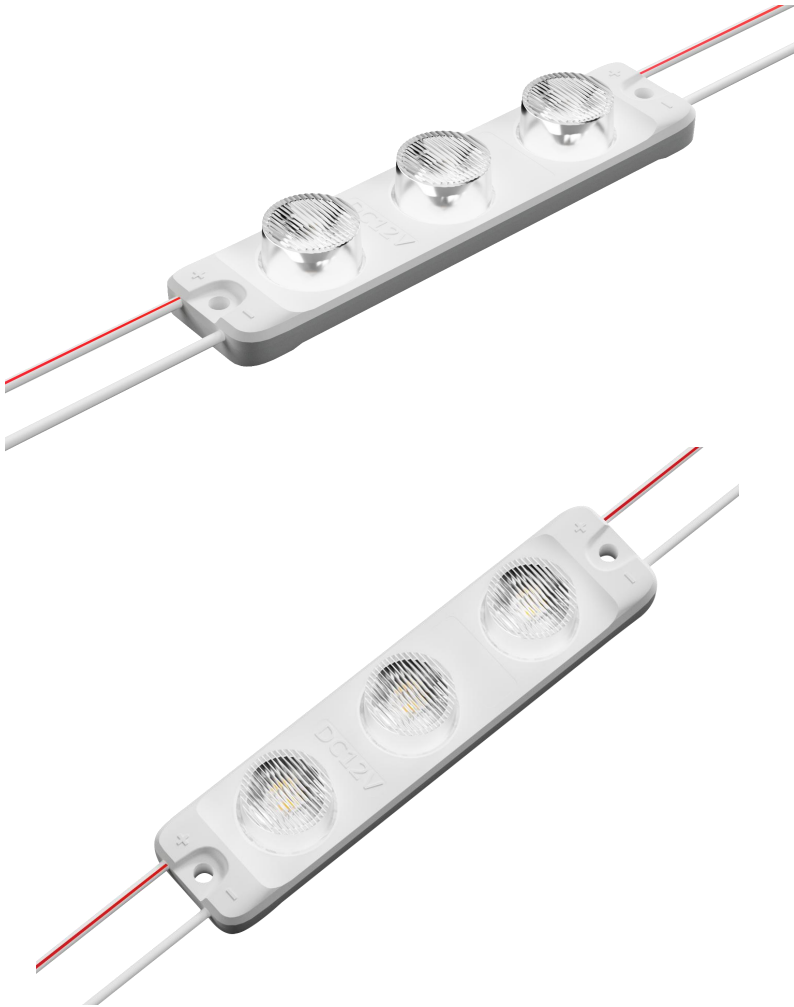


Product datasheet



NTE (normal type edge-lighting)

Model: M23GW39A

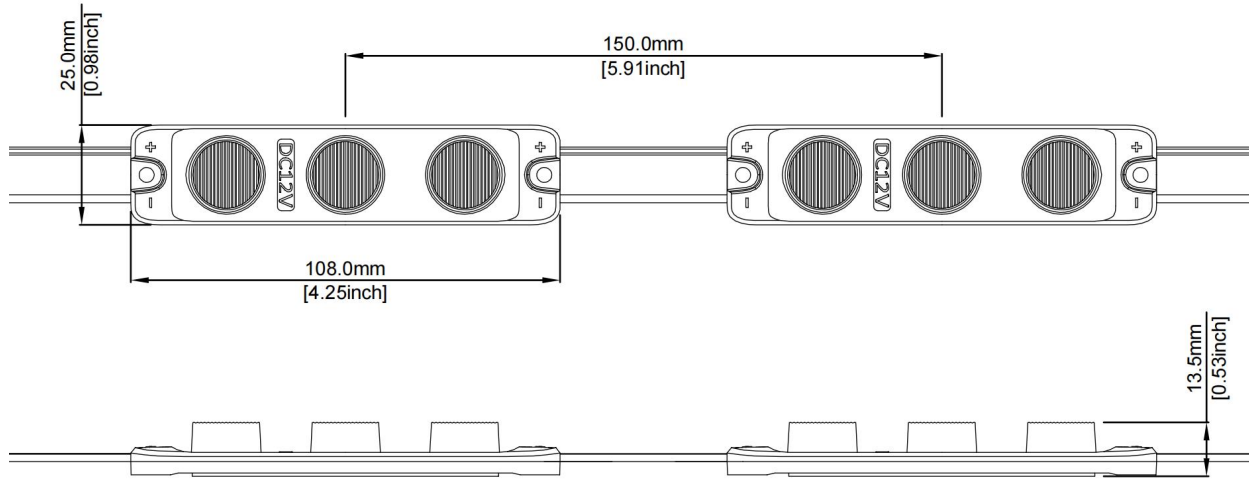
Areas of application

- Signage and illuminated advertising.
- Edge-lighting for medium and small light box.
- Best for 75mm to 200mm depth (3inch to 8inch).

Product main benefits

- Slim edge-lighting lens design can get better uniformity in light box application.
- 5 years warranty.
- 111lm/W.
- IP66.


NTE parameters



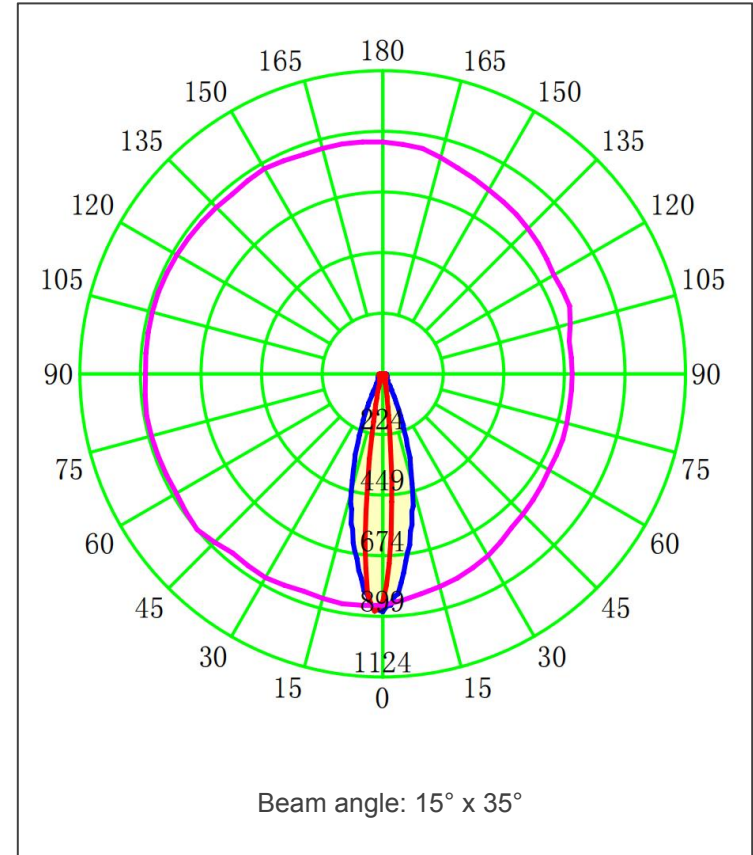
Product	Model	Voltage	Circuit	Energy Consumption			Brightness		Cascade		
				CCT	W/module	W/chain	W/ft.	lm/module	lm/ft.	E. LPW	/chain
NTE	M23GW39A	12VDC	Constant Voltage	>8000K	2.7	54	5.5	279	567	103	20
				6500K	2.7	54	5.5	300	609	111	20
				4000K	2.7	54	5.5	285	581	106	20
				3000K	2.7	54	5.5	279	567	103	20

1. The tolerance of parameters data is ± 10%.

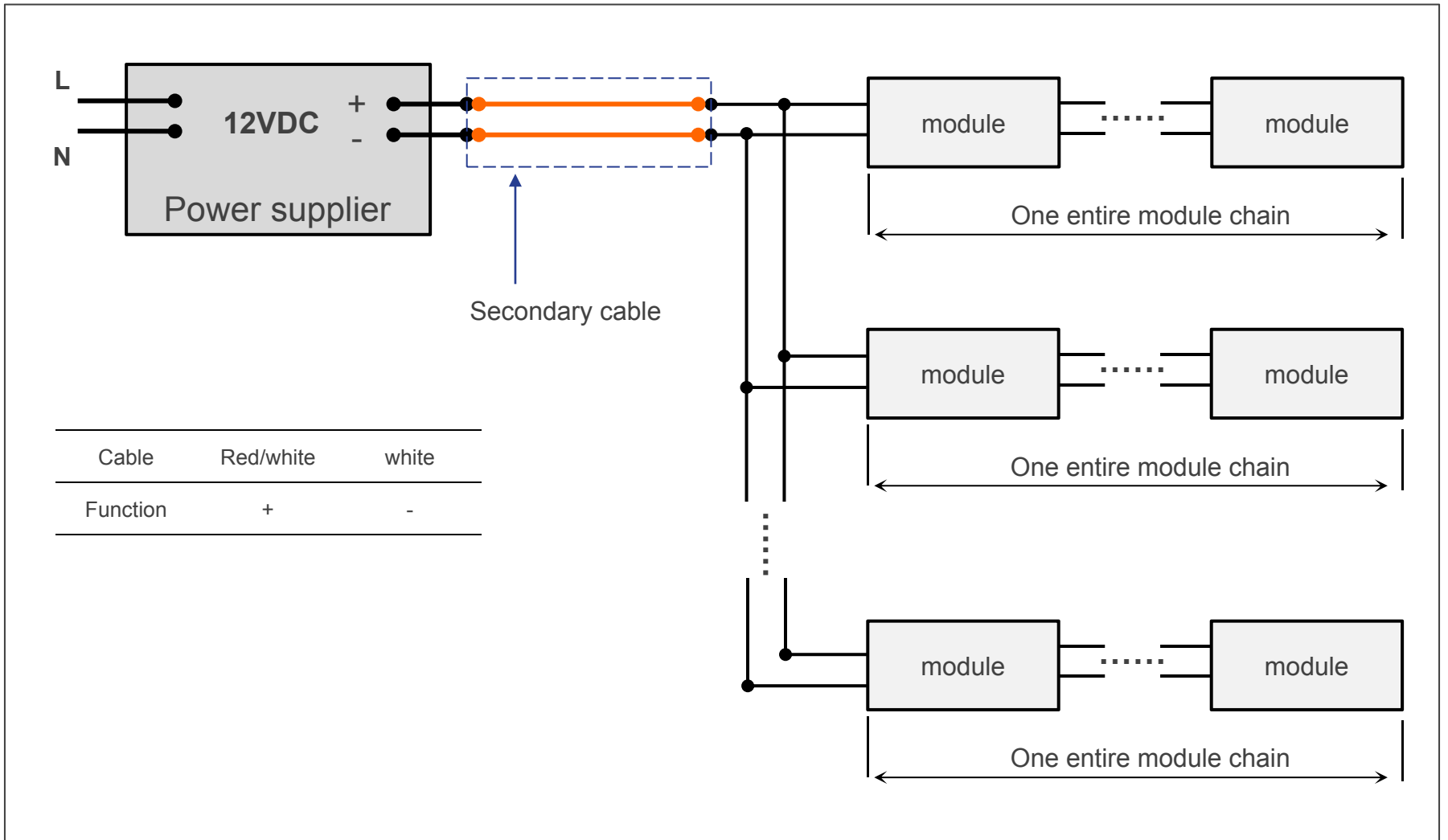
Application Conditions and light distribution

Operating Environment (t_a)	-25°C to +60°C
Storage Temperature Range (t_s)	-40°C to +85°C
IP Rating	IP66
Lifetime Warranty (L70B50)	5 years
t_c temperature	75°C
Energy Efficacy Class	E ($\eta_{TM} = 120.3\text{lm/W}$)
	
Dimming mode	PWM dimmable
Cutting Solution	Cut on wire between every module
Certification	UL, CE, BIS
Safety Requirements	IEC/EN 62031, IEC/EN 60598-1, IEC/EN 61347-1

Distribution Graph



Wiring method



Package and additional information

Product	Model	Package unit (modules/carton box)	Carton box	Dimensions (length x width x height)
NTE	M23GW39A			52 x 37 x 26 cm

Additional information:

1. Installation of LED modules (with power supplies) needs to be made under consideration of all valid regulations and norms.
2. Installation by qualified electrician only.
3. 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
4. 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.
5. To avoid mechanical damage, the LED modules have to be attached securely to the intended mounting surface. It is recommended to avoid heavy vibration.
6. LED modules are dimmable by means of PWM (pulse width modulation).