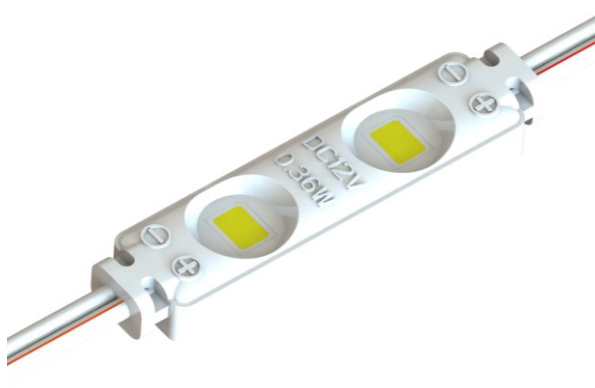


Product datasheet



Model

- LED Injection Moulded Modules IP65 - (Mini28D)

Areas of application

- Signage and illuminated advertising
- Back-lighting of channel letter, best for more than 50mm depth (2 inch)

Product benefits

- Flexible application
- 3 years warranty

Product features

- 12VDC
- 28 lm/module
- 0.36 W
- Beam angle 120°
- CE marked and UL listed

Electrical data

Product Description	Typical Voltage	Energy Consumption (W/module)	Energy Consumption (W/chain)	Energy Consumption (W/ft.)	Power Supper Loading	Additional Information (modules/chain)
Mini28D	12VDC	0.36	18	1.7	166 modules/60W 35.5 ft./60W	50



Product datasheet



Photometrical data

Product Description	Light color (designation)	Color (CCT, wavelength)	Color Rendering Index	Typical Brightness (lumen/module)	Typical Brightness (lumen/chain)	Typical Brightness (lumen/ft.)
Mini28D	White	5500K-17000K	Ra > 75	28	1400	131

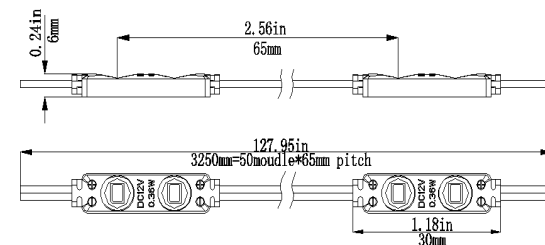
Environmental and Application Conditions

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)	70°C
IP Rating	IP65
Lifetime (L70B50)	30,000 hours
Dimming mode	Dimmable
Cutting Resolution	Cut on wire between every module

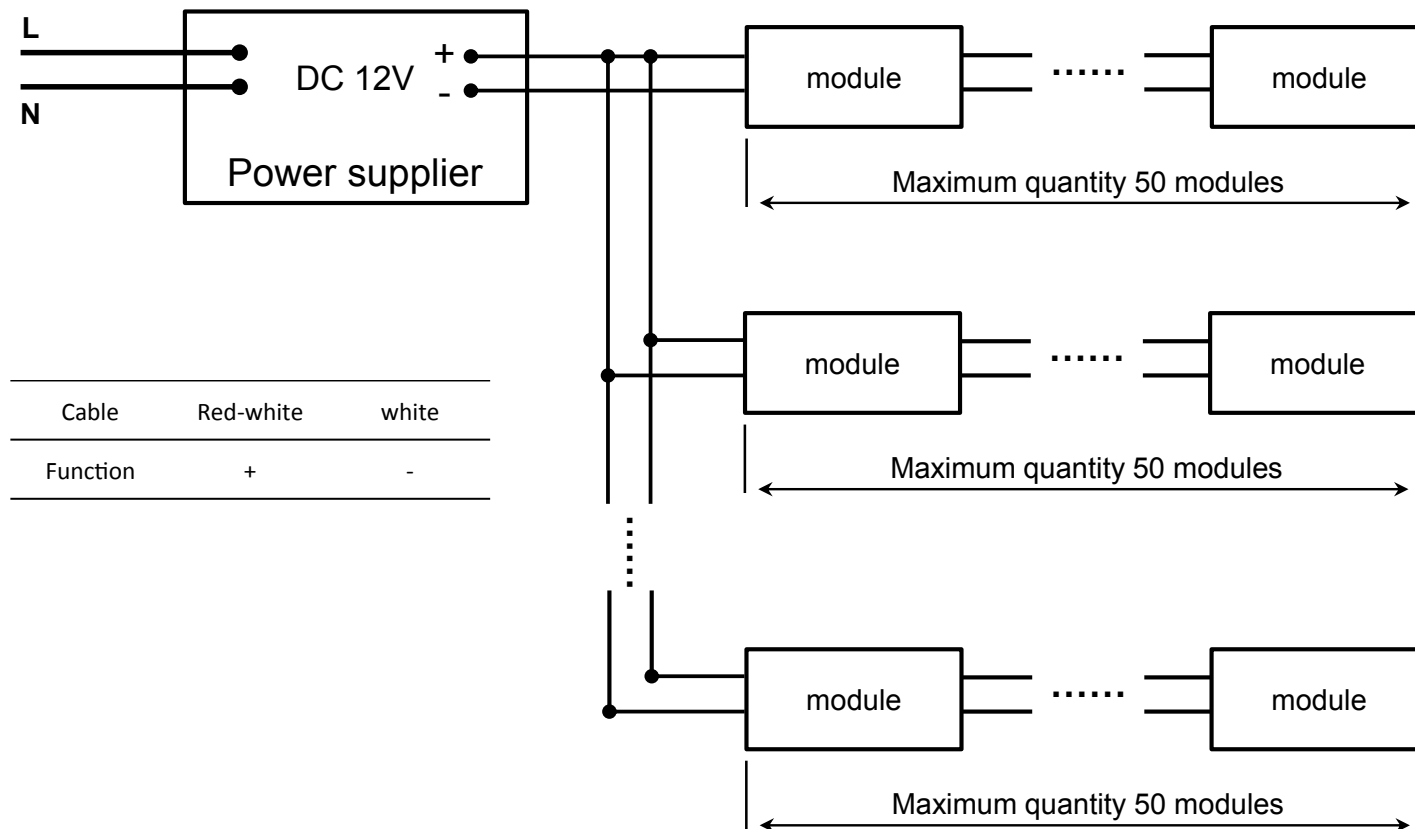
Maximum Supply Wire Limits

30W	83 modules
60W	166 modules

Product Dimension



Wiring method



* The secondary cable recommend AGW18, < 5 meter (16.4 ft.)

Additional 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).

