

# SPADO 150 square downlight

trim

049-31516170



Project / Type

Notes

Count / Date



## General

Ceiling , Recessed

white , RAL 9016 <sup>1</sup>

front IP44 , back IP20

1940 lm

## LED

4000 K

CRI  $\geq$  80

L80 / 50000 h

initial MacAdam  $\leq$  3 SDCM

MR 0.72

MDER 0.66

## Optical

wide flood

beam angle 56°

UGR  $\leq$  19 ,  $\geq$  65°  $<$  1500 cd/m<sup>2</sup>

PstLM  $\leq$  1.0 <sup>2</sup>

SVM  $\leq$  0.4 <sup>2</sup>

## Electrical

non DIM

220-240 V

system 16.4 W

system 118 lm/W<sup>3</sup>

PC2

## Physical

trim

length 179 mm

width 179 mm

height 104 mm

0.8 kg

## Cutout

length 150 mm

width 150 mm

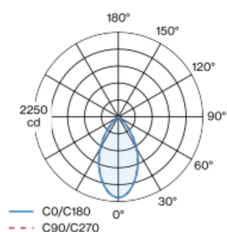
min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

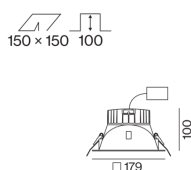
recessed depth 110 mm

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  $\leq$  3 SDCM; CRI  $\geq$  80; min. 80% 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; UGR  $\leq$  19; 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; 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



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

<sup>3</sup> 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

