

# NEVA disc 800 light acoustic

suspended

091-3181538B 091-321110L



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 black \_\_\_\_\_

IP20 \_\_\_\_\_

1500 lm \_\_\_\_\_

## LED

3000 K \_\_\_\_\_

CRI ≥ 80 \_\_\_\_\_

L90 / 50000 h \_\_\_\_\_

initial MacAdam ≤ 3 SDCM \_\_\_\_\_

MR 0.56 | MDER 0.51 \_\_\_\_\_

## Optical

Reflector dark chrome | symmetric \_\_\_\_\_

UGR ≤ 19 | ≥65° <1500 cd/m<sup>2</sup> \_\_\_\_\_

PstLM ≤ 1.0 <sup>2</sup> | SVM ≤ 0.4 <sup>2</sup> \_\_\_\_\_

## Electrical

DALI-2 | 1 DALI Addr. \_\_\_\_\_

PC1 | 220-240 V \_\_\_\_\_

system 15.0 W \_\_\_\_\_

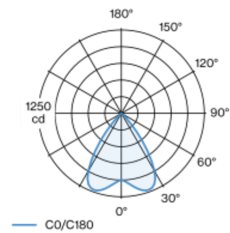
system 100 lm/W <sup>3</sup> \_\_\_\_\_

## Physical

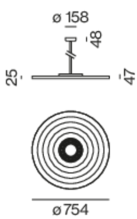
rod 977 mm \_\_\_\_\_

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) |
| black  | 800    | 091-321110L       |

