

# PRODUCT DATASHEET

## SPOT MULTI 2 x 30W 4000K FL WT/BK

SPOT MULTI 2x30W | Recessed mounted spotlight, swivelable with two spot



### Areas of application

- Accent- and general lighting for all kind of salesrooms
- Fashion shops, accessories shops
- Shops, boutiques
- Hotel rooms
- Cafés

### Product benefits

- Low flicker light thanks to special electronic control gear
- High luminous efficacy
- Covering against other ceiling installations thanks to closed sheet steel housing
- Easy replacement of external driver thanks to plug with bayonet lock
- Functional and minimalistic design
- 5 years guarantee

### Product features

- Large faceted reflector for high light output
- Beam angle: 38°
- Gimbal adjustment angle: +/- 25°



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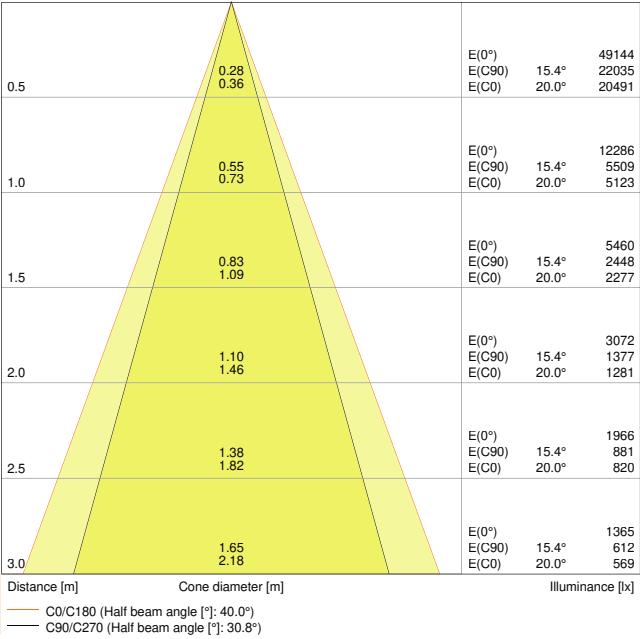
## TECHNICAL DATA

### Electrical data

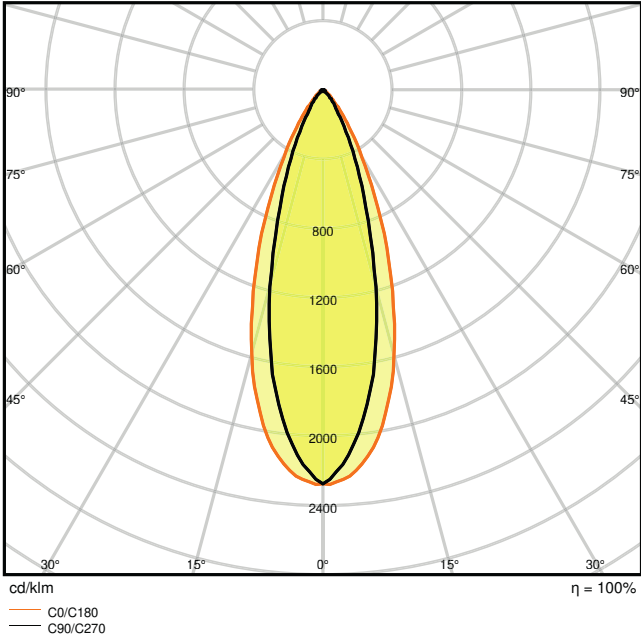
|                                                             |                     |
|-------------------------------------------------------------|---------------------|
| Nominal wattage                                             | 2*30 W              |
| Nominal voltage                                             | 220...240 V         |
| Mains frequency                                             | 50...60 Hz          |
| Nominal current                                             | 270 mA              |
| Inrush current                                              | 46 A                |
| Inrush current time $T_{h50}$                               | < 3.4 $\mu$ s       |
| Max. number of luminaires per miniature circuit breaker B16 | 16                  |
| Max. number of luminaires per miniature circuit breaker C10 | 13                  |
| Max. number of luminaires per miniature circuit breaker C16 | 20                  |
| Power factor $\lambda$                                      | $\geq 0.90$         |
| Total harmonic distortion                                   | < 15 %              |
| Protection class                                            | II                  |
| Operating mode                                              | External LED driver |

### Photometrical data

|                                              |                           |
|----------------------------------------------|---------------------------|
| Luminous flux                                | 2*2700 lm                 |
| Luminous efficacy                            | 90 lm/W                   |
| Color temperature                            | 4000 K                    |
| Light color (designation)                    | Cool White                |
| Color rendering index Ra                     | > 80                      |
| Standard deviation of color matching         | $\leq 4$ sdc <sub>m</sub> |
| Luminous intensity                           | -                         |
| Low flicker                                  | Yes                       |
| Flickering metric (Pst LM)                   | -                         |
| Stroboscope effect metric (SVM)              | -                         |
| Photobiological safety group acc. to EN62778 | RG1                       |
| Beam angle                                   | 38 °                      |



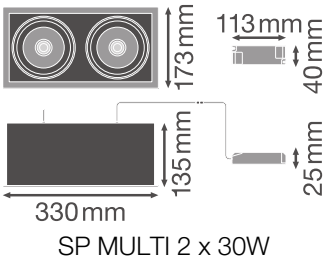
SP MULTI 2 x 30W4000K FL WT



SP MULTI 2 x 30W4000K FL WT

Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 330.00 mm |
| Width          | 173.00 mm |
| Height         | 135.00 mm |
| Product weight | 2700.00 g |



Materials & Colors

|               |       |
|---------------|-------|
| Product color | White |
| Housing color | White |

|                                            |                               |
|--------------------------------------------|-------------------------------|
| Body material                              | Aluminum                      |
| Cover material                             | Polymethylmethacrylate (PMMA) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C                        |

### Application & Mounting

|                                        |                              |
|----------------------------------------|------------------------------|
| Ambient temperature range              | -10...+40 °C                 |
| Type of connection                     | Screw terminal, 2-Pole (L,N) |
| Type of protection                     | IP20                         |
| Protection class IK (shock resistance) | IK03                         |
| Dimmable                               | No                           |
| Mounting type                          | Recessed                     |
| Mounting location                      | Ceiling                      |
| Application environment                | Indoor                       |
| Mounting length                        | 320 mm                       |
| Mounting width                         | 160 mm                       |
| Mounting depth                         | 250 mm                       |
| Adjustable                             | Yes                          |
| LED module replaceable                 | Not replaceable              |
| With light source                      | Yes                          |

### Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 50000 h <sup>1)</sup> |
| Lifespan L80/B10 at 25 °C  | 45000 h <sup>1)</sup> |
| Lifespan L90/B10 at 25 °C  | 30000 h               |
| Number of switching cycles | 50000                 |

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Control gear

|              |        |
|--------------|--------|
| ECG - Length | 113 mm |
| ECG - Width  | 40 mm  |
| ECG - Height | 25 mm  |

### Certificates & Standards

|                                                      |                                 |
|------------------------------------------------------|---------------------------------|
| Standards                                            | CE / CB / ENEC / TÜV SÜD / RoHS |
| Luminaire with limited surface temperature, "D sign" | No                              |
| Ball shot safe                                       | No                              |

## EQUIPMENT / ACCESSORIES

– Driver included

## DOWNLOAD DATA

| Documents and certificates                                                         |                                 | Document name                                 |
|------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------|
|    | User Instruction                | UI Spot Multi                                 |
|    | On-Pack-Info                    | Legal Insert Spot LED                         |
|    | Legal information               | LSI SP MULTI                                  |
|    | Legal information               | Informationstext 18 Abs 4 ElektroG            |
|    | Declarations of conformity      | EU Declaration of Conformity Spot Multi LEDV  |
|   | Declarations of conformity      | Attestation-of-Conformity SP SQ and Multi TÜV |
|  | Declarations Of Conformity UKCA | SP MULTI FL / SP SQUARE DK ADJ FL             |
| Photometric and lighting design files                                              |                                 | Document name                                 |
|  | IES file (IES)                  | SP MULTI 2 x 30W4000K FL WT                   |
|  | LDT file (Eulumdat)             | SP MULTI 2 x 30W4000K FL WT                   |
|  | ULD file (DIALux)               | SPOTMULTI2x30W4000KFLWTBK                     |
|  | ROLF file (RELUX)               | SP MULTI 2X30W-4000K                          |
|  | UGR file (UGR table)            | SP MULTI 2 x 30W4000K FL WT                   |
|  | LDC typ cone                    | SP MULTI 2 x 30W4000K FL WT                   |
|  | LDC typ polar                   | SP MULTI 2 x 30W4000K FL WT                   |
| CAD/BIM files                                                                      |                                 | Document name                                 |
|  | BIM_Revit_3D                    | Spot Multi                                    |

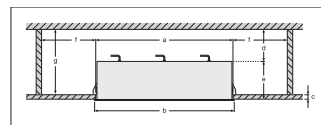
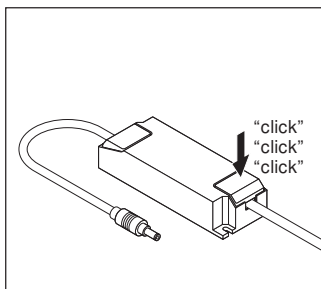
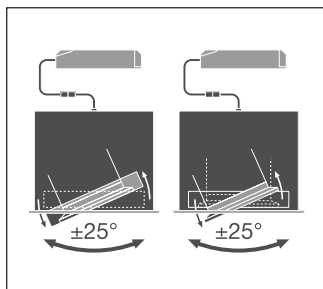
| CAD/BIM files                                                                    |                  | Document name                     |
|----------------------------------------------------------------------------------|------------------|-----------------------------------|
|  | CAD_STEP_3D      | SP MULTI 2x30W                    |
| Tender texts                                                                     |                  | Document name                     |
|  | Tender documents | SPOT MULTI 2x30W 4000K FL WTBK-EN |

## LOGISTICAL DATA

| Product code   | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|----------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 40580751 13985 | Folding box<br>1             | 210 mm x 355 mm x 175 mm             | 2810.00 g    | 13.05 dm <sup>3</sup> |
| 40580751 13992 | Shipping box<br>4            | 730 mm x 220 mm x 355 mm             | 11996.00 g   | 57.01 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)

## DISCLAIMER

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