FINIKS-L1

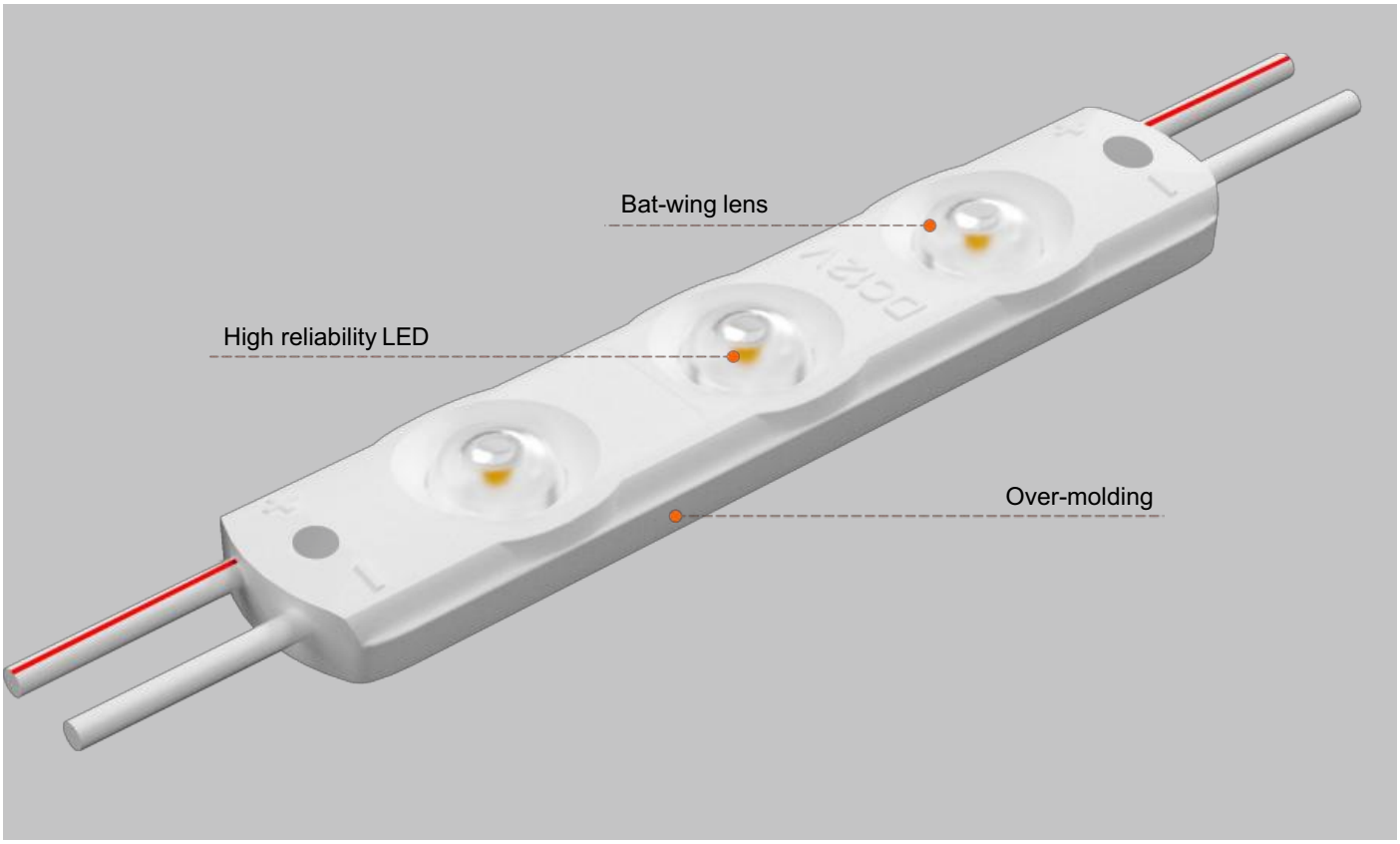
Areas of application

- Signage and illuminated advertising.
- Backlighting of channel letters and light box.
- Best for 50mm to 150mm depth (2inch to 6inch).

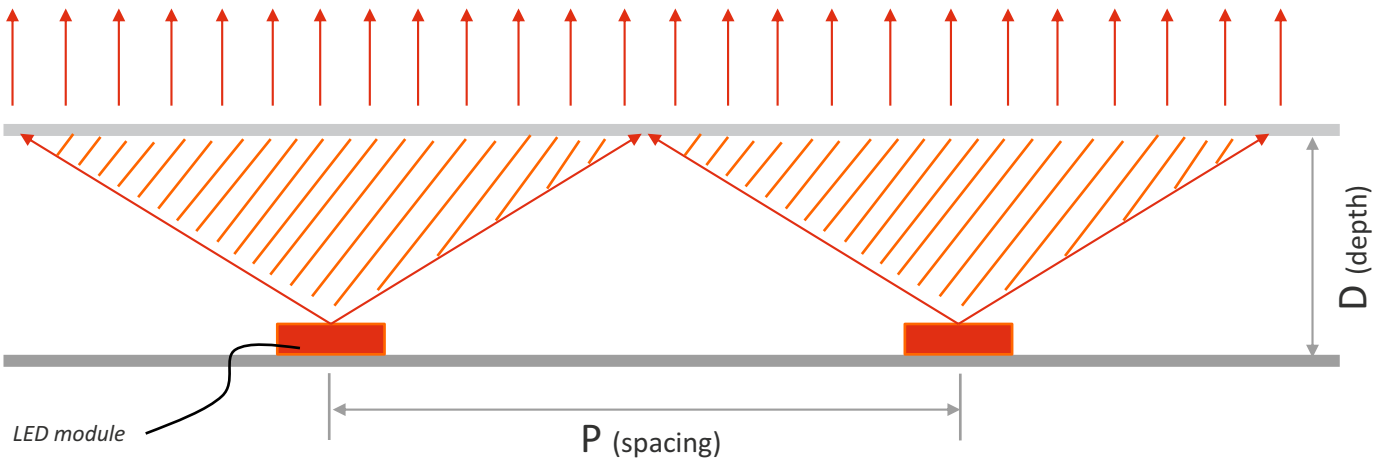
Product main benefits

- Good optics (bat-wing lens) design to achieve good optical performance.
- 3 Years warranty.
- IP66

FINIKS-L1



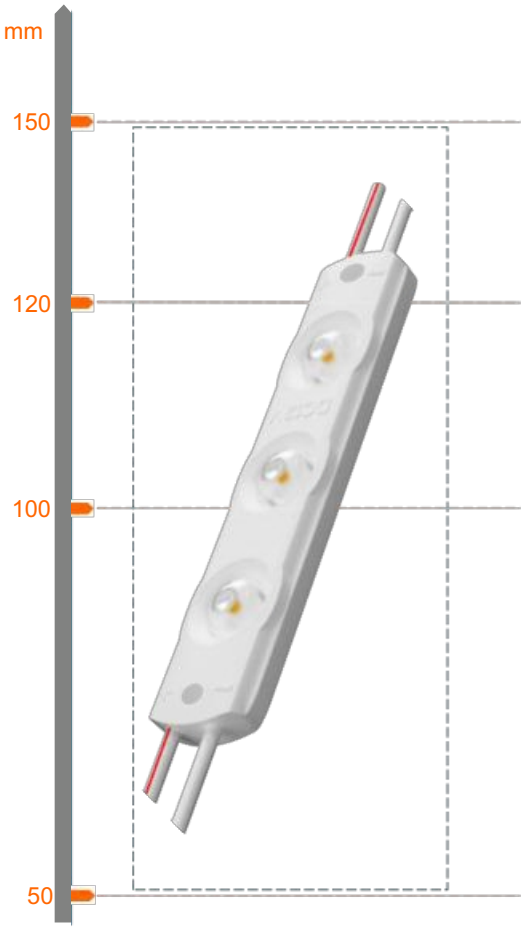
Optics Technology

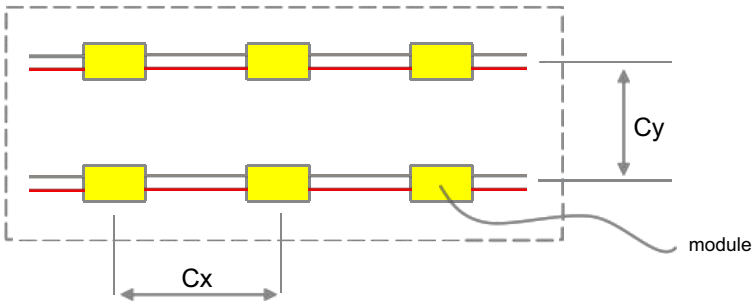


D/P = 1:1.6

- The proportion of “P” and “D” can show the performance of lens optics design.
- The bigger proportion, the wider light spot.

Application





Depth	Cx	Cy	Surface illuminance
60mm	100mm	80mm	~2100lux
100mm	140mm	100mm	~1500lux
120mm	160mm	130mm	~1000lux

Electrical

Product Description	Typical Voltage	Energy Consumption (W/module)	Energy Consumption (W/chain)	Additional Information (modules/chain)
Finiks - L1	12VDC	1.2	20	20

Remark:

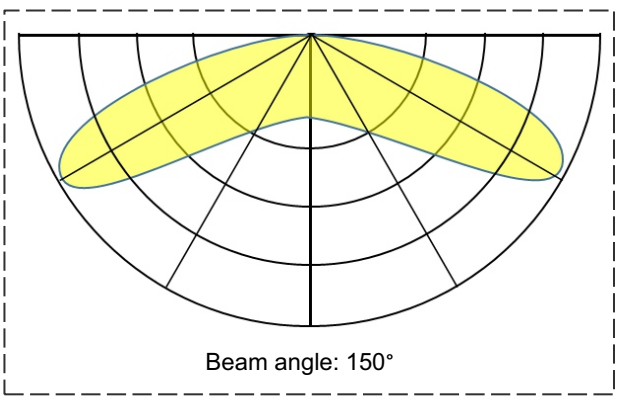
1. Ranking att$_a$= 25℃.
2. Constant voltage design.

Product Description	Module power	Light color (designation)	Color (CCT, wavelength)	Typical Brightness (lumen/module)	Typical Brightness (lumen/chain)
Finiks - L1	1.2W	White	6500K	120	2000
Finiks - L1	1.2W	White	10000K - 14000K	114	2000

1. Ranking at t_a= 25℃.
2. Tolerance of measurements for brightness is ±10%, tolerance of measurements for the Chromaticity Coordinate is ±0.01; the tolerance of CCT should be calculated accordingly, Ra>70.

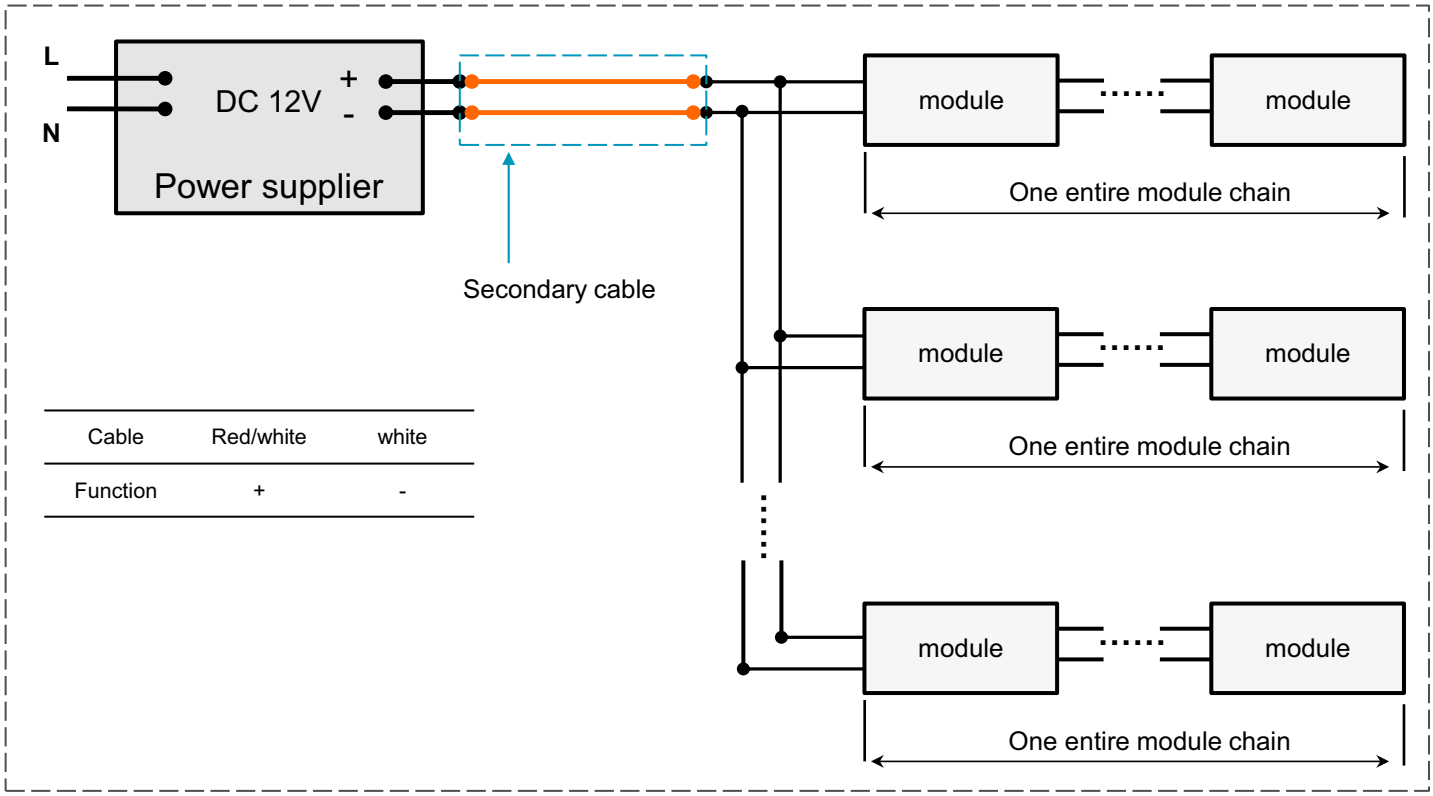
Application Conditions and light distribution

Operating Environment (t_a)	-25°C to +60°C
Storage Temperature Range (t_s)	-40°C to +85°C
IP Rating	IP66
Lifetime (L70B50)	30,000 hours
tc temperature	80℃
Dimming mode	Dimmable
Cutting Resolution	Cut on wire between every module

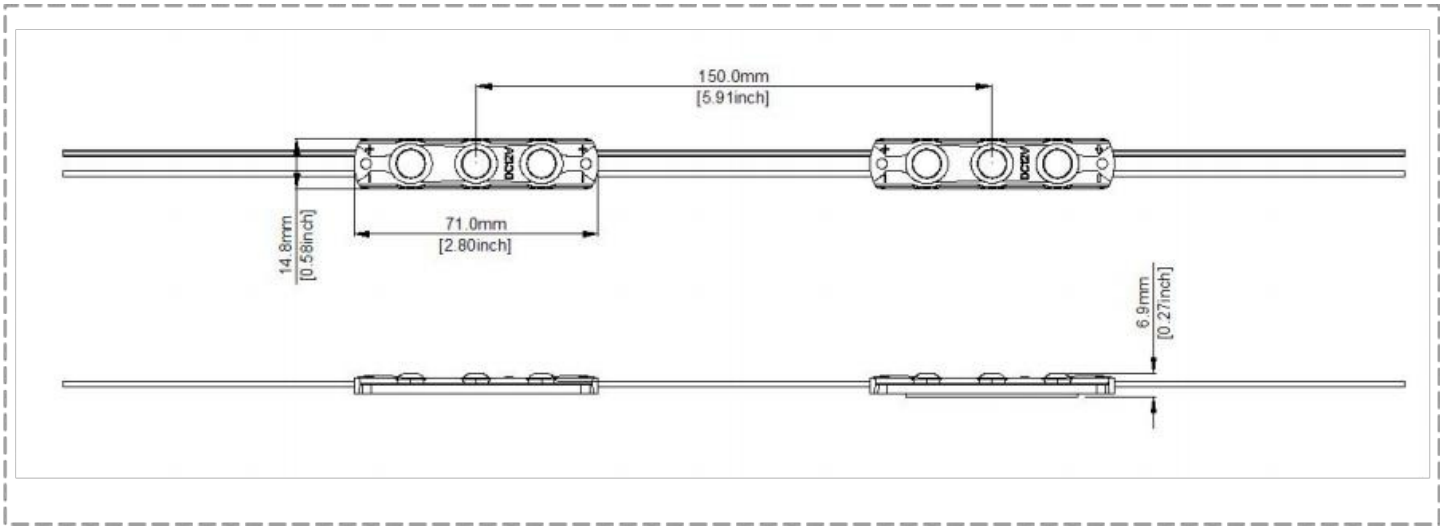


Beam angle: 150°

Wiring Method



Drawing



Package and additional information

PRODUCTS	Package unit (modules/carton box)	Carton box Dimensions (length x width x height)
Finiks - L1	2000	52 x 37 x 26 cm

Additional product information

- Installation of LED modules (with power supplies) needs to be made under consideration of all valid regulations and norms.
- Installation by qualified electrician only.
- Parallel connection is mandatory for safe electrical operation. Serial connection of LED modules is discouraged. Unbalanced voltage drop in serial connection can cause hazardous overload
- Electrical contact is achieved with the contact cables or the terminals of the module. Please refer to the technical data for maximum number of LED modules that can be operated on one control gear.
- To avoid mechanical damage, the LED modules have to be attached securely to the intended mounting surface. It is recommended to avoid heavy vibration.
- LED modules are dimmable by means of PWM (pulse width modulation).