

# SASSO 100 round adjustable

semi-recessed  
048-34012111F 002-90767



Project / Type

Notes

Count / Date



|                               |
|-------------------------------|
| General                       |
| Ceiling   Semi-Recessed       |
| tilt max 20°                  |
| rotation 360°                 |
| black   RAL 9005 <sup>1</sup> |
| Inner colour black            |
| IP20                          |
| 1610 lm                       |
| fixture 105 lm/W <sup>2</sup> |

|  |
|--|
| LED  |
| 3500 K   |
| CRI ≥ 90   |
| L80 / 50000 h  |
| initial MacAdam ≤ 2 SDCM   |
| R <sub>g</sub> : 99   R <sub>f</sub> : 90   R <sub>[1-15]</sub> : 89 |
| MR 0.7   MDER 0.64   |

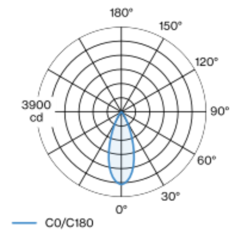
|   |
|---|
| Optical   |
| flood   beam angle 39°                            |
| UGR ≤ 16   ≥65° <1500 cd/m <sup>2</sup>           |
| PstLM ≤ 1.0 <sup>3</sup>   SVM ≤ 0.4 <sup>3</sup> |

Cylindrical semi-recessed spotlight made of aluminium; surface black powder coated; Inner colour lacquered in black; 360° rotatable and 20° tiltable; luminaire housing can be attached to mounting plate without tools by interlock; 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 3500 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 39° beam; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m<sup>2</sup>; degree of protection IP20; PC2; 220-240 V; incl. DALI-2 converter; flicker-free visual comfort through analogue current control (minimum value 1%); external converter for ceiling insertion; through wiring connection box, 3-pole or 5-pole, available as an accessory; accessories are listed separately; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

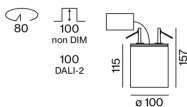
|                                |
|--------------------------------|
| Electrical                     |
| DALI-2   1 DALI Addr.          |
| PC2   220-240 V                |
| system 17.9 W   fixture 15.2 W |
| 36 Vf   450 mA                 |

|                                 |
|---------------------------------|
| Physical                        |
| diameter 100 mm   height 115 mm |
| 0.76 kg                         |

## Light distribution



## Product drawing



|                       |
|-----------------------|
| Cutout                |
| diameter 80 mm        |
| recessed depth 100 mm |

<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)

Installation instructions

Lighting calculator