

Order No.: 51DH11B71FG22 | **GTIN (EAN):** 4058352107737

Product description: Lun11mnRdSp,rec,nrrw,1110lm840,0/1,5p,sr



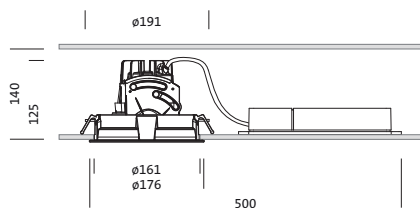
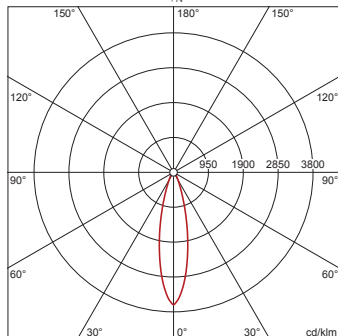
Lunis 11 mini round, Spot, downlight, LED rated luminous flux: 1.110lm, light colour: 840, with terminal, 5-pole, mains connection: 220..230V, AC, 50/60Hz, LED module, luminaire module, of diecast aluminium, coated, silver, diameter: 176mm, clamping range: 1..40mm, recessing ring, round, of PC, traffic 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
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4058352107737
51DH11B71FG22

LED 4000K / CRI ≥ 80 Φ_{H} 1110 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,1110lm840,0/1,5p,sr



Key data

- Product type: downlight
- Product name: Lunis 11 mini round Spot
- Order No.: 51DH11B71FG22

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: 1110lm
- Luminous efficacy: 107lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 80
- Light colour: 840
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 3 SDCM (initial)
- Rated input power: 10W

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

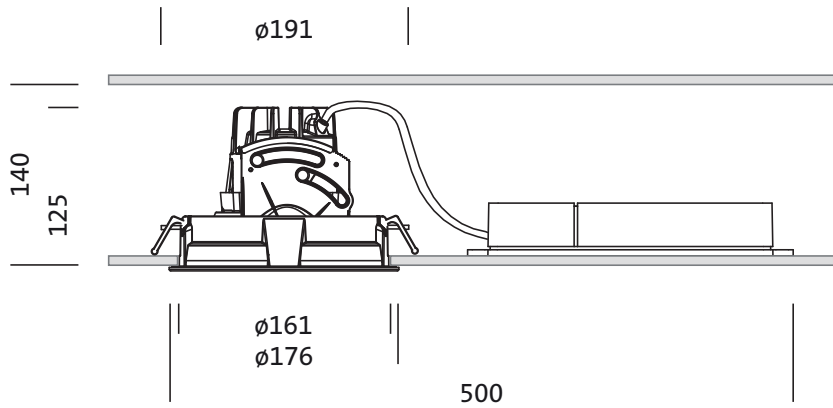
- Diameter: 176mm
- Height: 125mm
- Weight: 0.7kg

Service life

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

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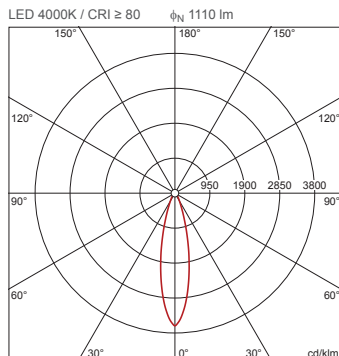
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51DH11B71FG22: 1x LED
4000K / CRI ≥ 80

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51DH11B71FG22



I_{max} 3605 cd/klm at γ 0°

Luminance values (cd/m²)

C 0/180
L80 0
L70 0
L65 0

UGR 11.6 11.6
X 4H Y 8H ρ 70/50/20 S 0.25H

H(m)	ϕ (m)	$E_{max}(lx)$	$E_m(lx)$
2	0.87	1000	766
3	1.31	445	340
4	1.74	250	191
5	2.18	160	123
6	2.62	111	85

No. of luminaires in room

Reflection factors 70/50/20

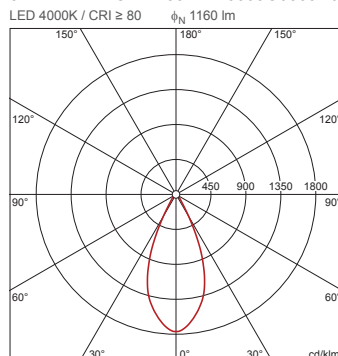
$E_m(lx)$	100	200	500
Lh(m)	2.5 3.0	2.5 3.0	2.5 3.0
20 m²	1.7 1.9	3.4 3.9	8.4 9.7
30 m²	4.6 3.9	9.1 7.9	23 20
40 m²	4.9 4.6	9.8 9.2	25 23
50 m²	6.5 5.9	13 12	32 29
75 m²	11 9.3	22 19	54 47
100 m²	12 11	24 22	61 56
500 m²	58 53	115 106	288 265

Maintenance factor 0.8

Rh = Lh

51DH11B71FG22 +
59DL1L0000G0000D0: 1x
LED 4000K / CRI ≥ 80

4058352107737 + 4058352030165
51DH11B71FG22 + 59DL1L0000G0000D0



I_{max} 1764 cd/klm at γ 0°

Luminance values (cd/m²)

C 0/180
L80 0
L70 0
L65 0

UGR 11.5 11.5
X 4H Y 8H ρ 70/50/20 S 0.25H

H(m)	ϕ (m)	$E_{max}(lx)$	$E_m(lx)$
2	1.66	512	386
3	2.49	227	172
4	3.31	128	97
5	4.14	82	62
6	4.97	57	43

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	1.9 2.1	3.9 4.3	9.7 11
30 m²	3.2 3.0	6.4 6.0	16 15
40 m²	4.0 4.1	7.9 8.2	20 20
50 m²	5.0 5.0	10 10.0	25 25
75 m²	7.8 7.2	16 14	39 36
100 m²	9.8 9.8	20 20	49 49
500 m²	47 48	94 95	236 238

Maintenance factor 0.8

Rh = Lh

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