

START Downlights IP44

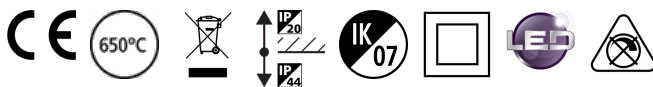
START Downlight 205 IP44 2025lm 840

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, 50,000 hrs (L70), (HxW) 60x205mm, 5 step MacAdam ellipse, Class 2, 220-240V, energy class: A++, A+, A



PRODUCT OVERVIEW

IPC Code	0030329
Product name	START Downlight 205 IP44 2025lm 840
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed
General application	Hospitality, Logistics & Industry, Office
Certifications	EUNEW008
ETIM Class	EC001744
Fixture luminous flux (lm)	2025
Luminaire efficacy (lm/W)	96
LOR (%)	100
Colour temperature (K)	4000
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	5410288303291
Lamps	Yes
Included lamp	INTEGRATED LED

DATA TABLE

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General data

IPC Code	0030329
Product name	START Downlight 205 IP44 2025lm 840
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)	2025
Luminaire efficacy (lm/W)	96
LOR (%)	100
Colour temperature (K)	4000
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

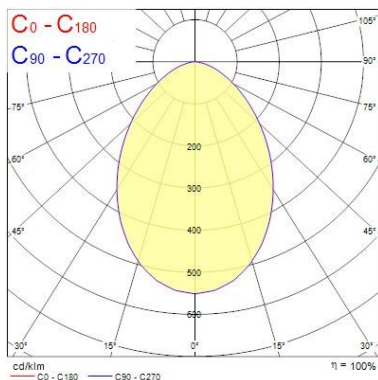
Physical data

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	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

PHOTOMETRY

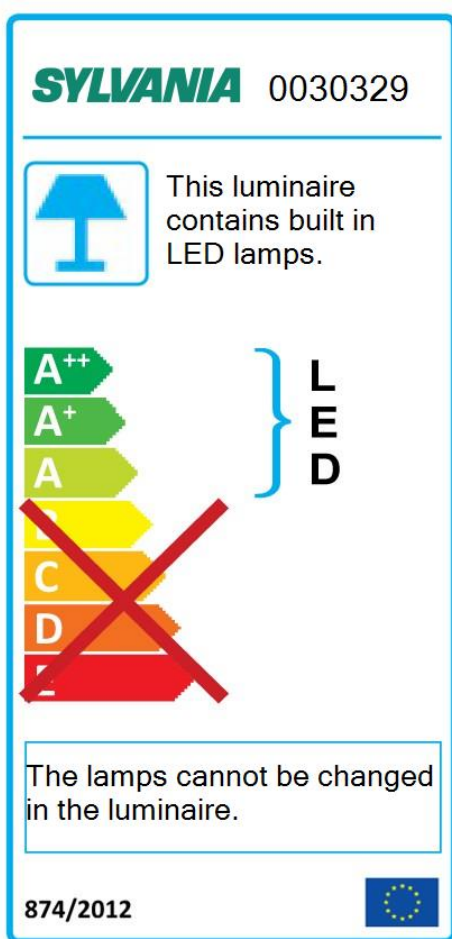
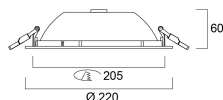


Distance [m]	Cone diameter [m]	E [lx]	E (C0)	E (C90)
0.5	0.82	4479	1030	39.5°
1.0	1.65	1120	268	39.5°
1.5	2.47	486	114	39.5°
2.0	3.30	280	64	39.5°
2.5	4.12	179	41	39.5°
3.0	4.95	124	29	39.5°

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 39.5°)

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TECHNICAL DRAWINGS



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