

SASSO 40 round wallwasher

trimless

048-2840611A 048-2896117 002-90743



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Recessed
 rotation 360°
 black , RAL9005 ¹
 Mounting set traffic white
 IP20
 546 lm

LED

4000 K
 CRI ≥ 90
 L80 / 50000 h
 initial MacAdam ≤ 3 SDCM
 R_g: 94 , R_f: 87 , R_{f(1-15)}: 86
 MR 0.8
 MDER 0.72

Optical

wallwasher
 beam angle 118°
 PstLM ≤ 1.0 ²
 SVM ≤ 0.4 ²

Electrical

DALI-2
 system 9.0 W
 inset 6.8 W
 27 Vf
 250 mA
 PC2 220-240V
 system 61 lm/W³
 inset 81 lm/W⁴

Physical

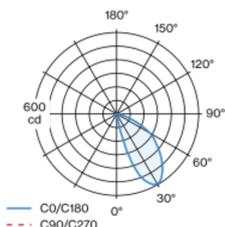
trimless
 diameter 56 mm
 height 55 mm
 0.34 kg

Cutout

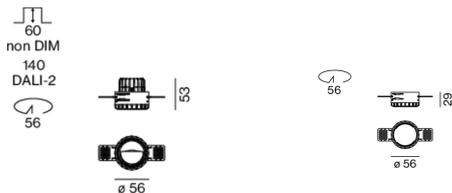
diameter 56 mm
 recessed depth 120 mm

Round recessed spotlight in die-cast aluminium; surface black; 360° rotatable; installation without tools in mounting set due to patented ball catch system; round installation housing; for trimless installation in plasterboard ceilings; suitable for ceiling thickness of 12.5/15/25 mm; 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. 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



SASSO 40 round wallwasher

trimless

048-2840611A 048-2896117 002-90743



Project / Type _____

Notes _____

Count / Date _____

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 | 80 |
| B13 | 104 |
| B16 | 130 |
| B20 | 162 |
| C10 | 135 |
| C13 | 175 |
| C16 | 220 |
| C20 | 270 |

Components

MOUNTING SET trimless

| TYPE | COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|---|---------------|--------|-------------------|
| for plasterboard ceilings 12.5/15/25 mm | traffic white | 56 | 048-2896117 |



POWER SUPPLY

| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
|------|------------|-------------------|
| 10 W | 166-30-22 | 002-90743 |



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 |

