

# Nano LED

## LED



Nano LED luminaire is a good example of Eco-design. Nano concept is based on the miniaturisation, this luminaire combines a reduction in the amount of raw material used in its production with energy efficient LED technology, combined with the photometric performance of the Schröder Lenso-Flex®2 engine makes it a simple and functional combination.

### BaseDim

Ensto BaseDim -solution makes energy saving easy without compromising safety or area lighting. BaseDim drops light output 50% during 8 hours in dark time. It's automatic and simple, but gives you benefits in energy saving.

### SmartDim

Ensto SmartDim is a programmable dimming solution which gives you optimized energy saving and light output when and where it's needed. You can choose maximum of 5-steps and levels during the dark hours.

### Owlet

Owlet is a tailor made solution for IoT in outdoor lighting. Ensto Luminaires with Owlet are connected to cloud based UI which gives you remote access to monitor and control your outdoor fleet of luminaires.



“Nano LED is suitable for all kinds of public lighting, on streets and roads, almost everywhere.”



### Structure

- › Body powder-coated, high-pressure die-cast aluminium
- › Glass protector
- › Colour: Akzo 900 grey

### Technical information

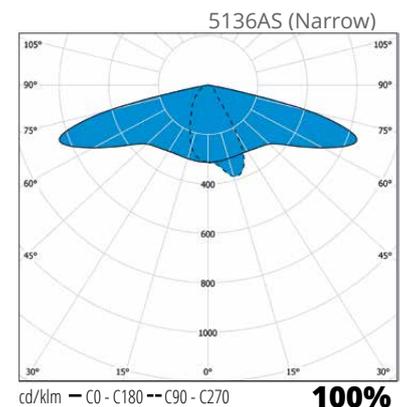
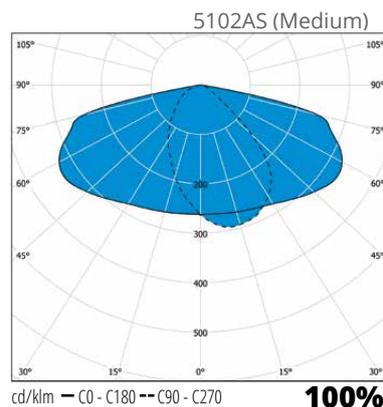
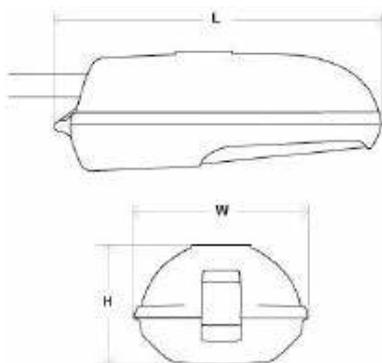
- › Colour rendering index CRI>70, 4000 K, power factor > 0,9
- › Scattered light output 0 %
- › Lifetime of LED-module 100 000h  $T_a=25\text{ }^\circ\text{C}$ : 350mA & 500mA (L90B10); 700mA (L80B10)
- › Ambient temperature  $-40\text{ }^\circ\text{C}$  -  $+35\text{ }^\circ\text{C}$
- › Over voltage protection 4kV
- › DALI + CLO

### Mounting

- › To  $\varnothing$  48 mm spigot. Fixing with 2 screws.
- › Tool free access to electrical parts
- › An integrated hinge designed for easy maintenance on-site

### Made to order

- › In Schröder selection you will find if needed more power-, optics- and control options



E Number	Type	Product name	Base	Kg	Length	Width	Height	Windage	Luminous flux
<b>Nano LED</b>									
45 344 20	NANO2L-000343	NANO2L 16LED 26W 4000K 5102	LED	3,0	440	215	169	0,032 m <sup>2</sup>	2800 lm
45 344 21	NANO2L-000344	NANO2L 16LED 26W 4000K 5136	LED	3,0	440	215	169	0,032 m <sup>2</sup>	2800 lm
45 344 22	NANO2L-000345	NANO2L 24LED 38W 4000K 5102	LED	3,0	440	215	169	0,032 m <sup>2</sup>	4100 lm
45 344 23	NANO2L-000346	NANO2L 24LED 38W 4000K 5136	LED	3,0	440	215	169	0,032 m <sup>2</sup>	4100 lm

Luminaire's luminous flux and connected power are indicative values and they can vary depending on optics, diffuser and ambient temperature. The values have been given according to the tolerances mentioned in international standards (IEC62717).

