

NEOLINE N1



Ideal solution for **ultra thin** light boxes and channel letters with a depth of **30-60 mm**.
 Due to professional optics **only 69 modules** per square meter is enough for the uniform illumination.
 Starting from the depth of 60 mm a distance between centers of modules - 120 mm.
 At least **TWICE LESS** modules and consumed power per square meter.
 Provides great savings on installation time.
 Increased brightness - 35 lm.
 Various color solutions available ●7500K ●●●●●

Specially designed for:

- Ultra thin light boxes and channel letters
- Recommended installation depth is 30 - 60 mm

Features:

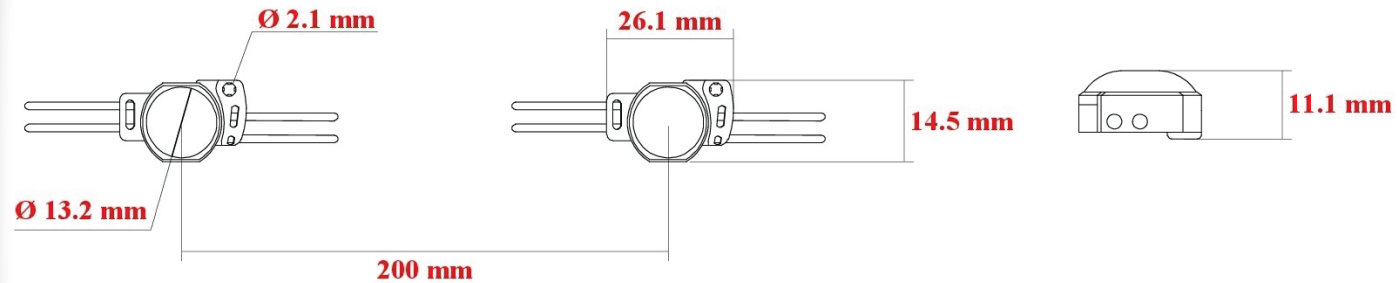
- The **smallest quantity** of modules per square meter **on the market !**
- Power consumption is only 25 W per square meter.
- Special polycarbonate lens with light transmittance > 88%
- Efficiency up to **100 lm/W**
- Maximum Tj temperature < 80 °C
- **LM80** international certificate for LEDs
- HB fire protection level
- High protection level of IP66
- Light decay < 30% after **50,000 hrs**
- **5 years warranty**



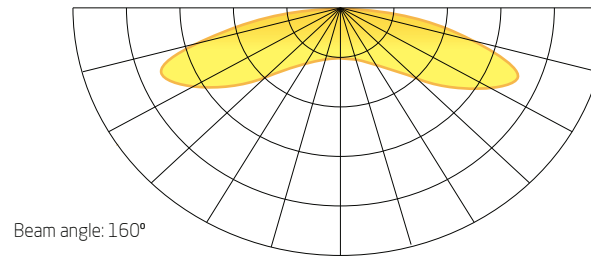
www.kaisenelectric.com

KAISEN

Dimensions



Light distribution graph



Technical information

Colors available:	○ ● ● ● ●
Power	0,36 W
Light output	35 lm
LED type	2835
Input	12VDC
Color temperature	○ 7500K
Beam angle	160°
Protection level	IP 66
Working temperature	-30 +50 °C

Packing information

Packing type	Chain	Package	Box
Quantity	20 pcs	100 pcs	3000 pcs
Weight	0,08 kg	0,4 kg	18 kg

Illumination table

Installation depth	Illuminance	Distance between centers	Quantity per 1 sq m	Power per 1 sq m
30 mm	5000 lux	50 mm	400 pcs	144 W
40 mm	2800 lux	80 mm	156 pcs	56 W
50 mm	2000 lux	100 mm	100 pcs	36 W
60 mm	1500 lux	120 mm	69 pcs	25 W
70 mm	1200 lux	120 mm	69 pcs	25 W
80 mm	1150 lux	120 mm	69 pcs	25 W