

# PRODUCT DATASHEET

## Undercabinet Socket Flood 830 DIM USB Black Kit

UNDERCABINET SOCKET FRAMELESS | Frameless undercabinet luminaire kit with power sockets and USB-C ports

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### Areas of application

- Kitchens, Living areas, Shelf and undercabinet lighting



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### Product benefits

- Multifunctional Use: Lighting and Power / Charging Function in one Luminaire
- Two power sockets and two USB-C ports to support additional equipment (kitchen devices, mobile devices)
- Individual arrangement of the light modules to the right or left or mixed, depending on your own needs
- Connection of up to 4 light modules via simple click system

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### Product features

- The socket module can supply devices with an output of up to 2400W
- 2x EU sockets (max. 10A) and 2x USB C (5V 2.4A)
- Switch on and off by pressing and holding the button 1 second
- Stepless dimming by pressing and holding the button more longer than 3 seconds
- Starter Kit includes one socket module and two light modules
- Extension kit includes one light module



- Lifetime up to 30,000 h

## TECHNICAL DATA

### Electrical data

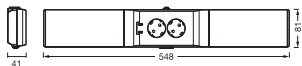
|                                                             |               |
|-------------------------------------------------------------|---------------|
| Nominal wattage                                             | 10.00 W       |
| Nominal voltage                                             | 220...240 V   |
| Mains frequency                                             | 50...60 Hz    |
| Nominal current                                             | 88.000 mA     |
| Inrush current                                              | 40 A          |
| Max. number of luminaires per miniature circuit breaker B16 | 18            |
| Max. number of luminaires per miniature circuit breaker C10 | 15            |
| Max. number of luminaires per miniature circuit breaker C16 | 24            |
| Power factor $\lambda$                                      | $\geq 0.5$    |
| Total harmonic distortion                                   | < 150 %       |
| Protection class                                            | I             |
| Operating mode                                              | Mains voltage |

### Photometrical data

|                                                |            |
|------------------------------------------------|------------|
| Luminous flux                                  | 500 lm     |
| Total luminous flux of contained light sources | 600 lm     |
| Luminous efficacy                              | 50 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   | RG1        |
| Beam angle                                     | 110 °      |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 548.00 mm |
| Width          | 81.00 mm  |
| Height         | 41.00 mm  |
| Product weight | 760.00 g  |
| Cable length   | 1500 mm   |



UNDERCABINET SOCKET FL KIT  
830 D BK line drawing

Materials & Colors

|                                            |                    |
|--------------------------------------------|--------------------|
| Product color                              | Black              |
| Housing color                              | Black              |
| Body material                              | Polycarbonate (PC) |
| Cover material                             | Polycarbonate (PC) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C             |
| Mercury content                            | 0.0 mg             |

Application & Mounting

|                              |                           |
|------------------------------|---------------------------|
| Ambient temperature range    | -20...+40 °C              |
| Temperature range at storage | -20...+80 °C              |
| Type of connection           | Plug type F               |
| Type of protection           | IP20                      |
| Dimmable                     | Yes                       |
| Type of dimming              | Push-DIM                  |
| Mounting type                | Surface                   |
| Mounting location            | Wall / Cabinet undersides |
| Application environment      | Indoor                    |
| Adjustable                   | Yes                       |
| 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                 |

<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 |
|-----------|----|

|                                                      |                 |
|------------------------------------------------------|-----------------|
| Luminaire with limited surface temperature, "D sign" | No              |
| Replaceable light source (EPREL)                     | Not replaceable |

## EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included

## Safety advice

- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.
- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.

## DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name              |
|------------------------------------------------------------------------------------|----------------------------------------|----------------------------|
|    | User instruction / safety instructions | Undercabinet Socket        |
|  | Legal information                      | TRACKLIGHT SPOT ZOOM D85   |
|  | Declarations of conformity             | UNDERCABINET SOCKET FL KIT |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075842762 | Folding box<br>1             | 82 mm x 102 mm x 598 mm              | 945.00 g     | 5.00 dm <sup>3</sup>  |
| 4058075842779 | Shipping box<br>6            | 615 mm x 220 mm x 273 mm             | 6318.00 g    | 36.94 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.