

Monolens



- Ideal for light boxes and volumetric letters with a depth of 150 mm or more. To achieve uniform illumination, only 16 modules per 1 square meter of the product are enough. For a depth of 120 mm, the module installation step is 240 mm.
- Energy consumption – 24 W/m².
- Increased brightness - 145 lm.

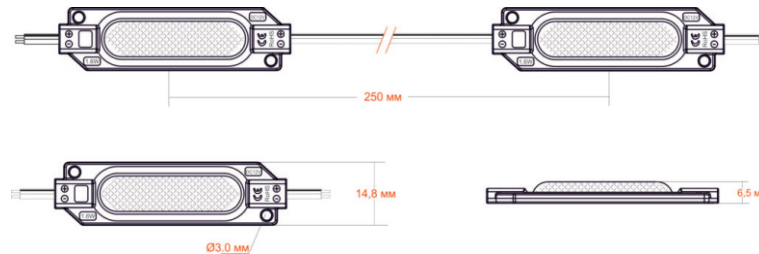
Installation:

- Light boxes and volumetric letters
- The recommended installation depth is 90-150 mm

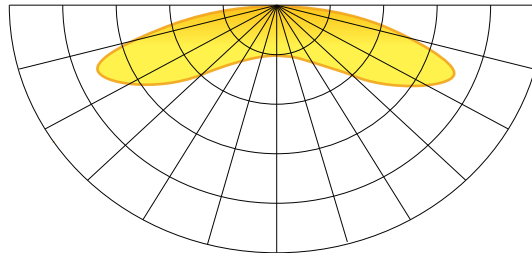
Features and benefits:

- Special polycarbonate lens with light transmission > 88%
- Maximum temperature T_j 65°C
- Brightness drop < 30% after 40,000 hours.
- CRI over 70
- High level of protection Ip67
- 3-year warranty

Installation size and step



Light scattering angle



Scattering angle: 160°

Technical information

Available colors:	○
Power	1,6W
Light flux	170 lm
Crystal type	2835
Operating voltage	12VDC
Glow temperature	○ 7000 K
Scattering angle	160°
Protection class	IP 65
Working temperature	-25 +60 °C

Packaging information

Packaging	Weight	In the package	In a box
Number	20 PCS	200 PCS	1600 PCS
Weight	0,3 kg	2,24 kg	17,7 kg



Illumination table

Installation depth	luminosity	Installation step by centers of modules	Number per 1 m ²	Power per 1 m ²
90 mm	1940 lx	180 mm	36 PCS	54 W
100 mm	1620 lx	200 mm	25 PCS	38 W
120 mm	1200 lx	240 mm	16 PCS	24 W
150 mm	1020 lx	240 mm	16 PCS	24 W