

# SASSO 100 round downlight

trim 2 lamps

048-2700111F 048-279831G 002-90766



Project / Type

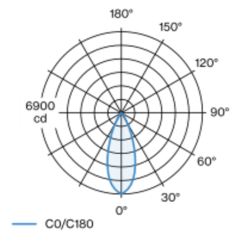
Notes

Count / Date



Round recessed spotlight in die-cast aluminium; 2 lamps; surface black; installation without tools in mounting set due to patented ball catch system; oval installation housing; with trim white aluminium; 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  $\leq 2$  SDCM; CRI  $\geq 90$ ; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 38° beam; UGR  $\leq 16$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq 1500$  cd/m<sup>2</sup>; degree of protection from below IP44 (from above IP20); PC2; 220-240 V; incl. converter, non dimmable; 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;

## Light distribution



## Product drawing



## General

|                               |
|-------------------------------|
| Ceiling   Recessed            |
| black   RAL 9005 <sup>1</sup> |
| Mounting set white aluminium  |
| front IP44   back IP20        |
| 3280 lm                       |
| fixture 108 lm/W <sup>2</sup> |

## LED

|  |
|--|
| 4000 K   |
| CRI $\geq 90$  |
| L80 / 50000 h  |
| initial MacAdam $\leq 2$ SDCM                                      |
| R <sub>g</sub> : 98   R <sub>f</sub> : 90   R <sub>t-15</sub> : 88 |
| MR 0.8   MDER 0.72   |

## Optical

|   |
|---|
| flood   beam angle 38°                                      |
| UGR $\leq 16$   $\geq 65^\circ$ $< 1500$ cd/m <sup>2</sup>  |
| PstLM $\leq 1.0$ <sup>3</sup>   SVM $\leq 0.4$ <sup>3</sup> |

## Electrical

|                              |
|------------------------------|
| non DIM                      |
| PC2   220-240 V              |
| system 35 W   fixture 15.2 W |
| 36 Vf   450 mA               |
| fixture 30 W                 |

## Physical

|   |
|---|
| trim  |
| length 218 mm   width 118 mm   height 75 mm |
| 1.41 kg                                     |

## Cutout

|  |
|--|
| diameter 105 mm   length 205 mm   width 105 mm             |
| min. ceiling thickness 2 mm   max. ceiling thickness 25 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

