

# PRODUCT DATASHEET

## SMART+ Wifi Floodlight 20W RGB + W

SMART+ MULTICOLOR | Floodlights with WiFi technology



### Areas of application

- Building facades

### Product benefits

- Easy and quick installation
- Colorful garden lighting with smart and intelligent control options
- Combines the functionality of general lighting and mood lighting

### Product features

- Controllable via voice control available: Google Assistant or Amazon Alexa
- RGB color control, approx. 16 million color options adjustable
- Dimmable
- Color temperature: 3,000 K (Warm White)
- Network protocol: WiFi
- Mounting bracket for up to 180° tilting
- Type of protection: IP65
- Connection via 0.5 m cable, wiring required
- Controllable via SMART+ App (with minimum Android 8.0 or iOS 14.0)



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## TECHNICAL DATA

### Electrical data

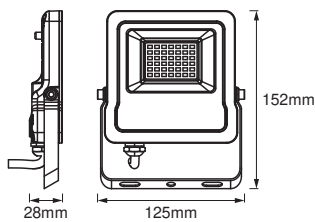
|                                                             |               |
|-------------------------------------------------------------|---------------|
| Nominal wattage                                             | 20.00 W       |
| Nominal voltage                                             | 220...240 V   |
| Mains frequency                                             | 50...60 Hz    |
| Max. number of luminaires per miniature circuit breaker B16 | 16            |
| Max. number of luminaires per miniature circuit breaker C16 | 24            |
| Power factor $\lambda$                                      | > 0.90        |
| Total harmonic distortion                                   | $\leq 40$ %   |
| Protection class                                            | I             |
| Operating mode                                              | Mains voltage |

### Photometrical data

|                                      |           |
|--------------------------------------|-----------|
| Luminous flux                        | 1600 lm   |
| Luminous efficacy                    | 63 lm/W   |
| Color temperature                    | 3000 K    |
| Light color (designation)            | RGBW      |
| Color rendering index Ra             | $\geq 80$ |
| Standard deviation of color matching | < 6 sdcm  |
| Flickering metric (Pst LM)           | -         |
| Stroboscope effect metric (SVM)      | -         |
| Beam angle                           | 100 °     |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 152.00 mm |
| Width          | 125.00 mm |
| Height         | 28.00 mm  |
| Product weight | 380.00 g  |



SMART OUTD WIFI FLOOD 20W  
RGBW DG

Materials & Colors

|                                            |           |
|--------------------------------------------|-----------|
| Product color                              | Dark gray |
| Housing color                              | Dark gray |
| Body material                              | Aluminum  |
| Cover material                             | Glass     |
| 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...+85 °C  |
| Type of connection                     | Cable, 3-pole |
| Type of protection                     | IP65          |
| Protection class IK (shock resistance) | IK05          |
| Dimmable                               | Yes           |
| Type of dimming                        | WiFi          |
| Mounting type                          | Surface       |
| Mounting location                      | Wall          |
| Application environment                | Outdoor       |
| With light source                      | No            |

Lifespan

|                            |         |
|----------------------------|---------|
| Lifespan L70/B50 at 25 °C  | 30000 h |
| Number of switching cycles | 30000   |

Certificates & Standards

|           |                 |
|-----------|-----------------|
| Standards | CE / EAC / UKCA |
|-----------|-----------------|

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

### Additional product data

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| Product remark | Reset settings to default by switching the product on for three seconds and off for three seconds and repeating this five times. |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|

### EQUIPMENT / ACCESSORIES

- Mounting bracket included
- Mounting screws and dowels included
- Control via app or voice control requires compatible Smart home system
- For control via SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)

### Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- 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 | SMART WIFI FLOOD                   |
|  | Legal information                      | Legal insert SMART OUTD WIFI FLOOD |
|  | Declarations of conformity             | SMART OUTD WIFI FLOOD DG           |
|  | Declarations of conformity UKCA        | SMART OUTD WIFI FLOOD              |
|  | EU Data Act                            | SMART WiFi Lamps and Luminaires    |

### LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|--------------|------------------------------|--------------------------------------|--------------|--------|
|--------------|------------------------------|--------------------------------------|--------------|--------|

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075474628 | Folding box<br>1             | 154 mm x 40 mm x 166 mm              | 445.00 g     | 1.02 dm <sup>3</sup>  |
| 4058075474635 | Shipping box<br>12           | 327 mm x 257 mm x 190 mm             | 5748.00 g    | 15.97 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.

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### References / Links

– Further information and frequently asked questions (FAQs) at [www.ledvance.com/consumer/smart/faq](http://www.ledvance.com/consumer/smart/faq)

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### DISCLAIMER

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