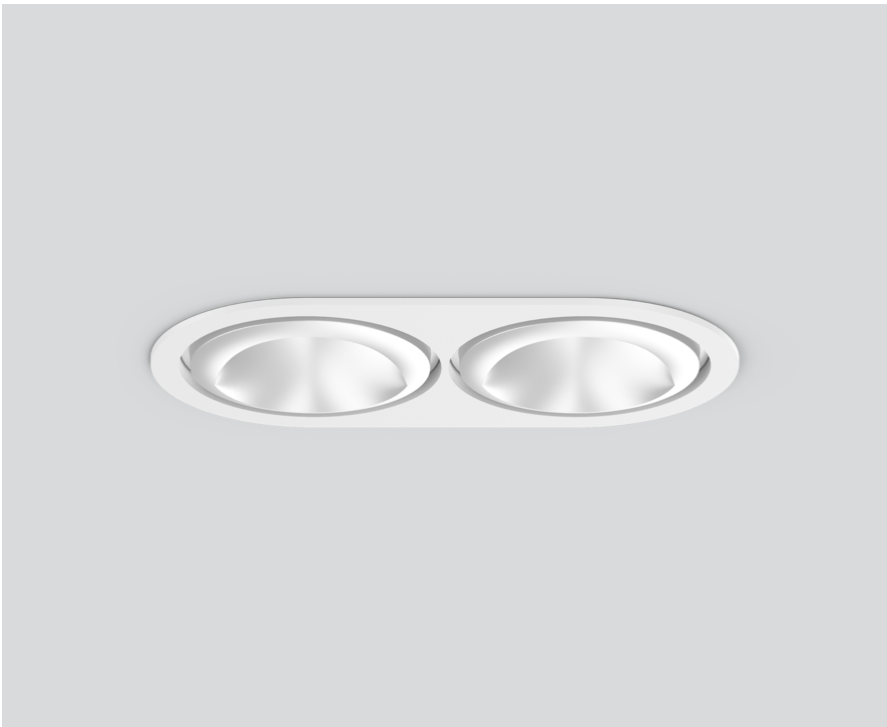


# SASSO 100 round wallwasher/floor

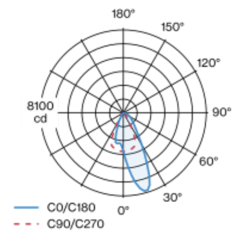
trim 2 lamps

048-2740017W 048-2798317 002-90780

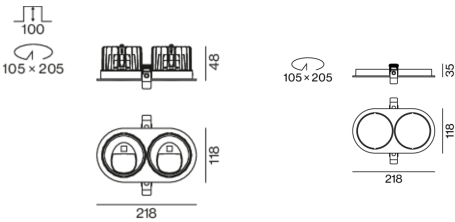


Round recessed spotlight in die-cast aluminium; 2 lamps; surface white; 360° rotatable; installation without tools in mounting set due to patented ball catch system; oval installation housing; with trim traffic white; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 3000 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; 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; 220-240 V; incl. converter, non dimmable; 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



Project / Type	
Notes	
Count / Date	



## General

Ceiling , Recessed	
rotation 360°	
white , RAL 9016 <sup>1</sup>	
Mounting set traffic white	
IP20	
5360 lm	
fixture 125 lm/W <sup>2</sup>	

## LED

3000 K	
CRI $\geq 90$	
L80 / 50000 h	
initial MacAdam $\leq 2$ SDCM	
R <sub>g</sub> : 99 , R <sub>r</sub> : 90 , R <sub>t(1-15)</sub> : 87	
MR 0.6	
MDER 0.54	

## Optical

wallwasher floor	
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## Electrical

non DIM	
220-240 V	
system 50 W	
fixture 21.5 W	
36 Vf	
650 mA	
fixture 43 W	
PC2	

## Physical

trim	
length 218 mm	
width 118 mm	
height 96 mm	
0.58 kg	

## Cutout

diameter 105 mm	
length 205 mm	
width 105 mm	
min. ceiling thickness 2 mm	
max. ceiling thickness 25 mm	
recessed depth 100 mm	

<sup>1</sup> RAL code  
<sup>2</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

## Installation instructions



## Lighting calculator



# SASSO 100 round wallwasher/floor

trim 2 lamps

048-2740017W 048-2798317 002-90780



Project / Type

Notes

Count / Date

## 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 <sup>a</sup>	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF <sup>a</sup>	Luminaire Maintenance Factor		LSF	Lamp Survival Faktor	

<sup>a</sup> 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

### MOUNTING SET with trim 2 lamps

TYPE	COLOUR	L·W·H (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	traffic white	218-118-35	048-2798317



### CONVERTER

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



## Mounting 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	005-253110
DALI cable ø 4 – 12 mm, Linect®-Ready	105-58-30	005-255110



## 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

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



# SASSO 100 round wallwasher/floor

trim 2 lamps  
048-2740017W 048-2798317 002-90780



Project / Type

Notes

Count / Date

## Optional electrical accessories

### POWER SUPPLY PREWIRED

TYPE	ARTICLE NUMBER(S)
with junktion box   non DIM	002-90766A
with junktion box   DALI-2	002-90767A
with junktion box   non DIM	002-90780A
with junktion box   DALI-2	002-90789A
with junktion box   non DIM	002-90774A
with junktion box   DALI-2	002-90776A

