

Order No.: OLS5297L10840 | **GTIN (EAN):** 4052899933965

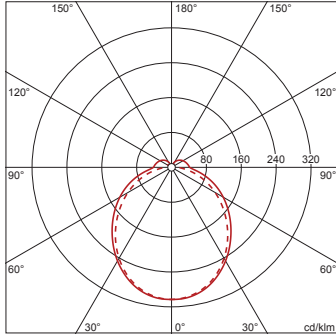
Product description: BRIK,wd,900lm840,0/1,PC



POWERBRIK®, damp-proof luminaire, primary optical cover: enclosure, of PC, primary light characteristic: symmetric, installation type: surface-mounted, LED, rated luminous flux: 900lm, luminous efficacy: 95lm/W, light colour: 840, colour temperature: 4000K, control gear: ECG, with terminal, 2-pole, max. 1.5mm², mains connection: 230V, AC/DC, 0/50..60Hz, rated input power: 9.5W, housing, of PC, traffic white (RAL 9016), length: 160mm, width: 90mm, height: 50mm, protection rating (complete): IP65, insulation class (complete): insulation class II (safety insulation), certification: CE, UKCA, protection symbol: D, impact resistance: IK09, permissible operating ambient temperature: -20..+40°C, standard: EN 60598-2-1, corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, unprotected outdoor installations, contact your sales advisor before using the luminaires in applications with unclear chemical exposure, large temperature fluctuations or condensation-forming humidity, packaging unit: 1 piece

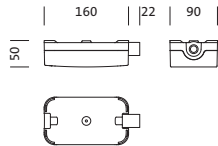
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OLS5297L10840

LED 4000K / CRI ≥ 80 Φ_v 900 lm



IP 65 IK 09

| | |
|-------------|---------------|
| Lamps: | LED |
| Wt. (kg): | 0.3 |
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Detailed technical description: BRIK,wd,900lm840,0/1,PC



Key data

- Product type: damp-proof luminaire
- Product name: POWERBRIK®
- Order No.: 0LS5297L10840

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:

- Cover: enclosure
- Beam angle: wide distribution
- Symmetry: symmetric

Lamps:

- Lamps: with LED
- Rated luminous flux: 900lm
- Luminous efficacy: 95lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 80
- Light colour: 840
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 5 SDCM (initial)
- Rated input power: 9.5W

Operating device:

- Control gear: ECG
- Control: ON/OFF

Certificates, Standards

- Protection rating: IP65
- Insulation class: insulation class II (safety insulation)
- Impact resistance: IK09
- Protection symbol: D
- Temperature range (operation): -20..+40°C
- Supplement: corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, unprotected outdoor installations, contact your sales advisor before using the luminaires in applications with unclear chemical exposure, large temperature fluctuations or condensation-forming humidity
- Standard: EN 60598-2-1
- Certification, designation: CE, UKCA

Material, Colour

- housing: PC, traffic white (RAL 9016)
- Colour specification: traffic white (RAL 9016)
- Cover: enclosure of PC

Mounting

- Mounting method, mounting location: surface-mounted, to the ceiling, to the wall

Electrical connection

- Connection: terminal, 2-pole, max. 1.5mm²
- Nominal voltage: 230V, 220..240V, 0/50..60Hz, AC/DC

Dimensions, Weight

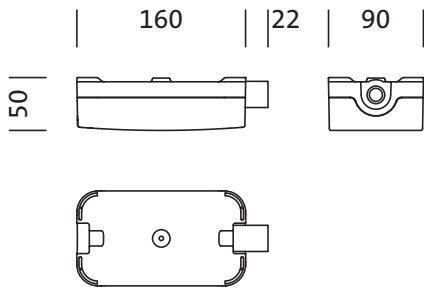
- Length: 160mm
- Width: 90mm
- Height: 50mm
- Weight: 0.3kg

Service life

- Rated service life: 50000h (L70/B50) at AT = 25°C

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Dimensions: BRIK,wd,900lm840,0/1,PC



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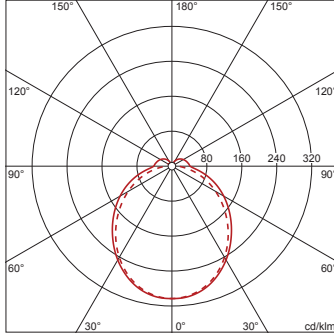
Planning data: BRIK,wd,900lm840,0/1,PC

OLS5297L10840: 1x LED
4000K / CRI ≥ 80

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OLS5297L10840

LED 4000K / CRI ≥ 80 ϕ_N 900 lm



ϕ_{\downarrow} 87% ϕ_{\uparrow} 13%

Luminance values (cd/m²)

| | C 0/180 | C 90/270 |
|-----------------|---------|----------|
| L ₈₀ | 11204 | 9291 |
| L ₇₀ | 12051 | 11112 |
| L ₆₅ | 12477 | 11857 |

UGR 25.6 24.4

X 4H Y 8H ρ 70/50/20 S 0.25H

No. of luminaires in room

Reflection factors 70/50/20

| Em(lx) | 100 | | 200 | | 500 | |
|--------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Lh(m) | 20 m ² | 30 m ² | 40 m ² | 50 m ² | 75 m ² |
| 2.5 | 3.0 | 2.5 | 3.0 | 2.5 | 3.0 | |
| 3.8 | 4.5 | 7.7 | 8.9 | 19 | 22 | |
| 5.6 | 6.4 | 11 | 13 | 28 | 32 | |
| 7.1 | 8.0 | 14 | 16 | 36 | 40 | |
| 8.6 | 9.5 | 17 | 19 | 43 | 47 | |
| 12 | 13 | 25 | 27 | 61 | 67 | |
| 16 | 17 | 32 | 34 | 79 | 85 | |
| 70 | 73 | 140 | 145 | 351 | 363 | |

Maintenance factor 0.8

Rh = Lh + 0.5 m

It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at www.siteco.de)

Tolerances related to thermal, electrical and photometric data according to IEC 62722

Issued 10.11.2023 - Modifications and errors subject to change - Ensure that you always use the latest version -