# PRODUCT FAMILY DATASHEET
## FLOODLIGHT 90

**Floodlight with symmetrical light output with 90 W**

### AREAS OF APPLICATION

– Replacement for floodlights with halogen lamps
– Garages
– Public areas
– Building facades
– Construction areas
– D-sign according to EN 60598-2-24 for fire-risk commercial unit, f. e. by accumulation of dust

### PRODUCT BENEFITS

– Frosted cover made of tempered glass for uniform illumination
– Optimized weight and size due to compact design
– No upper light output ratio (ULOR 0%) when mounted at 0° tilt
– Energy savings of up to 90 % compared to halogen lamp floodlights
– 5 years guarantee

### PRODUCT FEATURES

– Luminaire efficacy: up to 110 lm/W
– Symmetrical beam angle: 100° x 100°
– Mounting bracket for up to 180° tilting
– Type of protection: IP65
– Impact resistance: IK08
– Ambient temperature in operation: -20...+50 °C
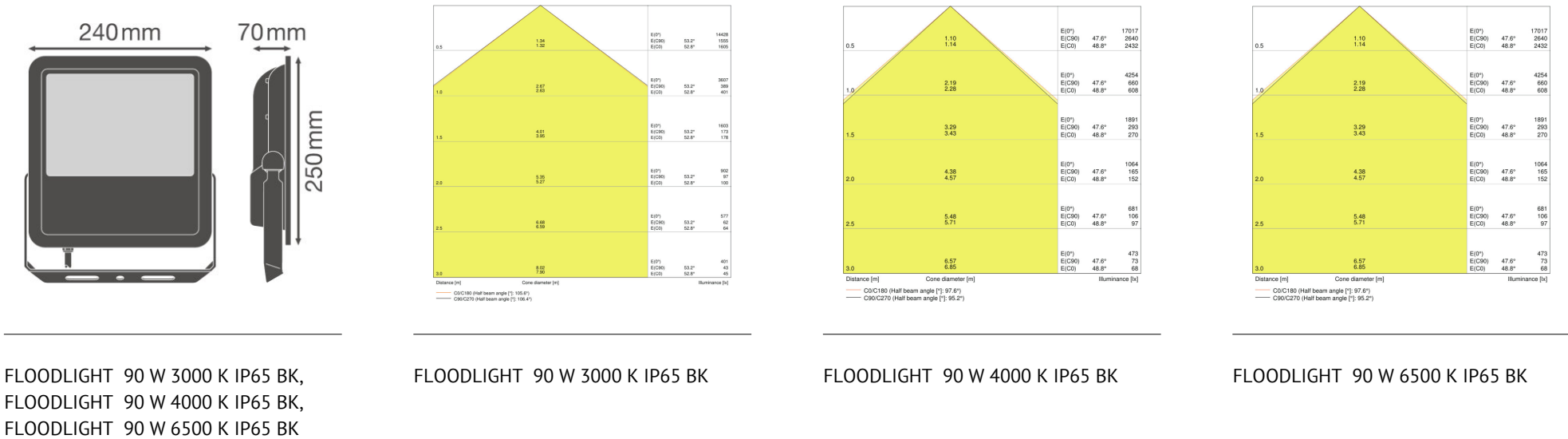– Connection via 1 m cable, wiring required

## TECHNICAL DATA

| Product description | Electrical data | | | Luminaire control gear data | | | | Photometrical data |
|---|---|---|---|---|---|---|---|---|
| | Nominal wattage | Nominal voltage | Mains frequency | Ouput current | Max. no. of lum. on circuit break. B16 A | Max. no. of lum. on circuit break. C10 A | Max. no. of lum. on circuit break. C16 A | Luminous flux |
| FLOODLIGHT 90 W 3000 K IP65 BK 1) | 90.00 W | 220...240 V | 50/60 Hz | 1200 mA | 11 | 9 | 14 | 9400 lm |
| FLOODLIGHT 90 W 4000 K IP65 BK | 90.00 W | 220...240 V | 50/60 Hz | 1200 mA | 11 | 9 | 14 | 10000 lm |
| FLOODLIGHT 90 W 6500 K IP65 BK | 90.00 W | 220...240 V | 50/60 Hz | 1200 mA | 11 | 9 | 14 | 10000 lm |

| Product description | Light color (designation) | Color render-ing index Ra | Light technical data | Dimensions & weight | | | | Colors & materials | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Beam angle | Length | Width | Height | Product weight | Body material | Product color | Housing color | Cover material |
| FLOODLIGHT 90 W 3000 K IP65 BK 1) | Warm White | ≥80 | 100 ° x 100 ° | 250.0 mm | 240.0 mm | 70.0 mm | 2600.00 g | Aluminum | Black | Black | Tempered glass |
| FLOODLIGHT 90 W 4000 K IP65 BK | Cool White | ≥80 | 100 ° x 100 ° | 250.0 mm | 240.0 mm | 70.0 mm | 2600.00 g | Aluminum | Black | Black | Tempered glass |
| FLOODLIGHT 90 W 6500 K IP65 BK | Cool Daylight | ≥80 | 100 ° x 100 ° | 250.0 mm | 240.0 mm | 70.0 mm | 2600.00 g | Aluminum | Black | Black | Tempered glass |

| Product description | Temperatures & operating conditions | Lifespan | | | | Capabilities | |
|---|---|---|---|---|---|---|---|
| | Ambient temperature range | Number of switching cycles | Lifespan L70/B50 at 25 °C | Lifespan L80/B10 at 25 °C | Lifespan L90/B10 at 25 °C | Adjustable | Dimmable |
| FLOODLIGHT 90 W 3000 K IP65 BK 1) | -20...+50 °C | 100000 | 50000 h | 30000 h | 15000 h | Yes | No |
| FLOODLIGHT 90 W 4000 K IP65 BK | -20...+50 °C | 100000 | 50000 h | 30000 h | 15000 h | Yes | No |
| FLOODLIGHT 90 W 6500 K IP65 BK | -20...+50 °C | 100000 | 50000 h | 30000 h | 15000 h | Yes | No |

| Product description | Type of connection | Certificates & standards | | |
| --- | --- | --- | --- | --- |
| | | Protection class | Type of protection | Luminaire with limited surface temperature, class "D" |
| FLOODLIGHT  90 W 3000 K IP65 BK 1) | Cable, 3-pole | I | IP65 | Yes |
| FLOODLIGHT  90 W 4000 K IP65 BK | Cable, 3-pole | I | IP65 | Yes |
| FLOODLIGHT  90 W 6500 K IP65 BK | Cable, 3-pole | I | IP65 | Yes |

1) Available from November 2019



FLOODLIGHT  90 W 3000 K IP65 BK,
FLOODLIGHT  90 W 4000 K IP65 BK,
FLOODLIGHT  90 W 6500 K IP65 BK



FLOODLIGHT  90 W 3000 K IP65 BK



FLOODLIGHT  90 W 4000 K IP65 BK



FLOODLIGHT  90 W 6500 K IP65 BK

## APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075352148 | Shipping carton box 1 | 322 mm x 282 mm x 134 mm | 3171.00 g | 12.17 dm³ |
| 4058075097681 | Shipping carton box 1 | 322 mm x 282 mm x 134 mm | 3171.00 g | 12.17 dm³ |
| 4058075097698 | Shipping carton box 1 | 322 mm x 282 mm x 134 mm | 3190.00 g | 12.17 dm³ |

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

For Guarantee see
▶   www.ledvance.com/guarantee

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