

# NOBA 60 suspended 3 lamps

MOVE IT PRO  
086-71209368W



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

Notes \_\_\_\_\_

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



**General**

Ceiling , Track Suspended \_\_\_\_\_

brushed aluminium \_\_\_\_\_

Converter Jet Black \_\_\_\_\_

IP20 \_\_\_\_\_

2850 lm \_\_\_\_\_

**LED**

2700 K \_\_\_\_\_

CRI  $\geq 90$  \_\_\_\_\_

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

initial MacAdam  $\leq 2$  SDCM \_\_\_\_\_

R<sub>g</sub>: 99 , R<sub>r</sub>: 91 , R<sub>t(1-15)</sub>: 89 \_\_\_\_\_

MR 0.53 \_\_\_\_\_

MDER 0.48 \_\_\_\_\_

**Optical**

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

beam angle 67° \_\_\_\_\_

PstLM  $\leq 1.0^{1,2}$  \_\_\_\_\_

SVM  $\leq 0.4^{1,2}$  \_\_\_\_\_

**Electrical**

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

220-240 V \_\_\_\_\_

system 28.8 W \_\_\_\_\_

system 99 lm/W<sup>3</sup> \_\_\_\_\_

PC2 \_\_\_\_\_

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

**Physical**

length 60 mm \_\_\_\_\_

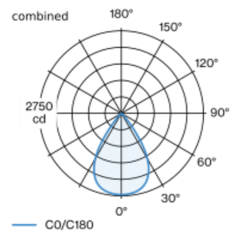
width 60 mm \_\_\_\_\_

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

adapter 402 mm \_\_\_\_\_

suspension 2000 mm \_\_\_\_\_

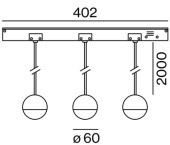
## Light distribution



wide flood 67° combined

| h (m) | EO <sup>2</sup> (lx) | ø (m) |
|-------|----------------------|-------|
| 1     | 2710                 | 1.31  |
| 2     | 680                  | 2.63  |
| 3     | 300                  | 3.94  |
| 4     | 170                  | 5.26  |
| 5     | 110                  | 6.57  |

## Product drawing



<sup>1</sup> combined <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.

## 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.

### 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

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

