

# NOBA 50

multi suspended  
049-54130147W



Project / Type

Notes

Count / Date



Decorative suspended luminaire in aluminium; surface polished chrome, brushed aluminium or powder coated; pendant fitting with suspension, incl. feed (black or white); can be individually shortened; round ceiling surface mounted canopy (black or white) optionally for two to five lamps or two to ten lamps fittings; or linear ceiling surface mounted canopy (black or white) optionally for two to five lamps fittings; high quality plano-convex glass lens; energy-efficient LEDs with very good colour rendering; canopy for through wiring; converter included in canopy; ceiling mounting rings for multiple positioning of the luminaire in the room available as accessory



### General

chrome

Cable traffic white

IP20

342 lm

### LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 99 | R<sub>f</sub>: 90 | R<sub>f[1-5]</sub>: 87

MR 0.6 | MDER 0.54

### Optical

wide flood | beam angle 67°

P<sub>stLM</sub> ≤ 1.0 <sup>1</sup> | SVM ≤ 0.4 <sup>1</sup>

### Electrical

PC3 | 220-240 V

system 3.2 W | fixture 2.4 W

system 107 lm/W <sup>2</sup> | fixture 143 lm/W <sup>3</sup>

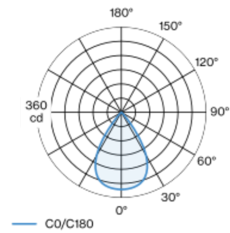
300 mA

### Physical

diameter 50 mm | height 50 mm

cable length 2500 mm

### Light distribution



wide flood 67°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1     | 325      | 1.31  |
| 2     | 81       | 2.63  |
| 3     | 36       | 3.94  |
| 4     | 20       | 5.26  |
| 5     | 13       | 6.57  |

### Product drawing



<sup>1</sup> Value of containing product at full load (undimmed)  
<sup>2</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency  
<sup>3</sup> incl. consideration of optical losses & internal control unit losses





## 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                            | 18                 |
| B16                            | 30                 |
| C10                            | 23                 |
| C16                            | 36                 |

## Mounting accessories

### CANOPY multi linear

| TYPE       | COLOUR        | L-W-H (MM) | ARTICLE NUMBER(S) |
|------------|---------------|------------|-------------------|
| 2-5 insets | traffic white | 1000-34-50 | 005-2692037       |
| 2-5 insets | jet black     | 1000-34-50 | 005-2692038       |
| 2-5 insets | traffic white | 1000-34-50 | 005-2692097       |
| 2-5 insets | jet black     | 1000-34-50 | 005-2692098       |



## Mounting accessories

### CANOPY WITH SLOTS multi round

| TYPE        | COLOUR        | Ø (MM) | ARTICLE NUMBER(S) |
|-------------|---------------|--------|-------------------|
| 2-5 insets  | traffic white | 380    | 005-2690037       |
| 2-5 insets  | jet black     | 380    | 005-2690038       |
| 2-5 insets  | traffic white | 380    | 005-2690097       |
| 2-5 insets  | jet black     | 380    | 005-2690098       |
| 2-10 insets | traffic white | 380    | 005-2690137       |
| 2-10 insets | jet black     | 380    | 005-2690138       |
| 2-10 insets | traffic white | 380    | 005-2690197       |
| 2-10 insets | jet black     | 380    | 005-2690198       |



## Mounting accessories

### CANOPY WITHOUT SLOTS multi round

| TYPE        | COLOUR        | Ø (MM) | ARTICLE NUMBER(S) |
|-------------|---------------|--------|-------------------|
| 2-5 insets  | traffic white | 380    | 005-2691037       |
| 2-5 insets  | jet black     | 380    | 005-2691038       |
| 2-5 insets  | traffic white | 380    | 005-2691097       |
| 2-5 insets  | jet black     | 380    | 005-2691098       |
| 2-10 insets | traffic white | 380    | 005-2691137       |
| 2-10 insets | jet black     | 380    | 005-2691138       |
| 2-10 insets | traffic white | 380    | 005-2691197       |
| 2-10 insets | jet black     | 380    | 005-2691198       |



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### HOOK surface

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

