

**Order No.:** 51DH11B73FF22 | **GTIN (EAN):** 4058352107270

**Product description:** Lun11mnRdSp,rec,nrrw,2780lm830,0/1,5p,sr



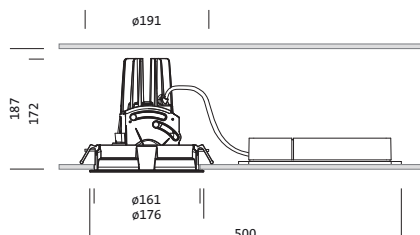
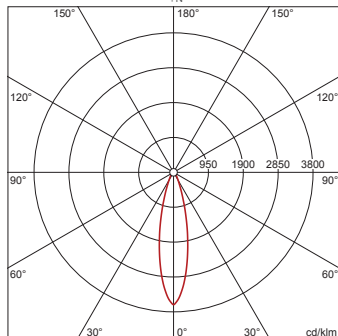
Lunis 11 mini round, Spot, downlight, LED rated luminous flux: 2.780lm, light colour: 830, with terminal, 5-pole, mains connection: 220..230V, AC, 50/60Hz, LED module, luminaire module, of diecast aluminium, coated, silver, diameter: 176mm, clamping range: 1..40mm, recessing ring, round, of PC, traffic white (RAL 9016), protection rating (complete): IP20, insulation class (complete): insulation class II (safety insulation), certification: CE, permissible ambient temperature for indoor applications: 0..+35°C, packaging unit: 1 piece

IP 20  

Lamps: LED  
Wt. (kg): 0.9  
GTIN (EAN): 4058352107270

4058352107270  
51DH11B73FF22

LED 3000K / CRI ≥ 80  $\Phi_{Hv}$  2780 lm



It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))

Tolerances related to thermal, electrical and photometric data according to IEC 62722

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**Order No.:** 51DH11B73FF22 | **GTIN (EAN):** 4058352107270

**Detailed technical description:** Lun11mnRdSp,rec,nrrw,2780lm830,0/1,5p,sr



#### Key data

- Product type: downlight
- Product name: Lunis 11 mini round Spot
- Order No.: 51DH11B73FF22

#### Lighting technology | Lamps | Control gear

##### Component 1

#### Lighting technology:

- Beam angle: narrow distribution
- UGR viewing direction along lateral luminaire axis:  $\leq 19$

#### Lamps:

- Lamps: with High Power LED, LED
- Rated luminous flux: 2780lm
- Luminous efficacy: 102lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI  $> 80$
- Light colour: 830
- SDCM (Standard Deviation of Colour Matching): MacAdam  $\leq 3$  SDCM (initial)
- Rated input power: 27W

#### Operating device:

- Control: ON/OFF

#### Certificates, Standards

- Protection rating: IP20
- Insulation class: insulation class II (safety insulation)
- Temperature range (operation): 0...+35°C
- Certification, designation: CE

#### Material, Colour

- LED module: diecast aluminium, coated, silver
- luminaire module: diecast aluminium, coated, silver
- Colour specification: silver
- recessing ring: PC, traffic white (RAL 9016), round
- Colour specification: traffic white (RAL 9016)

#### Mounting

- Mounting method, mounting location: recessed, in the ceiling
- Ø of ceiling cut-out: 162mm
- Clamping range: 1..40mm
- Arrangement: single arrangement

#### Electrical connection

- Connection: terminal, 5-pole
- Nominal voltage: 220..230V, 50/60Hz, AC

#### Dimensions, Weight

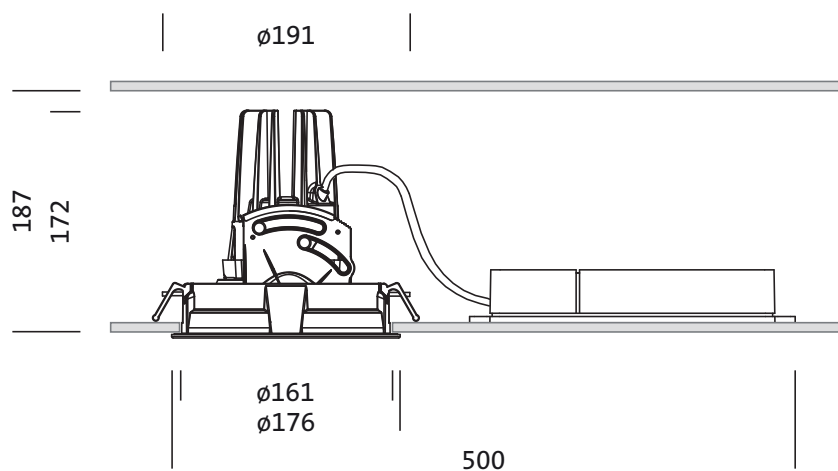
- Diameter: 176mm
- Height: 175mm
- Weight: 0.9kg

#### Service life

- Rated service life: 50000h (L85/B50) at AT = 25°C

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**Dimensions:** Lun11mnRdSp,rec,nrrw,2780lm830,0/1,5p,sr



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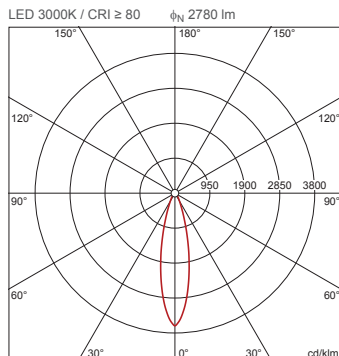
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**Planning data:** Lun11mnRdSp,rec,nrrw,2780lm830,0/1,5p,sr

**51DH11B73FF22: 1x LED**  
**3000K / CRI ≥ 80**

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51DH11B73FF22



$I_{max}$  3605 cd/klm at  $\gamma$  0°

Luminance values (cd/m²)

C 0/180  
L80 0  
L70 0  
L65 0

UGR 14.8 14.8  
X 4H Y 8H  $\rho$  70/50/20 S 0.25H

| H(m) | $\phi$ (m) | $E_{max}(lx)$ | $E_m(lx)$ |
|------|------------|---------------|-----------|
| 2    | 0.87       | 2505          | 1918      |
| 3    | 1.31       | 1113          | 853       |
| 4    | 1.74       | 626           | 480       |
| 5    | 2.18       | 401           | 307       |
| 6    | 2.62       | 278           | 213       |

No. of luminaires in room

Reflection factors 70/50/20

| Em(k)              | 100 |     | 200 |     | 500 |     |
|--------------------|-----|-----|-----|-----|-----|-----|
| Lh(m)              | 2.5 | 3.0 | 2.5 | 3.0 | 2.5 | 3.0 |
| 20 m <sup>2</sup>  | 0.7 | 0.8 | 1.3 | 1.6 | 3.4 | 3.9 |
| 30 m <sup>2</sup>  | 1.8 | 1.6 | 3.6 | 3.1 | 9.1 | 7.9 |
| 40 m <sup>2</sup>  | 2.0 | 1.8 | 3.9 | 3.7 | 9.8 | 9.1 |
| 50 m <sup>2</sup>  | 2.6 | 2.3 | 5.2 | 4.7 | 13  | 12  |
| 75 m <sup>2</sup>  | 4.3 | 3.7 | 8.6 | 7.4 | 22  | 19  |
| 100 m <sup>2</sup> | 4.9 | 4.5 | 9.7 | 8.9 | 24  | 22  |
| 500 m <sup>2</sup> | 23  | 21  | 46  | 42  | 115 | 106 |

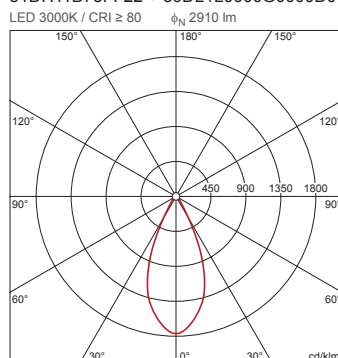
Maintenance factor 0.8

Rh = Lh

**51DH11B73FF22 +**  
**59DL1L0000G0000D0: 1x**  
**LED 3000K / CRI ≥ 80**

4058352107270 + 4058352030165

51DH11B73FF22 + 59DL1L0000G0000D0



$I_{max}$  1764 cd/klm at  $\gamma$  0°

Luminance values (cd/m²)

C 0/180  
L80 0  
L70 0  
L65 0

UGR 14.7 14.7  
X 4H Y 8H  $\rho$  70/50/20 S 0.25H

| H(m) | $\phi$ (m) | $E_{max}(lx)$ | $E_m(lx)$ |
|------|------------|---------------|-----------|
| 2    | 1.66       | 1284          | 969       |
| 3    | 2.49       | 571           | 431       |
| 4    | 3.31       | 321           | 242       |
| 5    | 4.14       | 205           | 155       |
| 6    | 4.97       | 143           | 108       |

No. of luminaires in room

Reflection factors 70/50/20

| Em(lx) | 100 |     | 200 |     | 500 |     |
|--------|-----|-----|-----|-----|-----|-----|
| Lh(m)  | 2.5 | 3.0 | 2.5 | 3.0 | 2.5 | 3.0 |
| 20 m²  | 0.8 | 0.8 | 1.5 | 1.7 | 3.9 | 4.2 |
| 30 m²  | 1.3 | 1.2 | 2.6 | 2.4 | 6.4 | 6.0 |
| 40 m²  | 1.6 | 1.6 | 3.2 | 3.3 | 7.9 | 8.1 |
| 50 m²  | 2.0 | 2.0 | 4.0 | 4.0 | 10  | 9.9 |
| 75 m²  | 3.1 | 2.9 | 6.2 | 5.8 | 16  | 14  |
| 100 m² | 3.9 | 3.9 | 7.8 | 7.8 | 19  | 20  |
| 500 m² | 19  | 19  | 38  | 38  | 94  | 95  |

Maintenance factor 0.8

Rh = Lh

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