

# PRODUCT DATASHEET

## SPOT FP FIX 7 W 3000 K IP65/IP20 WT

SPOT FIREPROOF | Recessed mounted spotlight, round shape, fire-resistant



PERFOR-  
MANCE  
CLASS

### Areas of application

- Replacement of halogen lamp spotlights
- Hotel rooms
- Bars, restaurants
- Bathrooms
- Accent lighting
- Galleries, museums
- General illumination
- Outdoor

### Product benefits

- High luminous efficacy
- Design matches the LEDVANCE DOWNLIGHT luminaire family
- Energy savings of up to 90 % compared to halogen lamp spotlights
- Functional and minimalistic design
- Easy installation with fast connection
- External driver for extended flexibility (compatible with selected dim. drivers)
- Designed for extra IP protection
- 5 years guarantee

### Product features

- Fire-resistant (up to 90 minutes, tested in accordance with EN 1365-2:2014 'fire resistance tests for loadbearing elements - Part 2: Floors and roofs')



- Outdoor use and fire-resistant (up to 90 minutes, BS476-20:1987 and BS476-21:1987)
- Compatible with standard ceiling cutouts of 68 mm
- Initial color consistency:  $\leq 4$  SDCM
- Type of protection, front side: IP65

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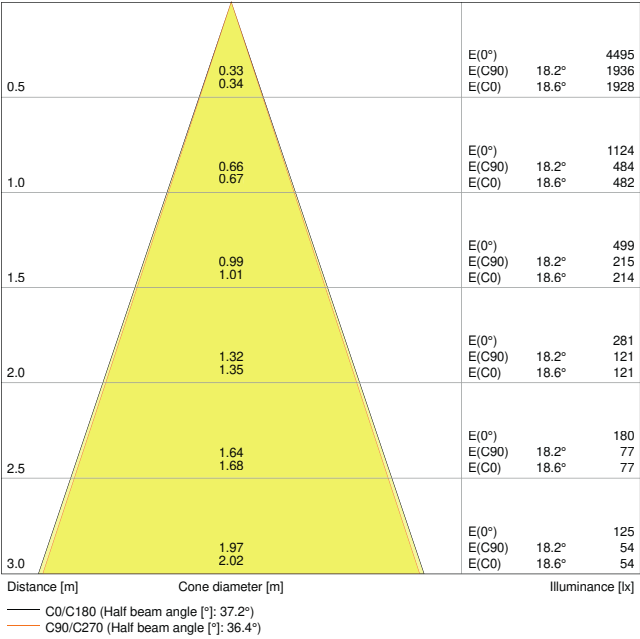
## TECHNICAL DATA

### Electrical data

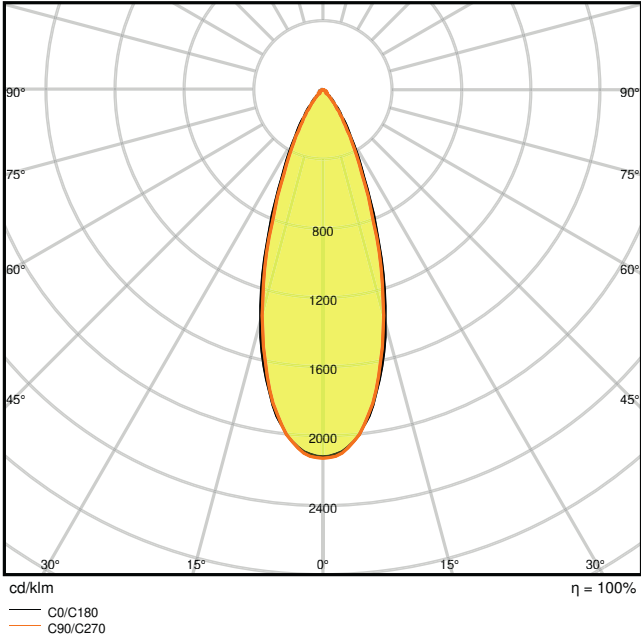
|                                                             |                               |
|-------------------------------------------------------------|-------------------------------|
| Nominal wattage                                             | 7.00 W                        |
| Nominal voltage                                             | 220...240 V                   |
| Mains frequency                                             | 50...60 Hz                    |
| Nominal current                                             | 30 mA                         |
| Max. number of luminaires per miniature circuit breaker B16 | 32                            |
| Max. number of luminaires per miniature circuit breaker C10 | 25                            |
| Max. number of luminaires per miniature circuit breaker C16 | 40                            |
| Power factor $\lambda$                                      | > 0.90                        |
| Total harmonic distortion                                   | < 15 %                        |
| Protection class                                            | II                            |
| Operating mode                                              | Electronic control gear (ECG) |

### Photometrical data

|                                              |            |
|----------------------------------------------|------------|
| Luminous flux                                | 530 lm     |
| Luminous efficacy                            | 75 lm/W    |
| Color temperature                            | 3000 K     |
| Light color (designation)                    | Warm White |
| Color rendering index Ra                     | > 80       |
| Standard deviation of color matching         | ≤4 sdcn    |
| Photobiological safety group acc. to EN62778 | RG0        |
| Photobiological safety group acc. to EN62471 | RG0        |
| Beam angle                                   | 38 °       |



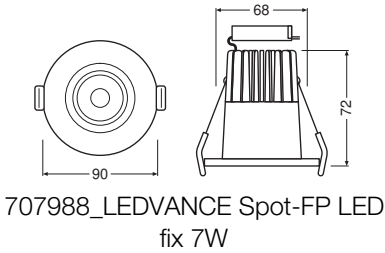
4058075000209 Spot-FP LED fix 7W 3000K 230V IP65



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Dimensions & Weight

|                |          |
|----------------|----------|
| Diameter       | 90.00 mm |
| Height         | 72.00 mm |
| Product weight | 289.00 g |



Materials & Colors

|                                 |          |
|---------------------------------|----------|
| Product color                   | White    |
| Housing color                   | White    |
| Body material                   | Aluminum |
| Light emitting surface material | PMMA     |

|                                            |        |
|--------------------------------------------|--------|
| Glow Wire Test according to IEC 60695-2-12 | 650 °C |
| Mercury content                            | 0.0 mg |

### Application & Mounting

|                                        |                              |
|----------------------------------------|------------------------------|
| Ambient temperature range              | -20...+45 °C                 |
| Type of connection                     | Screw terminal, 2-Pole (L,N) |
| Type of protection                     | IP65/IP20                    |
| Protection class IK (shock resistance) | IK06                         |
| Dimmable                               | No                           |
| Mounting type                          | Recessed                     |
| Mounting location                      | Ceiling                      |
| Application environment                | Indoor                       |
| Mounting diameter                      | 68 mm                        |
| Mounting depth                         | 90 mm                        |
| With light source                      | Yes                          |
| Replaceable light source               | No                           |

### Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 50000 h <sup>1)</sup> |
| Lifespan L80/B10 at 25 °C  | 40000 h <sup>1)</sup> |
| Lifespan L80/B50 at 25 °C  | 40000 h               |
| Lifespan L90/B10 at 25 °C  | 20000 h               |
| Number of switching cycles | 100000                |

<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 / CB / TÜV SÜD / EAC / RoHS |
| Luminaire with limited surface temperature, "D sign" | No                             |
| Ball shot safe                                       | No                             |
| Replaceable light source (EPREL)                     | Not replaceable                |

### Safety advice

– Coordination with your responsible fire safety inspector is required in advance

### DOWNLOAD DATA

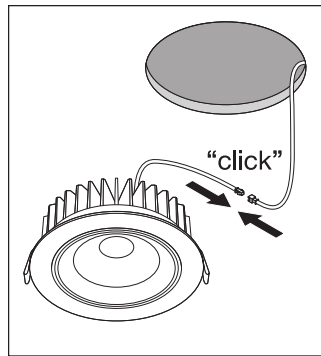
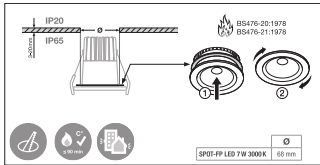
| Documents and certificates                                                         |                                        | Document name                                                     |
|------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------------------------|
|    | User instruction / safety instructions | SPOT LED                                                          |
|    | User instruction / safety instructions | 714115_User Instruction SPOT LED                                  |
|    | On-Pack-Info                           | Legal Insert Spot LED                                             |
|    | Legal information                      | LSI SPOT LED ADJUST AND LED FIX                                   |
|    | Declarations of conformity             | Attestation-of-Conformity-Spot LED -Fix-Adjust +Downlight LED TÜV |
|    | Declarations of conformity UKCA        | SPOT LED                                                          |
| Photometric and lighting design files                                              |                                        | Document name                                                     |
|    | IES file (IES)                         | Spot-FP LED fix 7W 3000K 230V IP65                                |
|   | LDT file (Eulumdat)                    | Spot-FP LED fix 7W 3000K 230V IP65                                |
|  | ULD file (DIALux)                      | SPOTFIREPROOF7W3000KIP65WT                                        |
|  | UGR file (UGR table)                   | 4058075000209 Spot-FP LED fix 7W 3000K 230V IP65                  |
|  | Light distribution curve type cone     | 4058075000209 Spot-FP LED fix 7W 3000K 230V IP65                  |
|  | Light distribution curve type polar    | 4058075000209 Spot-FP LED fix 7W 3000K 230V IP65                  |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075127333 | Folding box<br>1             | 190 mm x 100 mm x 110 mm             | 398.00 g     | 2.09 dm <sup>3</sup>  |
| 4058075190627 | Folding box<br>1             | 190 mm x 100 mm x 110 mm             | 398.00 g     | 2.09 dm <sup>3</sup>  |
| 4058075127340 | Shipping box<br>20           | 525 mm x 400 mm x 250 mm             | 8720.00 g    | 52.50 dm <sup>3</sup> |
| 4058075190634 | Shipping box<br>20           | 525 mm x 400 mm x 250 mm             | 8720.00 g    | 52.50 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.

## ADDITIONAL CATALOG INFORMATION



## References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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