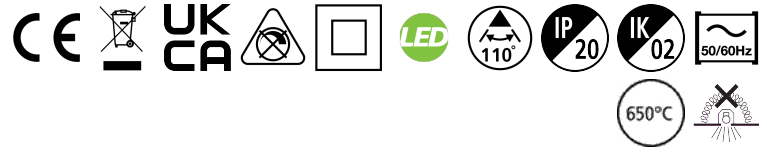


## START Downlight eco 215 Square 1650lm 830 Surface 0055199



### Features

- START Downlight eco is an integrated LED surface mounted downlight with built-in non dimmable driver; 15W; 1650Lm; 110Lm/W; 3000K.

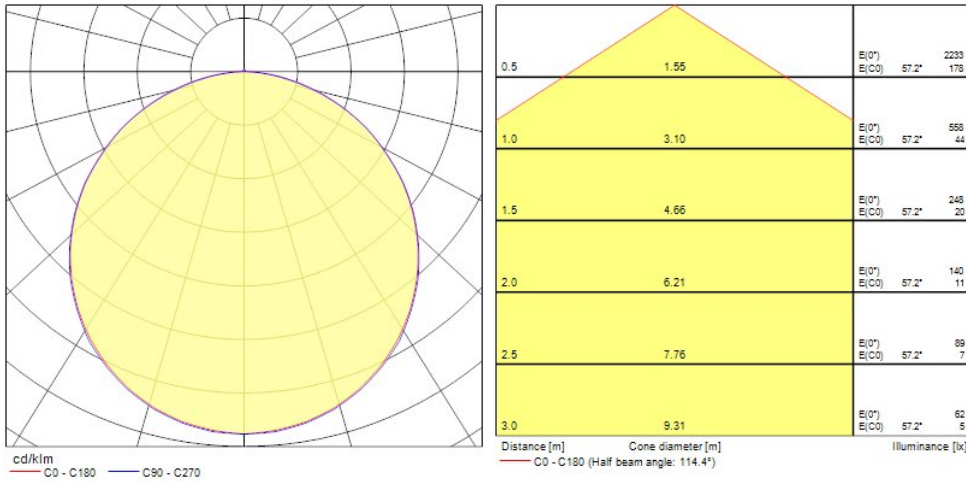
### Product Overview

Product name	START Downlight eco 215 Square 1650lm 830 Surface
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
General application	Hospitality, Retail
ETIM Class	EC001744
Fixture luminous flux (lm)	1650
Luminaire efficacy (lm/W)	110
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Beam Angle (°)	110
Glare control	< 28
Photobiological Risk Group	RG0
Total power consumption (W)	15
Electrical protection	Class II
Control gear type	LED driver constant current

## START Downlight eco 215 Square 1650lm 830 Surface 0055199

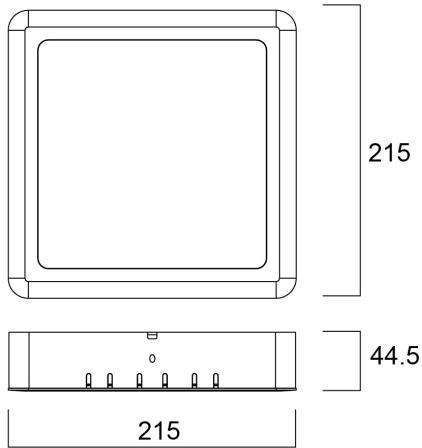
<b>Dimmable</b>	No
<b>LED Flickering Rate</b>	Medium (21% - 40%)
<b>Housing colour</b>	RAL 9003 - Signal white
<b>IP rating</b>	IP20
<b>IK rating</b>	IK02
<b>Product EAN number</b>	5410288551999
<b>Warranty</b>	3 years
<b>Useful luminous flux (#use)</b>	1650
<b>Dimming method</b>	N/A

### Photometry



## START Downlight eco 215 Square 1650lm 830 Surface 0055199

### Technical drawings



### Data table

#### GENERAL DATA

<b>Product name</b>	START Downlight eco 215 Square 1650lm 830 Surface
<b>Technology</b>	LED
<b>Cap/Base</b>	N/A
<b>Housing</b>	PC Polycarbonate
<b>Mount</b>	Ceiling surface mounting
<b>General application</b>	Hospitality, Retail
<b>Operating temperature range (°C)</b>	-20°C...+40°C
<b>Performance ambient temperature Tq (°C)</b>	25
<b>ETIM Class</b>	EC001744
<b>Warranty</b>	3 years

#### OPTICAL DATA

<b>Useful luminous flux (#use)</b>	1650
<b>Fixture luminous flux (lm)</b>	1650

## START Downlight eco 215 Square 1650lm 830 Surface 0055199

Luminaire efficacy (lm/W)	110
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Beam Angle (°)	110
Distribution type	Symmetric
Glare control	< 28
Photobiological Risk Group	RG0

### ELECTRICAL DATA

Total power consumption (W)	15
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
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
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	93
Inrush Current (A)	12
Inrush Duration (µs)	200
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. products per 10A C Breaker	56
Max. products per 13A C Breaker	73
Max. products per 16A C Breaker	91
Max. products per 20A C Breaker	114
Max. products per 10A B Breaker	33

## START Downlight eco 215 Square 1650lm 830 Surface 0055199

Max. products per 13A B Breaker	43
Max. products per 16A B Breaker	54
Max. products per 20A B Breaker	68
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.75
Connectable conductor cross section - Max (mm <sup>2</sup> )	1.5

### 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
Diffuser material	PC Polycarbonate
Reflector finish	None
Nominal Product Length (mm)	215
Nominal Product Width (mm)	215
Nominal Product Height (mm)	34
Weight (kg)	0.42

### PACKAGING

Product EAN number	5410288551999
Packaging single length / height (cm)	21.8
Packaging single width (cm)	4.8
Packaging single depth (cm)	22.0
DUN14 (outer)	15410288551996
Units per outer package	8
Packaging outer length / height (cm)	45.0
Packaging outer width (cm)	23.0
Packaging outer depth (cm)	21.5

## SAFETY DATA

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<b>Optimal operating condition (°C)</b>	-20-40
<b>Special purpose lamp</b>	No
<b>Dry applications use only</b>	No
<b>Suitable for household illumination</b>	No