

# SPIO 20 downlight

trimless

048-1710410W 048-1698107 002-90784



Project / Type

Notes

Count / Date



### General

Ceiling , Recessed

rotation 360°

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

traffic white

IP20

424 lm

fixture 65 lm/W<sup>2</sup>

### LED

2700 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 104 , R<sub>f</sub>: 88 , R<sub>(1-15)</sub>: 89

MR 0.5

MDER 0.46

### Optical

wide flood

beam angle 44°

PstLM ≤ 1.0 <sup>3</sup>

SVM ≤ 0.4 <sup>3</sup>

### Electrical

DALI-2

220-240 V

system 8.7 W

fixture 6.5 W

12 Vf

600 mA

PC2

1 DALI Addr.

### Physical

trimless

diameter 26 mm

height 66 mm

0.26 kg

### Cutout

diameter 48 mm

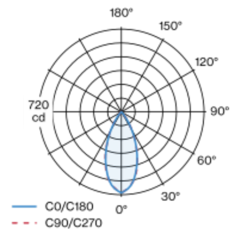
min. ceiling thickness 9 mm

max. ceiling thickness 25 mm

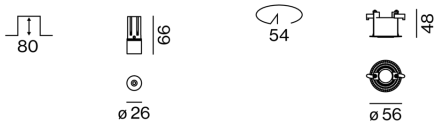
recessed depth 80 mm

Round recessed spotlight in aluminium; surface white powder coated; installation without tools in mounting set due to patented ball catch system; for trimless installation in plasterboard ceilings, specially designed trim with grooves for better adhesion of smoothing compound; suitable for ceiling thickness of 9-25 mm; special mounting tool for easy installation of the trimless housing available as an accessory; paintable light inset; shadow joint between light inset and mounting set optionally fillable; passive cooling of the LEDs through improved heat sink geometry; light colour 2700 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 44° beam; no multiple shadows; uncluttered ceiling look through recessed lighting level; reduced light-emitting surface (only ø 10 mm); degree of protection IP20; PC2; 220-240 V; incl. DALI-2 converter; 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> incl. consideration of optical losses & internal control unit losses

<sup>3</sup> Value of containing product at full load (undimmed)

### Installation instructions



### Lighting calculator

