

# BO 45

PROFILES 40 2 lamps

042-0620038F



Project / Type

Notes

Count / Date



## General

Ceiling , Semi-Recessed

tilt max 90°

rotation 360°

black , RAL9005 <sup>1</sup>

IP20

2540 lm

## LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 100 , R<sub>f</sub>: 91 , R<sub>f1-15</sub>: 88

MR 0.59

MDER 0.53

## Optical

flood

beam angle 39°

PstLM ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

## Electrical

DALI-2

32 W

total insets 27.0 W

PC1 220-240V

79 lm/W

1 DALI Addr.

## Physical

length 300 mm

width 45 mm

height 142 mm

0.36 kg

300 (adapter) mm

## Cutout

diameter 65 mm

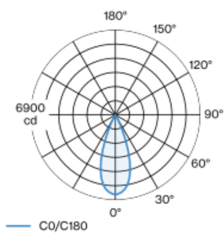
min. ceiling thickness 9 mm

max. ceiling thickness 25 mm

recessed depth 230 mm

Spotlight made of aluminium; 2 lamps; cylindrical spotlight heads; surface black 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 220-240V; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

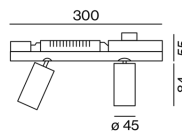
## Light distribution



flood 39°

h (m)	EO° (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



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

## Installation instructions



## Lighting calculator



[042-0620038F] 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.  
© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com

08.05.2024