



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**

gun metal \_\_\_\_\_

Cable jet black \_\_\_\_\_

IP20 \_\_\_\_\_

322 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 69° \_\_\_\_\_

PstLM ≤ 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 101 lm/W <sup>2</sup> | fixture 135 lm/W <sup>3</sup> \_\_\_\_\_

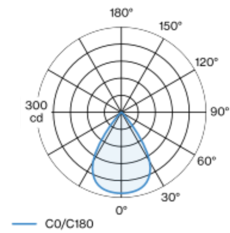
300 mA \_\_\_\_\_

**Physical**

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

cable length 2500 mm \_\_\_\_\_

Light distribution



wide flood 69°

h (m)	EO <sup>2</sup> (lx)	ø (m)
1	285	1.37
2	71	2.74
3	32	4.12
4	18	5.49
5	11	6.86

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



NOBA 40

multi suspended

049-54100158W



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HOOK surface

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

