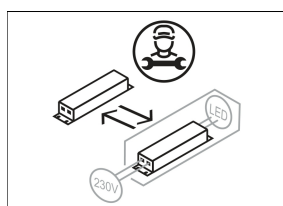
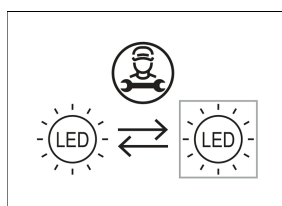
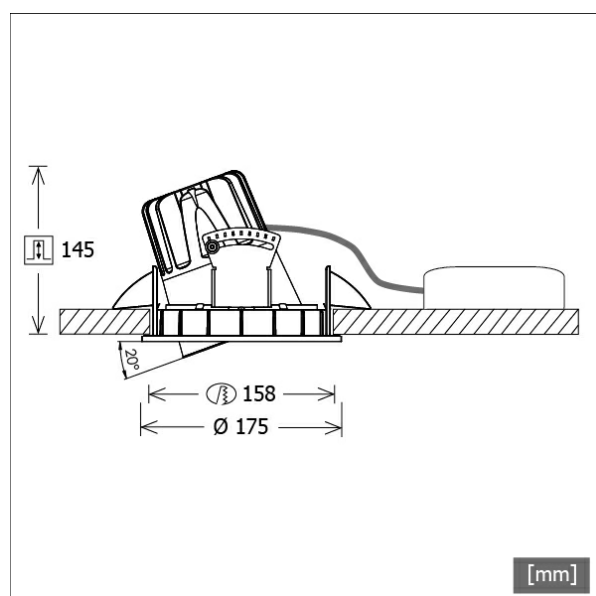


CSARL 72.2040.25



Colours	Article no.	EAN
black	633012	4043544578921
silver	633030	4043544578938
white	633031	4043544578945



Description

- recessed spotlight with wide range of applications
- 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 and reflection-free EnergyVision 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 / CRI 80 / 4000 K
EPREL light sources	857618
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	21.0 W
Luminaire luminous flux	2460 lm
System efficiency	117.14 lm/W
Module efficiency	170.60 lm/W
UGR class	≤19
Beam range	Medium Flood
Beam angle	26°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	II
Type of protection	IP20

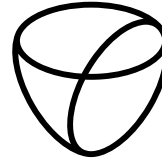
Dimensions / Weights

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	2.35 kg

Recessed Spotlights · CSA 72 Round

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Gross weight



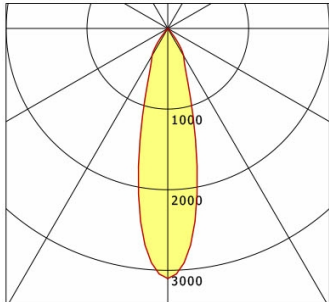
LTS
LOVE TO SHINE

2.47 kg

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CSA 72 Round (1xLED 21W 840/4000K 2460lm 25 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	3101	3101	3101	3101
15°	1272	1272	1272	1272
30°	392	392	392	392
45°	6	6	6	6
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	1.41	847.7
6.0	2.82	211.9
9.0	4.23	94.2
12.0	5.64	53.0
15.0	7.05	33.9

η	LED
Efficiency	117 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	21 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	18.1
UGR C90/C270	18.1
CIE Flux Codes	98 99 100 100 100
Ra/CRI	> 80

LTS

Accessories



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