

LUMO[®]

feel the difference

LED Module Lights NEOSIGN-L2 & L3



IP66
FIVE-YEAR
5
WARRANTY



LED Module Lights NEOSIGN-L2 & L3

Ideal for light boxes and channel letters with a depth of 50 - 100 mm. To achieve uniform illumination only 25 modules/1m² of construction is enough. For equal to double depth of construction our NEOSIGN is strong enough to give you the best performance that you expect.

For a depth of 100mm:

- Distance between center of modules is 200mm.
- Power consumption is 18W/m² .
- Increased brightness 70Lux.
- Color temperature 7500k.

Features

LUMO high-efficiency signage LED modules, the solution delivers perfect performance for channel letter and box sign applications.

LUMO Neo-Sign LED modules performance with comparing to the other standard neon or fluorescent lamps or even other LED modules is:

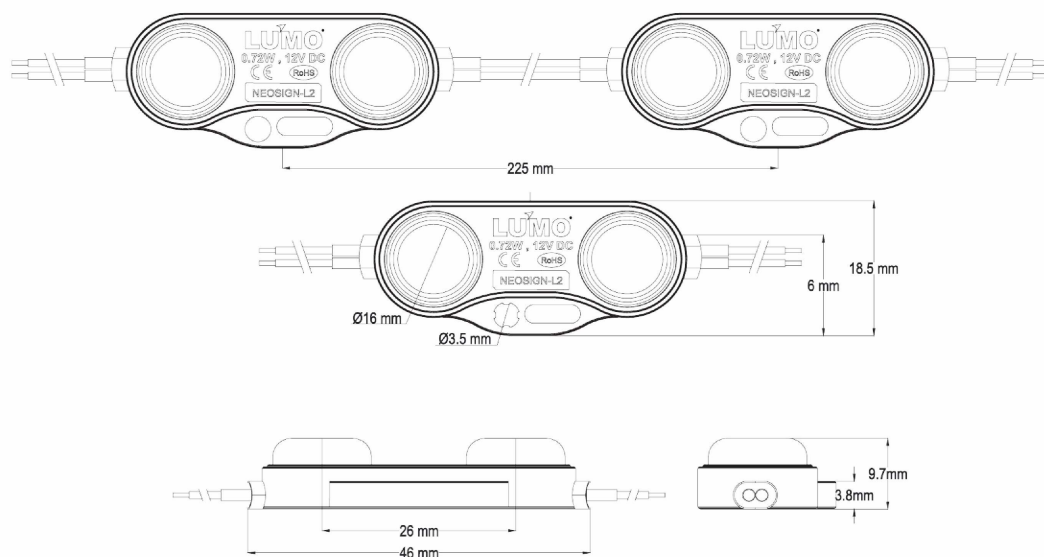
- With the new optics the distances between centers of the module is equal or double the depth of construction.
- For a depth of 100 mm distance between centers of the modules: 200 mm.
- The smallest quantity of modules per 1/m² on the market.
- Highly energy saving (only 1.4W per module for Neo-Sign 3).
- Easier to use and install.
- Less frequent maintenance needed (Average 5 Years).
- Uniformity in illuminations across the signs.
- More consistent brightness in different lines.



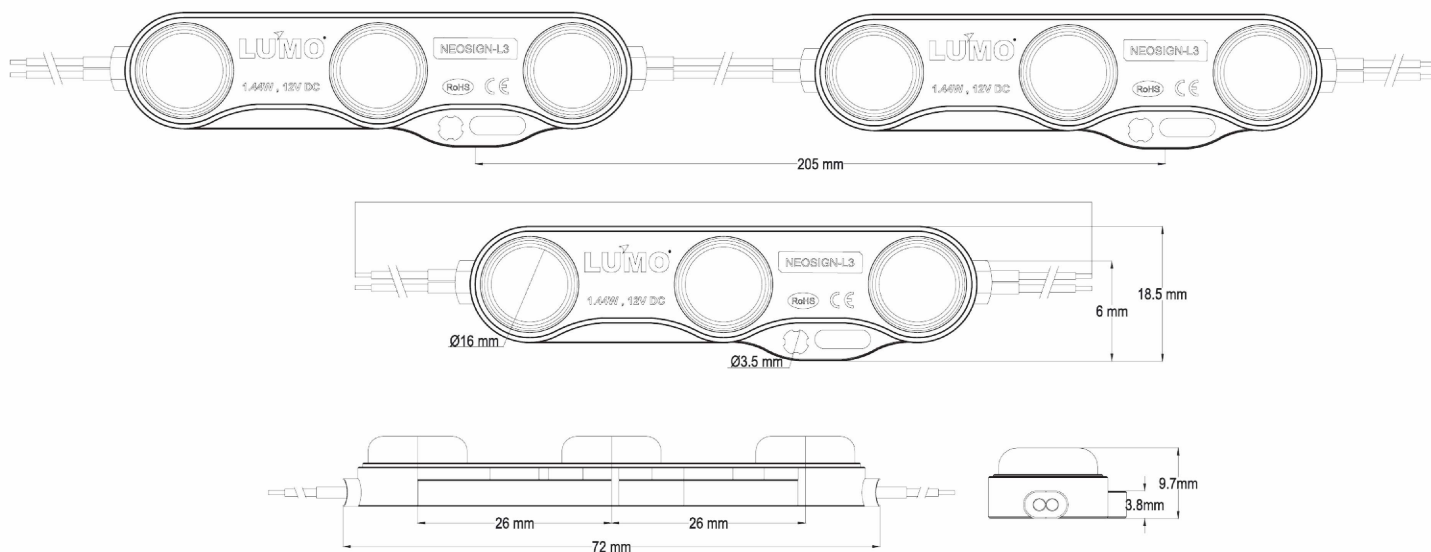
LED Module Lights NEOSIGN-L2 & L3

Dimensions

NEOSIGN - L2



NEOSIGN - L3



Specifications

- High performance 2835 LED chip
- Input voltage: 12V DC
- Power 0.72 / 1.44W
- Beam angle: 160°
- Luminous efficacy: 97 lm/ W
- CCT: 7500K
- Life span > 40,000 hours
- Maximum Tj temperature < 80°C
- Working temperature: -30~ + 70°C
- Special polycarbonate lens with transmittance > 88%
- HB fire protection level
- CE & ROHS certification
- IP 66 protection

Benefits

- Light decay <30% after 40000 H
- Each module includes self adhesive 3M tape
- 100% covered with lens
- Well engineered to optimize thermal and photometric performance
- minimizing cost with low power
- Wide angle (160°) light distribution
- 5 years warranty

NEOSIGN-L2 & L3

Technical information

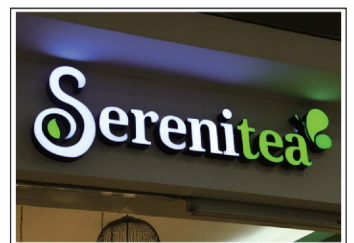
Colors available	○	○
Power	0.72 W	1.4 W
Light output	70 lm	140 lm

LED Type	2835
Power Supply	12V DC
Color Temperature	○ 7500 K
Beam Angle	160°
Protection	IP66
Working Temperature	-30 + 70 °C

Installation

- Light boxes and channel letters.
- Recommended installation depth is 50 - 100 mm.
- Architectural lighting using aluminum profiles.
- Cove lighting

Different applications



Illumination Table

Installation Depth	Illuminance	Distance Between Centers	Quantity per 1 sq m	Power per 1 sq m
50 mm	3400 lux	100 mm	100 pcs.	72 W
60 mm	2350 lux	120 mm	69 pcs.	50 W
70 mm	1870 lux	140 mm	51 pcs.	37 W
80 mm	1440 lux	160 mm	39 pcs.	28 W
90 mm	1120 lux	180 mm	31 pcs.	22 W
100 mm	960 lux	200 mm	25 pcs.	18 W

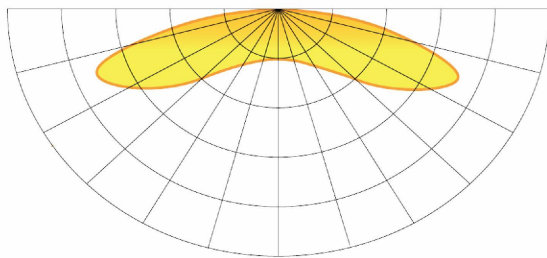
Packing Information (NEOSIGN - L2)

Packing Type	Chain	Package	Box
Quantity	20 pcs.	100 pcs.	800 pcs.
Weight	0.185 kg	0.94 kg	7.925 kg
Dimension (cm)	366 cm	22 x 32 x 5.5 cm	35 x 25 x 23 cm

Packing Information (NEOSIGN - L3)

Packing Type	Chain	Package	Box
Quantity	20 pcs.	100 pcs.	600 pcs.
Weight	0.265 kg	1.335 kg	8.39 kg
Dimension (cm)	415 cm	22 x 32 x 85 cm	35 x 25 x 23 cm

Photometric Diagrams



Beam angle: 160°

