

Order No.: 51DH11CD3FF22 | **GTIN (EAN):** 4058352107515

Product description: Lun11mnRdSp,rec,nrrw,2780lm830,DA,5p,sr



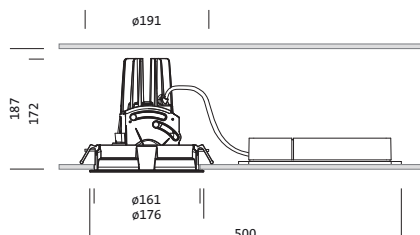
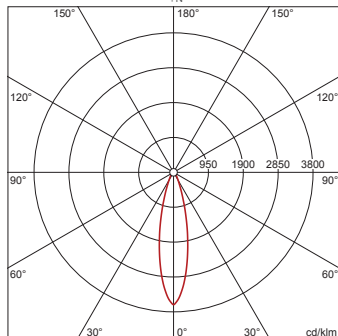
Lunis 11 mini round, Spot, downlight, LED rated luminous flux: 2.780lm, light colour: 830, with terminal, 5-pole, mains connection: 220..230V, AC, 50/60Hz, LED module, luminaire module, of diecast aluminium, coated, silver, diameter: 176mm, clamping range: 1..40mm, recessing ring, round, of PC, traffic 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): 4058352107515

4058352107515
51DH11CD3FF22

LED 3000K / CRI ≥ 80 $\Phi_{N\lambda}$ 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)

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

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Detailed technical description: Lun11mnRdSp,rec,nrrw,2780lm830,DA,5p,sr



Key data

- Product type: downlight
- Product name: Lunis 11 mini round Spot
- Order No.: 51DH11CD3FF22

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:

- Beam angle: narrow distribution
- UGR viewing direction along lateral luminaire axis: ≤ 19

Lamps:

- Lamps: with LED
- Rated luminous flux: 2780lm
- Luminous efficacy: 103lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 80
- Light colour: 830
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 3 SDCM (initial)
- Rated input power: 27W

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

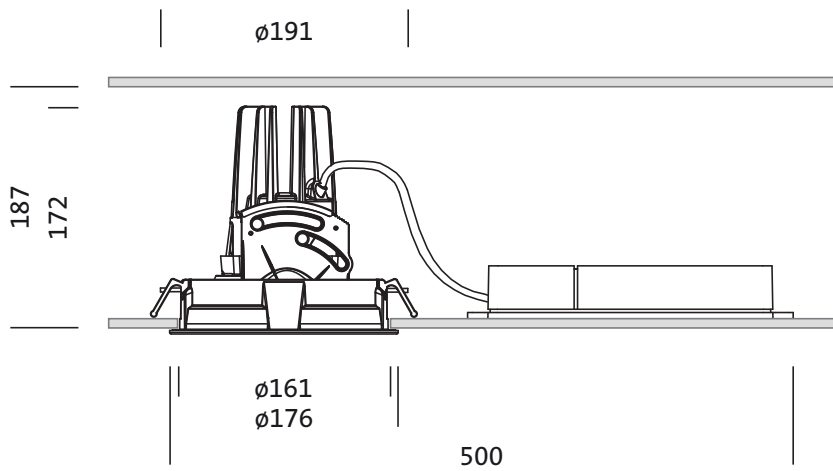
- Diameter: 176mm
- Height: 175mm
- Weight: 0.9kg

Service life

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

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Dimensions: Lun11mnRdSp,rec,nrrw,2780lm830,DA,5p,sr



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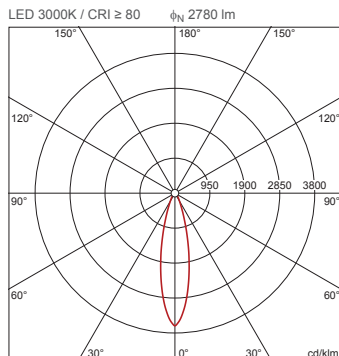
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Planning data: Lun11mnRdSp,rec,nrrw,2780lm830,DA,5p,sr

51DH11CD3FF22: 1x LED
3000K / CRI ≥ 80

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51DH11CD3FF22



I_{max} 3605 cd/klm at γ 0°

Luminance values (cd/m²)

C 0/180
L80 0
L70 0
L65 0

UGR 14.8 14.8
X 4H Y 8H ρ 70/50/20 S 0.25H

H(m)	ϕ (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

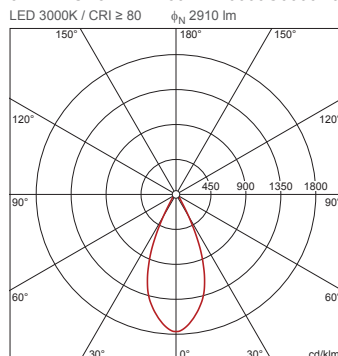
Reflection factors	70/50/20					
$E_m(lx)$	100		200		500	
Lh(m)	2.5	3.0	2.5	3.0	2.5	3.0
20 m²	0.7	0.8	1.3	1.6	3.4	3.9
30 m²	1.8	1.6	3.6	3.1	9.1	7.9
40 m²	2.0	1.8	3.9	3.7	9.8	9.1
50 m²	2.6	2.3	5.2	4.7	13	12
75 m²	4.3	3.7	8.6	7.4	22	19
100 m²	4.9	4.5	9.7	8.9	24	22
500 m²	23	21	46	42	115	106

Maintenance factor 0.8

Rh = Lh

51DH11CD3FF22 +
59DL1L0000G0000D0: 1x
LED 3000K / CRI ≥ 80

4058352107515 + 4058352030165
51DH11CD3FF22 + 59DL1L0000G0000D0



I_{max} 1764 cd/klm at γ 0°

Luminance values (cd/m²)

C 0/180
L80 0
L70 0
L65 0

UGR 14.7 14.7
X 4H Y 8H ρ 70/50/20 S 0.25H

H(m)	ϕ (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					
$E_m(lx)$	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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