

SPADO 150 square downlight

trim

049-31526170



Project / Type

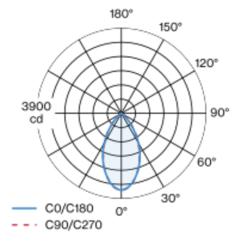
Notes

Count / Date

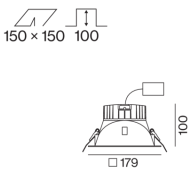


Recessed square spotlight in die-cast aluminium; surface white powder coated; with trim; suitable for ceiling thickness of 2-25 mm; installation without tools using snap spring closure; passive cooling of the LEDs through improved heat sink geometry; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80 ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; reflector made of polycarbonate, polished chrome; symmetric radiation characteristic with 56° beam; recessed luminaire plane; degree of protection from below IP44 (from above IP20); PC2; 220-240 V; incl. converter, non dimmable; external converter for ceiling insertion, through-wiring suitable; operating device suitable for use with a central battery system; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling , Recessed

white , RAL 9016 ¹

front IP44 , back IP20

3170 lm

LED

4000 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.72

MDER 0.66

Optical

wide flood

beam angle 56°

$\geq 65^\circ < 1500 \text{ cd/m}^2$

$\text{PstLM} \leq 1.0$ ²

$\text{SVM} \leq 0.4$ ²

Electrical

non DIM

220-240 V

system 27.5 W

system 115 lm/W³

PC2

Physical

trim

length 179 mm

width 179 mm

height 104 mm

0.8 kg

Cutout

length 150 mm

width 150 mm

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 110 mm

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

Installation instructions



Lighting calculator

