

trimless



Notes

Count / Date



☐ IP20
☐ IP44



Ceiling | Recessed

gold | RAL 260-M ¹

Mounting set traffic white

front IP44 | back IP20

1660 lm

fixture 109 lm/W²

3000 K

CRI ≥ 90

180 / 50

L80 / 50000 h
initial MacAdam

initial MacAdam ≤ 2 SDCM
 P = 69 / P = 63 / P = 67

R_g: 99 | R_f: 90 | R_{1-15}: 87

MR 0.6 | MDER 0.54

spot | beam angle 20°

 $UGR \leq 13$
$$\text{PstLM} \leq 1.0^3 \mid \text{SVM} \leq 0.4^3$$

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 17.9 W | fixture 15.2 W

36 Vf | 450 mA

trimless

diameter 105 mm | height 75 mm

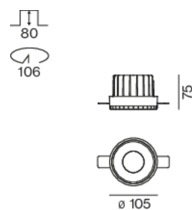
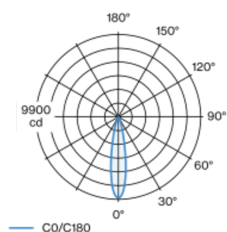
0.51 kg

diameter 106 mm

min. ceiling thickness 12.5 mm | max. ceiling thickness 25 mm

recessed depth 80 mm

Product drawing



Lighting calculator



19.06.2025

SASSO 100 round downlight

trimless

048-2700019S 048-2796117 002-90767



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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	18
B16	30
C10	23
C16	36

Components

MOUNTING SET trimless

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
for plasterboard ceilings 12.5/15/25 mm	traffic white	105	048-2796117



POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
143-43-30	002-90767

Mounting accessories

PRIMED CONCRETE MOUNTING HOUSING

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



Optional electrical accessories

DIN RAIL POWER SUPPLY

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



DIN RAIL LED DRIVER

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



SASSO 100 round downlight

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048-2700019S 048-2796117 002-90767



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Optional electrical accessories

POWER SUPPLY PREWIRED

TYPE	ARTICLE NUMBER(S)
with junktion box	002-90767A
with junktion box	002-90789A
with junktion box	002-90776A
with junktion box	002-90766A
with junktion box	002-90780A
with junktion box	002-90774A

Electrical accessories

THROUGH WIRING CONNECTION BOX

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



Optical accessories

HONEYCOMB LOUVER

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
jet black	50	007-1965598

