



- ALED1W170-DL

Product features

- 12VDC
- 155 lm/module (white)
- 155 lm/W (white)
- Beam angle 175°
- CE marked and UL listed

Electrical data

Product Description	Typical Voltage	Energy Consumption (W/module)	Energy Consumption (W/chain)	Connecting Quantity (modules/chain)	Energy Consumption (W/ft.)
ALED1W170-DL	12VDC	1	30	30	1.6

Photometrical data

Product Description	Light color (designation)	Color (CCT)	Color Rendering Index	Typical Brightness (lumen/module)	Typical Brightness (lumen/chain)	Typical Brightness (lumen/ft.)
ALED1W1DL	White	6500K	Ra > 70	155	4650	249



- ALED1.5W170-DL

Product features

- 12VDC
- 233 lm/module (white)
- 155 lm/W (white)
- Beam angle 175°
- CE marked and UL listed

Electrical data

Product Description	Typical Voltage	Energy Consumption (W/module)	Energy Consumption (W/chain)	Connecting Quantity (modules/chain)	Energy Consumption (W/ft.)
ALED1.5W70-DL	12VDC	1.5	30	20	2.18

Photometrical data

Product Description	Light color (designation)	Color (CCT)	Color Rendering Index	Typical Brightness (lumen/module)	Typical Brightness (lumen/chain)	Typical Brightness (lumen/ft.)
ALED1.5W70-DL	White	6500K	Ra > 70	233	4660	338

Additional product information

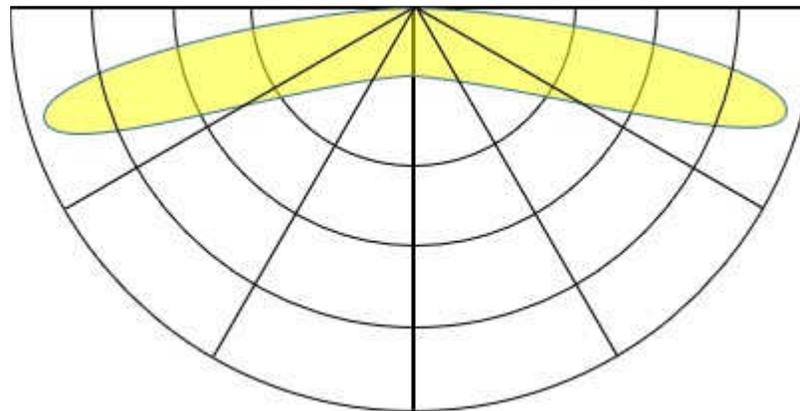
- Installation of LED modules (with power supplies) needs to be made under consideration of all valid regulations and norms.
- Installation by qualified electrician only.
- Parallel connection is mandatory for safe electrical operation. Serial connection of LED modules is discouraged. Unbalanced voltage 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).

Backlighting Wide-High efficacy series product datasheet

Environmental and Application Conditions

Operating Environment (t_a)	-25°C to +55°C
Storage Temperature Range (t_s)	-40°C to +85°C
Max. operating (case) temperature (t_c)	80°C
IP Rating	IP67
Lifetime (L70B50)	50,000 hours
Dimming mode	Dimmable
Cutting Resolution	Cut on wire between every module

Light distribution

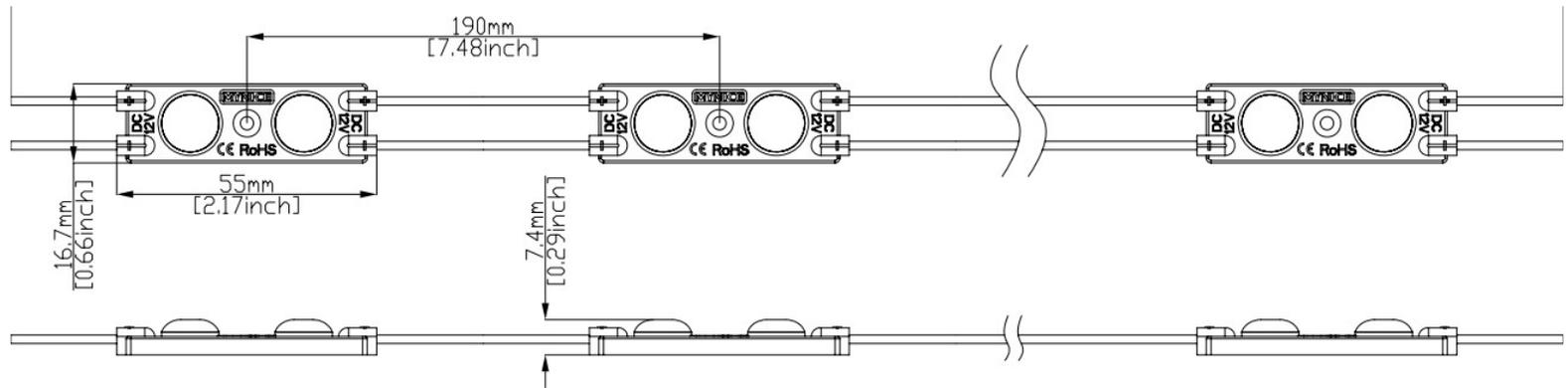


Beam angle: 175°

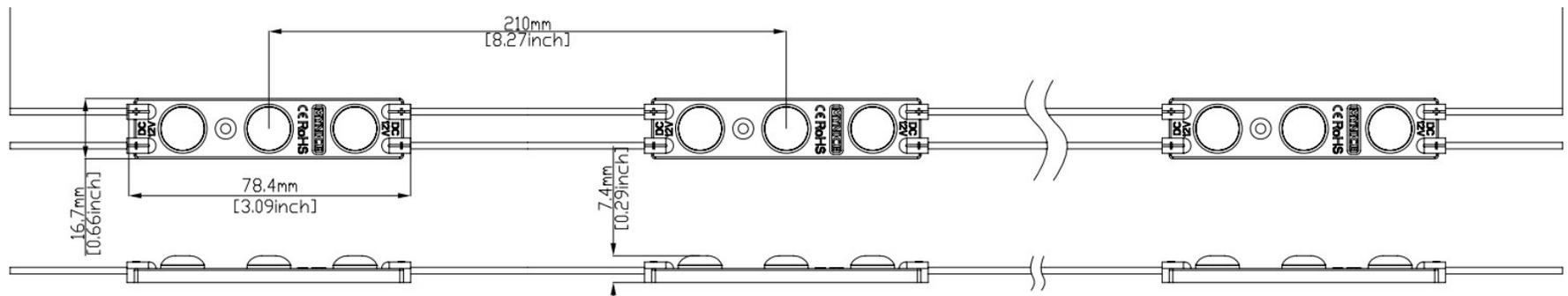
Backlighting Wide-High efficacy series product datasheet

Product line drawing

ALED1W170-DL



ALED1.5W170-DL



* Client can customize the modules distance (center to center) based on requirements.

Backlighting Wide-High efficacy series product datasheet

Wiring method

