

## START Downlight IP44 90 DIM

START Downlight 90 IP44 830Lm 830 DIM  
0030379



### Product features

- A ceiling recessed LED downlight IP44 (from the front) with phase dimmable driver, perfect where limited ceiling void is available with only 38mm product depth and 90mm cutout. 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, 830LM, 7.8W, 106lm/W, 3000K, Driver Current: 250mA, CRI80, 80° beam angle, IP44 from the front, IK07, 50,000 hrs (L70), (HxW) 38x109mm, 6 step MacAdam ellipse, Class 2, 220-240V, energy class: A++, A+, A



## PRODUCT OVERVIEW

Product name	START Downlight 90 IP44 830Lm 830 DIM
Technology	LED
Housing	Aluminium
General application	Hospitality, Logistics & Industry, Office
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	830
Luminaire efficacy (lm/W)	106
Colour temperature (K)	3000
CRI (Ra)	80
Beam Angle (°)	80
Glare control	< 28
Photobiological Risk Group	RG0
Total power consumption (W)	7.8
Electrical protection	Class II
Dimmable	Yes
LED Flickering Rate	Low (6% - 20%)
IP rating	IP44/20
IK rating	IK07
Product EAN number	5410288303796

## DATA TABLE

### General data

Product name	START Downlight 90 IP44 830Lm 830 DIM
Technology	LED
Housing	Aluminium
General application	Hospitality, Logistics & Industry, Office
Operating temperature range (°C)	-10°C - 40°C
Performance ambient temperature Tq (°C)	40
ETIM Class	EC001744
Warranty	5 years

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### Optical data

Fixture luminous flux (lm)	830
Luminaire efficacy (lm/W)	106
Colour temperature (K)	3000
CRI (Ra)	80
Beam Angle (°)	80
Distribution type	Symmetric
Glare control	< 28
Photobiological Risk Group	RG0

### Electrical data

Total power consumption (W)	7.8
Mains voltage (V)	220-240V~
Lamp power factor	0.9
Electrical protection	Class II
Dimmable	Yes
Drive current (mA)	250
Inrush Current (A)	7.5
Inrush Duration (µs)	80
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. Luminaires per 10A C Breaker	60
Max. Luminaires per 13A C Breaker	75
Max. Luminaires per 16A C Breaker	93
Max. Luminaires per 20A C Breaker	102

### Lifetime data

Lifespan L70 B50	50000
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### Physical data

IP rating	IP44/20
IK rating	IK07
Diffuser finish	Frosted
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	109
Nominal Product Width (mm)	109
Nominal Product Height (mm)	38
Nominal Product Diameter (mm)	109
Weight (kg)	0.261

### Packaging

Single packaging type	Carton
Product EAN number	5410288303796
Packaging single length / height (cm)	16.2
Packaging single width (cm)	15.0
Packaging single depth (cm)	6.5
DUN14 (outer)	15410288303793

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Units per outer package	20
Packaging outer length / height (cm)	34.0
Packaging outer width (cm)	31.5
Packaging outer depth (cm)	34.5

### Safety data

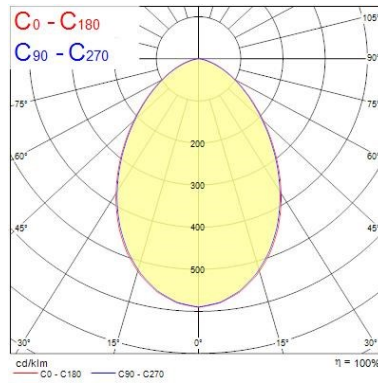
Optimal operating condition (°C)	-10-40
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## PHOTOMETRY

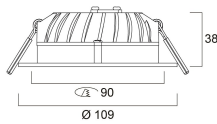
0.5	0.78 0.78	E(0°) 1967 E(C90) 478 E(C0) 472
1.0	1.56 1.56	E(0°) 489 E(C90) 120 E(C0) 118
1.5	2.34 2.38	E(0°) 217 E(C90) 53 E(C0) 52
2.0	3.13 3.17	E(0°) 122 E(C90) 30 E(C0) 29
2.5	3.91 3.96	E(0°) 78 E(C90) 19 E(C0) 19
3.0	4.69 4.76	E(0°) 54 E(C90) 13 E(C0) 13

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

— C0 - C180 (Half beam angle: 76.8°)  
— C90 - C270 (Half beam angle: 76.0°)





## TECHNICAL DRAWINGS




## START Downlight IP44 90 DIM START Downlight 90 IP44 830Lm 830 DIM 0030379


**SYLVANIA** 0030379


 This luminaire contains built-in LED lamps

 } LED


The lamps cannot be changed in the luminaire.

874/2012 

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 } LED

The lamps cannot be changed in the luminaire.

**SYLVANIA** 0030379 

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