

# NOBA 40 adjustable

MOVE IT 10

030-6800635



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

Notes \_\_\_\_\_

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



## General

Ceiling / Wall , Track \_\_\_\_\_  
 tilt max 90° \_\_\_\_\_  
 rotation 365° \_\_\_\_\_  
 gun metal \_\_\_\_\_  
 IP20 \_\_\_\_\_  
 429 lm \_\_\_\_\_  
 optical inset 136 lm/W<sup>1</sup> \_\_\_\_\_

## LED

4000 K \_\_\_\_\_  
 CRI ≥ 90 \_\_\_\_\_  
 L80 / 50000 h \_\_\_\_\_  
 initial MacAdam ≤ 2 SDCM \_\_\_\_\_  
 R<sub>g</sub>: 97 , R<sub>r</sub>: 90 , R<sub>(1-15)</sub>: 89 \_\_\_\_\_  
 MR 0.81 \_\_\_\_\_  
 MDER 0.74 \_\_\_\_\_

## Optical

wide flood \_\_\_\_\_  
 beam angle 69° \_\_\_\_\_  
 P<sub>stLM</sub> ≤ 1.0<sup>2</sup> \_\_\_\_\_  
 SVM ≤ 0.4<sup>2</sup> \_\_\_\_\_

## Electrical

DALI-2 \_\_\_\_\_  
 48 V \_\_\_\_\_  
 fixture 3.5 W \_\_\_\_\_  
 fixture 123 lm/W<sup>3</sup> \_\_\_\_\_  
 optical inset 3.2 W \_\_\_\_\_  
 PC3 \_\_\_\_\_  
 1 DALI Addr. \_\_\_\_\_

## Physical

diameter 40 mm \_\_\_\_\_  
 height 40 mm \_\_\_\_\_

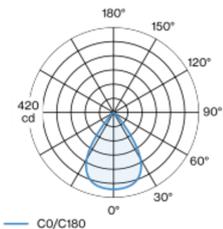
<sup>1</sup> OPTICAL INSET: incl. consideration of optical losses

<sup>2</sup> Value of containing product at full load (undimmed)

<sup>3</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

Decorative spotlight inset made of aluminium; surface anodised gun metal; 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 4000 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 69°; no multiple shadows; 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;

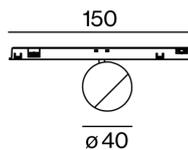
## Light distribution



wide flood 69°

h (m)	EO° (lx)	ø (m)
1	379	1.37
2	95	2.74
3	42	4.12
4	24	5.49
5	15	6.86

## Product drawing



## Installation instructions



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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.