

## PRODUCT DATASHEET

# Orbis Quickfix 245x245mm 20W Click Dim 830 Black

Orbis Quickfix Square | LED Ceiling with Quickfix mounting solution



### Areas of application

- Living areas (living rooms, dining rooms, bedrooms etc.)

### Product benefits

- Click dim function by wall switch
- Through-wiring possible with included connector box
- Easy mounting
- Excellent price/performance ratio

### Product features

- Easy operation and installation
- Click-DIM version: dimmable in three steps by repeated switching
- Through wiring possible
- Housing material: Plastic and Metal
- Color temperature: 3,000 K
- Type of protection: IP20



## TECHNICAL DATA

### Electrical data

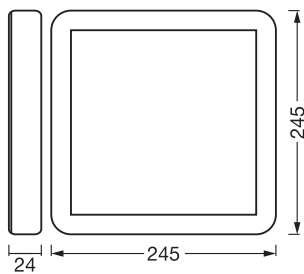
|                                                             |               |
|-------------------------------------------------------------|---------------|
| Nominal wattage                                             | 20.00 W       |
| Nominal voltage                                             | 220...240 V   |
| Mains frequency                                             | 50...60 Hz    |
| Nominal current                                             | 180.000 mA    |
| Inrush current                                              | 0.125 A       |
| Max. number of luminaires per miniature circuit breaker B16 | 68            |
| Max. number of luminaires per miniature circuit breaker C10 | 57            |
| Max. number of luminaires per miniature circuit breaker C16 | 92            |
| Power factor $\lambda$                                      | 0.50          |
| Total harmonic distortion                                   | 63 %          |
| Protection class                                            | II            |
| Operating mode                                              | Mains voltage |

### Photometrical data

|                                                |            |
|------------------------------------------------|------------|
| Luminous flux                                  | 2100 lm    |
| Total luminous flux of contained light sources | 3500 lm    |
| Luminous efficacy                              | 105 lm/W   |
| Color temperature                              | 3000 K     |
| Light color (designation)                      | Warm White |
| Color rendering index Ra                       | > 80       |
| Standard deviation of color matching           | 6 sdcn     |
| Flickering metric (Pst LM)                     | <1         |
| Stroboscope effect metric (SVM)                | <0.4       |
| Photobiological safety group acc. to EN62778   | RG0        |
| Beam angle                                     | 115 °      |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 245.00 mm |
| Width          | 245.00 mm |
| Height         | 24.00 mm  |
| Product weight | 630.00 g  |



ORBIS  
QUICKFIX230X23020WCLICKD830

Materials & Colors

|                                            |                                             |
|--------------------------------------------|---------------------------------------------|
| Product color                              | Black                                       |
| Housing color                              | Black                                       |
| Body material                              | Metal Acrylonitrile butadiene styrene (ABS) |
| Cover material                             | Polystyrene (PS)                            |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C                                      |

Application & Mounting

|                                        |                         |
|----------------------------------------|-------------------------|
| Ambient temperature range              | -20...+40 °C            |
| Temperature range at storage           | -20...+80 °C            |
| Type of connection                     | Terminal, 2-Pole (L, N) |
| Type of protection                     | IP20                    |
| Protection class IK (shock resistance) | IK03                    |
| Dimmable                               | Yes                     |
| Type of dimming                        | 3 DIM                   |
| Mounting type                          | Surface                 |
| Mounting location                      | Ceiling                 |
| With light source                      | Yes                     |
| Replaceable light source               | No                      |

Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 30000 h <sup>1)</sup> |
| 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)

Emergency lighting

|                                  |      |
|----------------------------------|------|
| Type of emergency operation test | None |
|----------------------------------|------|

### Certificates & Standards

|                                                      |                 |
|------------------------------------------------------|-----------------|
| Standards                                            | CE / UKCA       |
| Luminaire with limited surface temperature, "D sign" | No              |
| Ball shot safe                                       | No              |
| Replaceable light source (EPREL)                     | Not replaceable |

### EQUIPMENT / ACCESSORIES

- Mounting screws and dowels included

### Safety advice

- Luminaire must be disconnected from mains during installation, maintenance and cover removal
- Check wall-ceiling for suitability. If uncertain, seek professional 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 | G11238894 UI ORBIS QUICKFIX      |
|  | Legal information                      | Safety insert G11219301          |
|  | Legal information                      | ORBIS QUICKFIX                   |
|  | Declarations of conformity             | CE Declaration Orbis Quick Fix   |
|  | Declarations of conformity UKCA        | UKCA Declaration Orbis Quick Fix |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854604829 | Folding box<br>1             | 33 mm x 273 mm x 273 mm              | 783.00 g     | 2.46 dm <sup>3</sup>  |
| 4099854604836 | Shipping box<br>8            | 290 mm x 260 mm x 290 mm             | 6774.00 g    | 21.87 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.

---

## DISCLAIMER

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