

Syl-lighter LED II 165

Syl-Lighter LED II 165 RO 12W NW
3031801



Product features

- 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, 1134LM, 12W, 95lm/W, 4000K, Driver Current: 290mA, CRI80, 74° beam angle, Non-dimmable LED driver, IP44 from the front, IK07, 50,000 hrs (L70), (HxW) 45x165mm, 5 step MacAdam ellipse, 0.38kg, RAL9003, Class 2, 220-240V, energy class: A++, A+, A



PRODUCT OVERVIEW

IPC Code	3031801
Product name	Syl-Lighter LED II 165 RO 12W NW
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed
Environment	Interior
General application	Hospitality
Certifications	EUNEW008
ETIM Class	EC001744
E-number FI	4271238
E-number SE	7467093
Fixture luminous flux (lm)	1134
Luminaire efficacy (lm/W)	95
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Beam Angle (°)	74
Glare control	24.8
Photobiological Risk Group	RG0
Total power consumption (W)	12
Electrical protection	Class II
Control gear type	Electronic
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	8711971318019
Lamps	Yes
Included lamp	INTEGRATED LED

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DATA TABLE

General data

IPC Code	3031801
Product name	Syl-Lighter LED II 165 RO 12W NW
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed
Environment	Interior
General application	Hospitality
Operating temperature range (°C)	-10 to +40
Certifications	EUNEW008
ETIM Class	EC001744
E-number FI	4271238
E-number SE	7467093

Optical data

Fixture luminous flux (lm)	1134
Luminaire efficacy (lm/W)	95
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Adjustable chromaticity	N
Beam Angle (°)	74
Distribution type	Direct - Symmetrical
Glare control	24.8
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	12
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
Dimmable	No
Drive current (mA)	290
Inrush Current (A)	6.3
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	16
Max. Luminaires per 16A C Breaker	20
Max. Luminaires per 20A C Breaker	25

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Lifetime data

Lumen maintenance - L70 B50	50000
Lumen maintenance - L70 B20	38000
Lumen maintenance - L70 B10	35000
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 Height (mm)	45
Nominal Product Diameter (mm)	165
Weight (kg)	0.403
Recessed Depth (mm)	150

Packaging

Single packaging type	Carton
Product EAN number	8711971318019
Packaging single length / height (cm)	19.5
Packaging single width (cm)	19.5
Packaging single depth (cm)	6.0
DUN14 (outer)	18711971318016
Units per outer package	12
Packaging outer length / height (cm)	41.0
Packaging outer width (cm)	41.0
Packaging outer depth (cm)	21.0

PHOTOMETRY

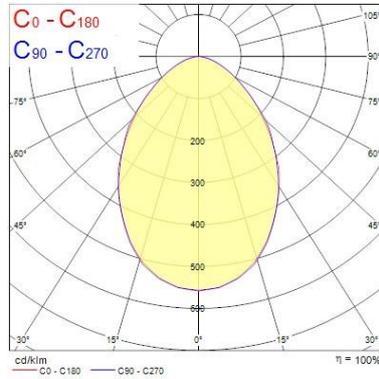
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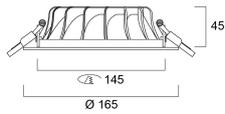
0.5	0.82 0.82	E(0°) E(C90) E(C0)	2532 592 592
1.0	1.65 1.64	E(0°) E(C90) E(C0)	633 146 146
1.5	2.47 2.46	E(0°) E(C90) E(C0)	281 65 65
2.0	3.30 3.29	E(0°) E(C90) E(C0)	158 36 37
2.5	4.12 4.11	E(0°) E(C90) E(C0)	101 23 23
3.0	4.95 4.93	E(0°) E(C90) E(C0)	70 16 16

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

— C0 - C180 (Half beam angle: 78.8°)
— C90 - C270 (Half beam angle: 79.0°)



TECHNICAL DRAWINGS



Syl-lighter LED II 165 *Syl-Lighter LED II 165 RO 12W NW* 3031801

Lumiance 3031801

 This luminaire contains built in LED lamps.

 } LED

The lamps cannot be changed in the luminaire.

874/2012 

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874/2012