

SASSO 100 round adjustable

trimless exposed concrete

048-2720111M 048-2795210 002-90780



Project / Type _____

Notes _____

Count / Date _____



General
Ceiling , Recessed
tilt max 30°
rotation 360°
black , RAL9005 ¹
Mounting set white aluminium
front IP40 , back IP20
2050 lm

LED
4000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R _g : 98 , R _r : 90 , R _{t(1-5)} : 88
MR 0.8
MDER 0.72

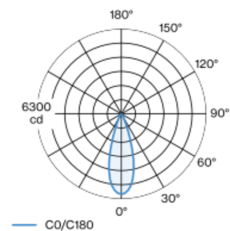
Optical
medium
beam angle 33°
UGR < 16 , ≥65° <3000 cd/m²

Electrical
non DIM
system 26.7 W
inset 22.7 W
36 Vf
650 mA
PC2 220-240V
system 77 lm/W ²
inset 90 lm/W ³

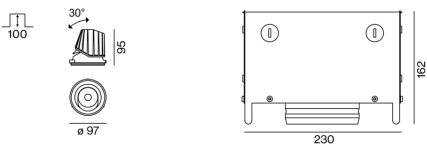
Physical
trimless for exposed concrete ceiling
length 230 mm
width 230 mm
height 162 mm
2.58 kg

Cutout
recessed depth 100 mm

Light distribution



Product drawing



¹ RAL code
² incl. optical losses and the efficiency of the operating device (converter)
³ incl. optical losses

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 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	33
B16	53
B20	67
B25	83
C10	40
C16	64
C20	80
C25	100

Components

EXPOSED CONCRETE MOUNTING HOUSING

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
white aluminium	230-230-162	048-2795210



CONVERTER

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
31 W	143-43-30	002-90780



Mounting accessories

PRIMED CONCRETE MOUNTING HOUSING

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



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



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



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Optical accessories

HONEYCOMB LOUVER

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

