

# SASSO 60 round wallwasher/floor

trim 2 lamps

048-2641211W 048-2698317 002-90742



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



### General

|                               |  |
|-------------------------------|--|
| Ceiling , Recessed            |  |
| rotation 360°                 |  |
| black , RAL 9005 <sup>1</sup> |  |
| Mounting set traffic white    |  |
| IP20                          |  |
| 2040 lm                       |  |
| fixture 115 lm/W <sup>2</sup> |  |

### LED

|   |  |
|---|--|
| 3500 K  |  |
| CRI ≥ 90  |  |
| L85 / 50000 h   |  |
| initial MacAdam ≤ 3 SDCM  |  |
| R <sub>g</sub> : 96 , R <sub>r</sub> : 90 , R <sub>t(1-15)</sub> : 91 |  |
| MR 0.74   |  |
| MDER 0.67   |  |

### Optical

|                          |  |
|--------------------------|--|
| wallwasher floor         |  |
| PstLM ≤ 1.0 <sup>3</sup> |  |
| SVM ≤ 0.4 <sup>3</sup>   |  |

### Electrical

|                |  |
|----------------|--|
| non DIM        |  |
| 220-240 V      |  |
| system 20.8 W  |  |
| fixture 8.9 W  |  |
| 36 Vf          |  |
| 250 mA         |  |
| fixture 17.7 W |  |
| PC2            |  |

### Physical

|               |  |
|---------------|--|
| trim          |  |
| length 147 mm |  |
| width 80 mm   |  |
| height 48 mm  |  |
| 0.26 kg       |  |

### Cutout

|                              |  |
|------------------------------|--|
| diameter 70 mm               |  |
| length 70 mm                 |  |
| width 136 mm                 |  |
| min. ceiling thickness 2 mm  |  |
| max. ceiling thickness 25 mm |  |
| recessed depth 90 mm         |  |

Round recessed spotlight in die-cast aluminium; 2 lamps; surface black; 360° rotatable; installation without tools in mounting set due to patented ball catch system; oval 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 3500 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. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

### Light distribution



### Product drawing



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



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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               | 0.982                        | 0.954  | 0.926   | 0.899  | 0.873  |
| 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 Factor                          |        |        |

<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                            | 57                 |
| B13                            | 75                 |
| B16                            | 92                 |
| B20                            | 115                |
| C10                            | 57                 |
| C13                            | 75                 |
| C16                            | 92                 |
| C20                            | 115                |

## Components

### MOUNTING SET with trim 2 lamps

| TYPE                      | COLOUR        | L-W-H (MM) | ARTICLE NUMBER(S) |
|---------------------------|---------------|------------|-------------------|
| for intermediate ceilings | traffic white | 147-80-21  | 048-2698317       |



### POWER SUPPLY

| TYPE | L-W-H (MM) | ARTICLE NUMBER(S) |
|------|------------|-------------------|
| 10 W | 65-39-20   | 002-90742         |



## Optional electrical accessories

### 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       |



### DIN RAIL POWER SUPPLY

| TYPE  | L-W-H (MM) | ARTICLE NUMBER(S) |
|-------|------------|-------------------|
| 160 W | 72-90-63   | 005-6520210       |



## Optional electrical accessories

### POWER SUPPLY PREWIRED

| TYPE                        | ARTICLE NUMBER(S) |
|-----------------------------|-------------------|
| with junktion box   DALI-2  | 002-90790A        |
| with junktion box   DALI-2  | 002-90748A        |
| with junktion box   non DIM | 002-90771A        |
| with junktion box   non DIM | 002-90742A        |



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### POWER SUPPLY

| TYPE                       | L-W-H (MM) | ARTICLE NUMBER(S) |
|----------------------------|------------|-------------------|
| with loop through function | 185-30-21  | 002-90770         |
| with loop through function | 185-30-21  | 002-90747         |

