

SylBatten LED

SYLBATTEN LED 605MM 1000LM 3000K EB (TP3)

0045176



Product features

- LED batten, T8 replacement, ease of installation through 2 part push-in design of the housing (safety cable included), through wiring capability (TP3 = 3 core), sheet steel, 1012LM, 11W, 92lm/W, 3000K, drive current: 350mA, CRI 80, 138° wide beam angle, electronic driver (non dimmable), IP20, IK07, 50,000 hrs (L70), (LxWxH) 605x66x76mm, 5 step MacAdam ellipse, 1.8kg, white RAL 9016, Class 1, 220-240V, energy class: A++, A+, A.



PRODUCT OVERVIEW

| | |
|---------------------------------|---|
| Product name | SYLBATTEN LED 605MM 1000LM 3000K EB (TP3) |
| Technology | LED |
| Housing | Steel |
| Mount | Ceiling surface mounting |
| Environment | Internal |
| General application | Logistics & Industry |
| ETIM Class | EC000109 |
| E-number FI | 4274245 |
| E-number SE | 7213415 |
| Warranty | 5 years |
| Fixture luminous flux (lm) | 1012 |
| Luminaire efficacy (lm/W) | 92 |
| LOR (%) | 100 |
| Colour temperature (K) | 3000 |
| Light colour | Warm White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM5 |
| Colour Consistency (SDCM) | 5 |
| Beam Angle (°) | 138 |
| Glare control | < 28 |
| Photobiological Risk Group | RG0 |
| Total power consumption (W) | 11 |
| Electrical protection | Class I |
| Control gear type | Electronic ballast |
| Control gear mounting | Built-in |
| Dimmable | No |
| LED Flickering Rate | Ultra low (5% or less) |
| Housing colour | RAL 9016 - Traffic white / Bezel |
| IP rating | IP20 |
| IK rating | IK07 |
| Product EAN number | 5410288451763 |

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DATA TABLE

General data

| | |
|---|---|
| Product name | SYLBATTEN LED 605MM 1000LM 3000K EB (TP3) |
| Technology | LED |
| Housing | Steel |
| Mount | Ceiling surface mounting |
| Environment | Internal |
| General application | Logistics & Industry |
| Operating temperature range (°C) | 0°C - 25°C |
| Performance ambient temperature Tq (°C) | 25 |
| ETIM Class | EC000109 |
| E-number FI | 4274245 |
| E-number SE | 7213415 |
| Warranty | 5 years |

Optical data

| | |
|---------------------------------|-------------------|
| Fixture luminous flux (lm) | 1012 |
| Luminaire efficacy (lm/W) | 92 |
| LOR (%) | 100 |
| Colour temperature (K) | 3000 |
| Light colour | Warm White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM5 |
| Colour Consistency (SDCM) | 5 |
| Adjustable chromaticity | N |
| Beam Angle (°) | 138 |
| Distribution type | Symmetric, Direct |
| Glare control | < 28 |
| Photobiological Risk Group | RG0 |

Electrical data

| | |
|--|------------------------|
| Total power consumption (W) | 11 |
| Mains voltage (V) | 220-240V~ |
| Lamp power factor | 0.5 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) = xx.x % | 10 |
| Electrical protection | Class I |
| Control gear type | Electronic ballast |
| Control gear mounting | Built-in |
| Transformer required | Yes |
| Dimmable | No |
| Drive current (mA) | 350 |
| Inrush Current (A) | 25 |
| Inrush Duration (µs) | 177 |
| Glow Wire Test (°C) | 850 |
| Nominal Frequency (Hz) | 50Hz |
| LED Flickering Rate | Ultra low (5% or less) |

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| | |
|-----------------------------------|-----|
| Max. Luminaires per 10A C Breaker | 60 |
| Max. Luminaires per 13A C Breaker | 79 |
| Max. Luminaires per 16A C Breaker | 98 |
| Max. Luminaires per 20A C Breaker | 122 |

Lifetime data

| | |
|------------------|-------|
| Lifespan L70 B50 | 50000 |
| Lifespan L70 B20 | 30000 |
| Lifespan L70 B10 | 15000 |
| Lifespan L80 B50 | 30000 |
| Lifespan L80 B20 | 30000 |
| Lifespan L80 B10 | 15000 |
| Lifespan L90 B50 | 15000 |
| Lifespan L90 B20 | 15000 |
| Lifespan L90 B10 | 15000 |

Physical data

| | |
|-----------------------------|----------------------------------|
| Housing colour | RAL 9016 - Traffic white / Bezel |
| IP rating | IP20 |
| IK rating | IK07 |
| Diffuser finish | Opal |
| Diffuser material | PC Polycarbonate |
| Nominal Product Length (mm) | 605 |
| Nominal Product Width (mm) | 66 |
| Nominal Product Height (mm) | 76 |
| Weight (kg) | 1.254 |

Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288451763 |
| Packaging single length / height (cm) | 64.9 |
| Packaging single width (cm) | 8.1 |
| Packaging single depth (cm) | 9.3 |
| DUN14 (outer) | 05410288451763 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 64.9 |
| Packaging outer width (cm) | 8.1 |
| Packaging outer depth (cm) | 9.3 |

Safety data

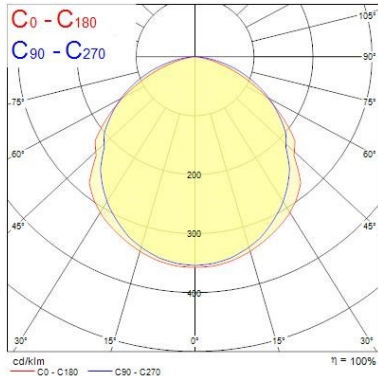
| | |
|----------------------------------|------|
| Optimal operating condition (°C) | 0-25 |
|----------------------------------|------|

PHOTOMETRY

SylBatten LED

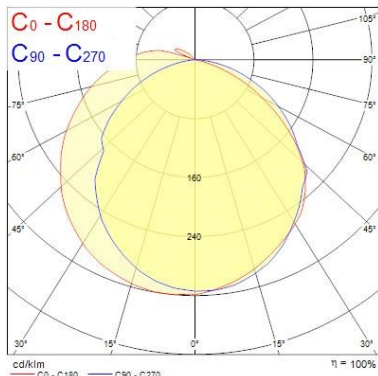
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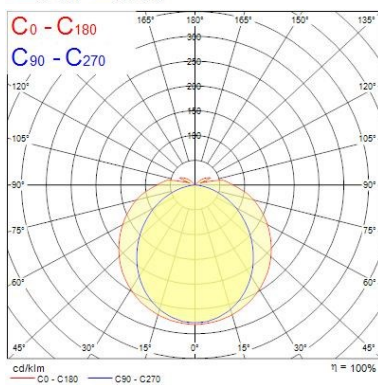
| Distance [m] | Cone diameter [m] | E(0°) | E(C90) | E(C0) | Illuminance [lx] |
|--------------|-------------------|-------|--------|-------------|------------------|
| 0.5 | 1.40 1.46 | 54.4° | 55.5° | 1300 130 | 130 |
| 1.0 | 2.79 2.91 | 54.4° | 55.5° | 330 33 | 33 |
| 1.5 | 4.19 4.37 | 54.4° | 55.5° | 147 14 | 14 |
| 2.0 | 5.59 5.82 | 54.4° | 55.5° | 83 8 | 8 |
| 2.5 | 6.98 7.28 | 54.4° | 55.5° | 53 5 | 5 |
| 3.0 | 8.38 8.73 | 54.4° | 55.5° | 37 4 | 3 |

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 111.0°)
 C90 - C270 (Half beam angle: 109.8°)



| Distance [m] | Cone diameter [m] | E(0°) | E(C90) | E(C0) | Illuminance [lx] |
|--------------|-------------------|-------|--------|-------------|------------------|
| 0.5 | 1.21 2.56 | 50.4° | 69.4° | 1139 146 | 146 |
| 1.0 | 2.42 5.32 | 50.4° | 69.4° | 285 36 | 36 |
| 1.5 | 3.63 7.98 | 50.4° | 69.4° | 137 16 | 16 |
| 2.0 | 4.84 10.64 | 50.4° | 69.4° | 71 9 | 9 |
| 2.5 | 6.04 13.30 | 50.4° | 69.4° | 46 5 | 5 |
| 3.0 | 7.25 15.96 | 50.4° | 69.4° | 32 4 | 4 |

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 126.8°)
 C90 - C270 (Half beam angle: 100.8°)



TECHNICAL DRAWINGS

