

SASSO 60 round downlight

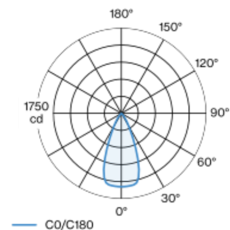
trimless exposed concrete

048-2602217F 048-2695210 002-90746

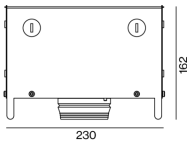


Round recessed spotlight in die-cast aluminium; 1 lamp; surface white; installation without tools in mounting set due to patented ball catch system; concrete housings for exposed concrete ceilings; for trimless installation; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 3500 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90 ; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 46° beam; $UGR \leq 19$; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 1500 \text{ cd/m}^2$; 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



Project / Type

Notes

Count / Date



General

Ceiling , Recessed
rotation 360°
white , RAL9016 ¹
Mounting set white aluminium
front IP44 , back IP20
920 lm

LED

3500 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
 $R_g: 99, R_f: 90, R_{t(1-15)}: 89$
MR 0.7
MDER 0.64

Optical

flood
beam angle 46°
 $UGR < 19, \geq 65^\circ < 1500 \text{ cd/m}^2$
 $P_{stLM} \leq 1.0^2$
 $SVM \leq 0.4^2$

Electrical

DALI-2
system 10.2 W
inset 8.7 W
36 Vf
250 mA
PC2 220-240V
system 90 lm/W³
inset 106 lm/W⁴

Physical

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

Cutout

recessed depth 120 mm

¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. optical losses and the efficiency of the operating device (converter)
⁴ 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	18
B16	30
C10	23
C16	36

Components

EXPOSED CONCRETE MOUNTING HOUSING

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
white aluminium	230-230-162	048-2695210



POWER SUPPLY

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
28 W	143-43-30	002-90746

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

