

## Syl-lighter LED II 240

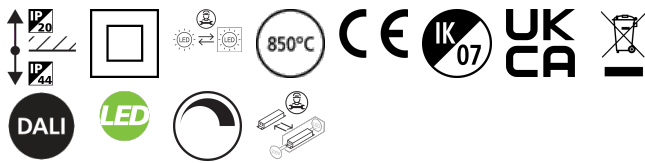
### SYL-LIGHTER II 240 25W NW DALI

### 3031848



#### 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. Die-cast aluminium body, 2408LM, 25W, 96lm/W, 4000K, Driver Current: 650mA, CRI80, 74° beam angle, Dali dimmable LED driver (Tridonic 28000675), IP44 from the front, IK07, (HxW) 65x225mm, 0.65kg, RAL9003, Class 2, 220-240V,



#### PRODUCT OVERVIEW

Product name	SYL-LIGHTER II 240 25W NW DALI
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Environment	Interior
General application	Hospitality
ETIM Class	EC001744
E-number FI	4270294
E-number SE	7470974
Warranty	5 years
Fixture luminous flux (lm)	2408
Luminaire efficacy (lm/W)	96
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	5
Beam Angle (°)	74
Photobiological Risk Group	RG0
Total power consumption (W)	25
Electrical protection	Class II
Control gear type	Other
Control gear mounting	Remote
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Product EAN number	8711971318484

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3031848

### DATA TABLE

#### General data

<b>Product name</b>	SYL-LIGHTER II 240 25W NW DALI
<b>Technology</b>	LED
<b>Housing</b>	Aluminium
<b>Mount</b>	Ceiling recessed mounting
<b>Fixture rating</b>	Enclosed
<b>Environment</b>	Interior
<b>General application</b>	Hospitality
<b>Performance ambient temperature Tq (°C)</b>	25
<b>ETIM Class</b>	EC001744
<b>E-number FI</b>	4270294
<b>E-number SE</b>	7470974
<b>Warranty</b>	5 years

#### Optical data

<b>Fixture luminous flux (lm)</b>	2408
<b>Luminaire efficacy (lm/W)</b>	96
<b>LOR (%)</b>	100
<b>Colour temperature (K)</b>	4000
<b>Light colour</b>	Neutral White
<b>CRI (Ra)</b>	80
<b>Colour Consistency (SDCM)</b>	5
<b>Beam Angle (°)</b>	74
<b>Distribution type</b>	Symmetric
<b>Photobiological Risk Group</b>	RG0

#### Electrical data

<b>Total power consumption (W)</b>	25
<b>Mains voltage (V)</b>	220-240V
<b>Lamp power factor</b>	0.96
<b>Electrical protection</b>	Class II
<b>Control gear required</b>	Yes
<b>Control gear type</b>	Other
<b>Control gear mounting</b>	Remote
<b>Dimmable</b>	Yes
<b>Dimming method</b>	DALI
<b>Minimum dimming level (%)</b>	1
<b>Drive current (mA)</b>	650
<b>Inrush Current (A)</b>	26
<b>Inrush Duration (µs)</b>	151
<b>Glow Wire Test (°C)</b>	850
<b>Energy Efficiency Class (A-&gt;G) of contained light source</b>	F
<b>Nominal Frequency (Hz)</b>	50/60Hz
<b>Max. Luminaires per 10A C Breaker</b>	31
<b>Max. Luminaires per 13A C Breaker</b>	43

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SYL-LIGHTER II 240 25W NW DALI  
3031848

Max. Luminaires per 16A C Breaker	53
Max. Luminaires per 20A C Breaker	66
Max. Luminaires per 10A B Breaker	19
Max. Luminaires per 13A B Breaker	26
Max. Luminaires per 16A B Breaker	32
Max. Luminaires per 20A B Breaker	40

### Lifetime data

Lifespan L70 B50	50000
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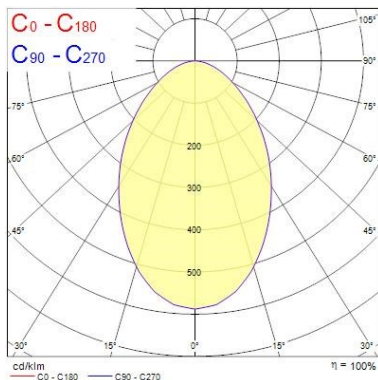
### Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Reflector finish	Other
Nominal Product Height (mm)	65
Nominal Product Diameter (mm)	240
Cutout Dimensions (W x L in mm or Diameter in mm)	225 x 225
Weight (kg)	0.849

### Packaging

Single packaging type	Carton
Product EAN number	8711971318484
Packaging single length / height (cm)	27.6
Packaging single width (cm)	27.3
Packaging single depth (cm)	8.1
DUN14 (outer)	18711971318484
Units per outer package	12
Packaging outer length / height (cm)	56.3
Packaging outer width (cm)	56.5
Packaging outer depth (cm)	27.3

## PHOTOMETRY



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C90)
0.5	0.75	36.7° 581	36.7° 140
1.0	1.49	36.7° 1415	36.7° 365
1.5	2.24	36.7° 630	36.7° 162
2.0	2.98	36.7° 354	36.7° 91
2.5	3.73	36.7° 228	36.7° 60
3.0	4.47	36.7° 157	36.7° 41

Distance [m]      Cone diameter [m]      Illuminance [lx]  
C0 - C180 (Half beam angle: 73.4°)

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### TECHNICAL DRAWINGS

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