

SPIO 20 downlight

trimless

048-1710410W 048-1698107 002-90784



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

rotation 360°

white , RAL9016 ¹

traffic white

IP20

424 lm

LED

2700 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 104 , R_f: 88 , R_{f(1-15)}: 89

MR 0.5

MDER 0.46

Optical

wide flood

beam angle 44°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

system 8.7 W

inset 6.5 W

12 Vf

600 mA

PC2 220-240V

system 49 lm/W³

inset 65 lm/W⁴

1 DALI Addr.

Physical

trimless

diameter 26 mm

height 66 mm

Cutout

diameter 48 mm

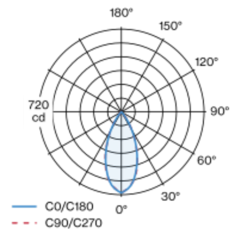
min. ceiling thickness 9 mm

max. ceiling thickness 25 mm

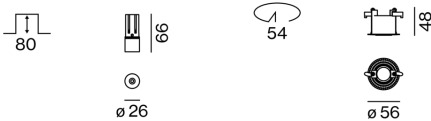
recessed depth 80 mm

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 220-240V; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. optical losses and the efficiency of the operating device (converter)
⁴ incl. optical losses

Installation instructions



Lighting calculator

