

SASSO 60 round adjustable

trim

048-2622014F 048-2696317 002-90771

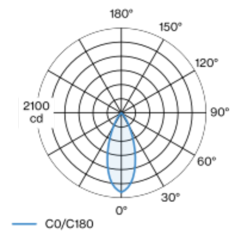


Project / Type
Notes
Count / Date

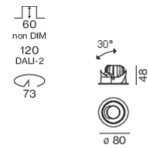


Round recessed spotlight in die-cast aluminium; 1 lamp; surface matt silver; 360° rotatable and 30° tiltable; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim traffic white; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 3000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90 ; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 40° beam; UGR ≤ 19 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m²; degree of protection from below IP40 (from above IP20); PC2; 220-240 V; incl. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling Recessed
tilt max 30°
rotation 360°
matt silver
Mounting set traffic white
front IP40 back IP20
1010 lm
fixture 95 lm/W ¹

LED

3000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R _g : 99 R _f : 90 R _{t(1-15)} : 87
MR 0.6 MDER 0.54

Optical

flood beam angle 40°
UGR ≤ 19 $\geq 65^\circ$ < 1500 cd/m ²
PstLM ≤ 1.0 ² SVM ≤ 0.4 ²

Electrical

non DIM
PC2 220-240 V
system 12.5 W fixture 10.6 W
36 Vf 300 mA

Physical

trim
diameter 80 mm height 48 mm
0.23 kg

Cutout

diameter 73 mm
min. ceiling thickness 2 mm max. ceiling thickness 25 mm
recessed depth 60 mm

¹ incl. consideration of optical losses & internal control unit losses
² Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.964	0.923	0.884	0.847	0.811
LSF	1	1	1	1	1
MF	LMF × RSMF × LLMF × LSF		RSMF ^a Room Surface Maintenance Factor		
MF	Maintenance Factor		LLMF Lamp Lumens Maintenance Factor		
LMF ^a	Luminaire Maintenance Factor		LSF Lamp Survival Factor		

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

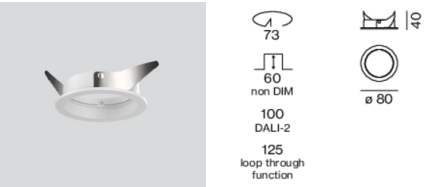
Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	43
B13	55
B16	68
B20	85
C10	72
C13	94
C16	116
C20	145

Components

MOUNTING SET with trim 1 lamp

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	traffic white	80	048-2696317



POWER SUPPLY

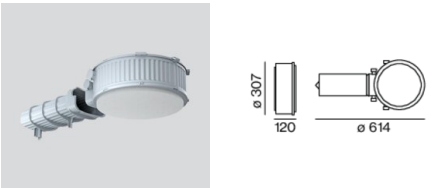
L-W-H (MM)	ARTICLE NUMBER(S)
85-40-22	002-90771



Mounting accessories

PRIMED CONCRETE MOUNTING HOUSING

L-W-H (MM)	ARTICLE NUMBER(S)
614-307-120	048-2695110



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Optional electrical accessories

DIN RAIL LED DRIVER

L-W-H (MM)	ARTICLE NUMBER(S)
36-88-59	005-6121030



DIN RAIL POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
72-90-63	005-6520210



Optional electrical accessories

POWER SUPPLY PRE-WIRED with junction box

ARTICLE NUMBER(S)
002-90790A
002-90748A
002-90771A
002-90742A



Optional electrical accessories

POWER SUPPLY PRE-WIRED with loop through function

L-W-H (MM)	ARTICLE NUMBER(S)
185-30-21	002-90770
185-30-21	002-90747



Electrical accessories

THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
non DIM cable ø 4 – 12 mm	105-58-30	005-2531110
DALI cable ø 4 – 12 mm	105-58-30	005-2551110



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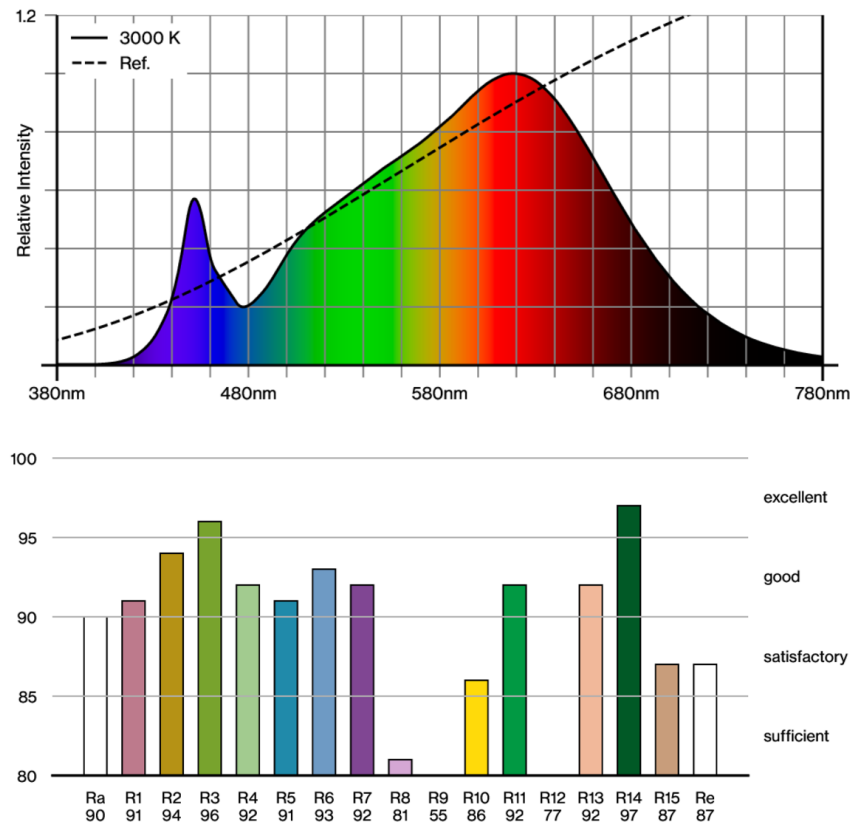


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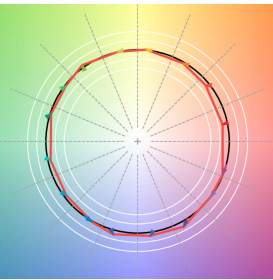
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Colour rendering



TM30 colour vector graphic



The black line represents the black body reference. The red line indicates the results of the test light source. The deviation from the test light source to the reference is shown and is marked by arrows. The shorter the arrows, the higher the color rendering.

