

# ARY cable suspended 2 lamps

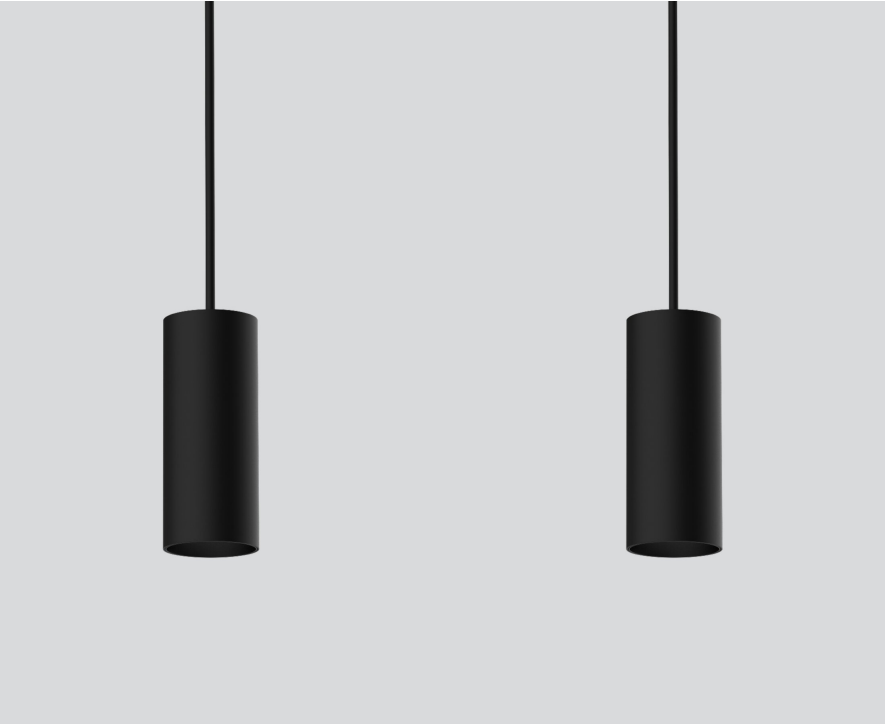
MOVE IT PRO  
086-73101387F



Project / Type

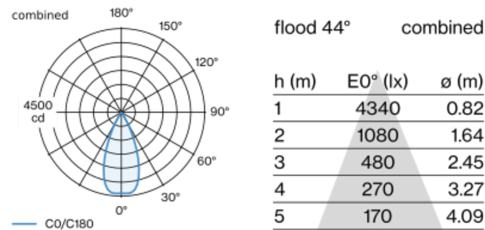
Notes

Count / Date

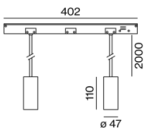


Decorative pendant light inset made of aluminium; 2 lamps; cylindrical spotlight heads; surface jet black powder coated; light inset, incl. high power adapter + converter can be installed flexibly and without tools; power supplied via MOVE IT PRO system track profile; pendant fitting with 2000mm suspension, incl. feed (jet black), can be individually shortened; shades available as accessory in RAL colours velvet beige, madeira brown, kingfisher grey, woodpecker olive, signal white or signal black; accessories are listed separately; 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  $\leq 3$  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 44° beam; degree of protection IP20; PC2; 220-240 V; DALI single control; flicker-free visual comfort through analogue current control (minimum value 1%); light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



## General

Ceiling | Track Suspended

jet black | RAL 9005

Converter Traffic White

IP20

2340 lm

## LED

4000 K

CRI  $\geq 90$

L80 / 50000 h

initial MacAdam  $\leq 3$  SDCM

R<sub>g</sub>: 96 | R<sub>f</sub>: 89 | R<sub>1-15</sub>: 89

MR 0.84 | MDER 0.76

## Optical

flood | beam angle 44°

PstLM  $\leq 1.0$ <sup>1 2 3 4 5</sup> | SVM  $\leq 0.4$ <sup>1 2 3 4 5</sup>

## Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 28.2 W

system 83 lm/W<sup>6</sup>

## Physical

cable 2000 mm

diameter 47 mm | height 110 mm

adapter 402 mm

<sup>1</sup> combined <sup>2</sup> oval lens BO 45 007-1965880  
<sup>3</sup> wallwasher lens BO 45 007-1965780  
<sup>4</sup> soft lens BO 45 007-1965980  
<sup>5</sup> Value of containing product at full load (undimmed)  
<sup>6</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	0.97	0.93	0.9	0.86	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.

### Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	17
B13	22
B16	28
C10	22
C13	27
C16	35

### Mounting accessories

#### RING ceiling mounted

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	50	050-0510217
jet black	50	050-0510218

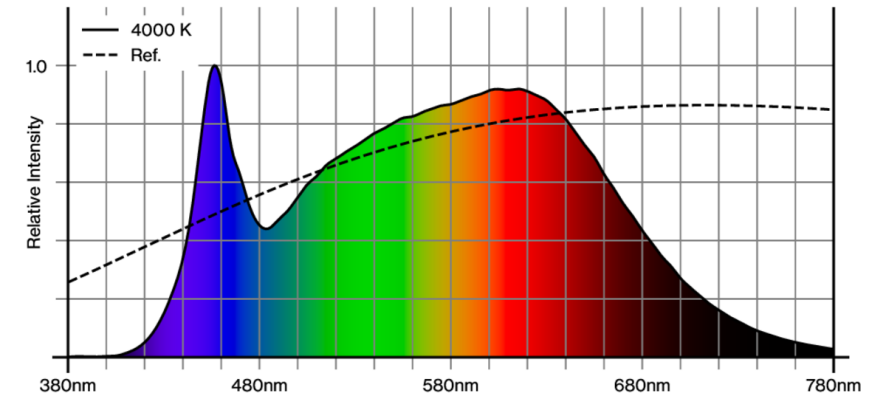


#### HOOK ceiling mounted

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	18	050-0510317
jet black	18	050-0510318



### Colour rendering



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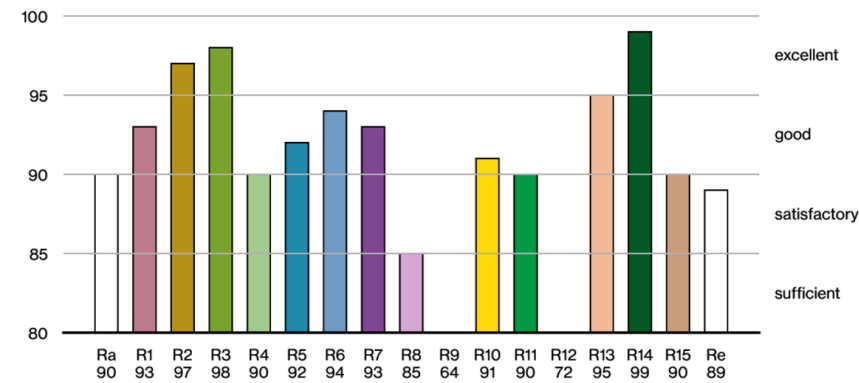


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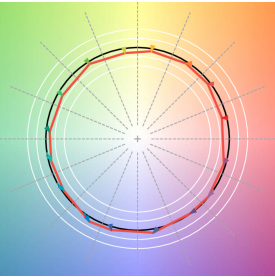
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CRI/R<sub>a</sub> ≥ 92 R<sub>e</sub> ≥ 89 (4000 K)



## 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.