

SASSO 40 round downlight

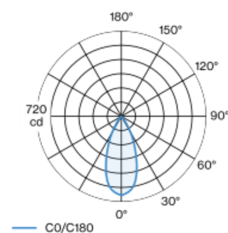
trim

048-2800411F 048-2896317 002-90744

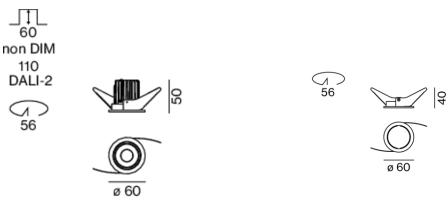


Round recessed spotlight in die-cast aluminium; surface black; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim traffic white; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 2700 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 43° beam; UGR ≤ 19 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; degree of protection from below IP44 (from above IP20); PC2 220-240V; incl. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

rotation 360°

black , RAL9005 ¹

Mounting set traffic white

front IP44 , back IP20

381 lm

LED

2700 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 100 , R_f: 89 , R_{f(1-5)}: 86

MR 0.49

MDER 0.44

Optical

flood

beam angle 43°

UGR < 19 , $\geq 65^\circ$ <3000 cd/m²

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

non DIM

9.9 W

inset 7.5 W

36 Vf

200 mA

PC2 220-240V

38 lm/W

inset 51 lm/W

Physical

trim

diameter 60 mm

height 50 mm

0.6 kg

Cutout

diameter 56 mm

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 60 mm

¹ RAL code ² Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator



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trim

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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.96	0.94	0.92	0.9	0.88
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 Faktor		

^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	57
B13	75
B16	92
B20	115
C10	57
C13	75
C16	92
C20	115

Components

MOUNTING SET with trim 1 lamp

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	traffic white	60	048-2896317



POWER SUPPLY

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
10 W	65-39-20	002-90744



Optional electrical accessories

DIN RAIL POWER SUPPLY

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



DIN RAIL LED DRIVER

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
DALI-2 200-1050 mA 2 x 42W	36-88-59	005-6121030

