BO 45

PROFILES 40 2 lamps

042-0620137M

General

Ceiling | Semi-Recessed

tilt max 90°

rotation 360°

RAL Traffic white | RAL 9016 [1]

IP20

2680 lm

LED

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 97 | R_f: 90 | $R_{\{1-15\}}$: 89

MR 0.81 | MDER 0.74

Optical

medium | beam angle 24°

PstLM ≤ 1.0 [2] | SVM ≤ 0.4 [2]

Electrical

DALI-2 | 1 DALI Addr.

PC1 | 220-240 V

system 32 W

system 84 lm/W [3]

Physical

length 300 mm | width 45 mm | height 142 mm

adapter 300 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)
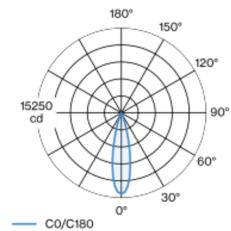[3] incl. consideration of optical losses, internal control unit losses & operating device efficiency

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 4000 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 24° 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;
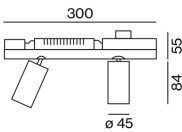
Light distribution

medium 24°

h (m)	E0° (lx)	ø (m)
1	7250	0.43
2	1810	0.86
3	810	1.30
4	450	1.73
5	290	2.16

Product drawing

Installation instructions

Lighting calculator