

# SPADO 150 square downlight

trim

049-31515370



Project / Type \_\_\_\_\_

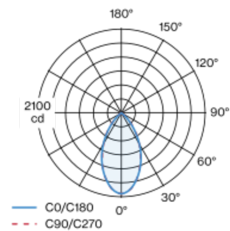
Notes \_\_\_\_\_

Count / Date \_\_\_\_\_

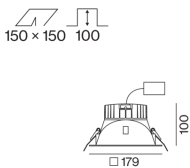


Recessed square spotlight in die-cast aluminium; surface white powder coated; with trim; suitable for ceiling thickness of 2-25 mm; installation without tools using snap spring closure; passive cooling of the LEDs through improved heat sink geometry; light colour 3000 K; binning initial MacAdam  $\leq 3$  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 220-240V; incl. DALI-2 converter; 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 , RAL9016 <sup>1</sup>  
front IP44 , back IP20  
1830 lm

## LED

3000 K  
CRI  $\geq 80$   
L80 / 50000 h  
initial MacAdam  $\leq 3$  SDCM  
MR 0.54  
MDER 0.49

## Optical

wide flood  
beam angle 56°  
UGR  $< 19$  ,  $\geq 65^\circ < 1500$  cd/m<sup>2</sup>  
PstLM  $\leq 1.0$  <sup>2</sup>  
SVM  $\leq 0.4$  <sup>2</sup>

## Electrical

DALI-2  
system 16.4 W  
PC2 220-240V  
system 112 lm/W<sup>3</sup>  
1 DALI Addr.

## 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

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)

## Installation instructions



## Lighting calculator

