

PRODUCT DATASHEET

O SURFACE SQ 13 W 3000 K IP54 WT

OUTDOOR SURFACE SQUARE | Wall and ceiling luminaires with modern design in square shape



VALUE
CLASS

Areas of application

- Outdoor
- Building facades
- Gardens, balconies and other outdoor areas

Product benefits

- Energy-efficient thanks to LED technology
- 5 years guarantee
- Easy and quick installation
- Homogeneous light output

Product features

- Bright and functional outdoor LED luminaires
- Type of protection: IP54
- Die-cast aluminum housing
- Available in two housing colors: white and dark gray
- Diffuser made of opal polycarbonate



TECHNICAL DATA**Electrical data**

Nominal wattage	13.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	63 mA
Max. number of luminaires per miniature circuit breaker B16	75
Max. number of luminaires per miniature circuit breaker C10	96
Max. number of luminaires per miniature circuit breaker C16	60
Power factor λ	> 0.5
Protection class	I
Operating mode	Mains voltage

Photometrical data

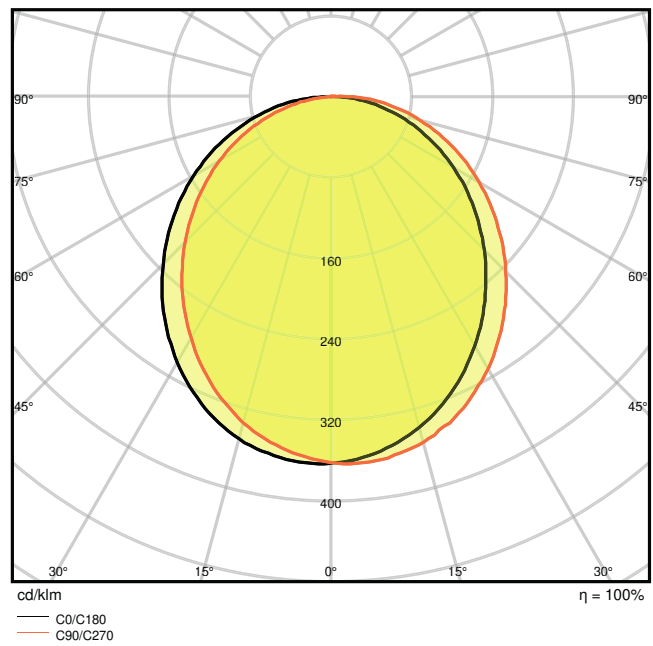
Luminous flux	600 lm
Luminous efficacy	45 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	≥ 80
Standard deviation of color matching	< 6 sdc _m
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	100 °

0.5	1.28 1.29	E(0°) 889 E(C90) 104 E(C0) 102
1.0	2.57 2.58	E(0°) 222 E(C90) 26 E(C0) 26
1.5	3.85 3.87	E(0°) 99 E(C90) 12 E(C0) 11
2.0	5.14 5.16	E(0°) 56 E(C90) 6 E(C0) 6
2.5	6.42 6.45	E(0°) 36 E(C90) 4 E(C0) 4
3.0	7.71 7.74	E(0°) 25 E(C90) 3 E(C0) 3

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half beam angle [°]: 104.4°)
— C90/C270 (Half beam angle [°]: 104.2°)

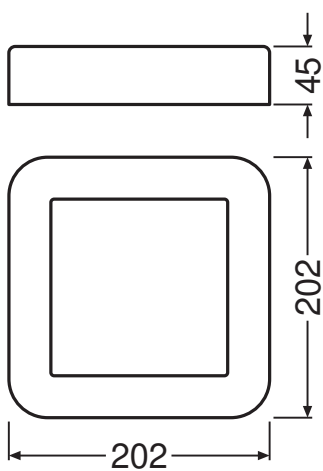
O Surface SQ 13W3000K WT IP54



4058075074958 O Surface SQ 13W3000K WT IP54

Dimensions & Weight

Length	202.00 mm
Width	202.00 mm
Height	45.00 mm
Product weight	910.00 g



O SURFACE SQ 13W/3000K GY
IP54

Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Polycarbonate (PC)
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Type of connection	Screw terminal, 3-Pole
Type of protection	IP54
Protection class IK (shock resistance)	IK06
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling / Wall
Application environment	Outdoor
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	30000 h ¹⁾
Number of switching cycles	15000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Certificates & Standards

Standards	CE
Ball shot safe	No









EQUIPMENT / ACCESSORIES

– Complete mounting and connecting accessories included

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	User Instruction Outdoor Surface Round Square
	On-Pack-Info	Legal Insert OUTDOOR
	Declarations of conformity	EC declararion Outdoor Ledvance
Photometric and lighting design files		Document name
	IES file (IES)	O Surface SQ 13W3000K WT IP54
	LDT file (Eulumdat)	O Surface SQ 13W3000K WT IP54
	UGR file (UGR table)	O Surface SQ 13W3000K WT IP54
	Light distribution curve type cone	O Surface SQ 13W3000K WT IP54
	Light distribution curve type polar	4058075074958 O Surface SQ 13W3000K WT IP54

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075074958	Folding box 1	65 mm x 237 mm x 228 mm	970.00 g	3.51 dm ³
4058075074965	Shipping box 6	470 mm x 255 mm x 215 mm	6094.00 g	25.77 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.