

NOBA 60 suspended 1 lamp

MOVE IT PRO 45

086-71000348W



Project / Type

Notes

Count / Date



General

Ceiling | Track / Suspended

chrome

Converter jet black

IP20

1090 lm

LED

3000 K

CRI ≥ 90

L90 / 100000 h

≤ 2 SDCM (initial MacAdam)

R_g: 99 | R_f: 90 | R_{t(1-5)}: 87

MR 0.6 | MDER 0.54

Optical

wide flood | beam angle 67°

PstLM ≤ 1.0 ¹ | SVM ≤ 0.4 ¹

Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 9.9 W

system 110 lm/W²

Physical

length 60 mm | width 60 mm | height 60 mm

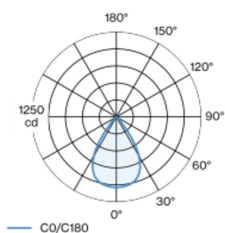
0.47 kg

adapter 402 mm

suspension 2000 mm

Decorative pendant light inset made of aluminium; 1 lamp; surface polished chrome; light inset, incl. high power adapter + converter can be installed flexibly and without tools; power supplied via MOVE IT PRO 45 system track profile; pendant fitting with 2000mm suspension, incl. feed (black), can be individually shortened; passive cooling of the LEDs through improved heat sink geometry; light colour 3000 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90 ; min. 90% of luminous flux after 100000 operating hours; energy efficient LEDs with high CRI; high quality plano-convex glass lens; beam angle 67°; no multiple shadows; degree of protection IP20; PC2; 220-240 V; DALI-2 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;

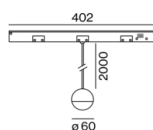
Light distribution



wide flood 67°

h (m)	EO [®] (lx)	ø (m)
1	1040	1.31
2	260	2.63
3	120	3.94
4	60	5.26
5	40	6.57

Product drawing



¹ Value of containing product at full load (undimmed)

² incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator



[086-71000348W] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply, available at www.xal.com/en/gtc.

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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.989	0.98	0.971	0.962	0.954
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

^a 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	27
B13	34
B16	43
C10	33
C13	42
C16	53

Mounting accessories

HOOK surface

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	16	030-1000017
jet black	16	030-1000018



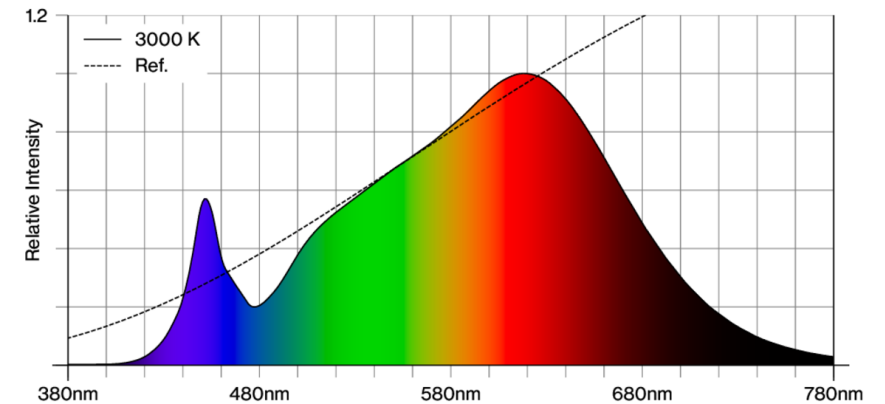
Mounting accessories

CABLE OPERATING TOOL

COLOUR	ARTICLE NUMBER(S)
white	086-7009117



Colour rendering



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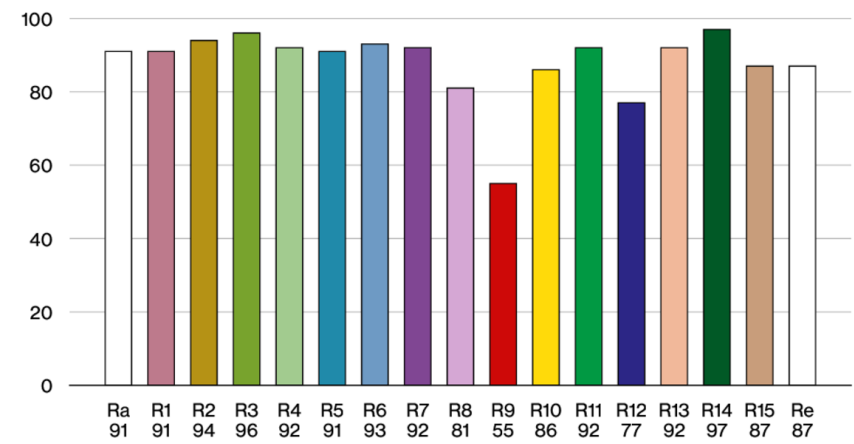


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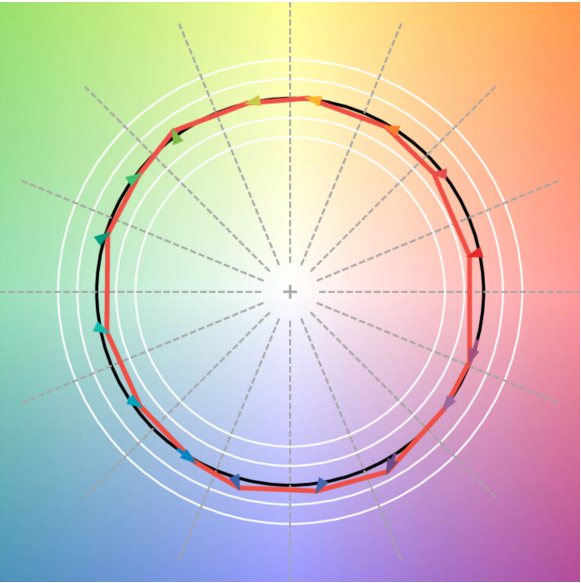
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CRI/R_a ≥ 91 R_e ≥ 87 (3000 K)



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.

