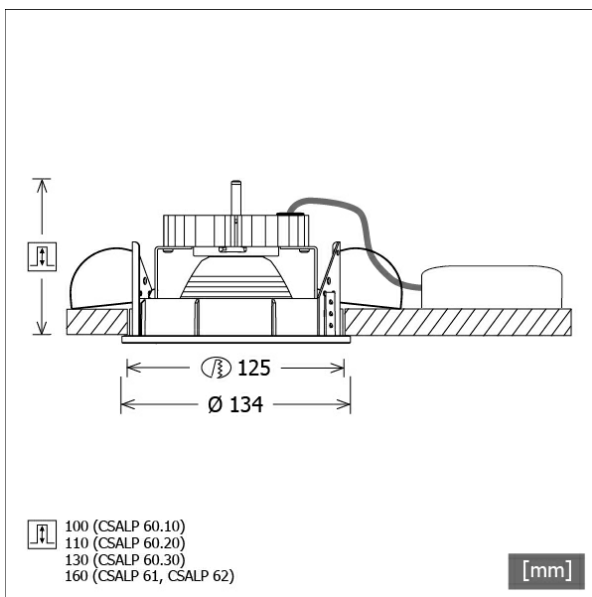


CSALP 61.20.50/B



Colours	Article no.	EAN
silver	641410	4043544436320
white	641411	4043544436443
black	641409	4043544436436



Description

- recessed spotlight for special lighting of bakery products
- 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
- clear safety glass
- 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 Bakery
EPREL light sources	832579
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	36.1 W
Luminaire luminous flux	3460 lm
System efficiency	95.84 lm/W
Module efficiency	109.90 lm/W
UGR class	≤22
Beam angle	50°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP20

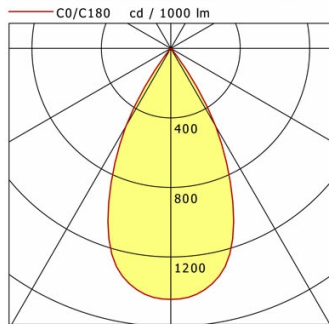
Dimensions / Weights

Outer diameter	134 mm
Height	149 mm
Cut-out (Ø)	125 mm
Ceiling thickness	1.0 - 25.0 mm
Recessed depth	160 mm
Net weight	1.29 kg
Gross weight	1.40 kg

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CSA 60 (1xLED 36W BAKERY 3460lm 50°)



	C0	C90	C180	C270
0°	1444	1444	1444	1444
15°	1266	1266	1266	1266
30°	517	517	517	517
45°	8	8	8	8
60°	4	4	4	4
75°	3	3	3	3
90°	0	0	0	0
cd / 1000 lm				

Offset [m]	Cone width [m]	Illuminance [lx]
C0-C180 Plane		
3.0	2.96	555.1
6.0	5.91	138.8
9.0	8.87	61.7
12.0	11.82	34.7
15.0	14.78	22.2

η	LED
Efficiency	96 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	36 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.5
UGR C90/C270	20.5
CIE Flux Codes	98 99 100 100 100
Ra/CRI	---

LTS

Accessories



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