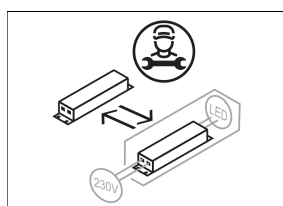
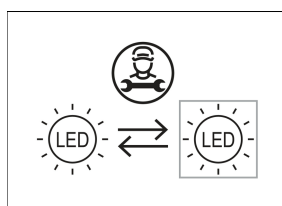
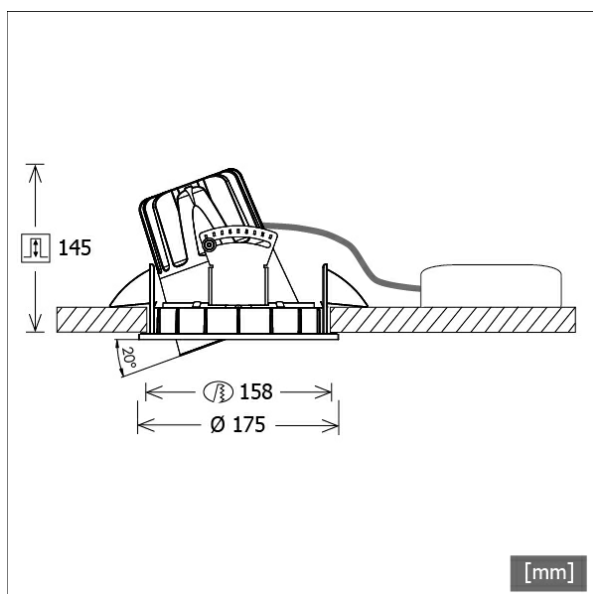


CSARL 72.20.35/B



Colours	Article no.	EAN
black	612353	4043544578266
silver	613560	4043544578273
white	613578	4043544578280



Description

- recessed spotlight for special lighting of bakery products
- light-head rotates through 355° and pivots on gimbals through 20°
- outstanding ease of maintenance
- no UV and thermal emissions
- thermal management with passive cooling (heat sink made from die-cast aluminium)
- high performance specular aluminium reflector with precise symmetrical beam characteristic for highest luminous efficiency and best glare-free lighting
- front/recessed ring and light-head 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 / CRI 82
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	3480 lm
System efficiency	96.39 lm/W
Module efficiency	109.90 lm/W
UGR class	≤22
Beam range	Flood
Beam angle	43°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP20

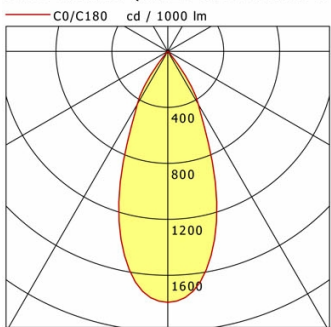
Dimensions / Weights

Outer diameter	175 mm
Height	150 mm
Cut-out (Ø)	158 mm
Ceiling thickness	1.0 - 25.0 mm
Recessed depth	145 mm
Diameter of light head	114 mm
Net weight	2.41 kg
Gross weight	2.53 kg

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CSARL 72.20.35/B

CSA 72 Round (1xLED 36W BAKERY 3480lm 35°)



	C0	C90	C180	C270
0°	1793	1793	1793	1793
15°	1326	1326	1326	1326
30°	437	437	437	437
45°	7	7	7	7
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	2.35	693.3
6.0	4.69	173.3
9.0	7.04	77.0
12.0	9.39	43.3
15.0	11.73	27.7

η	LED
Efficiency	97 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	36 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.8
UGR C90/C270	19.8
CIE Flux Codes	98 99 100 100 100
Ra/CRI	---

LTS

Accessories



ZDAR 158.200-265
compensation ring for ceiling cut-outs from 200 to 265 mm