

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

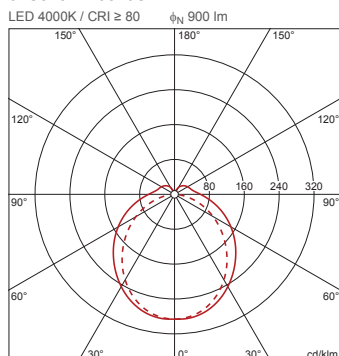
Product description: BRIKsl,wd,900lm840,0/1,PC



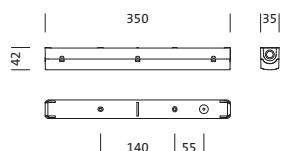
POWERBRIK® Slim, damp-proof luminaire, primary optical cover: enclosure, of PC, primary light characteristic: symmetric, installation type: surface-mounted, LED rated luminous flux: 900 lm, light colour: 840, colour temperature: 4000K, control gear: ECG, with terminal, 2-pole, max. 1.5mm², mains connection: 230V, AC/DC, 0/50..60Hz, rated input power: 9.5W, housing, of PC, traffic white (RAL 9016), length: 350 mm, width: 35 mm, height: 42mm, protection rating (complete): IP65, insulation class (complete): insulation class II (safety insulation), certification: CE, protection symbol: F, impact resistance: IK05, permissible ambient temperature for indoor applications: -20..+40°C, packaging unit: 1 piece

IP 65

4052899933941
0LS5297L10840S



Lamps:	LED
Wt. (kg):	0.4
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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 distribution

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: F
- Temperature range (operation): -20..+40°C
- Certification, designation: CE

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

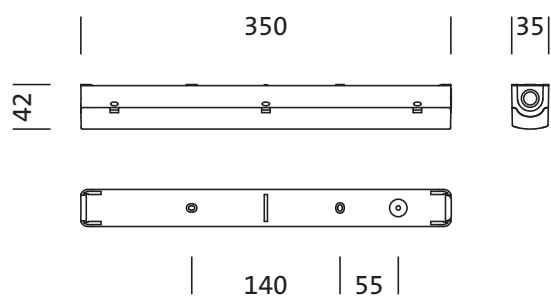
- Length: 350mm
- Width: 35mm
- Height: 42mm
- Weight: 0.4kg

Service life

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

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



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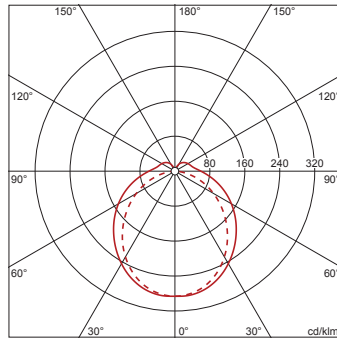
Planning data: BRIKsl,wd,900lm840,0/1,PC

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

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LED 4000K / CRI ≥ 80 ϕ_H 900 lm



ϕ_d 87% ϕ_t 13%

Luminance values (cd/m²)

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

UGR 25.8 23.8

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)	2.5	3.0	2.5	3.0	2.5	3.0
20 m ²	3.9	4.6	7.9	9.2	20	23
30 m ²	5.7	6.5	11	13	29	32
40 m ²	7.3	8.1	15	16	36	41
50 m ²	8.7	9.6	17	19	44	48
75 m ²	12	14	25	27	62	68
100 m ²	16	17	32	35	80	87
500 m ²	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.com)

Issued 09.12.2021 - Modifications and errors subject to change - Ensure that you always use the latest version -

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