

START Downlights IP44

START Downlight 205 IP44 1950lm 830
0030328



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, 1950LM, 21W, 98lm/W, 3000K, Driver Current: 600mA, CRI80, 74° beam angle, Non-dimmable LED driver, IP44 from the front, IK07, 50,000 hrs (L70), (HxW) 60x205mm, 5 step MacAdam ellipse, Class 2, 220-240V, energy class: A++, A+, A



PRODUCT OVERVIEW

IPC Code	0030328
Product name	START Downlight 205 IP44 1950lm 830
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed
General application	Hospitality, Logistics & Industry, Office
Certifications	EUNEW008
ETIM Class	EC001744
Fixture luminous flux (lm)	1950
Luminaire efficacy (lm/W)	93
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Beam Angle (°)	74
Glare control	25
Photobiological Risk Group	RG0
Total power consumption (W)	21
Electrical protection	Class II
Control gear type	Electronic (constant current)
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Average life (Nominal) (h)	50000
Housing colour	White (RAL 9003)
IP rating	IP44/20
IK rating	IK07
Product EAN number	5410288303284
Lamps	Yes
Included lamp	INTEGRATED LED

DATA TABLE

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General data

IPC Code	0030328
Product name	START Downlight 205 IP44 1950lm 830
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed
General application	Hospitality, Logistics & Industry, Office
Operating temperature range (°C)	-10 to +35
Operating temperature rated (°C)	25
Certifications	EUNEW008
ETIM Class	EC001744

Optical data

Fixture luminous flux (lm)	1950
Luminaire efficacy (lm/W)	93
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Adjustable chromaticity	N
Beam Angle (°)	74
Distribution type	Direct - Symmetrical
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 type	Electronic (constant current)
Dimmable	No
Drive current (mA)	600
Inrush Current (A)	6.44
Inrush Duration (µs)	830
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	12
Max. Luminaires per 13A C Breaker	15
Max. Luminaires per 16A C Breaker	19
Max. Luminaires per 20A C Breaker	25

Lifetime data

Lumen maintenance - L70 B50	50000
Lumen maintenance - L70 B20	38000
Lumen maintenance - L70 B10	35000

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Lumen maintenance - L80 B50	28000
Lumen maintenance - L80 B20	24000
Lumen maintenance - L80 B10	22000
Lumen maintenance - L90 B50	14000
Lumen maintenance - L90 B20	11000
Lumen maintenance - L90 B10	10000
Average life (Nominal) (h)	50000

Physical data

Housing colour	White (RAL 9003)
IP rating	IP44/20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	Polycarbonate
Reflector finish	Mirror
Nominal Product Length (mm)	220
Nominal Product Width (mm)	220
Nominal Product Height (mm)	60
Nominal Product Diameter (mm)	220
Weight (kg)	0.468

Packaging

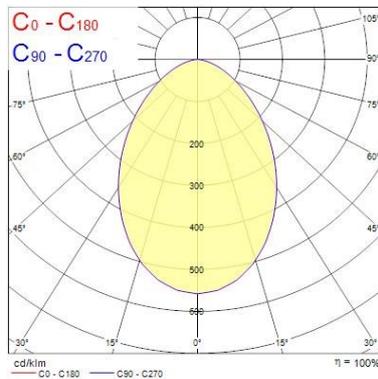
Single packaging type	Carton
Product EAN number	5410288303284
Packaging single length / height (cm)	22.8
Packaging single width (cm)	22.8
Packaging single depth (cm)	7.0
DUN14 (outer)	15410288303281
Units per outer package	14
Packaging outer length / height (cm)	51.0
Packaging outer width (cm)	47.5
Packaging outer depth (cm)	25.0

PHOTOMETRY

0.5	0.81	E(0°) E(C0)	39.1°	4239 1015
1.0	1.63	E(0°) E(C0)	39.1°	1062 264
1.5	2.44	E(0°) E(C0)	39.1°	481 113
2.0	3.25	E(0°) E(C0)	39.1°	271 63
2.5	4.06	E(0°) E(C0)	39.1°	173 41
3.0	4.88	E(0°) E(C0)	39.1°	120 28

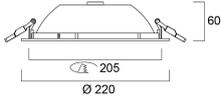
Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 76.2°)



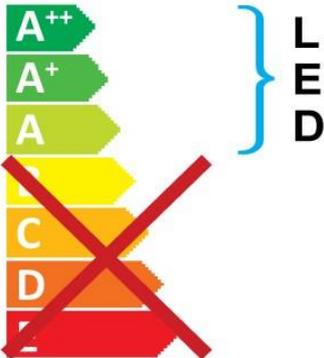
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TECHNICAL DRAWINGS



SYLVANIA 0030328

 This luminaire contains built in LED lamps.



The lamps cannot be changed in the luminaire.

874/2012 

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This luminaire contains built in LED lamps.

The lamps cannot be changed in the luminaire.

SYLVANIA 0030328 874/2012

A++
A+
A
~~B~~
~~C~~
~~D~~
~~E~~

LED