

# JUST 45 MOVE IT 25 / 25 S / 45

050-0131118M



Project / Type

Notes

Count / Date



Cylindrical spotlight in aluminium; surface jet black powder coated; 360° rotatable and 90° tiltable; spotlight can be installed and moved without tools by means of magnetic holders+locking; power supplied via MOVE IT system track profile; hot plug protection; 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; good glare control through recessed light point level; incl. high quality lens system; precise radiation characteristic with 23° beam; degree of protection IP20; PC3; 48 V; non-dimmable; optical attachment available as accessory; accessories are listed separately; light source not replaceable;



### General

Ceiling | Track

tilt max 90°

rotation 360°

jet black | RAL 9005

IP20

914 lm

### LED

4000 K

CRI  $\geq 90$

L80 / 50000 h

initial MacAdam  $\leq 2$  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

medium | beam angle 23°

PstLM  $\leq 1.0$ <sup>1 2 3 4</sup> | SVM  $\leq 0.4$ <sup>1 2 3 4</sup>

### Electrical

non DIM

PC3 | 48 V

fixture 10.9 W

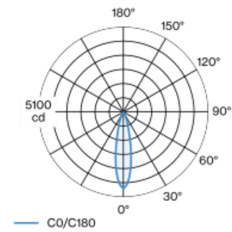
fixture 84 lm/W<sup>5</sup>

### Physical

diameter 45 mm | height 68 mm

0.2 kg

### Light distribution



medium 23°

h (m)	E0° (lx)	ø (m)
1	4600	0.40
2	1150	0.81
3	510	1.21
4	290	1.62
5	180	2.02

### Product drawing



<sup>1</sup> wallwasher lens BO 45 007-1965780  
<sup>2</sup> soft lens BO 45 007-1965980 <sup>3</sup> oval lens BO 45 007-1965880  
<sup>4</sup> Value of containing product at full load (undimmed)  
<sup>5</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.

## Optical accessories

### HONEYCOMB LOUVER

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
for BO 45   JUST 45   MOVE IN 45   TARO 45   TULA micro	jet black	42	007-1965188



## Optical accessories

### OVAL LENS

TYPE	Ø (MM)	ARTICLE NUMBER(S)
for BO 45   MOVE IN 45   TULA micro	42	007-1965880



### SOFT LENS

TYPE	Ø (MM)	ARTICLE NUMBER(S)
for ARY   BO 45   MOVE IN 45   TULA micro	42	007-1965980



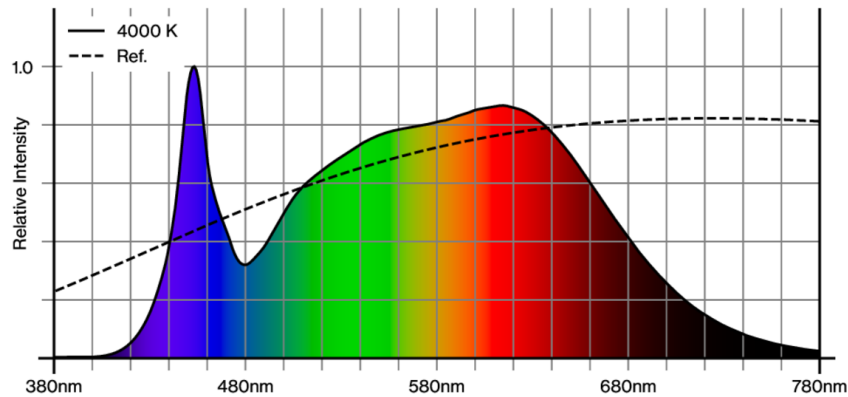
### WALLWASHER LENS

TYPE	Ø (MM)	ARTICLE NUMBER(S)
for ARY   BO 45   MOVE IN 45   TULA micro	42	007-1965780





Colour rendering



CRI/R<sub>a</sub> ≥ 91 R<sub>e</sub> ≥ 88 (4000 K)



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.