

# NOBA 60 suspended 3 lamps

MOVE IT PRO  
086-71202378W



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



Decorative pendant light inset made of aluminium; 3 lamps; surface traffic white 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 (black), can be individually shortened; passive cooling of the LEDs through improved heat sink geometry; light colour 3500 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; 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;



**General**

Ceiling | Track Suspended  
traffic white | RAL 9016 <sup>1</sup>  
Converter Jet Black  
IP20  
3010 lm

**LED**

3500 K  
CRI  $\geq 90$   
L80 / 50000 h  
initial MacAdam  $\leq 2$  SDCM  
R<sub>g</sub>: 97 | R<sub>r</sub>: 90 | R<sub>t(1-15)</sub>: 89  
MR 0.7 | MDER 0.63

**Optical**

wide flood | beam angle 67°  
PstLM  $\leq 1.0^2$  <sup>3</sup> | SVM  $\leq 0.4^2$  <sup>3</sup>

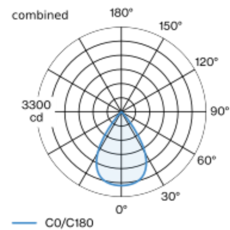
**Electrical**

DALI-2 | 1 DALI Addr.  
PC2 | 220-240 V  
system 28.8 W  
system 105 lm/W <sup>4</sup>

**Physical**

length 60 mm | width 60 mm | height 60 mm  
adapter 402 mm  
suspension 2000 mm

## Light distribution



wide flood 67° combined

h (m)	E0° (lx)	ø (m)
1	2860	1.31
2	720	2.63
3	320	3.94
4	180	5.26
5	110	6.57

## Product drawing



<sup>1</sup> RAL code <sup>2</sup> combined  
<sup>3</sup> Value of containing product at full load (undimmed)  
<sup>4</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	0.964	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	17
B13	22
B16	28
C10	22
C13	27
C16	35

## Mounting accessories

### HOOK surface

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

