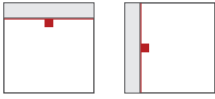


**Order No.:** 0LS5297L10840S | **GTIN (EAN):** 4052899933941

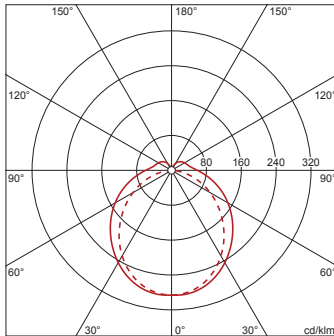
**Product description:** BRIKsl,wd,900lm840,0/1,PC



POWERBRIK® Slim, 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. 1.5mm<sup>2</sup>, mains connection: 230V, AC/DC, 0/50..60Hz, rated input power: 9.5W, housing, of PC, traffic white (RAL 9016), length: 350mm, width: 35mm, height: 42mm, protection rating (complete): IP65, insulation class (complete): insulation class II (safety insulation), certification: CE, UKCA, protection symbol: D, impact resistance: IK05, 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

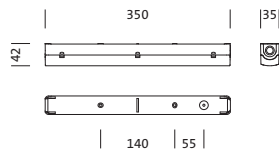
4052899933941  
0LS5297L10840S

LED 4000K / CRI ≥ 80    Φ<sub>h</sub> 900 lm



IP 65    CE

Lamps:                    LED  
Wt. (kg):                0.4  
GTIN (EAN):            4052899933941



Order No.: 0LS5297L10840S | GTIN (EAN): 4052899933941

Detailed technical description: BRIKsl,wd,900lm840,0/1,PC



#### Key data

- Product type: damp-proof luminaire
- Product name: POWERBRIK® Slim
- Order No.: 0LS5297L10840S

#### 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: IK05
- 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. 1.5mm<sup>2</sup>
- Nominal voltage: 230V, 220..240V, 0/50..60Hz, AC/DC

#### Dimensions, Weight

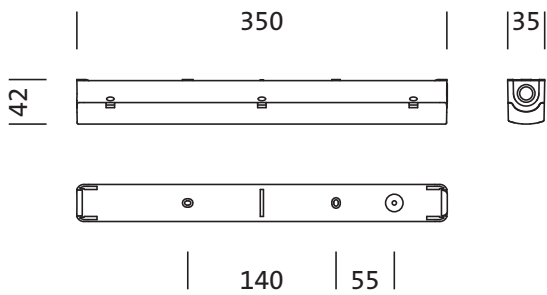
- Length: 350mm
- Width: 35mm
- Height: 42mm
- Weight: 0.4kg

#### Service life

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

Order No.: 0LS5297L10840S | GTIN (EAN): 4052899933941

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



Order No.: 0LS5297L10840S | GTIN (EAN): 4052899933941

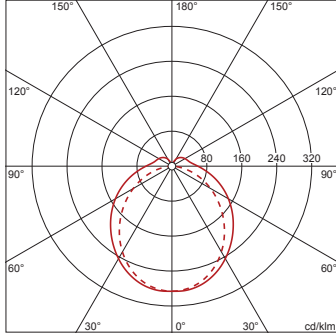
Planning data: BRIKsl,wd,900lm840,0/1,PC

**0LS5297L10840S: 1x LED**  
**4000K / CRI ≥ 80**

4052899933941

0LS5297L10840S

LED 4000K / CRI ≥ 80  $\phi_N$  900 lm



$\phi_{\downarrow}$  87%  $\phi_{\uparrow}$  13%

Luminance values (cd/m<sup>2</sup>)

	C 0/180	C 90/270
L <sub>80</sub>	9550	8369
L <sub>70</sub>	10692	11901
L <sub>65</sub>	11316	13075

UGR 25.8 23.8

X 4H Y 8H  $\rho$  70/50/20 S 0.25H

No. of luminaires in room

Reflection factors 70/50/20

Em(lx)	100		200		500	
	2.5	3.0	2.5	3.0	2.5	3.0
20 m <sup>2</sup>	3.9	4.6	7.9	9.2	20	23
30 m <sup>2</sup>	5.7	6.5	11	13	29	32
40 m <sup>2</sup>	7.3	8.1	15	16	36	41
50 m <sup>2</sup>	8.7	9.6	17	19	44	48
75 m <sup>2</sup>	12	14	25	27	62	68
100 m <sup>2</sup>	16	17	32	35	80	87
500 m <sup>2</sup>	71	73	142	147	354	367

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](http://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 -