SASSO 40 round downlight trimless soft acoustic ceiling

048-2800419M 048-2896197 002-90753

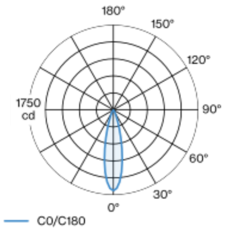
Project / Type

Notes

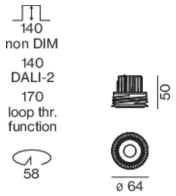
Count / Date

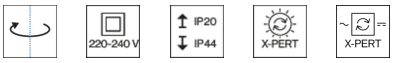
Round recessed spotlight in die-cast aluminium; surface gold; installation without tools in mounting set due to patented ball catch system; round installation housing; traffic white; for trimless installation in soft acoustic ceilings; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 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 25° beam; UGR ≤ 10; degree of protection from below IP44 (from above 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





General

Ceiling | Recessed
rotation 360°
gold | RAL 260-M [1]
Mounting set traffic white
front IP44 | back IP20
373 lm
fixture 73 lm/W [2]

LED

2700 K
CRI ≥ 90
L85 / 50000 h
initial MacAdam ≤ 3 SDCM
R_g: 99 | R_f: 91 | $R_{f\{1\text{-}15\}}$: 89
MR 0.54 | MDER 0.49

Optical

medium | beam angle 25°
UGR ≤ 10
PstLM ≤ 1.0 [3]| SVM ≤ 0.4 [3]

Electrical

DALI-2
PC2 | 220-240 V
system 6.2 W | fixture 5.1 W
12 Vf | 450 mA

Physical

trimless
diameter 56 mm | height 50 mm

Cutout

diameter 58 mm
recessed depth 140 mm

[1] RAL code
[2] incl. consideration of optical losses & internal control unit losses
[3] Value of containing product at full load (undimmed)

Installation instructions

Lighting calculator

['048-2800419M 048-2896197 002-90753'] 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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