

# BO 45

PROFILES 40 2 lamps  
042-0620137F



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 4000 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; 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;



General

Ceiling | Semi-Recessed

tilt max 90°

rotation 360°

RAL Traffic white | RAL 9016 <sup>1</sup>

IP20

2680 lm

LED

4000 K

CRI  $\geq 90$

L80 / 50000 h

initial MacAdam  $\leq 2$  SDCM

R<sub>g</sub>: 97 | R<sub>f</sub>: 90 | R<sub>t(1-15)</sub>: 89

MR 0.81 | MDER 0.74

Optical

flood | beam angle 39°

PstLM  $\leq 1.0$  <sup>2</sup> | SVM  $\leq 0.4$  <sup>2</sup>

Electrical

DALI-2 | 1 DALI Addr.

PC1 | 220-240 V

system 32 W

system 84 lm/W <sup>3</sup>

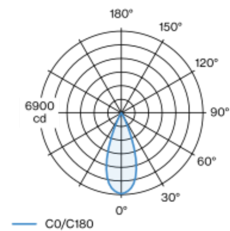
Physical

length 300 mm | width 45 mm | height 142 mm

0.58 kg

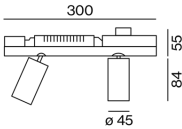
adapter 300 mm

## Light distribution



h (m)	EO° (lx)	ø (m)
1	3420	0.70
2	850	1.40
3	380	2.10
4	210	2.80
5	140	3.50

## Product drawing



Cutout

diameter 65 mm

min. ceiling thickness 9 mm | max. ceiling thickness 25 mm

recessed depth 230 mm

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. consideration of optical losses, internal control unit losses and operating device efficiency

## Installation instructions



## Lighting calculator

