

SASSO 40 round downlight

trim 2 lamps

048-2800617S 048-2898318 002-90753



Project / Type	
Notes	
Count / Date	



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General

Ceiling , Recessed
rotation 360°
white , RAL9016 ¹
jet black
front IP44 , back IP20
696 lm

LED

4000 K
CRI ≥ 90
L85 / 50000 h
initial MacAdam ≤ 3 SDCM
R _g : 94 , R _f : 87 , R _{f(1-15)} : 90
MR 0.86
MDER 0.78

Optical

spot
beam angle 17°
UGR < 16
P _{stLM} ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical

DALI-2
system 12.0 W
inset 5.1 W
12 Vf
450 mA
total insets 10.2 W
PC2 220-240V
system 58 lm/W ³
inset 68 lm/W ⁴

Physical

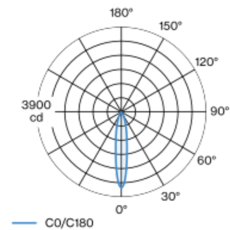
trim
length 122 mm
width 60 mm
height 50 mm
0.22 kg

Cutout

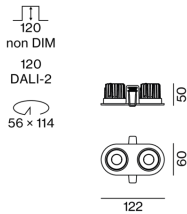
diameter 56 mm
length 114 mm
width 114 mm
min. ceiling thickness 2 mm
max. ceiling thickness 25 mm
recessed depth 120 mm

Round recessed spotlight in die-cast aluminium; 2 lamps; surface white; , installation without tools in mounting set due to patented ball catch system; oval installation housing; with trim jet black; 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 4000 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 17° beam; UGR ≤ 16; degree of protection from below IP44 (from above IP20); PC2 220-240V; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



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Installation
instructions



Lighting
calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.95	0.92	0.89	0.86
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
B13	134
B16	166
B20	207
C13	224
C16	282
C20	345

Components

MOUNTING SET with trim 2 lamps

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	jet black	122-60-13	048-2898318



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

