

SASSO 60 round wallwasher/floor

trim

048-2641417W 048-2696317 002-90762



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

rotation 360°

white , RAL9016 ¹

Mounting set traffic white

IP20

748 lm

LED

2700 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 97 , R_f: 91 , R₍₁₋₁₅₎: 90

MR 0.53

MDER 0.48

Optical

wallwasher floor

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

system 9.7 W

inset 8.3 W

27 Vf

300 mA

PC2 220-240V

system 77 lm/W³

inset 91 lm/W⁴

1 DALI Addr.

Physical

trim

diameter 80 mm

height 48 mm

0.27 kg

Cutout

diameter 73 mm

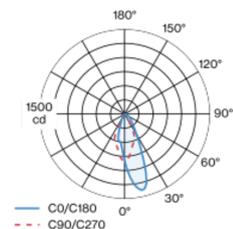
min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 110 mm

Round recessed spotlight in die-cast aluminium; 1 lamp; surface white; 360° rotatable; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim traffic white; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; no multiple shadows; light colour 2700 K; binning initial MacAdam ≤ 3 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; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



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 | 0.96 | 0.92 | 0.89 | 0.85 | 0.82 |
| 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

MOUNTING SET with trim 1 lamp

| TYPE | COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|---------------------------|---------------|--------|-------------------|
| for intermediate ceilings | traffic white | 80 | 048-2696317 |



CONVERTER

| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
|------|------------|-------------------|
| 28 W | 143-43-30 | 002-90762 |



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 |

