

SASSO 100 round wallwasher/floor

trimless exposed concrete

048-2740619W 002-90779 048-2795210



Project / Type

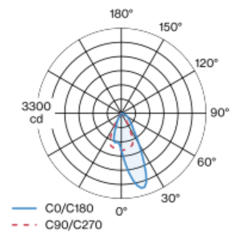
Notes

Count / Date

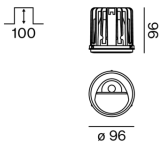


Round recessed spotlight in die-cast aluminium; 1 lamp; surface gold; 360° rotatable; installation without tools in mounting set due to patented ball catch system; concrete housings for exposed concrete ceilings; for trimless installation; passive cooling of the LEDs through improved heat sink geometry; no multiple shadows; light colour 4000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90 ; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; with specially computed, asymmetrical reflector for homogeneous lighting intensity; high quality reflector with micro-faceted, aluminum-vaporised surface; PC2 220-240V; incl. DALI-2 converter; through wiring connection box, 3-pole or 5-pole, available as an accessory; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling | Recessed

rotation 360°

gold | RAL260-M ¹

IP20

2030 lm

LED

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 97 | R_r: 90 | R_{t(1-15)}: 89

MR 0.81 | MDER 0.74

Optical

wallwasher floor

Electrical

DALI-2

19.2 W | inset 16.3 W

PC2 220-240V

106 lm/W ²

Physical

trimless

length 230 mm | width 230 mm | height 162 mm

2.32 kg

Cutout

recessed depth 100 mm

¹ RAL code
² incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.96	0.92	0.88	0.85	0.81
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

CONVERTER

L-W-H (MM)
143-43-30

ARTICLE NUMBER(S)
002-90779



EXPOSED CONCRETE MOUNTING HOUSING

COLOUR
white aluminium

L-W-H (MM)
230-230-162

ARTICLE NUMBER(S)
048-2795210



Mounting accessories

THROUGH WIRING CONNECTION BOX

TYPE
non DIM cable ø 4 – 12 mm, Linect®-Ready
DALI cable ø 4 – 12 mm, Linect®-Ready

L-W-H (MM)
105-58-30
105-58-30

ARTICLE NUMBER(S)
005-253110
005-255110



Mounting accessories

PRIMED CONCRETE MOUNTING HOUSING

COLOUR
white aluminium

L-W-H (MM)
614-307-120

ARTICLE NUMBER(S)
048-2695110



Optional electrical accessories

DIN RAIL POWER SUPPLY

L-W-H (MM)
72-90-63

ARTICLE NUMBER(S)
005-6520210



DIN RAIL LED DRIVER

TYPE
200 - 1050 mA | 2 x 42W

L-W-H (MM)
36-88-59

ARTICLE NUMBER(S)
005-6121030



[048-2740619W 002-90779 048-2795210] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.
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