

**Datasheet**  
**4812601**

**Nivo Pendelleuchte Einbau 50° schwarz**

A novel form of lighting: The Nivo® luminaire series offers uniform high-precision illumination with a clearly defined beam angle and a gently tapering light cone. The key to this innovation lies in an advanced High-Tech hybrid lens, which serves as the core of the luminaire series. It operates on an innovative optical principle that optimally combines the physical phenomena of refraction and reflection. Precisely calculated micro facets redirect the light rays before they exit, ensuring even, streak-free light distribution. This results in a pleasing, glare-free light with natural shadows. The lens's facets form an organically inspired ornament, providing an exquisite contrast to the minimalist design. Thanks to its wide range of variations, a suitable solution can be found for any application within the object. Those in search of a sophisticated lighting solution that excels in both aesthetics and functionality while boasting exceptional durability will discover an appealing new alternative in the Nivo® luminaire series.



Dimmable yes

Recommended dimmer: [www.sigor.de/dimmerliste](http://www.sigor.de/dimmerliste)

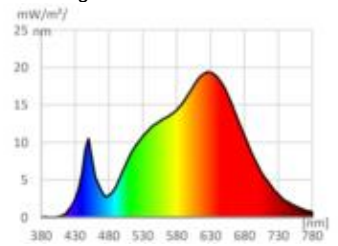
|             |                    |
|-------------|--------------------|
| 950 lm      | luminous flux [lm] |
| 14,00 Watt  | rated power        |
| 3000-1800 K | colour temperature |
| Ra>90       | colour rendering   |
| 3 sdcm      | colour consistency |
| 50°         | beam angle         |

|           |                                |
|-----------|--------------------------------|
| schwarz   | Colour housing                 |
| IP30      | type of protection             |
| 0° - 30°C | temperature range in operation |

|              |   |
|--------------|---|
| 0,9          | power factor                                    |
| 220-240 V AC | voltage   |
| 50-60 Hz     | operating frequency                             |
| 66 mA        | current   |
| 14 kWh/1000h | energy consumption                              |
| 0,2 s        | warm-up time up to 60% of the full light output |
| 0,1 s        | starting time                                   |

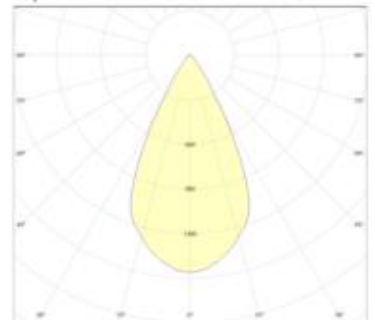
|            |   |
|------------|---|
| Ø 50.000 h | nominal life time                                       |
| L80B10     | rated life time L70/B50                                 |
|            | lumen maintenance factor at the end of the nominal life |

Spectral power distribution  
in the range 180 - 800 nm



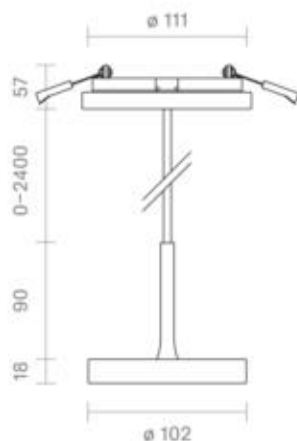
[www.sigor.de](http://www.sigor.de)

LED: Bridgelux Vesta Series Dim-To-Warm  
Optik: Bartenbach Linse 50° UGR 15



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**Manual:**

[https://shop.sigor.de/media/pdf/4812601\\_manual.pdf](https://shop.sigor.de/media/pdf/4812601_manual.pdf)

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