

# SASSO PRO 100

## adjustable offset trim square

048-2410617M 052-1952417



Project / Type

Notes

Count / Date



Round recessed spotlight in die-cast aluminium with recessed luminaire plane; surface white powder coated; 360° rotatable and 35° tiltable; installation without tools in mounting set due to patented ball catch system; square installation housing; with trim traffic white; suitable for ceiling thickness of 5-25 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  $\leq 3$  SDCM; CRI  $\geq 90$ ; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; including high quality reflector made of plastic with spherical reflector; aluminium, vapour deposition coated; neutral colour reflection through absolute freedom from interference colour; for brilliant object staging; precise radiation characteristic with 24° beam; installed and exchanged without tools; optical attachments available as accessories; accessories are listed separately; degree of protection IP20; PC2; 220-240 V; incl. converter, non dimmable; converter wired secondary side; through wiring connection box, 3-pole or 5-pole, available as an accessory; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

### Light distribution



medium 24°

| h (m) | EO <sup>3</sup> (lx) | ø (m) |
|-------|----------------------|-------|
| 1     | 5700                 | 0.43  |
| 2     | 1430                 | 0.87  |
| 3     | 630                  | 1.30  |
| 4     | 360                  | 1.73  |
| 5     | 230                  | 2.17  |

### Product drawing



### General

|                               |
|-------------------------------|
| Ceiling   Recessed            |
| tilt max 35°                  |
| rotation 360°                 |
| white   RAL 9016 <sup>1</sup> |
| Mounting set traffic white    |
| IP20                          |
| 1490 lm                       |

### LED

|  |
|--|
| 4000 K   |
| CRI $\geq 90$  |
| L80 / 50000 h  |
| initial MacAdam $\leq 3$ SDCM  |
| R <sub>g</sub> : 97   R <sub>r</sub> : 89   R <sub>t(1-5)</sub> : 91 |
| MR 0.85   MDER 0.77  |

### Optical

|   |
|---|
| medium   beam angle 24°                                     |
| PstLM $\leq 1.0$ <sup>2</sup>   SVM $\leq 0.4$ <sup>2</sup> |

### Electrical

|                              |
|------------------------------|
| non DIM                      |
| PC2   220-240 V              |
| system 14.7 W                |
| system 101 lm/W <sup>3</sup> |

### Physical

|  |
|--|
| trim   |
| length 112 mm   width 112 mm   height 106 mm |
| 0.63 kg                                      |

### Cutout

|  |
|--|
| diameter 108 mm  |
| min. ceiling thickness 5 mm   max. ceiling thickness 25 mm |
| recessed depth 130 mm                                      |

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

### Installation instructions



### Lighting calculator

