BO 45

PROFILES 40 2 lamps

042-0620037F

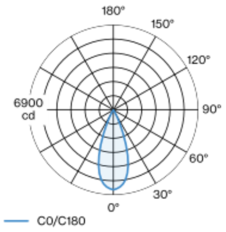
Project / Type

Notes

Count / Date

Spotlight made of aluminium; 2 lamps; cylindrical spotlight heads; surface traffic white powder coated; spotlight head 360° rotatable and 90° tiltable; spotlight can be installed without tools in MINO 40 system or FRAME 40 system; converter integrated in the power track adapter; 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 3000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; high quality, aluminium, vapour deposition coated reflector with faceted lens design; precise radiation characteristic with 39° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC1; 220-240 V; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

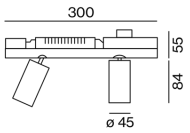
Light distribution



flood 39°

h (m)	E0° (lx)	ø (m)
1	3240	0.70
2	810	1.40
3	360	2.10
4	200	2.80
5	130	3.50

Product drawing



General

Ceiling | Semi-Recessed
tilt max 90°
rotation 360°
RAL Traffic white | RAL 9016 [1]
IP20
2540 lm

LED

3000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R_g: 100 | R_f: 91 | $R_{f(1-15)}$: 89
MR 0.59 | MDER 0.53

Optical

flood | beam angle 39°
PstLM ≤ 1.0 [2]| SVM ≤ 0.4 [2]

Electrical

DALI-2 | 1 DALI Addr.
PC1 | 220-240 V
system 32 W
system 79 lm/W [3]

Physical

length 300 mm | width 45 mm | height 142 mm
0.72 kg
adapter300 mm

Cutout

diameter 65 mm
min. ceiling thickness 9 mm | max. ceiling thickness 25 mm
recessed depth 230 mm

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

Installation instructions

Lighting calculator

['042-0620037F'] 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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