

SASSO 40 round wallwasher/floor trimless soft acoustic ceiling

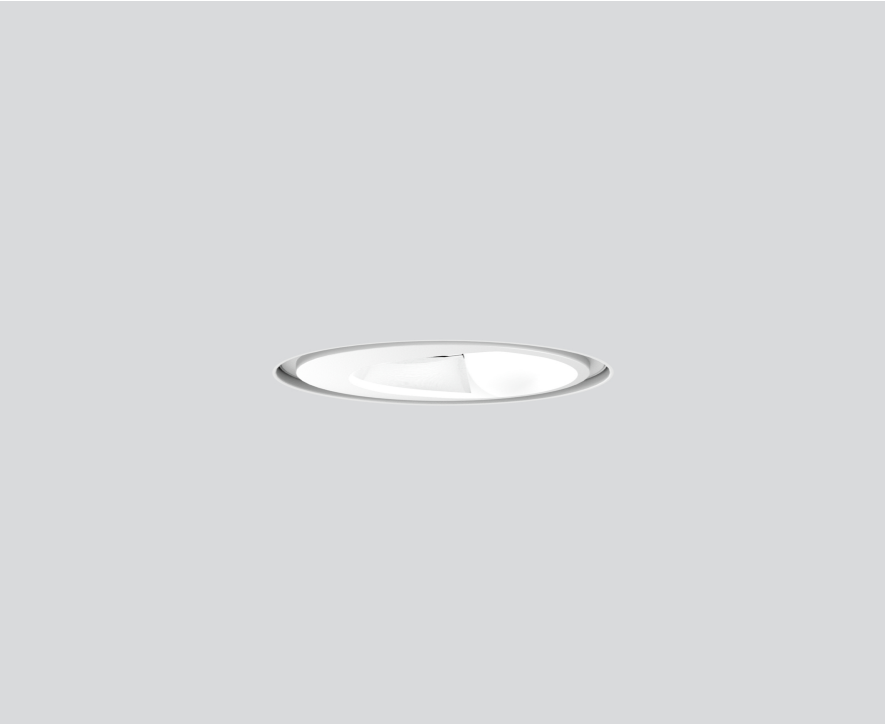
048-2840117W 048-2896197 002-90743



Project / Type

Notes

Count / Date



Round recessed spotlight in die-cast aluminium; surface white; 360° rotatable; installation without tools in mounting set due to patented ball catch system; round installation housing; traffic white; for trimless installation in soft acoustic ceilings; passive cooling of the LEDs through improved heat sink geometry; no multiple shadows; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; min. 85% 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. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling | Recessed

rotation 360°

white | RAL 9016 ¹

Mounting set traffic white

IP20

1040 lm

fixture 118 lm/W ²

LED

4000 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 99 | R_r: 92 | R_{t(1-15)}: 90

MR 0.81 | MDER 0.74

Optical

wallwasher floor | beam angle 53°

PstLM ≤ 1.0 ³ | SVM ≤ 0.4 ³

Electrical

DALI-2

PC2 | 220-240 V

system 10.8 W | fixture 8.9 W

36 Vf | 250 mA

Physical

trimless

diameter 56 mm | height 51 mm

Cutout

diameter 58 mm

recessed depth 120 mm

¹ RAL code
² incl. consideration of optical losses & internal control unit losses
³ Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator



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Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|------------------------------|--------|-------------------|---------------------------------|--------|
| LLMF | 0.982 | 0.954 | 0.926 | 0.899 | 0.873 |
| 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 Factor | |

^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 | 72 |
| B16 | 115 |
| C10 | 106 |
| C16 | 170 |

Components

MOUNTING SET trimless for soft acoustic ceilings

| | | |
|---------------|--------|-------------------|
| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
| traffic white | 64 | 048-2896197 |

POWER SUPPLY

| | |
|------------|-------------------|
| L-W-H (MM) | ARTICLE NUMBER(S) |
| 147-33-23 | 002-90743 |



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 |

