

# NEVA disc 800 sensor light acoustic

suspended  
091-31816B8R 091-321110B



Project / Type

Notes

Count / Date



Acoustic element made of high quality, self-supporting, at least 50 % recycled PET felt with sound absorbing properties; round design; high quality visual and tactile surface with embossed pattern; absorption of direct sound and sound reflected from the ceiling; this creates high acoustic performance; pendant fitting with MITA circle 240 acoustic suspended (LUMINAIRE or BLIND SUSPENSION); LUMINAIRE: ring shaped luminaire housing in die-cast aluminium; extremely slim design; surface powder coated; suspended; with height adjustable rod suspension (chrome), feed in rod; electronic operating unit installed in the canopy; high gloss reflector with faceted design; energy-efficient LEDs with very good colour rendering; optionally with sensor



**General**  
jet black | RAL 9005 <sup>1</sup>  
Acoustic colour anthracite  
IP20  
2380 lm

**LED**  
4000 K  
CRI ≥ 80  
L90 / 50000 h  
initial MacAdam ≤ 3 SDCM  
MR 0.72 | MDER 0.65

**Optical**  
Reflector chrome | symmetric  
UGR ≤ 19 | ≥65° <1500 cd/m²  
PstLM ≤ 1.0 <sup>2</sup> | SVM ≤ 0.4 <sup>2</sup>

**Electrical**  
DALI-2 ESSENTIAL sensor | 1 DALI Addr.  
brightness & presence  
PC1 | 220-240 V  
system 15.0 W  
system 159 lm/W <sup>3</sup>

**Physical**  
rod 977 mm  
diameter 240 mm | height 45 mm

## Light distribution



## Product drawing



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



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## Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.96	0.94	0.92	0.9
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

## Components

### NEVA disc 800

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
anthracite	800	091-321110B

