

Order No.: 51DH11CD1FF22 | **GTIN (EAN):** 4058352106891

Product description: Lun11mnRdSp,rec,nrrw,1020lm830,DA,5p,sr



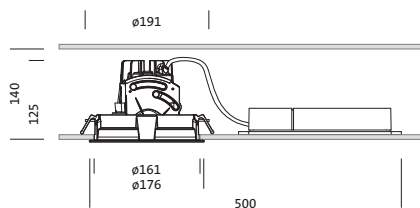
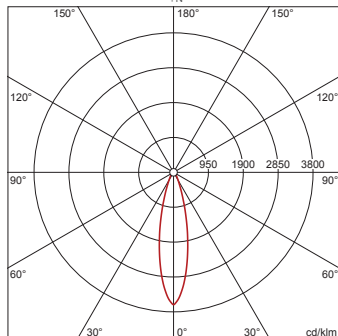
Lunis 11 mini round, Spot, downlight, LED rated luminous flux: 1.020lm, light colour: 830, with terminal, 5-pole, mains connection: 220..230V, AC, 50/60Hz, LED module, luminaire module, of diecast aluminium, coated, silver, diameter: 176mm, clamping range: 1..40mm, recessing ring, round, of PC, traffic 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): 0.7
GTIN (EAN): 4058352106891

4058352106891
51DH11CD1FF22

LED 3000K / CRI ≥ 80 Φ_{H1} 1020 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,1020lm830,DA,5p,sr



Key data

- Product type: downlight
- Product name: Lunis 11 mini round Spot
- Order No.: 51DH11CD1FF22

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: 1020lm
- Luminous efficacy: 99lm/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: 10W

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

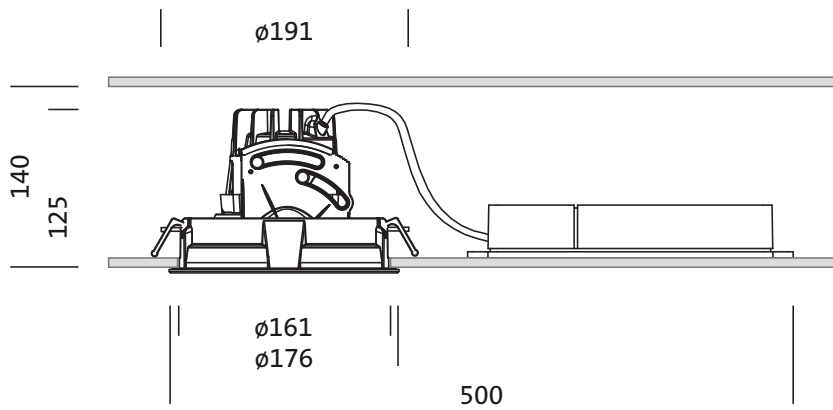
- Diameter: 176mm
- Height: 125mm
- Weight: 0.7kg

Service life

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

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Dimensions: Lun11mnRdSp,rec,nrrw,1020lm830,DA,5p,sr



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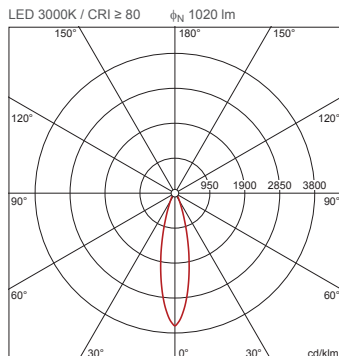
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51DH11CD1FF22: 1x LED
3000K / CRI ≥ 80

4058352106891
51DH11CD1FF22



I_{max} 3605 cd/klm at γ 0°

Luminance values (cd/m²)

C 0/180
L80 0
L70 0
L65 0

UGR 11.3 11.3
X 4H Y 8H ρ 70/50/20 S 0.25H

H(m)	ϕ (m)	$E_{max}(lx)$	$E_m(lx)$
2	0.87	919	704
3	1.31	409	313
4	1.74	230	176
5	2.18	147	113
6	2.62	102	78

No. of luminaires in room

Reflection factors 70/50/20

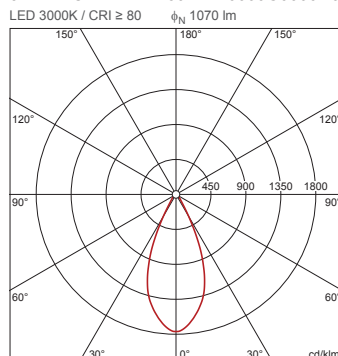
$E_m(lx)$	100	200	500
Lh(m)	2.5 3.0	2.5 3.0	2.5 3.0
20 m²	1.8 2.1	3.7 4.2	9.2 11
30 m²	5.0 4.3	9.9 8.6	25 21
40 m²	5.4 5.0	11 10.0	27 25
50 m²	7.0 6.4	14 13	35 32
75 m²	12 10	24 20	59 51
100 m²	13 12	26 24	66 61
500 m²	63 58	125 115	313 288

Maintenance factor 0.8

Rh = Lh

51DH11CD1FF22 +
59DL1L0000G0000D0: 1x
LED 3000K / CRI ≥ 80

4058352106891 + 4058352030165
51DH11CD1FF22 + 59DL1L0000G0000D0



I_{max} 1764 cd/klm at γ 0°

Luminance values (cd/m²)

C 0/180
L80 0
L70 0
L65 0

UGR 11.2 11.2
X 4H Y 8H ρ 70/50/20 S 0.25H

H(m)	ϕ (m)	$E_{max}(lx)$	$E_m(lx)$
2	1.66	472	356
3	2.49	210	158
4	3.31	118	89
5	4.14	76	57
6	4.97	52	40

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	2.1 2.3	4.2 4.6	11 12
30 m²	3.5 3.2	7.0 6.5	17 16
40 m²	4.3 4.4	8.6 8.8	22 22
50 m²	5.5 5.4	11 11	27 27
75 m²	8.5 7.8	17 16	42 39
100 m²	11 11	21 21	53 53
500 m²	51 52	102 103	255 258

Maintenance factor 0.8

Rh = Lh

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