

# TARO 32 downlight

MOVE IT 10 round  
030-6740535F



Project / Type

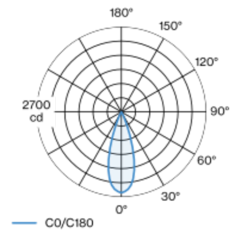
Notes

Count / Date



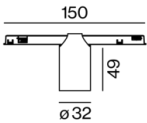
Cylindrical spotlight in aluminium; surface anodised gun metal; light inset can be installed and moved without tools by means of clip mount; power supplied via MOVE IT system track profile; hot plug protection; passive cooling of the LEDs through improved heat sink geometry; light colour 3000 K; binning 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; precise radiation characteristic with 34° beam; no multiple shadows; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC3; 48 V; DALI-2 control; flicker-free visual comfort through analogue current control (minimum value 1%); light source replaceable by an authorized professional;

## Light distribution



| flood 34° |          |       |
|-----------|----------|-------|
| h (m)     | E0° (lx) | ø (m) |
| 1         | 2570     | 0.61  |
| 2         | 640      | 1.21  |
| 3         | 290      | 1.82  |
| 4         | 160      | 2.42  |
| 5         | 100      | 3.03  |

## Product drawing



## General

Ceiling / Wall | Track

gun metal

IP20

788 lm

## LED

3000 K

CRI  $\geq 90$

L80 / 50000 h

initial MacAdam  $\leq 2$  SDCM

R<sub>g</sub>: 99 | R<sub>f</sub>: 90 | R<sub>[-15]</sub>: 87

MR 0.6 | MDER 0.54

## Optical

flood | beam angle 34°

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

## Electrical

DALI-2 | 1 DALI Addr.

PC3 | 48 V

fixture 9.6 W

fixture 82 lm/W<sup>5</sup>

## Physical

diameter 32 mm | height 60 mm

<sup>1</sup> oval lens BO 32 007-1965860

<sup>2</sup> wallwasher lens BO 32 007-1965760

<sup>3</sup> soft lens BO 32 007-1965960

<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



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## Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF               | 0.957  | 0.921  | 0.886  | 0.852  | 0.82   |
| 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 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       |



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## 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.