

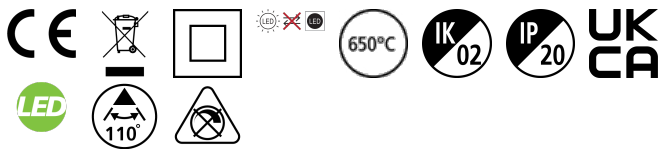
## START eco Downlight 215mm Round & Square Surface

*START eco Downlight 215 2100lm 840 Surface*  
0054108



### Product features

- START eco Downlight is an integrated LED surface mounted downlight with built-in non dimmable driver; 24W; 2100Lm; 88Lm/W; 4000K.



### PRODUCT OVERVIEW

Product name	START eco Downlight 215 2100lm 840 Surface
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
General application	Retail
ETIM Class	EC002892
Warranty	3 years
Fixture luminous flux (lm)	2100
Luminaire efficacy (lm/W)	88
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	110
Glare control	< 28
Photobiological Risk Group	RG0
Total power consumption (W)	24
Electrical protection	Class II
Dimmable	No
LED Flickering Rate	Medium (21% - 40%)
Housing colour	RAL 9003 - Signal white
IP rating	IP20
IK rating	IK02
Product EAN number	5410288541082

### DATA TABLE

#### General data

Product name	START eco Downlight 215 2100lm 840 Surface
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
General application	Retail
Operating temperature range (°C)	-20°C - 40°C

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Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	3 years

### Optical data

Fixture luminous flux (lm)	2100
Luminaire efficacy (lm/W)	88
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	110
Distribution type	Symmetric
Glare control	< 28
Photobiological Risk Group	RG0

### Electrical data

Total power consumption (W)	24
Mains voltage (V)	220-240V
Lamp power factor	0.5
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	115.0
Electrical protection	Class II
Control gear required	No
Dimmable	No
Drive current (mA)	173
Inrush Current (A)	14
Inrush Duration (µs)	250
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Medium (21% - 40%)
Max. Luminaires per 10A C Breaker	40
Max. Luminaires per 13A C Breaker	53
Max. Luminaires per 16A C Breaker	66
Max. Luminaires per 20A C Breaker	83
Max. Luminaires per 10A B Breaker	23
Max. Luminaires per 13A B Breaker	31
Max. Luminaires per 16A B Breaker	39
Max. Luminaires per 20A B Breaker	49

### Lifetime data

Lifespan L70 B50	30000
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### Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP20
IK rating	IK02
Diffuser finish	Opal

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Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	215
Nominal Product Width (mm)	215
Nominal Product Height (mm)	34
Nominal Product Diameter (mm)	215
Weight (kg)	0.42

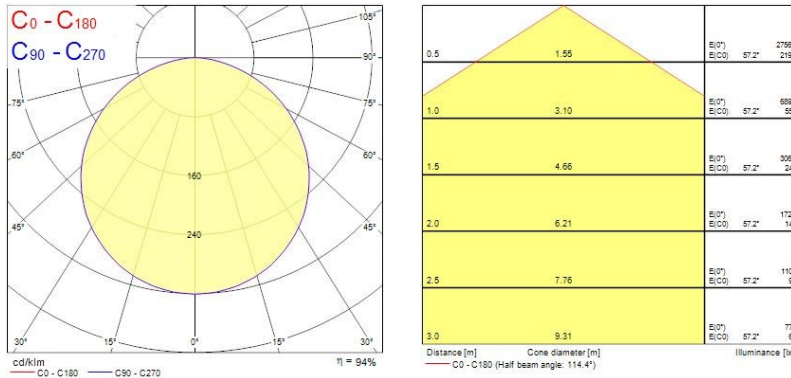
### Packaging

Single packaging type	Carton
Product EAN number	5410288541082
Packaging single length / height (cm)	21.8
Packaging single width (cm)	4.8
Packaging single depth (cm)	22.0
DUN14 (outer)	15410288541089
Units per outer package	8
Packaging outer length / height (cm)	45.0
Packaging outer width (cm)	23.0
Packaging outer depth (cm)	22.0

### Safety data

Optimal operating condition (°C)	-20-40
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## PHOTOMETRY



## TECHNICAL DRAWINGS

