

# 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



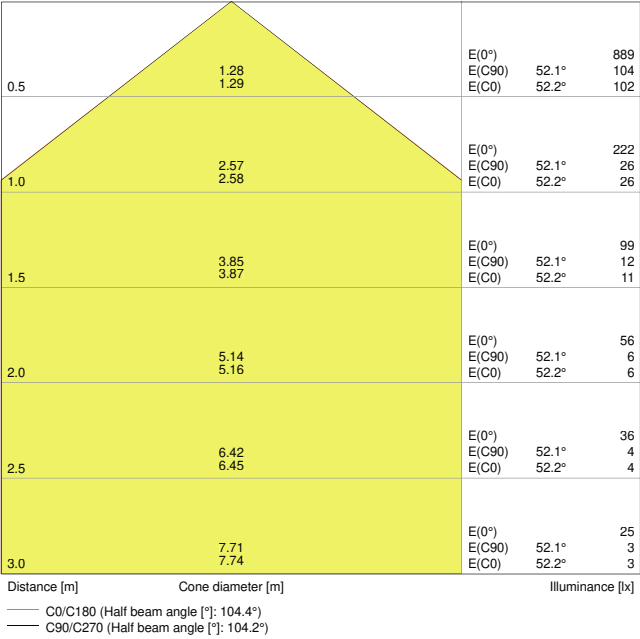
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**TECHNICAL DATA****Electrical data**

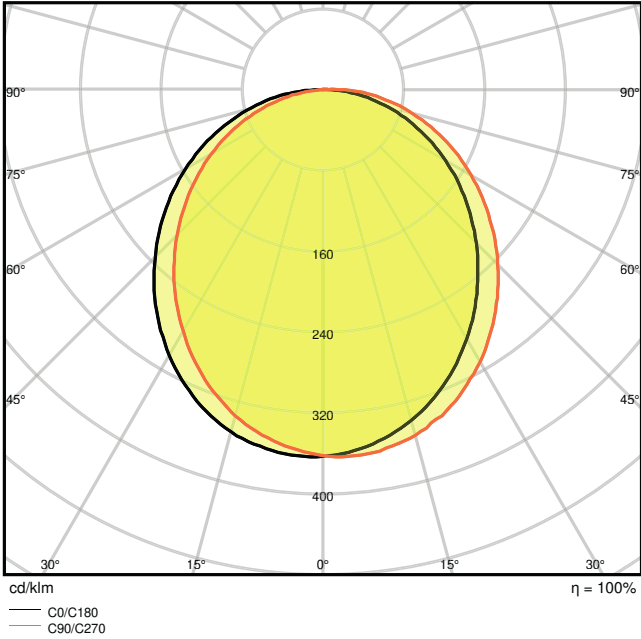
|                                                             |               |
|-------------------------------------------------------------|---------------|
| Nominal wattage                                             | 13.00 W       |
| Nominal voltage                                             | 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 $\lambda$                                      | > 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 sdcn   |
| Photobiological safety group acc. to EN62778 | RG0        |
| Photobiological safety group acc. to EN62471 | RG0        |
| Beam angle                                   | 100 °      |



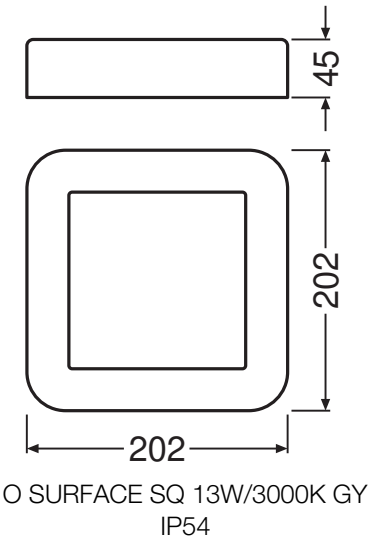
O Surface SQ 13W3000K WT IP54



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  |



## 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 <sup>1)</sup> |
| Number of switching cycles | 15000                 |

<sup>1)</sup> 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              |
| Replaceable light source (EPREL) | Not replaceable |

## 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<br>1             | 65 mm x 237 mm x 228 mm              | 970.00 g     | 3.51 dm <sup>3</sup>  |
| 4058075074965 | Shipping box<br>6            | 470 mm x 255 mm x 215 mm             | 6094.00 g    | 25.77 dm <sup>3</sup> |

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](http://www.ledvance.com/guarantee)

## DISCLAIMER

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