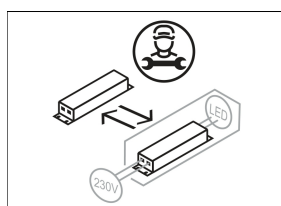
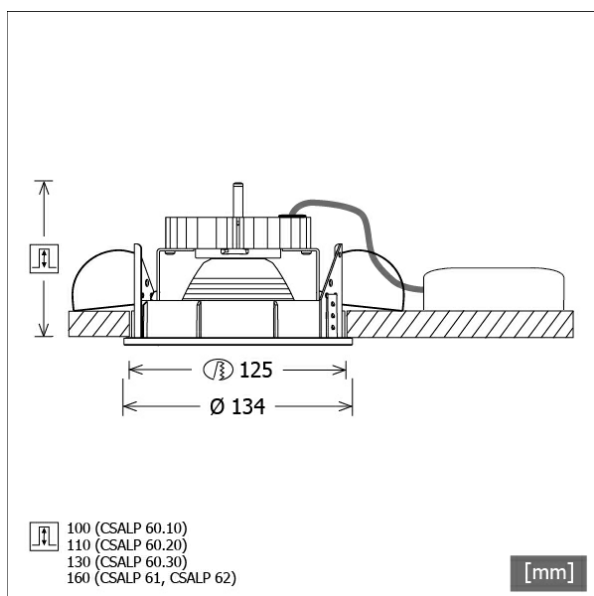


CSALP 60.1041.50



Colours	Article no.	EAN
silver	633211	4043544351821
white	633212	4043544351838
black	637529	4043544411082



Description

- recessed spotlight with wide range of applications
- luminaire rotates through 350° and pivots through 40°
- outstanding ease of maintenance
- no UV and thermal emissions
- thermal management with passive cooling (heat sink made from aluminium)
- specular aluminium reflector with precise symmetrical beam characteristic for high luminous efficiency and glare-free lighting
- front rings and recessed ring made from die-cast zinc
- tool-free ceiling mounting via quick-action clamping springs (automatic adjustment of the ceiling thickness)
- luminaire and ballast permanently connected via cable (length: 500 mm), ballast ready for mains connection
- ballast (LED converter) included (external placement)

Standard options



Special options



Lighting data / Norms

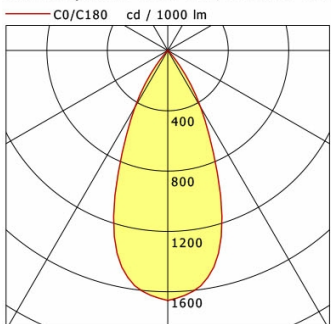
Lamps	LED Spot / CRI 80 / 4000 K
EPREL light sources	848119
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	14.0 W
Luminaire luminous flux	1470 lm
System efficiency	105.00 lm/W
Module efficiency	160.37 lm/W
UGR class	≤19
Beam angle	50°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP20

Dimensions / Weights

Outer diameter	134 mm
Height	90 mm
Cut-out (Ø)	125 mm
Ceiling thickness	1.0 - 25.0 mm
Recessed depth	100 mm
Net weight	0.94 kg
Gross weight	0.99 kg

CSALP 60.1041.50

CSA 60 (1xLED 14W 840/4000K 1470lm 50 °)



	C0	C90	C180	C270
0°	1658	1658	1658	1658
15°	1338	1338	1338	1338
30°	434	434	434	434
45°	12	12	12	12
60°	3	3	3	3
75°	3	3	3	3
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	2.51	270.8
6.0	5.01	67.7
9.0	7.52	30.1
12.0	10.03	16.9
15.0	12.53	10.8

η	LED
Efficiency	105 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	14 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	17.5
UGR C90/C270	17.5
CIE Flux Codes	98 99 100 100 100
Ra/CRI	>80

LTS

Accessories



ZDAR 125.145-205
compensation ring for ceiling cut-outs from 145 to 205 mm