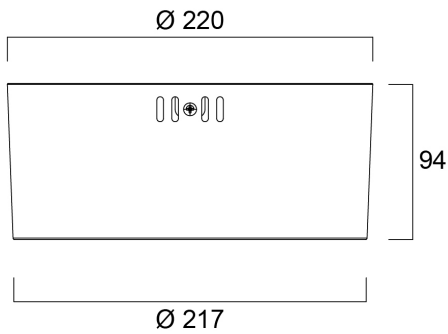
Warranty

5 years

### Photometry



### Technical drawings



### Data table

#### GENERAL DATA

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Product name	START Downlight 220 2025lm 840 Surface
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting
Operating temperature range (°C)	-10°C...+25°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

### OPTICAL DATA

Fixture 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
Glare control	< 25
Photobiological Risk Group	RG0

### ELECTRICAL DATA

Total power consumption (W)	20
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.9
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Drive current (mA)	600
Inrush Current (A)	17.2
Inrush Duration (µs)	200
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz

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LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	22
Max. products per 20A B Breaker	25
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.5
Connectable conductor cross section - Max (mm <sup>2</sup> )	1.5

### 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
Nominal Product Diameter (mm)	220
Weight (kg)	0.802

### PACKAGING

Single packaging type	Carton
Product EAN number	5410288304472
Packaging single width (cm)	22.0
Packaging single depth (cm)	10.3
DUN14 (outer)	15410288304479
Packaging outer length / height (cm)	45.5

### SAFETY DATA

Optimal operating condition (°C)	-10-25
Special purpose lamp	No

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Dry applications use only	No
Suitable for household illumination	No