

## START DOWNLIGHT IP44 175

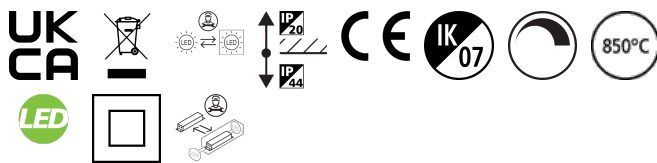
START Downlight 175 IP44 1-10V 1400Lm 830

0030342



### Product features

- Ceiling recessed LED downlight IP44 (from the front), with only 55mm product depth and 175mm cutout. Supplied with TCI 1-10V Jolly driver (123401). Ideal replacement for 1x32W/2x18W CFL downlights. The polycarbonate diffuser allows for a wider light distribution and increased spacings between luminaires. Die-cast aluminium body, 1400LM, 15W, 93lm/W, 3000K, Driver Current: 380mA, CRI80, 74° beam angle, IP44 from the front, IK07, (HxW) 55x195mm, Class 2, 220-240V



### PRODUCT OVERVIEW

Product name	START Downlight 175 IP44 1-10V 1400Lm 830
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Logistics & Industry, Office
ETIM Class	EC001744
E-number FI	4278175
Warranty	5 years
Fixture luminous flux (lm)	1400
Luminous flux (lm)	1400
Luminaire efficacy (lm/W)	93
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	74
Glare control	< 25
Photobiological Risk Group	RG0
Total power consumption (W)	15
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	1-10V (Analogue)
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Product EAN number	5410288303420

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### DATA TABLE

#### General data

Product name	START Downlight 175 IP44 1-10V 1400Lm 830
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)	25
ETIM Class	EC001744
E-number FI	4278175
Warranty	5 years

#### Optical data

Fixture luminous flux (lm)	1400
Luminous flux (lm)	1400
Luminaire efficacy (lm/W)	93
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
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)	15
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	1-10V (Analogue)
Minimum dimming level (%)	1
Drive current (mA)	380
Inrush Current (A)	5
Inrush Duration (µs)	50
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)

## START DOWNLIGHT IP44 175

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Max. products per 10A C Breaker	50
Max. products per 13A C Breaker	65
Max. products per 16A C Breaker	85
Max. products per 20A C Breaker	100
Max. products per 16A B Breaker	50
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	IP44/20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Reflector finish	High-gloss
Nominal Product Height (mm)	55
Nominal Product Diameter (mm)	193
Cutout Dimensions (W x L in mm or Diameter in mm)	175
Weight (kg)	0.346
Recessed Depth (mm)	150

### Packaging

Single packaging type	Carton
Product EAN number	5410288303420
Packaging single length / height (cm)	22.2
Packaging single width (cm)	21.8
Packaging single depth (cm)	9.0
DUN14 (outer)	15410288303427
Units per outer package	16
Packaging outer length / height (cm)	46.3
Packaging outer width (cm)	45.3
Packaging outer depth (cm)	38.9

### Safety data

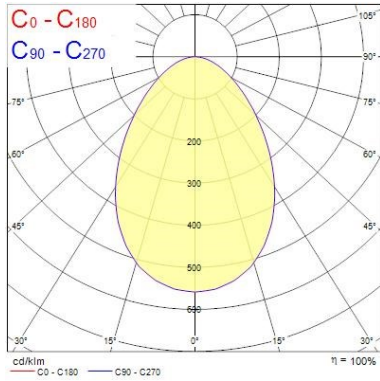
Optimal operating condition (°C)	-10-40
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## PHOTOMETRY

## START DOWNLIGHT IP44 175

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0.5	0.80	E(0°) E(C0)	38.8°	1139 783
1.0	1.59	E(0°) E(C0)	38.8°	782 182
1.5	2.39	E(0°) E(C0)	38.8°	348 84
2.0	3.18	E(0°) E(C0)	38.8°	196 47
2.5	3.98	E(0°) E(C0)	38.8°	128 30
3.0	4.77	E(0°) E(C0)	38.8°	87 21

Distance [m]      Cone diameter [m]      Illuminance [lx]  
C0 - C180 (Half beam angle: 77.0°)

## TECHNICAL DRAWINGS

