

# SPIO 60 adjustable

trimless

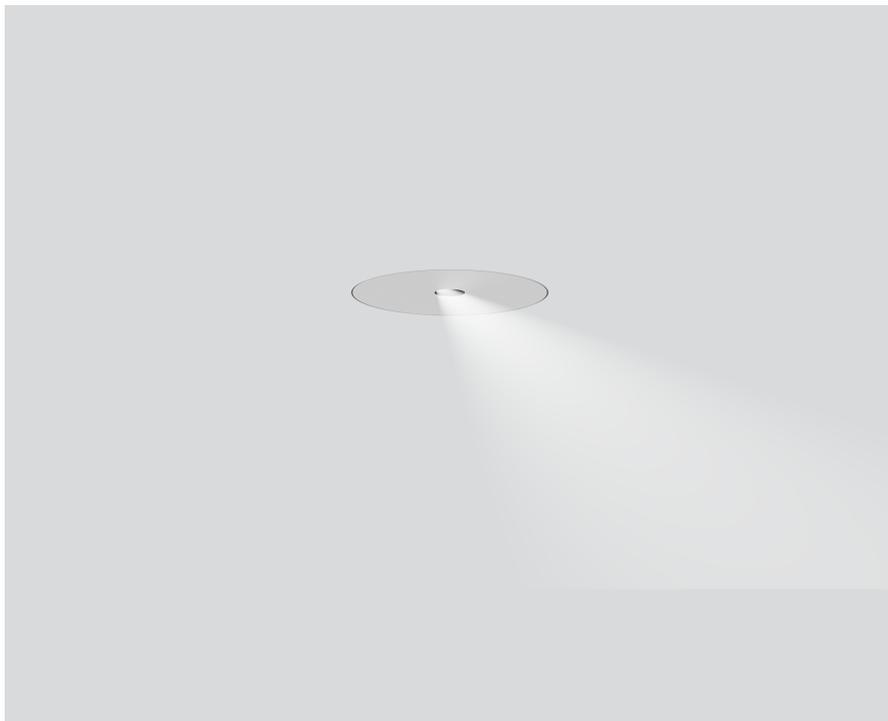
048-1520417F 048-1598107 002-90787



Project / Type

Notes

Count / Date



## General

Ceiling | Recessed  
tilt max 30°  
rotation 360°  
white | RAL 9016 <sup>1</sup>  
Mounting set traffic white  
IP20  
455 lm  
fixture 38 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>f(1-15)</sub>: 89  
MR 0.5 | MDER 0.46

## Optical

flood | beam angle 34°  
UGR ≤ 10  
PstLM ≤ 1.0 <sup>3</sup> | SVM ≤ 0.4 <sup>3</sup>

## Electrical

non DIM  
PC2 | 220-240 V  
system 14.0 W | fixture 11.9 W  
12 Vf | 1050 mA

## Physical

trimless  
diameter 105 mm | height 68 mm  
0.5 kg

## Cutout

diameter 106 mm  
min. ceiling thickness 12.5 mm | max. ceiling thickness 25 mm  
recessed depth 100 mm

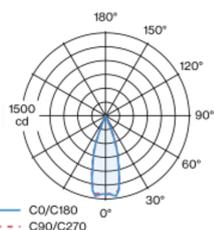
<sup>1</sup> RAL code

<sup>2</sup> incl. consideration of optical losses & internal control unit losses

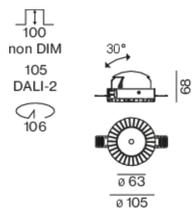
<sup>3</sup> Value of containing product at full load (undimmed)

Round recessed spotlight in die-cast aluminium; surface white powder coated; installation without tools in mounting set with magnetic attachment; for trimless installation in plasterboard ceilings, specially designed trim with grooves for better adhesion of smoothing compound; suitable for ceiling thickness of 12.5/15/25 mm; paintable cover; shadow joint between cover and mounting set optionally fillable; 360° rotatable and 30° tiltable; 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 34° 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. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



## Installation instructions



## Lighting calculator



[048-1520417F 048-1598107 002-90787] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux 30.06.2025 are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com