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)

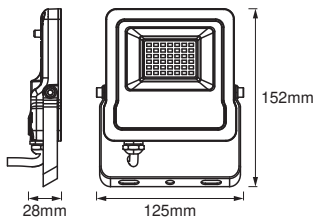## TECHNICAL DATA

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 λ	> 0.90
Total harmonic distortion	≤ 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	≥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
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 FLOOD DG
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
4058075474628	Folding box 1	154 mm x 40 mm x 166 mm	445.00 g	1.02 dm^3
4058075474635	Shipping box 12	327 mm x 257 mm x 190 mm	5748.00 g	15.97 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

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