

SASSO 100 round adjustable

ceiling

048-34104117W



Project / Type _____

Notes _____

Count / Date _____



220-240V _____

X-PERT _____

X-PERT _____

General

Ceiling , Surface _____

tilt max 20° _____

rotation 360° _____

black , RAL9005/white ¹ _____

Reflector white _____

IP20 _____

1620 lm _____

LED

2700 K _____

CRI ≥ 90 _____

L80 / 50000 h _____

initial MacAdam ≤ 2 SDCM _____

R_g: 99 , R_r: 91 , R_{t(1-15)}: 89 _____

MR 0.53 _____

MDER 0.48 _____

Optical

wide flood _____

beam angle 59° _____

UGR < 19 _____

P_{st}LM ≤ 1.0 ² _____

SVM ≤ 0.4 ² _____

Electrical

non DIM _____

20.2 W _____

PC1 220-240V _____

80 lm/W _____

Physical

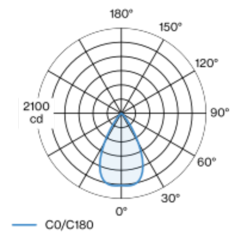
diameter 100 mm _____

height 162 mm _____

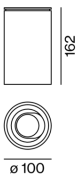
0.95 kg _____

¹ RAL code ² Value of containing product at full load (undimmed)

Light distribution



Product drawing



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 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 |
|--------------------------------|--------------------|
| B13 | 40 |
| B16 | 50 |
| B20 | 62 |
| C13 | 67 |
| C16 | 85 |
| C20 | 104 |

