



PRODUCT FAMILY DATASHEET

LEDVANCE SPOT LED

LED spotlight luminaires



AREAS OF APPLICATION

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

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 and quick installation
- External driver for extended flexibility (compatible with selected DALI drivers)
- 3 years guarantee

PRODUCT FEATURES

- Initial color consistency: ≤ 4 SDCM
- Housing material: aluminum
- Lens material: PMMA
- Lifetime (L70/B50): up to 30,000 h (at 25 °C)



TECHNICAL DATA

| Product description | Electrical data | | | | | Photometrical data | | | | |
|------------------------------------|-------------------------------|-----------------|-----------------|-----------------|------------------------|--------------------|---------------|---------------------------|--------------------------|--|
| | Operating mode | Nominal wattage | Nominal voltage | Mains frequency | Power factor λ | Color temperature | Luminous flux | Light color (designation) | Color rendering index Ra | Standard deviation of color matchi [PIM] |
| SPOT LED 68 4 W 3000 K IP20 ADJ WT | Electronic control gear (EVG) | 4.50 W | 220...240 V | 50/60 Hz | >0.90 | 3000 K | 360 lm | Warm White | >80 | ≤4 sdc |
| SPOT LED 68 6 W 3000 K IP20 ADJ WT | Electronic control gear (EVG) | 6.50 W | 220...240 V | 50/60 Hz | >0.90 | 3000 K | 550 lm | Warm White | >80 | ≤4 sdc |
| SPOT LED 83 8 W 3000 K IP20 ADJ WT | Electronic control gear (EVG) | 8.00 W | 220...240 V | 50/60 Hz | >0.90 | 3000 K | 660 lm | Warm White | >80 | ≤4 sdc |
| SPOT LED 83 8 W 4000 K IP20 ADJ WT | Electronic control gear (EVG) | 8.00 W | 220...240 V | 50/60 Hz | >0.90 | 4000 K | 720 lm | Cool White | >80 | ≤4 sdc |
| SPOT LED 68 8 W 3000 K IP44 DIM WT | Electronic control gear (EVG) | 8.00 W | 220...240 V | 50/60 Hz | >0.90 | 3000 K | 620 lm | Warm White | >80 | ≤4 sdc |
| SPOT LED 68 8 W 4000 K IP44 DIM WT | Electronic control gear (EVG) | 8.00 W | 220...240 V | 50/60 Hz | >0.90 | 4000 K | 670 lm | Cool White | >80 | ≤4 sdc |
| SPOT LED 68 8 W 3000 K IP44 DIM SI | Electronic control gear (EVG) | 8.00 W | 220...240 V | 50/60 Hz | >0.90 | 3000 K | 620 lm | Warm White | >80 | ≤4 sdc |
| SPOT LED 68 8 W 4000 K IP44 DIM SI | Electronic control gear (EVG) | 8.00 W | 220...240 V | 50/60 Hz | >0.90 | 4000 K | 670 lm | Cool White | >80 | ≤4 sdc |

| Product description | Light technical data | Dimensions & weight | | | Colors & materials | | Temperatures & operating conditions | Lifespan | |
|---------------------------------|----------------------|---------------------|---------|-------------------|--------------------|---------------|-------------------------------------|----------|-----------------------|
| | Beam angle | Diameter | Height | Mounting diameter | Body material | Product color | Ambient temperature range | Lifespan | Lifespan L70 at 25 °C |
| SPOT LED 68 4 W 3000 K IP20 ADJ | 36 ° | 80.0 mm | 36.0 mm | 68 mm | Aluminum | White | -20...45 °C | 30000 h | 50000 h |

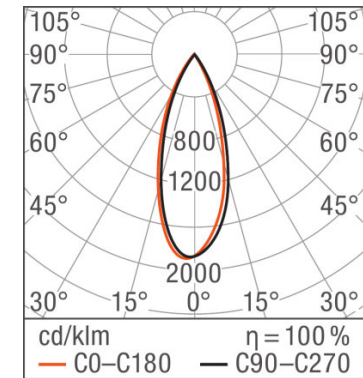
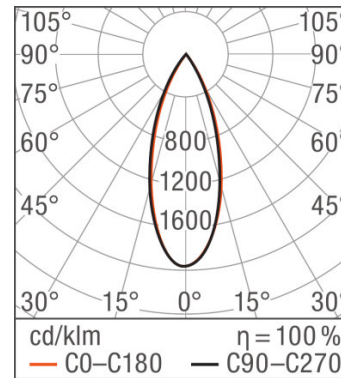
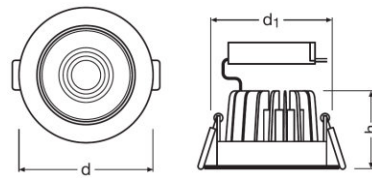
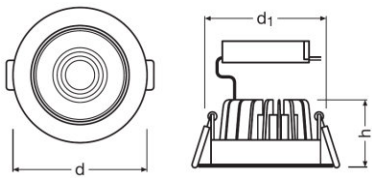
| Product description | Light technical data | Dimensions & weight | | | Colors & materials | | Temperatures & operating conditions | Lifespan | |
|------------------------------------|----------------------|---------------------|---------|-------------------|--------------------|---------------|-------------------------------------|----------|-----------------------|
| | Beam angle | Diameter | Height | Mounting diameter | Body material | Product color | Ambient temperature range | Lifespan | Lifespan L70 at 25 °C |
| WT | | | | | | | | | |
| SPOT LED 68 6 W 3000 K IP20 ADJ WT | 36 ° | 80.0 mm | 36.0 mm | 68 mm | Aluminum | White | -20...45 °C | 30000 h | 50000 h |
| SPOT LED 83 8 W 3000 K IP20 ADJ WT | 36 ° | 90.0 mm | 47.0 mm | 83 mm | Aluminum | White | -20...45 °C | 30000 h | 50000 h |
| SPOT LED 83 8 W 4000 K IP20 ADJ WT | 36 ° | 90.0 mm | 47.0 mm | 83 mm | Aluminum | White | -20...45 °C | 30000 h | 50000 h |
| SPOT LED 68 8 W 3000 K IP44 DIM WT | 36 ° | 81.0 mm | 51.0 mm | 68 mm | Aluminum | White | -20...45 °C | 30000 h | 50000 h |
| SPOT LED 68 8 W 4000 K IP44 DIM WT | 36 ° | 81.0 mm | 51.0 mm | 68 mm | Aluminum | White | -20...45 °C | 30000 h | 50000 h |
| SPOT LED 68 8 W 3000 K IP44 DIM SI | 36 ° | 81.0 mm | 51.0 mm | 68 mm | Aluminum | Silver | -20...45 °C | 30000 h | 50000 h |
| SPOT LED 68 8 W 4000 K IP44 DIM SI | 36 ° | 81.0 mm | 51.0 mm | 68 mm | Aluminum | Silver | -20...45 °C | 30000 h | 50000 h |

| Product description | Lifespan L90 at 25 °C | Number of switching cycles | Lifespan L80 at 25 °C | Capabilities | | | Certificates & standards |
|------------------------------------|-----------------------|----------------------------|-----------------------|--------------|----------|--------------------|--------------------------|
| | | | | Adjustable | Dimmable | Type of connection | Protection class |
| SPOT LED 68 4 W 3000 K IP20 ADJ WT | 20000 h | 100000 | 40000 h | Yes | No | Terminal, 2-pin | II |
| SPOT LED 68 6 W 3000 K IP20 ADJ WT | 20000 h | 100000 | 40000 h | Yes | No | Terminal, 2-pin | II |

| Product description | Lifespan L90 at 25 °C | Number of switching cycles | Lifespan L80 at 25 °C | Capabilities | | | Certificates & standards |
|------------------------------------|-----------------------|----------------------------|-----------------------|--------------|----------|--------------------|--------------------------|
| | | | | Adjustable | Dimmable | Type of connection | Protection class |
| SPOT LED 83 8 W 3000 K IP20 ADJ WT | 20000 h | 100000 | 40000 h | | No | Terminal, 2-pin | II |
| SPOT LED 83 8 W 4000 K IP20 ADJ WT | 20000 h | 100000 | 40000 h | | No | Terminal, 2-pin | II |
| SPOT LED 68 8 W 3000 K IP44 DIM WT | 20000 h | 100000 | 40000 h | | Yes | Terminal, 2-pin | II |
| SPOT LED 68 8 W 4000 K IP44 DIM WT | 20000 h | 100000 | 40000 h | | Yes | Terminal, 2-pin | II |
| SPOT LED 68 8 W 3000 K IP44 DIM SI | 20000 h | 100000 | 40000 h | | Yes | Terminal, 2-pin | II |
| SPOT LED 68 8 W 4000 K IP44 DIM SI | 20000 h | 100000 | 40000 h | | Yes | Terminal, 2-pin | II |

| Product description | Type of protection | Protection class IK (shock resistance) | Standards |
|------------------------------------|--------------------|--|------------------------|
| SPOT LED 68 4 W 3000 K IP20 ADJ WT | IP20 | IK06 | CE/CB/TÜV SÜD/EAC/ROHS |
| SPOT LED 68 6 W 3000 K IP20 ADJ WT | IP20 | IK06 | CE/CB/TÜV SÜD/EAC/ROHS |
| SPOT LED 83 8 W 3000 K IP20 ADJ WT | IP20 | IK06 | CE/CB/TÜV SÜD/EAC/ROHS |
| SPOT LED 83 8 W 4000 K IP20 ADJ WT | IP20 | IK06 | CE/CB/TÜV SÜD/EAC/ROHS |
| SPOT LED 68 8 W 3000 K IP44 DIM WT | IP44 | IK06 | CE/CB/TÜV SÜD/EAC/ROHS |

| Product description | Type of protection | Protection class IK (shock resistance) | Standards |
|------------------------------------|--------------------|--|------------------------|
| SPOT LED 68 8 W 4000 K IP44 DIM WT | IP44 | IK06 | CE/CB/TÜV SÜD/EAC/ROHS |
| SPOT LED 68 8 W 3000 K IP44 DIM SI | IP44 | IK06 | CE/CB/TÜV SÜD/EAC/ROHS |
| SPOT LED 68 8 W 4000 K IP44 DIM SI | IP44 | IK06 | CE/CB/TÜV SÜD/EAC/ROHS |

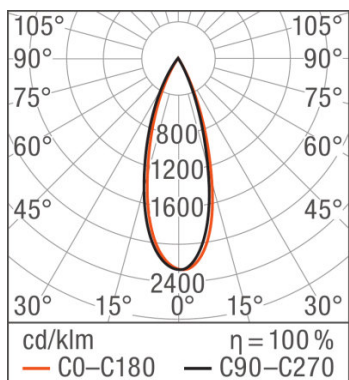


SPOT LED 68 4 W 3000 K IP20 ADJ WT,
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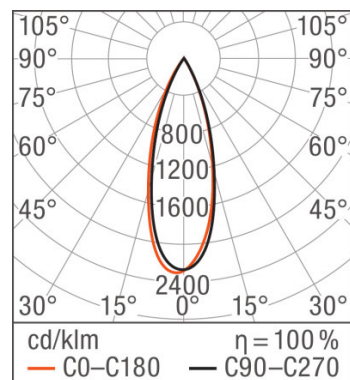
SPOT LED 83 8 W 3000 K IP20 ADJ WT,
SPOT LED 83 8 W 4000 K IP20 ADJ WT

SPOT LED 68 4 W 3000 K IP20 ADJ WT

SPOT LED 68 6 W 3000 K IP20 ADJ WT



SPOT LED 83 8 W 3000 K IP20 ADJ WT



SPOT LED 83 8 W 4000 K IP20 ADJ WT

APPLICATION ADVICE

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

LOGISTICAL DATA

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|------------------------------------|------------------------------|--------------------------------------|-----------------------|--------------|
| 4058075000124 | SPOT LED 68 4 W 3000 K IP20 ADJ WT | Shipping carton box 30 | 575 mm x 230 mm x 225 mm | 29.76 dm ³ | 6808.00 g |

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|------------------------------------|------------------------------|--------------------------------------|-----------------------|--------------|
| 4058075000148 | SPOT LED 68 6 W 3000 K IP20 ADJ WT | Shipping carton box 30 | 575 mm x 230 mm x 225 mm | 29.76 dm ³ | 6818.00 g |
| 4058075000162 | SPOT LED 83 8 W 3000 K IP20 ADJ WT | Shipping carton box 20 | 550 mm x 220 mm x 200 mm | 24.20 dm ³ | 5746.00 g |
| 4058075000186 | SPOT LED 83 8 W 4000 K IP20 ADJ WT | Shipping carton box 20 | 550 mm x 220 mm x 200 mm | 24.20 dm ³ | 5736.00 g |
| 4058075811256 | SPOT LED 68 8 W 3000 K IP44 DIM WT | Shipping carton box 27 | 440 mm x 320 mm x 360 mm | 50.69 dm ³ | 10.08 g |
| 4058075811270 | SPOT LED 68 8 W 4000 K IP44 DIM WT | Shipping carton box 27 | 440 mm x 320 mm x 360 mm | 50.69 dm ³ | 10.08 g |
| 4058075811294 | SPOT LED 68 8 W 3000 K IP44 DIM SI | Shipping carton box 27 | 440 mm x 320 mm x 360 mm | 50.69 dm ³ | 10.08 g |
| 4058075811317 | SPOT LED 68 8 W 4000 K IP44 DIM SI | Shipping carton box 27 | 440 mm x 320 mm x 360 mm | 50.69 dm ³ | 10.08 g |

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

DISCLAIMER

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