

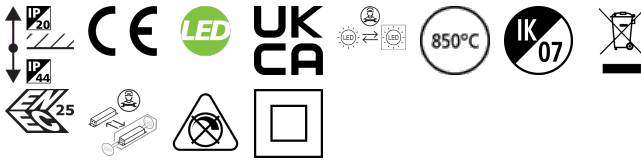
## START DOWNLIGHT IP44 225

START Downlight 225 IP44 2325lm 840  
0030331



### Product features

- Ceiling recessed LED downlight IP44 (from the front), perfect where limited ceiling void is available with only 65mm product depth and 225mm cutout. Ideal replacement for 2x26W 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, 2325LM, 23W, 101lm/W, 4000K, Driver Current: 630mA, CRI80, 74° beam angle, Non-dimmable LED driver, IP44 from the front, IK07, (HxW) 65x225mm, Class 2, 220-240V. Meets TP(a) requirements.



### PRODUCT OVERVIEW

Product name	START Downlight 225 IP44 2325lm 840
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Logistics & Industry, Office
ETIM Class	EC001744
E-number FI	4278156
Warranty	5 years
Fixture luminous flux (lm)	2325
Luminous flux (lm)	2325
Luminaire efficacy (lm/W)	101
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	74
Glare control	< 25
Photobiological Risk Group	RG0
Total power consumption (W)	23
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9010 - Pure white
IP rating	IP44/20
IK rating	IK07
Product EAN number	5410288303314

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### DATA TABLE

#### General data

Product name	START Downlight 225 IP44 2325lm 840
Technology	LED
Cap/Base	N/A
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	4278156
Warranty	5 years

#### Optical data

Fixture luminous flux (lm)	2325
Luminous flux (lm)	2325
Luminaire efficacy (lm/W)	101
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Adjustable chromaticity	N
Beam Angle (°)	74
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG0

#### Electrical data

Total power consumption (W)	23
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
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
Dimmable	No
Dimming method	N/A
Drive current (mA)	630
Inrush Current (A)	6.44
Inrush Duration (µs)	830
Glow Wire Test (°C)	850

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Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	20
Max. products per 13A C Breaker	26
Max. products per 16A C Breaker	32
Max. products per 20A C Breaker	40
Max. products per 10A B Breaker	12
Max. products per 13A B Breaker	15
Max. products per 16A B Breaker	19
Max. products per 20A B Breaker	24
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 9010 - Pure white
IP rating	IP44/20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Reflector finish	High-gloss
Nominal Product Height (mm)	65
Nominal Product Diameter (mm)	240
Cutout Dimensions (W x L in mm or Diameter in mm)	225
Weight (kg)	0.528
Recessed Depth (mm)	150

### Packaging

Single packaging type	Carton
Product EAN number	5410288303314
Packaging single length / height (cm)	24.5
Packaging single width (cm)	24.5
Packaging single depth (cm)	8.0
DUN14 (outer)	15410288303311
Units per outer package	12
Packaging outer length / height (cm)	50.0
Packaging outer width (cm)	51.0
Packaging outer depth (cm)	27.0

### Safety data

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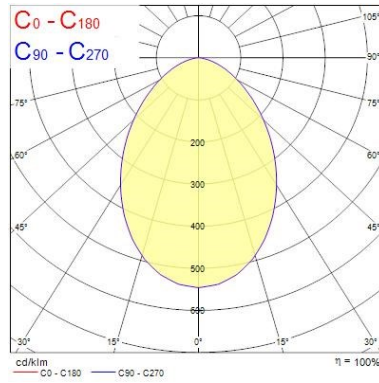
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### PHOTOMETRY

0.5	0.83	E(0°) E(C0)	99.7°	9098 1164
1.0	1.66	E(0°) E(C0)	99.7°	1274 291
1.5	2.49	E(0°) E(C0)	99.7°	568 129
2.0	3.32	E(0°) E(C0)	99.7°	319 73
2.5	4.15	E(0°) E(C0)	99.7°	204 47
3.0	4.99	E(0°) E(C0)	99.7°	142 32

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 75.4°)



### TECHNICAL DRAWINGS

