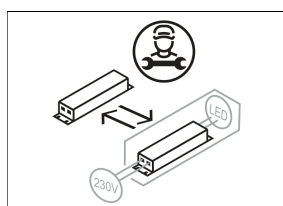
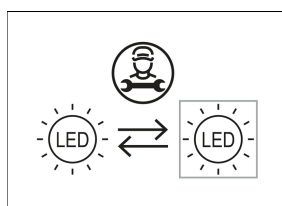
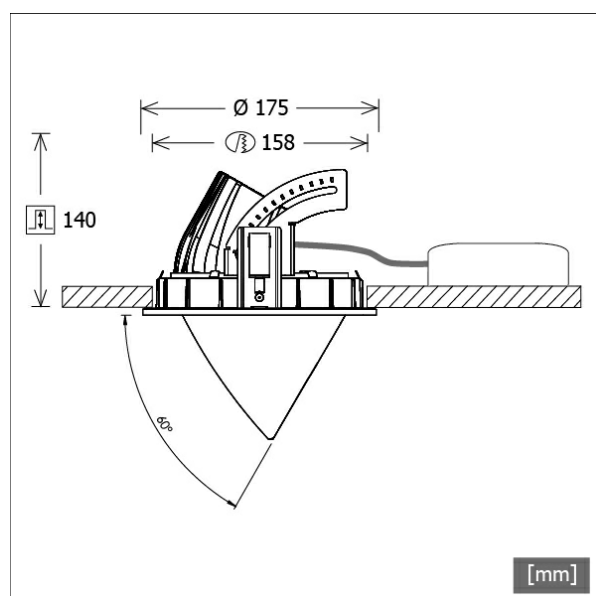


CSARL 71.2040.15/DALI



Colours	Article no.	EAN
black	650582	4043544589163
silver	650583	4043544589170
white	650584	4043544589187



Description

- recessed spotlight with conical light-head
- suitable for lighting of vertical surfaces (shadowless wall lighting up to the ceiling edge)
- light-head rotates through 355° and pivots out through 60°
- 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 (safety rope, automatic adjustment of the ceiling thickness)
- luminaire and ballast permanently connected via cable (length: 500 mm), ballast ready for mains connection
- ballast (LED converter DALI, dimmable) 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	2490 lm
System efficiency	118.57 lm/W
Module efficiency	170.60 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

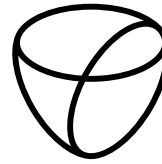
Dimensions / Weights

Outer diameter	175 mm
Height	145 mm
Cut-out (Ø)	158 mm
Ceiling thickness	1.0 - 25.0 mm

Recessed Spotlights · CSA 71 Round

CSARL 71.2040.15/DALI

Recessed depth
Diameter of light head
Net weight
Gross weight

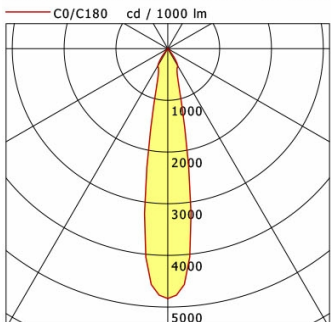


LTS
LOVE TO SHINE

140 mm
114 mm
2.64 kg
2.82 kg

CSARL 71.2040.15/DALI

CSA 71 Round (1xLED 21W 840/4000K 2490lm 15 °)



	C0	C90	C180	C270
0°	4835	4835	4835	4835
15°	939	939	939	939
30°	381	381	381	381
45°	7	7	7	7
60°	6	6	6	6
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	1.03	1337.7
6.0	2.07	334.4
9.0	3.10	148.6
12.0	4.14	83.6
15.0	5.17	53.5

η	LED
Efficiency	119 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	
Ra/CRI	98 99 100 100 100
	> 80

LTS

Accessories



ZB-OR DONGLE
Organic Response IR dongle kit



ZB-OR GATEWAY
Organic Response IoT Gateway Cascade Series



ZB-OR-R SENSOR
Organic Response sensor for recessed mounting