

# BO 32 semi-recessed

049-612041XF 002-90743



Project / Type

Notes

Count / Date



**General**

Ceiling , Semi-Recessed

tilt max 90°

rotation 350°

special colours

IP20

750 lm

**LED**

2700 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 99 , R<sub>f</sub>: 91 , R<sub>(1-15)</sub>: 89

MR 0.53

MDER 0.48

**Optical**

flood

beam angle 34°

PstLM ≤ 1.0 <sup>1</sup>

SVM ≤ 0.4 <sup>1</sup>

**Electrical**

DALI-2

system 11.6 W

inset 8.7 W

36 Vf

250 mA

PC2 220-240V

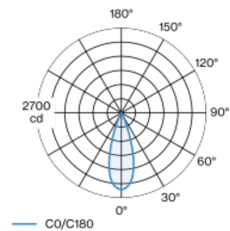
system 65 lm/W<sup>2</sup>

inset 86 lm/W<sup>3</sup>

1 DALI Addr.

Cylindrical spotlight in aluminium; surface special colours powder coated; 350° rotatable and 90° tiltable; recessed version with trim; suitable for ceiling thickness of 2-25 mm; 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 ≤ 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 34° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2 220-240V; incl. DALI-2 converter; flicker-free visual comfort through analogue current control (minimum value 1%); external converter for ceiling insertion, through-wiring suitable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



| flood 34° |          |       |  |
|-----------|----------|-------|--|
| h (m)     | EO° (lx) | ø (m) |  |
| 1         | 2450     | 0.61  |  |
| 2         | 610      | 1.21  |  |
| 3         | 270      | 1.82  |  |
| 4         | 150      | 2.42  |  |
| 5         | 100      | 3.03  |  |

## Product drawing



**Physical**

diameter 32 mm

height 139 mm

0.39 kg

**Cutout**

diameter 46 mm

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 110 mm

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

<sup>2</sup> incl. optical losses and the efficiency of the operating device (converter)

<sup>3</sup> incl. optical losses

**Installation instructions**

**Lighting calculator**

