

# NOBA 60 adjustable

MOVE IT 10

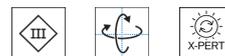
030-6820538



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

Notes \_\_\_\_\_

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



## General

Ceiling / Wall , Track \_\_\_\_\_

tilt max 90° \_\_\_\_\_

rotation 365° \_\_\_\_\_

jet black , RAL9005 <sup>1</sup> \_\_\_\_\_

IP20 \_\_\_\_\_

903 lm \_\_\_\_\_

## LED

3000 K \_\_\_\_\_

CRI ≥ 90 \_\_\_\_\_

L80 / 50000 h \_\_\_\_\_

initial MacAdam ≤ 2 SDCM \_\_\_\_\_

R<sub>g</sub>: 100 , R<sub>f</sub>: 91 , R<sub>f(1-15)</sub>: 88 \_\_\_\_\_

MR 0.59 \_\_\_\_\_

MDER 0.53 \_\_\_\_\_

## Optical

wide flood \_\_\_\_\_

beam angle 67° \_\_\_\_\_

## Electrical

DALI-2 \_\_\_\_\_

8.1 W \_\_\_\_\_

PC3 \_\_\_\_\_

111 lm/W \_\_\_\_\_

1 DALI Addr. \_\_\_\_\_

## Physical

diameter 60 mm \_\_\_\_\_

height 60 mm \_\_\_\_\_

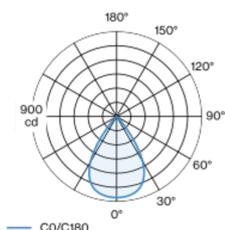
<sup>1</sup> RAL code

## Installation instructions



Decorative spotlight inset made of aluminium; surface jet black powder coated; 365° rotatable and 90° tiltable; 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 ≤ 2 SDCM; CRI ≥ 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; PC3; DALI-2 control; flicker-free visual comfort through analogue current control (minimum value 1%); light source replaceable by an authorized professional;

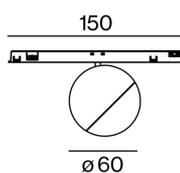
## Light distribution



wide flood 67°

h (m)	EO <sup>90</sup> (lx)	ø (m)
1	858	1.31
2	215	2.63
3	95	3.94
4	54	5.26
5	34	6.57

## Product drawing



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## Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.96	0.92	0.88	0.85	0.81
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 Faktor

<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.