

PRODUCT DATASHEET SMART+ Wifi Floodlight 20W RGB + W + RC

SMART+ MULTICOLOR WITH REMOTE CONTROL | 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)



TECHNICAL DATA

Electrical data

| Nominal wattage | 20.0 W |
|---|---------------|
| Nominal voltage | 220240 V |
| Mains frequency | 5060 Hz |
| Nominal current | 90.000 mA |
| Inrush current | 15 A |
| Max. number of luminaires per miniature circuit breaker C10 | 15 |
| Power factor λ | > 0.90 |
| 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) | Warm White |
| Color rendering index Ra | ≥80 |
| Standard deviation of color matching | < 6 sdcm |
| Flickering metric (Pst LM) | ≤1 % |
| Stroboscope effect metric (SVM) | ≤0.4 |
| Photobiological safety group acc. to EN62778 | RG1 |
| Photobiological safety group acc. to EN62471 | RG1 |
| Beam angle | 100 ° |

Dimensions & Weight

| Length | 152.00 mm |
|----------------|-----------|
| Width | 125.00 mm |
| Height | 28.00 mm |
| Product weight | 419.00 g |





SMART OUTD WIFI FLOOD20W REM RGBWDG

Materials & Colors

| Product color | Dark gray |
|-----------------|--------------------|
| Housing color | Dark gray |
| Body material | Aluminum |
| Cover material | Polycarbonate (PC) |
| Mercury content | 0.0 mg |

Application & Mounting

| Ambient temperature range | -20+40 °C |
|--|-----------------------------|
| Temperature range at storage | -20+80 °C |
| Type of connection | Terminal, 3-Pole (L, N, PE) |
| 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 | Yes |

Lifespan

| Lifespan L70/B50 at 25 °C | 25000 h |
|----------------------------|---------|
| Number of switching cycles | 30000 |

Emergency lighting

| Type of emergency light operation | Non-maintained |
|-----------------------------------|----------------|
| Type of emergency operation test | None |

| Luminous flux in maintained operation mode | - |
|--|----|
| Luminous flux in emergency operation mode | - |
| Integrated test switch | No |

Certificates & Standards

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

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 | |
|-----|--|---|--|
| PDF | User instruction / safety instructions | Smart Wifi Flood RGBW and Remote | |
| PDF | Legal information | Legal insert SMART OUTD WIFI FLOOD | |
| PDF | Declarations of conformity | SMART OUTD WIFI FLOOD20W REM RGBWDGLEDV | |
| PDF | Declarations of conformity UKCA | SMART OUTD WIFI FLOOD | |

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 |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075576674 | Folding box 1 | 204 mm x 40 mm x 164 mm | 621.00 g | 1.34 dm ³ |
| 4058075576681 | Shipping box 6 | 264 mm x 229 mm x 208 mm | 4176.00 g | 12.57 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

- Further information and frequently asked questions (FAQs) at www.ledvance.com/consumer/smart/faq

DISCLAIMER

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