

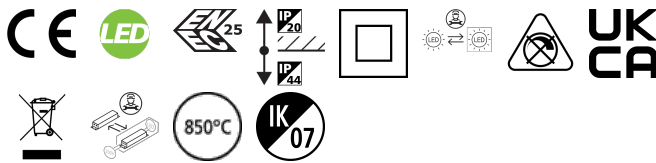
## Syl-lighter LED II 240

*Syl-Lighter LED II 240 RO 25W WW*  
3031824



### Product features

- Ceiling recessed IP44 from the front LED downlight, perfect where limited ceiling void is available with only 65mm product depth and 225mm cutout. Ideal replacement for 2x26W 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, 2071LM, 25W, 83lm/W, 3000K, Driver Current: 632mA, CRI80, 74° beam angle, Non-dimmable LED driver, IP44 from the front, IK07, (HxW) 65x225mm, 0.65kg, RAL9003, Class 2, 220-240V,



### PRODUCT OVERVIEW

Product name	Syl-Lighter LED II 240 RO 25W WW
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
Environment	Interior
General application	Hospitality
ETIM Class	EC001744
E-number FI	4271265
E-number SE	7467175
Warranty	5 years
Fixture luminous flux (lm)	2071
Luminaire efficacy (lm/W)	83
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	74
Glare control	< 23
Photobiological Risk Group	RG0
Total power consumption (W)	25
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Product EAN number	8711971318248

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### DATA TABLE

#### General data

Product name	Syl-Lighter LED II 240 RO 25W 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	4271265
E-number SE	7467175
Warranty	5 years

#### Optical data

Fixture luminous flux (lm)	2071
Luminaire efficacy (lm/W)	83
LOR (%)	100
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	< 23
Photobiological Risk Group	RG0

#### Electrical data

Total power consumption (W)	25
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)	630
Inrush Current (A)	6.44
Inrush Duration (µs)	830
Glow Wire Test (°C)	850
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	20

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Max. products per 13A C Breaker	26
Max. products per 16A C Breaker	32
Max. products per 20A C Breaker	40
Max. products per 10A B Breaker	12
Max. products per 13A B Breaker	15
Max. products per 16A B Breaker	19
Max. products per 20A B Breaker	24

### Lifetime data

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

### 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 Height (mm)	65
Nominal Product Diameter (mm)	240
Cutout Dimensions (W x L in mm or Diameter in mm)	225
Weight (kg)	0.81
Recessed Depth (mm)	150

### Packaging

Single packaging type	Carton
Product EAN number	8711971318248
Packaging single length / height (cm)	27.0
Packaging single width (cm)	27.0
Packaging single depth (cm)	8.0
DUN14 (outer)	18711971318245
Units per outer package	12
Packaging outer length / height (cm)	56.2
Packaging outer width (cm)	56.4
Packaging outer depth (cm)	27.6

### Safety data

Optimal operating condition (°C)	-10-25
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## PHOTOMETRY

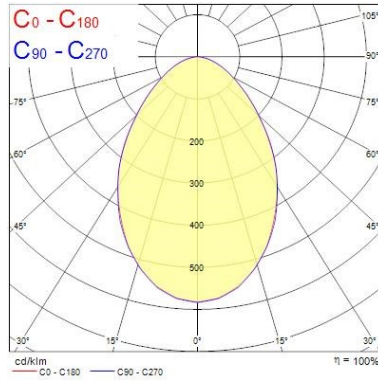
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0.5	0.78 0.77	E(0°) E(C90) E(C0)	4026 1197 1199
1.0	1.55 1.55	E(0°) E(C90) E(C0)	1206 299 300
1.5	2.33 2.32	E(0°) E(C90) E(C0)	538 133 133
2.0	3.10 3.09	E(0°) E(C90) E(C0)	302 75 75
2.5	3.88 3.88	E(0°) E(C90) E(C0)	193 48 48
3.0	4.65 4.64	E(0°) E(C90) E(C0)	134 33 33

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

— C0 - C180 (Half beam angle: 75.4°)  
— C90 - C270 (Half beam angle: 75.8°)



## TECHNICAL DRAWINGS

