

Syl-Lighter LED II 165 RO 12W WW

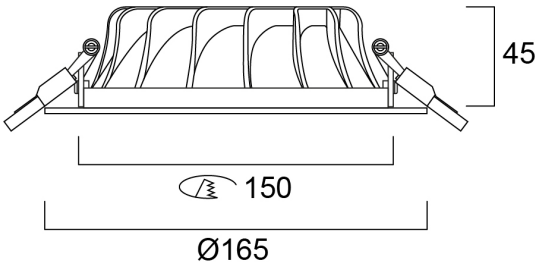
Item No: 3031800



Ceiling recessed IP44 from the front LED downlight, perfect where limited ceiling void is available with only 45mm product depth and 145mm cutout. Ideal replacement for 1x26W 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, 1047LM, 12W, 87lm/W, 3000K, Driver Current: 290mA, CRI80, 74° beam angle, Non-dimmable LED driver, IP44 from the front, IK07, (HxW) 45x165mm, 0.38kg, RAL9003, Class 2, 220-240V,

Technical Assets

Dimensions (mm)

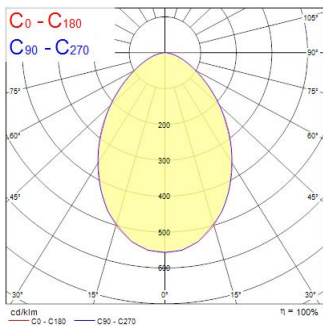


Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam flux [lm]	Beam illuminance [lx]
0.5	0.81	74°	0.83	0.69	233	338
1.0	1.63	74°	1.66	2.75	582	211
1.5	2.44	74°	2.49	6.19	299	48
2.0	3.25	74°	3.32	10.94	146	13
2.5	4.06	74°	4.15	17.14	93	5
3.0	4.88	74°	4.98	24.80	65	2

Distance [m] Cone diameter [m] Beam area [m²] Beam flux [lm] Beam illuminance [lx]

— C0 - C180 (Half beam angle: 74.4°) — C90 - C270 (Half beam angle: 78.2°)



Syl-Lighter LED II 165 RO 12W WW

Item No: 3031800

General data

Product name	Syl-Lighter LED II 165 RO 12W WW
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
Environment	Interior
General application	Hospitality
Operating temperature range (°C)	-10°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4271237
E-number SE	7467089
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1047
Luminaire efficacy (lm/W)	87
LOR (%)	100
Correlated 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	< 24
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	12
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	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	290
Inrush Current (A)	6.3
Inrush Duration (µs)	830
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	56
Max. products per 13A C Breaker	70
Max. products per 16A C Breaker	88
Max. products per 20A C Breaker	110

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	74000
Lifespan L90 B10	34000

Syl-Lighter LED II 165 RO 12W WW

Item No: 3031800

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 Length (mm)	165
Nominal Product Width (mm)	165
Nominal Product Height (mm)	45
Nominal Product Diameter (mm)	165
Weight (kg)	0.403
Recessed Depth (mm)	150

Packaging

Product EAN number	8711971318002
Packaging single length / height (cm)	19.5
Packaging single width (cm)	19.5
Packaging single depth (cm)	6.0
DUN14 (inner)	18711971318009
Units per outer package	12
Packaging outer length / height (cm)	41.0
Packaging outer width (cm)	41.0
Packaging outer depth (cm)	21.0

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-10-25