SASSO 60 square downlight

semi-recessed

048-30011119M 002-90790

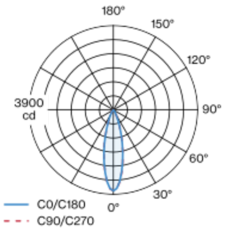
Project / Type

Notes

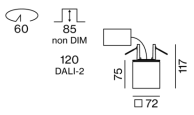
Count / Date

Square semi-recessed spotlight made of aluminium; surface black powder coated; Inner colour lacquered in gold; luminaire housing can be attached to mounting plate without tools by interlock; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 4000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 27° beam; UGR ≤ 19; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; degree of protection IP40; PC2; 220-240 V; incl. DALI-2 converter; flicker-free visual comfort through analogue current control (minimum value 1%); external converter for ceiling insertion, through-wiring suitable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



IP20
IP40
X-PERT
X-PERT

General

Ceiling , Semi-Recessed
black , RAL 9005 [1]
Inner colour gold
front IP40 , back IP20
1100 lm
fixture 103 lm/W[2]

LED

4000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R_g: 98 , R_f: 90 , R_{f1-15}: 88
MR 0.8
MDER 0.72

Optical

medium
beam angle 27°
UGR ≤ 19 , ≥65° <3000 cd/m²
PstLM ≤ 1.0 [3]
SVM ≤ 0.4 [3]

Electrical

DALI-2
220-240 V
system 12.5 W
fixture 10.6 W
36 Vf
300 mA
PC2
1 DALI Addr.

Physical

length 72 mm
width 72 mm
height 75 mm
0.52 kg

Cutout

diameter 60 mm
recessed depth 120 mm

[1] RAL code
[2] FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.
[3] Value of containing product at full load (undimmed)

Installation instructions

Lighting calculator

['048-30011119M 002-90790'] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux 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.
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