

# SASSO 60 round downlight

trim

048-2602117W 048-2696317 002-90746



|                |
|----------------|
| Project / Type |
| Notes          |
| Count / Date   |



|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|--|--|--|--|--|

## General

|                              |
|------------------------------|
| Ceiling , Recessed           |
| rotation 360°                |
| white , RAL9016 <sup>1</sup> |
| Mounting set traffic white   |
| front IP44 , back IP20       |
| 988 lm                       |

## LED

|                                                                       |
|-----------------------------------------------------------------------|
| 4000 K                                                                |
| CRI ≥ 90                                                              |
| L80 / 50000 h                                                         |
| initial MacAdam ≤ 2 SDCM                                              |
| R <sub>g</sub> : 98 , R <sub>f</sub> : 90 , R <sub>t(1-15)</sub> : 88 |
| MR 0.8                                                                |
| MDER 0.72                                                             |

## Optical

|                              |
|------------------------------|
| wide flood                   |
| beam angle 55°               |
| ≥65° <1500 cd/m <sup>2</sup> |
| PstLM ≤ 1.0 <sup>2</sup>     |
| SVM ≤ 0.4 <sup>2</sup>       |

## Electrical

|                             |
|-----------------------------|
| DALI-2                      |
| system 10.0 W               |
| inset 8.5 W                 |
| 36 Vf                       |
| 250 mA                      |
| PC2 220-240V                |
| system 99 lm/W <sup>3</sup> |
| inset 116 lm/W <sup>4</sup> |
| 1 DALI Addr.                |

## Physical

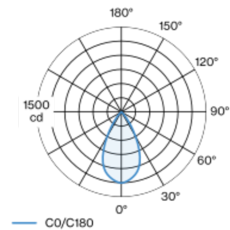
|                |
|----------------|
| trim           |
| diameter 80 mm |
| height 48 mm   |
| 0.26 kg        |

## 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; 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; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 4000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 55° beam; degree of protection from below IP44 (from above IP20); 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



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Installation  
instructions



Lighting  
calculator



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## Maintenance Factors

| Operating Time [h] | 10 000                       | 20 000 | 30 000                                            | 40 000 | 50 000 |
|--------------------|------------------------------|--------|---------------------------------------------------|--------|--------|
| LLMF               | 0.964                        | 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 Faktor                          |        |        |

<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                            | 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       |



### POWER SUPPLY

| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
|------|------------|-------------------|
| 28 W | 143-43-30  | 002-90746         |

## 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       |

