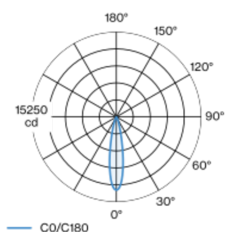


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## Light distribution



Technical drawing of a part with dimensions 80, 100, and 75. The drawing includes a top view, a side view, and a cross-section view.

## Project / Type

## Notes

Count / Date



Ceiling | Recessed

black | RAL 9005 <sup>1</sup>

front IP44 | back IP20

2240 lm

fixture 99 lm/W<sup>2</sup>

## 3500 K

CRI  $\geq 90$

CRI  $\geq 90$

L80 / 50000 h

initial MacAdam  $\leq 2$  SDCM

$R_g: 99 \mid R_f: 90 \mid R_{\{1-15\}}: 89$

MR 0.7 | MDER 0.64

spot | beam angle 20°

 $UGR \leq 13$ 

## non DIM

non DIM

PC2 | 220-240 V

system 26.7 W | fixture 22.7 W

36 Vf | 650 mA

trimless for acoustic ceiling

diameter 114 mm | height 75 mm

0.49 kg

diameter 100-102 mm

min. ceiling thickness 25 mm | max. ceiling

thickness 40 mm

recessed depth 80 mm

<sup>1</sup> RAL code<sup>2</sup> incl. consideration of optical losses & internal control unit losses

## Installation instructions



## Lighting calculator



# SASSO 100 round downlight trimless soft acoustic ceiling

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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 Factor	

<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

#### POWER SUPPLY

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



### Mounting accessories

#### MOUNTING TOOL

COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
traffic black	104-104-35	048-2795910



### 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



### 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



# SASSO 100 round downlight trimless soft acoustic ceiling

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Project / Type

Notes

Count / Date

## 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

