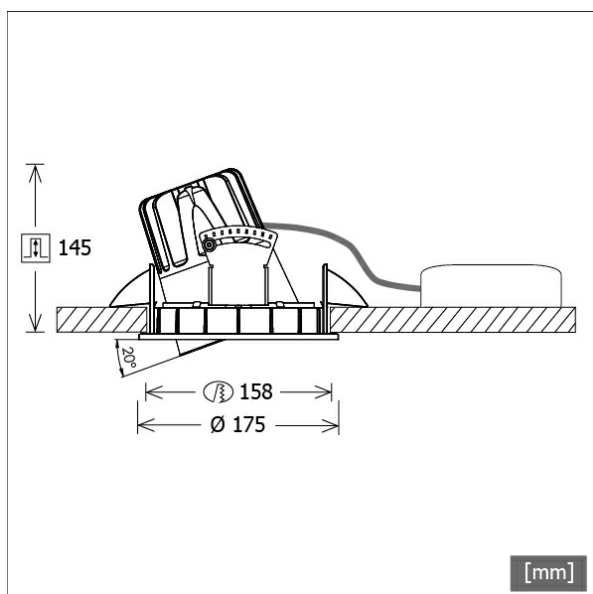


CSARL 72.3027.15



Colours	Article no.	EAN
black	650681	4043544590152
silver	650682	4043544590169
white	650683	4043544590176



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 / 2700 K
EPREL light sources	847889
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	29.0 W
Luminaire luminous flux	3100 lm
System efficiency	106.89 lm/W
Module efficiency	133.10 lm/W
UGR class	≤19
Beam range	Spot
Beam angle	19°
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	2.36 kg

Recessed Spotlights · CSA 72 Round

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Gross weight

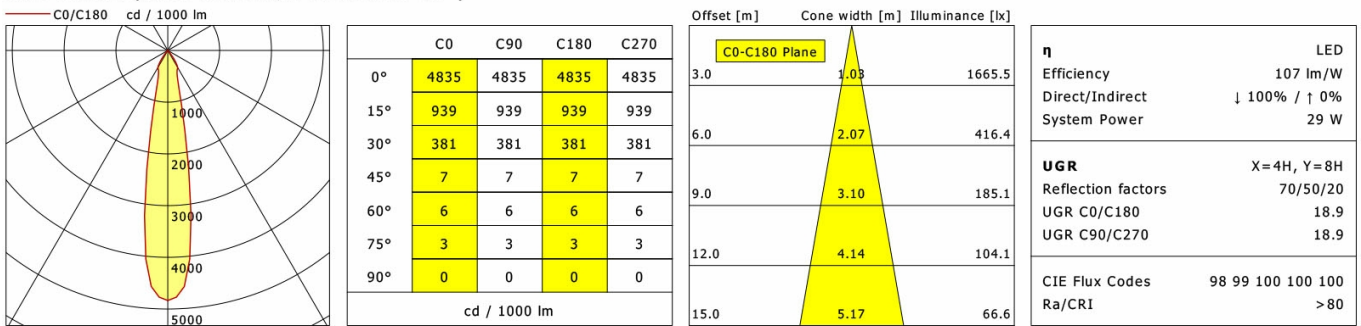


LTS
LOVE TO SHINE

2.48 kg

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CSA 72 Round (1xLED 29W 827/2700K 3100lm 15 °)



Offset [m]	Cone width [m]	Illuminance [lx]
3.0	1.03	1665.5
6.0	2.07	416.4
9.0	3.10	185.1
12.0	4.14	104.1
15.0	5.17	66.6

C0-C180 Plane

η	LED
Efficiency	107 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	29 W

UGR X=4H, Y=8H

Reflection factors	70/50/20
UGR C0/C180	18.9
UGR C90/C270	18.9

CIE Flux Codes 98 99 100 100 100

Ra/CRI	>80
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LTS

Accessories



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