

**Order No.:** 51DH11CD4FF22 | **GTIN (EAN):** 4058352107522

**Product description:** Lun11mnRdSp,rec,nrrw,3220lm830,DA,5p,sr



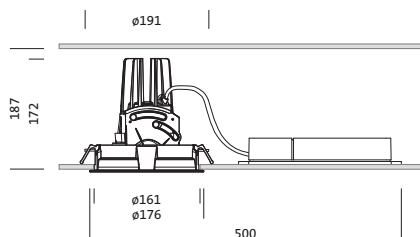
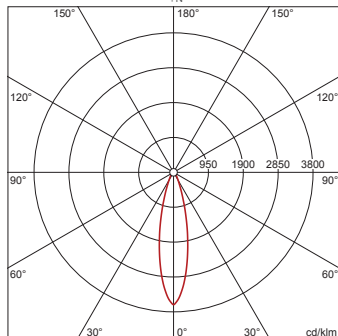
Lunis 11 mini round, Spot, downlight, LED rated luminous flux: 3.220lm, light colour: 830, with terminal, 5-pole, mains connection: 220..230V, AC, 50/60Hz, LED module, luminaire module, of diecast aluminium, coated, silver, diameter: 176mm, clamping range: 1..40mm, recessing ring, round, of PC, traffic 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): 4058352107522

4058352107522  
51DH11CD4FF22

LED 3000K / CRI ≥ 80  $\Phi_{N}$  3220 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.:** 51DH11CD4FF22 | **GTIN (EAN):** 4058352107522

**Detailed technical description:** Lun11mnRdSp,rec,nrrw,3220lm830,DA,5p,sr



#### Key data

- Product type: downlight
- Product name: Lunis 11 mini round Spot
- Order No.: 51DH11CD4FF22

#### 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 LED
- Rated luminous flux: 3220lm
- Luminous efficacy: 94lm/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: 34W

#### Operating device:

- Control: DALI

#### 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

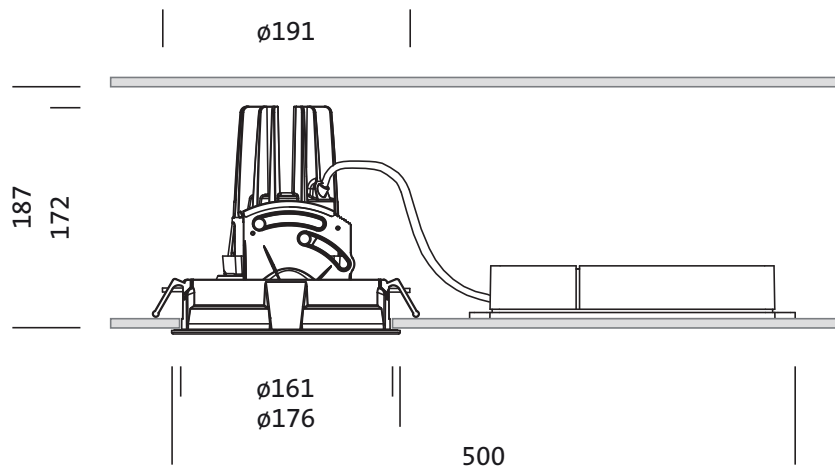
- Diameter: 176mm
- Height: 175mm
- Weight: 0.9kg

#### Service life

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

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**Dimensions:** Lun11mnRdSp,rec,nrrw,3220lm830,DA,5p,sr



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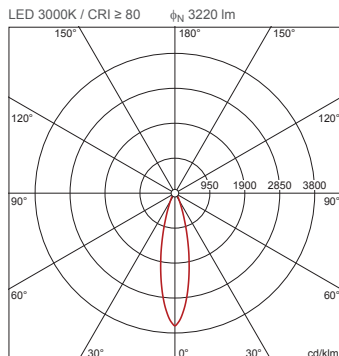
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Planning data: Lun11mnRdSp,rec,nrrw,3220lm830,DA,5p,sr

**51DH11CD4FF22: 1x LED**  
**3000K / CRI ≥ 80**

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51DH11CD4FF22



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

Luminance values (cd/m²)

C 0/180  
L80 0  
L70 0  
L65 0

UGR 15.3 15.3  
X 4H Y 8H  $\rho$  70/50/20 S 0.25H

| H(m) | $\phi$ (m) | $E_{max}(lx)$ | $E_m(lx)$ |
|------|------------|---------------|-----------|
| 2    | 0.87       | 2902          | 2222      |
| 3    | 1.31       | 1290          | 988       |
| 4    | 1.74       | 725           | 556       |
| 5    | 2.18       | 464           | 356       |
| 6    | 2.62       | 322           | 247       |

No. of luminaires in room

Reflection factors 70/50/20

| $E_m(lx)$ | 100     | 200     | 500     |
|-----------|---------|---------|---------|
| Lh(m)     | 2.5 3.0 | 2.5 3.0 | 2.5 3.0 |
| 20 m²     | 0.6 0.7 | 1.2 1.3 | 2.9 3.3 |
| 30 m²     | 1.6 1.4 | 3.1 2.7 | 7.9 6.8 |
| 40 m²     | 1.7 1.6 | 3.4 3.2 | 8.5 7.9 |
| 50 m²     | 2.2 2.0 | 4.5 4.0 | 11 10   |
| 75 m²     | 3.7 3.2 | 7.5 6.4 | 19 16   |
| 100 m²    | 4.2 3.8 | 8.4 7.7 | 21 19   |
| 500 m²    | 20 18   | 40 36   | 99 91   |

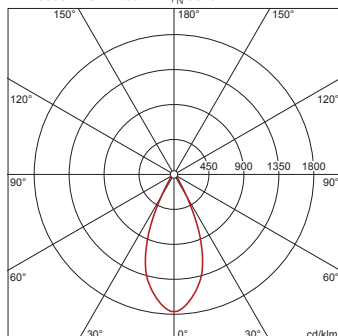
Maintenance factor 0.8

Rh = Lh

**51DH11CD4FF22 +**  
**59DL1L0000G0000D0: 1x**  
**LED 3000K / CRI ≥ 80**

4058352107522 + 4058352030165

51DH11CD4FF22 + 59DL1L0000G0000D0  
LED 3000K / CRI ≥ 80  $\phi_N$  3370 lm



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

Luminance values (cd/m²)

C 0/180  
L80 0  
L70 0  
L65 0

UGR 15.2 15.2  
X 4H Y 8H  $\rho$  70/50/20 S 0.25H

| H(m) | $\phi$ (m) | $E_{max}(lx)$ | $E_m(lx)$ |
|------|------------|---------------|-----------|
| 2    | 1.66       | 1487          | 1122      |
| 3    | 2.49       | 661           | 499       |
| 4    | 3.31       | 372           | 280       |
| 5    | 4.14       | 238           | 179       |
| 6    | 4.97       | 165           | 125       |

No. of luminaires in room

Reflection factors 70/50/20

| $E_m(lx)$ | 100     | 200     | 500     |
|-----------|---------|---------|---------|
| Lh(m)     | 2.5 3.0 | 2.5 3.0 | 2.5 3.0 |
| 20 m²     | 0.7 0.7 | 1.3 1.5 | 3.3 3.7 |
| 30 m²     | 1.1 1.0 | 2.2 2.1 | 5.5 5.2 |
| 40 m²     | 1.4 1.4 | 2.7 2.8 | 6.8 7.0 |
| 50 m²     | 1.7 1.7 | 3.5 3.4 | 8.7 8.6 |
| 75 m²     | 2.7 2.5 | 5.4 5.0 | 13 12   |
| 100 m²    | 3.4 3.4 | 6.7 6.8 | 17 17   |
| 500 m²    | 16 16   | 32 33   | 81 82   |

Maintenance factor 0.8

Rh = Lh

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