

Product datasheet



Backlighting RGB

- M23AA17Q

Areas of application

- Can be Red/Green/Blue light
- Backlighting of channel letters and light box
- best for 50mm to 250mm depth (2inch to 10inch)

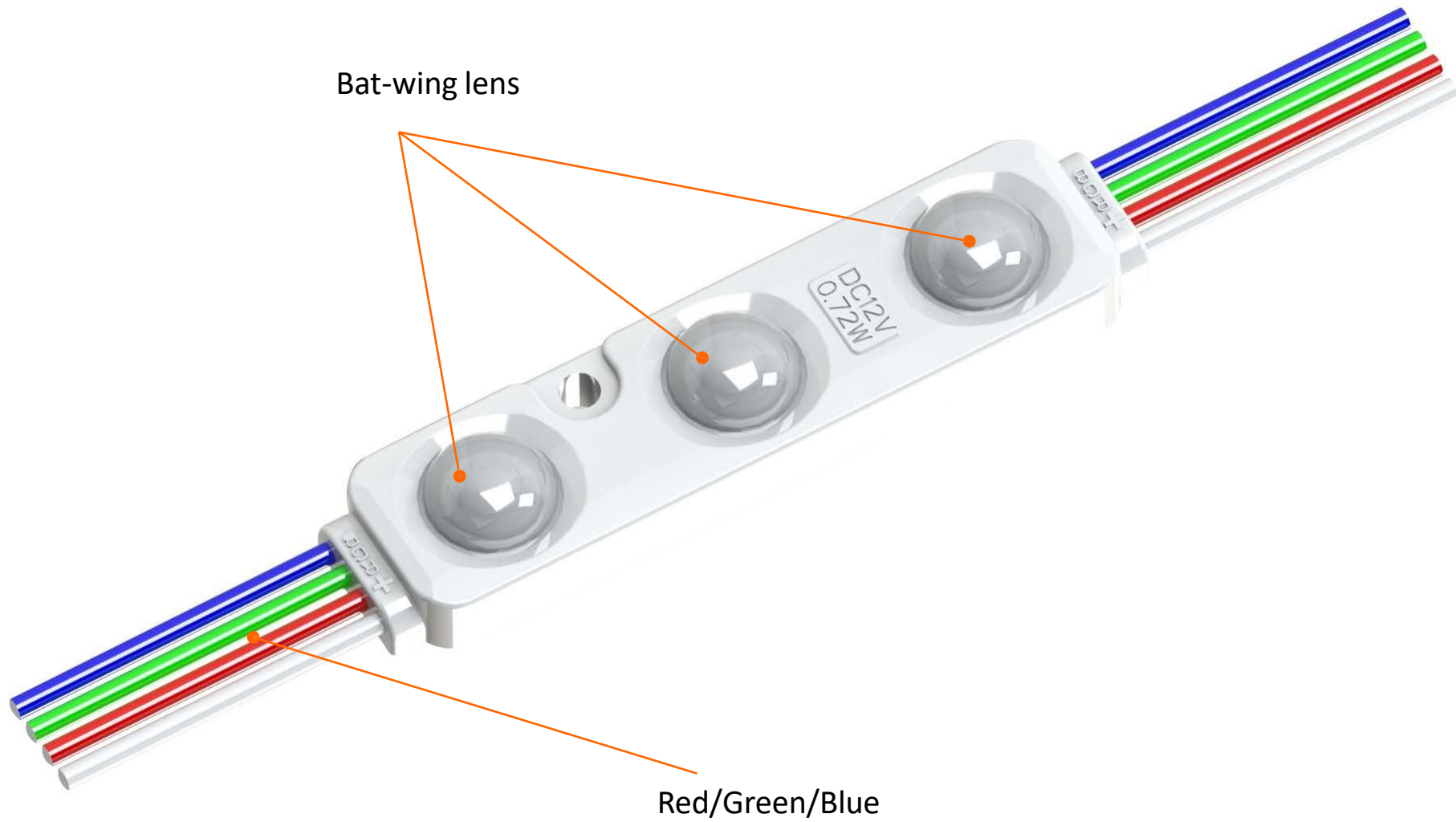
Product main benefits

- Good optics (bat-wing lens) design to achieve good optical performance
- 5 years warranty

Product features

- 12VDC
- Beam angle 160°
- CE marked and UL listed





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Electrical data

Product Description	Typical Voltage	Energy Consumption (W/module)	Energy Consumption (W/chain)	Energy Consumption (W/ft.)	Additional Information (modules/chain)
M23AA17Q	12VDC	0.72	21.6	1.5	30

Photometrical data

Product Description	Light color (designation)	Color (CCT, wavelength)	Typical Brightness (lumen/color)	Typical Brightness (lumen/module)	Typical Brightness (lumen/chain)	Typical Brightness (lumen/ft.)
M23AA17Q	R/G/B	Red: 620-625nm Green: 520-530nm Blue: 460-470nm	Red: 8lm Green: 16lm Blue: 5lm	29	870	59

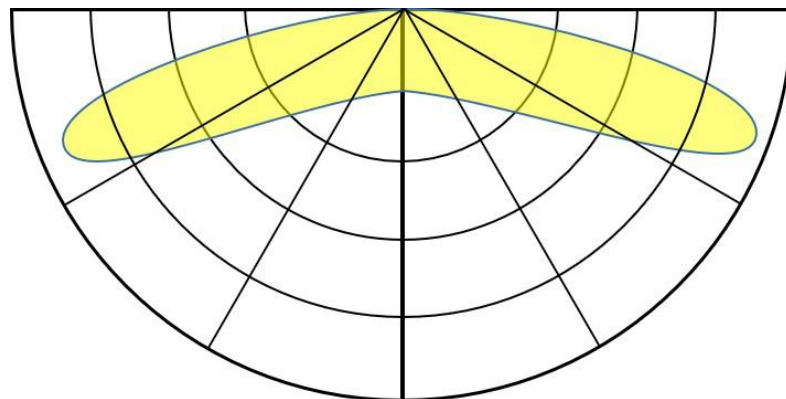
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Environmental and Application Conditions

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	IP67
Lifetime (L70B50)	50,000 hours
Dimming mode	Dimmable
Cutting Resolution	Cut on wire between every module

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Light distribution



Beam angle: 160°

Product line drawing

