

# BO 32

PROFILES 40 2 lamps  
042-0610138F



Project / Type

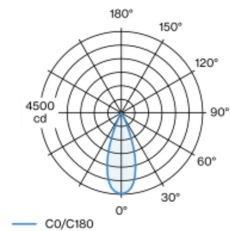
Notes

Count / Date



Spotlight made of aluminium; 2 lamps; cylindrical spotlight heads; surface jet 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 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 37° 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;

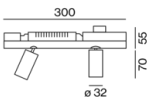
## Light distribution



flood 37°

h (m)	EO° (lx)	ø (m)
1	4480	0.67
2	1120	1.34
3	500	2.01
4	280	2.68
5	180	3.35

## Product drawing



## General

Ceiling | Semi-Recessed

tilt max 90°

rotation 360°

jet black | RAL 9005

IP20

1620 lm

## LED

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 98 | R<sub>f</sub>: 90 | R<sub>t(1-15)</sub>: 88

MR 0.8 | MDER 0.72

## Optical

flood | beam angle 37°

PstLM ≤ 1.0 <sup>1</sup> | SVM ≤ 0.4 <sup>1</sup>

## Electrical

DALI-2 | 1 DALI Addr.

PC1 | 220-240 V

system 20.5 W

system 79 lm/W <sup>2</sup>

## Physical

length 300 mm | width 32 mm | height 128 mm

1.2 kg

adapter300 mm

## Cutout

diameter 54 mm

min. ceiling thickness 9 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. consideration of optical losses, internal control unit losses & operating device efficiency

## Installation instructions



## Lighting calculator



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## Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.964	0.923	0.884	0.847	0.811
LSF	1	1	1	1	1
MF	LMF × RSMF × LLMF × LSF		RSMF <sup>a</sup>	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF <sup>a</sup>	Luminaire Maintenance Factor		LSF	Lamp Survival Factor	

<sup>a</sup> According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

## Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	36
B13	47
B16	58
C10	36
C13	78
C16	58

## Optical accessories

### HONEYCOMB LOUVER

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
for BO 32   JUST 32   MOVE IN 32   TARO 32   TILA 32	jet black	30	007-1965168



## Optical accessories

### OVAL LENS

TYPE	Ø (MM)	ARTICLE NUMBER(S)
for BO 32   MOVE IN 32	30	007-1965860



### SOFT LENS

TYPE	Ø (MM)	ARTICLE NUMBER(S)
for BO 32   MOVE IN 32	30	007-1965960



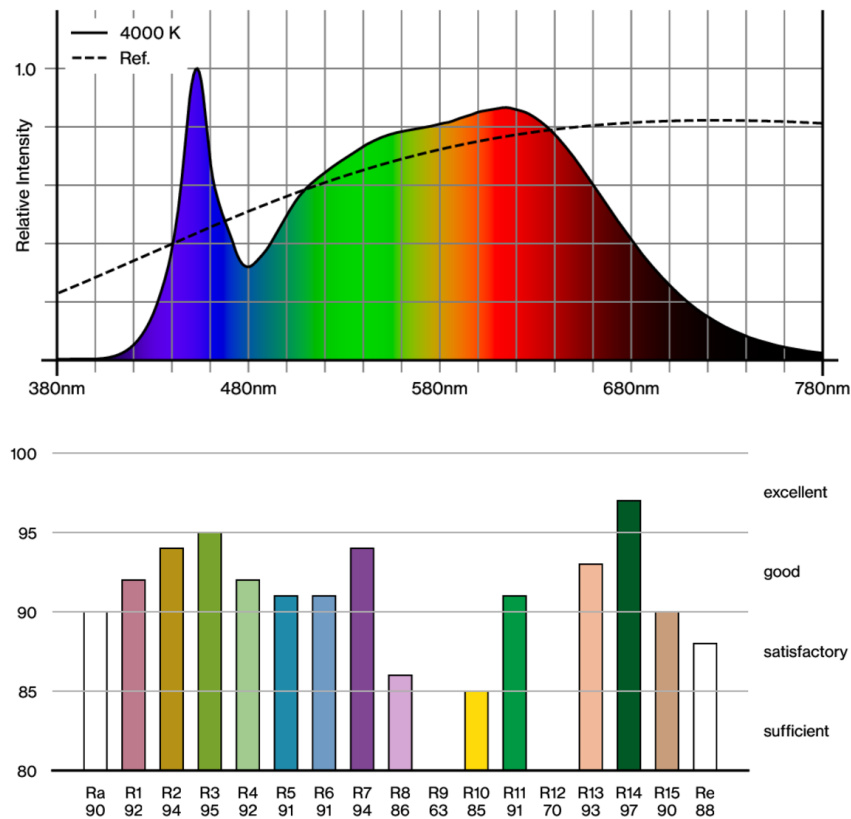
### WALLWASHER LENS

TYPE	Ø (MM)	ARTICLE NUMBER(S)
for BO 32   MOVE IN 32	30	007-1965760

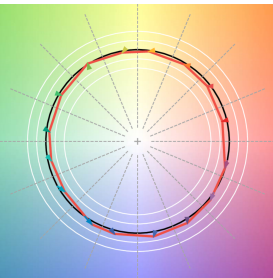




Colour rendering



TM30 colour vector graphic



The black line represents the black body reference. The red line indicates the results of the test light source. The deviation from the test light source to the reference is shown and is marked by arrows. The shorter the arrows, the higher the color rendering.