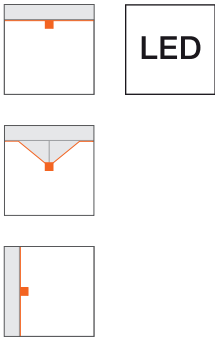


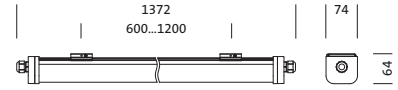
Overview of product data:
OLS6297BHO840

AQUALINE,LED,5200lm840,ECG,PC,dir,surf



Product description

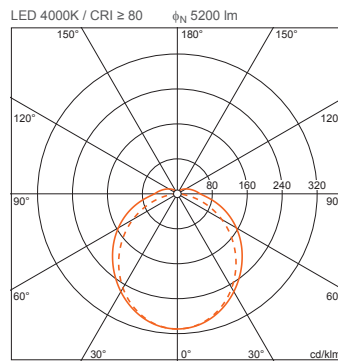
AQUALINE®LED, damp-proof luminaire, primary optical cover: diffuser, of PC, frosted, light emission: direct distribution, primary light characteristic: symmetric, installation type: surface-mounted, suspended mounting, LED, luminous flux: 5.200 lm, luminous efficacy: 124lm/W, light colour: 840, colour temperature: 4000K, control gear: ECG, with socket/plug, through-wiring: 3x 1.5mm², mains connection: 220..240V, AC, 50/60Hz, rated input power: 42W, housing, luminaire housing, of PC, light grey (RAL 7035), length: 1.372 mm, width: 74 mm, height: 64mm, protection rating (complete): IP66, insulation class (complete): insulation class II (safety insulation), certification: CE, protection symbol: D, impact resistance: IK08, permissible ambient temperature for indoor applications: -20..+40°C, corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry, packaging unit: 1 piece



Lamps: LED
Wt. (kg): 2.0
Order No.: OLS6297BHO840
GTIN (EAN): 4052899981447

OLS6297BHO840: 1x LED 4000K / CRI ≥ 80

4052899981447
OLS6297BHO840



Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	10042	9114
L ₇₀	11261	12699
L ₆₅	11808	13747

UGR 26.6 24.8
X 4H Y 8H ρ 70/50/20 S 0.25H

No. of luminaires in room

Reflection factors 70/50/20

Em(x)	100		200		500	
	Lh(m)	2.5	3.0	2.5	3.0	2.5
20 m ²	0.7	0.8	1.3	1.5	3.3	3.8
30 m ²	1.0	1.1	1.9	2.2	4.8	5.4
40 m ²	1.2	1.4	2.4	2.7	6.1	6.8
50 m ²	1.5	1.6	2.9	3.2	7.3	8.1
75 m ²	2.1	2.3	4.2	4.6	10	11
100 m ²	2.7	2.9	5.4	5.8	14	15
500 m ²	12	12	24	25	60	62

Maintenance factor 0.8 Rh = Lh + 0.5 m

OSRAM OLS6297BHO840

The luminaire contains built-in LED lamps

LED

The LED-lamps cannot be changed in the luminaire

874/2012

Product data details:
OLS6297BHO840

AQUALINE,LED,5200lm840,ECG,PC,dir,surf

2/3



Detailed technical description

Key data

- Product type: damp-proof luminaire
- Family: AQUALINE®LED
- Order No.: OLS6297BHO840

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:

- Cover: diffuser, frosted
- Beam angle: wide distribution, 110°
- Symmetry: symmetric distribution
- Light emission: direct distribution

Lamps:

- Lamps: with LED
- Net luminous flux: 5200lm
- Luminous efficacy: 124lm/W
- Colour temperature: 4000K
- Light colour: 840
- Connected load: 42W

Operating device:

- Control gear: ECG
- Control: ON/OFF

Material | Colour

- housing: PC, light grey (RAL 7035)
- luminaire housing: PC, light grey (RAL 7035)
- Cover: diffuser of PC

Mounting

- Mounting method, mounting location: suspended mounting, surface-mounted, to wire suspension, to the ceiling, to the wall
- Arrangement: single/continuous arrangement

Electrical connection

- Connection: socket/plug
- Nominal voltage: 220..240V, AC, 50/60Hz
- Through-wiring: 3x 1.5mm²

Dimensions | Weight

- Length: 1372mm
- Width: 74mm
- Height: 64mm
- Weight: 2.0kg

Certificates | Standards

- Protection rating: IP66
- Insulation class: insulation class II (safety insulation)
- Impact resistance: IK08
- Protection symbol: D
- Permissible ambient temperature: -20..+40°C
- Supplement: corresponds to IFS (International Featured Standards) requirements for safety and quality in the food industry
- Certification, designation: CE

Service life

- Service life: service life up to 50,000h (L80/B50)

Dimensions:

OLS6297BHO840

AQUALINE,LED,5200lm840,ECG,PC,dir,surf

3/3

