

## START DOWNLIGHT IP44 205

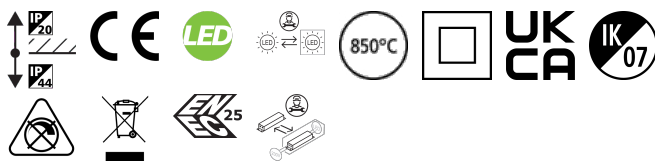
START Downlight 205 IP44 2025lm 840

0030329



### Product features

- Ceiling recessed LED downlight IP44 (from the front), perfect where limited ceiling void is available with only 60mm product depth and 205mm cutout. 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, 21W, 101lm/W, 4000K, Driver Current: 600mA, CRI80, 74° beam angle, Non-dimmable LED driver, IP44 from the front, IK07, (HxW) 60x205mm, Class 2, 220-240V



### PRODUCT OVERVIEW

Product name	START Downlight 205 IP44 2025lm 840
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Logistics & Industry, Office
ETIM Class	EC001744
E-number FI	4278153
Warranty	5 years
Fixture luminous flux (lm)	2025
Luminaire efficacy (lm/W)	96
LOR (%)	100
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
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
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Product EAN number	5410288303291

### DATA TABLE

#### General data

Product name	START Downlight 205 IP44 2025lm 840
Technology	LED

## START DOWNLIGHT IP44 205

*START Downlight 205 IP44 2025lm 840*  
0030329

Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Logistics & Industry, Office
Operating temperature range (°C)	-10°C - 40°C
Performance ambient temperature Tq (°C)	40
ETIM Class	EC001744
E-number FI	4278153
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	2025
Luminaire efficacy (lm/W)	96
LOR (%)	100
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Adjustable chromaticity	N
Beam Angle (°)	74
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG0

### Electrical data

Total power consumption (W)	21
Mains voltage (V)	220-240V~
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
Transformer required	No
Dimmable	No
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
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	20
Max. Luminaires per 13A C Breaker	26
Max. Luminaires per 16A C Breaker	32
Max. Luminaires per 20A C Breaker	40
Max. Luminaires per 10A B Breaker	12
Max. Luminaires per 13A B Breaker	15

## START DOWNLIGHT IP44 205

*START Downlight 205 IP44 2025lm 840*  
0030329

Max. Luminaires per 16A B Breaker	19
Max. Luminaires per 20A B Breaker	24

### Lifetime data

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

### Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Reflector finish	High-gloss
Nominal Product Length (mm)	220
Nominal Product Width (mm)	220
Nominal Product Height (mm)	60
Nominal Product Diameter (mm)	220
Cutout Dimensions (W x L in mm or Diameter in mm)	205
Weight (kg)	0.468
Recessed Depth (mm)	150

### Packaging

Single packaging type	Carton
Product EAN number	5410288303291
Packaging single length / height (cm)	22.8
Packaging single width (cm)	22.8
Packaging single depth (cm)	7.0
DUN14 (outer)	15410288303298
Units per outer package	14
Packaging outer length / height (cm)	51.0
Packaging outer width (cm)	47.5
Packaging outer depth (cm)	25.0

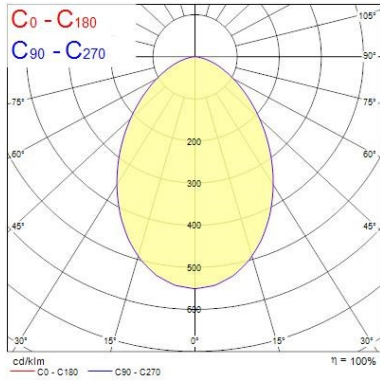
### Safety data

Optimal operating condition (°C)	-10-40
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## PHOTOMETRY

## START DOWNLIGHT IP44 205

START Downlight 205 IP44 2025lm 840  
0030329



0.5	0.62	E(0°) E(C0)	39.5°	4479 1030
1.0	1.65	E(0°) E(C0)	39.5°	1120 261
1.5	2.47	E(0°) E(C0)	39.5°	498 114
2.0	3.30	E(0°) E(C0)	39.5°	280 64
2.5	4.12	E(0°) E(C0)	39.5°	179 41
3.0	4.95	E(0°) E(C0)	39.5°	124 29

Distance [m]      Cone diameter [m]      Illuminance [lx]  
C0 - C180 (Half beam angle: 79.0°)

## TECHNICAL DRAWINGS

