

# SASSO 100 square downlight

trim 2 lamps

048-2710019F 048-2799318 002-90780

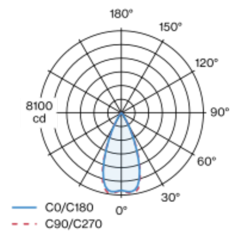


|                |
|----------------|
| Project / Type |
| Notes          |
| Count / Date   |



Recessed square spotlight in die-cast aluminium; 2 lamps; surface gold; installation without tools in mounting set due to patented ball catch system; rectangular installation housing; with trim jet black; 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 3000 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 45° beam; UGR  $\leq 16$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq 3000$  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            |
| gold , RAL 260-M <sup>1</sup> |
| Mounting set jet black        |
| front IP44 , back IP20        |
| 4660 lm                       |
| fixture 103 lm/W <sup>2</sup> |

## LED

|   |
|---|
| 3000 K  |
| CRI $\geq 90$   |
| L80 / 50000 h   |
| initial MacAdam $\leq 2$ SDCM   |
| R <sub>g</sub> : 99 , R <sub>f</sub> : 90 , R <sub>t(1-15)</sub> : 87 |
| MR 0.6  |
| MDER 0.54   |

## Optical

|  |
|--|
| flood  |
| beam angle 45°   |
| UGR $\leq 16$ , $\geq 65^\circ$ $< 3000$ cd/m <sup>2</sup> |

## Electrical

|                |
|----------------|
| non DIM        |
| 220-240 V      |
| system 52 W    |
| fixture 22.7 W |
| 36 Vf          |
| 650 mA         |
| fixture 45 W   |
| PC2            |

## Physical

|               |
|---------------|
| trim          |
| length 218 mm |
| width 118 mm  |
| height 75 mm  |
| 0.55 kg       |

## Cutout

|                              |
|------------------------------|
| length 210 mm                |
| width 112 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

## Installation instructions



## Lighting calculator

