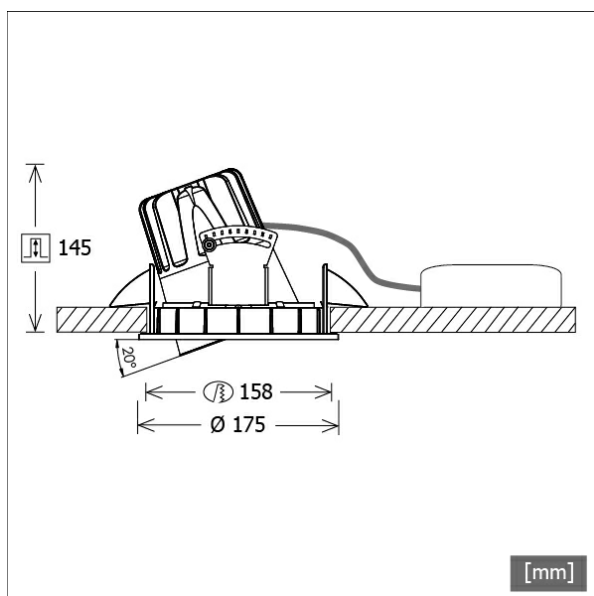


CSARL 72.5040.25



Colours	Article no.	EAN
black	643342	4043544580900
silver	643343	4043544580917
white	644775	4043544514332



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	848105
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	52.0 W
Luminaire luminous flux	5630 lm
System efficiency	108.26 lm/W
Module efficiency	167.61 lm/W
UGR class	≤22
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	2.46 kg

Recessed Spotlights · CSA 72 Round

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Gross weight



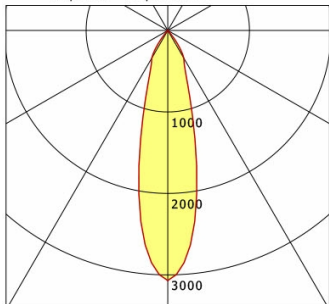
LTS
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2.55 kg

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CSA 72 Round (1xLED 52W 840/4000K 5630lm 25 °)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	3069	3069	3069	3069
15°	1232	1232	1232	1232
30°	393	393	393	393
45°	14	14	14	14
60°	10	10	10	10
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	1.39	1919.7
6.0	2.78	479.9
9.0	4.17	213.3
12.0	5.56	120.0
15.0	6.95	76.8

η	LED
Efficiency	108 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	52 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.5
UGR C90/C270	21.5
CIE Flux Codes	96 99 100 100 100
Ra/CRI	>80

LTS

Accessories



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