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Product datasheet

Xlight ECO Lens 3xLED 2835

Areas of application

- Signage and illuminated advertising
- Backlighting of channel letters and light box
- best for 60mm to 200mm depth

Product benefits

- Excellent module thermal design
- Uniform illumination at high LED pitches thanks to good optics technology
- Significantly better application efficiency compared to systems without lenses
- Long lifetime 3 years warranty

Product features

- 12VDC
- 68,4/module
- 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)	Power Supper Loading	Additional Information (modules/chain)
Xlight ECO Lens 3xLED 2835	12VDC	0,72	14,4	83 modules/60W	20

Photometrical data

Product Description	Light color (designation)	Color (CCT, wavelength)	Color Rendering Index	Typical Brightness (lumen/module)	Typical Brightness (lumen/chain)
Xlight ECO Lens 3xLED 2835	White	2800K-17000K	Ra > 75	68,4	1368

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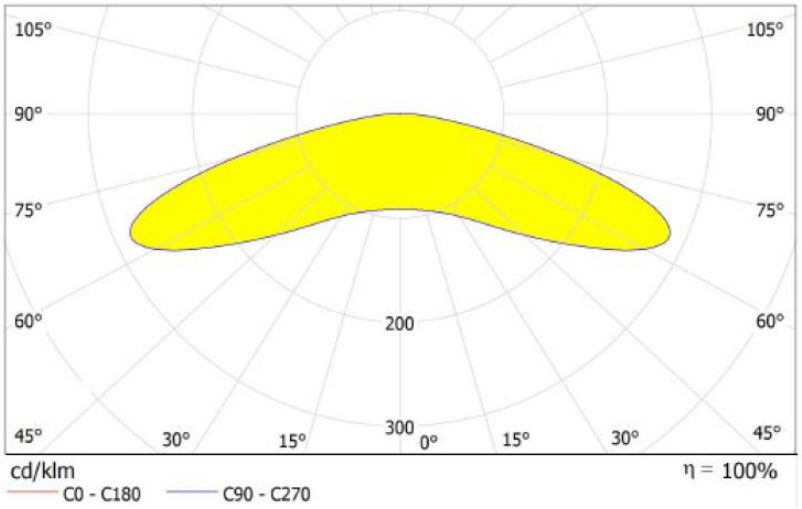
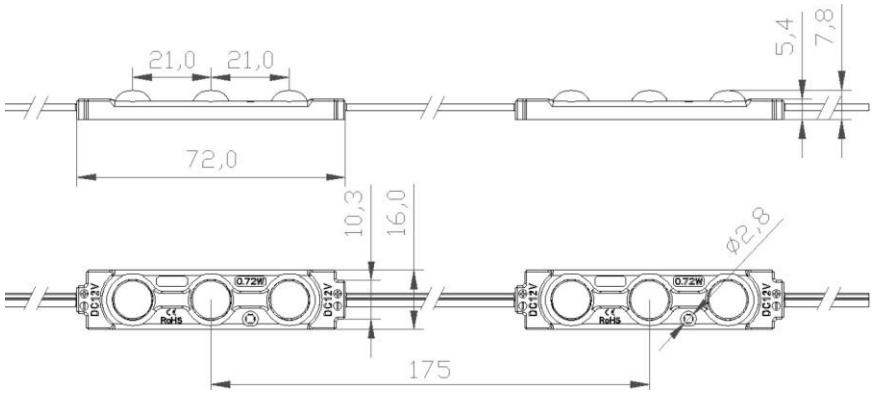
Environmental and Application Conditions

Operating Environment (t_a)	-25°C to +50°C
Storage Temperature Range (t_s)	-40°C to +85°C
Max. operating (case) temperature (t_c)	65°C
IP Rating	IP67
Lifetime (L70B50)	50,000 hours
Cutting Resolution	Cut on wire between every module

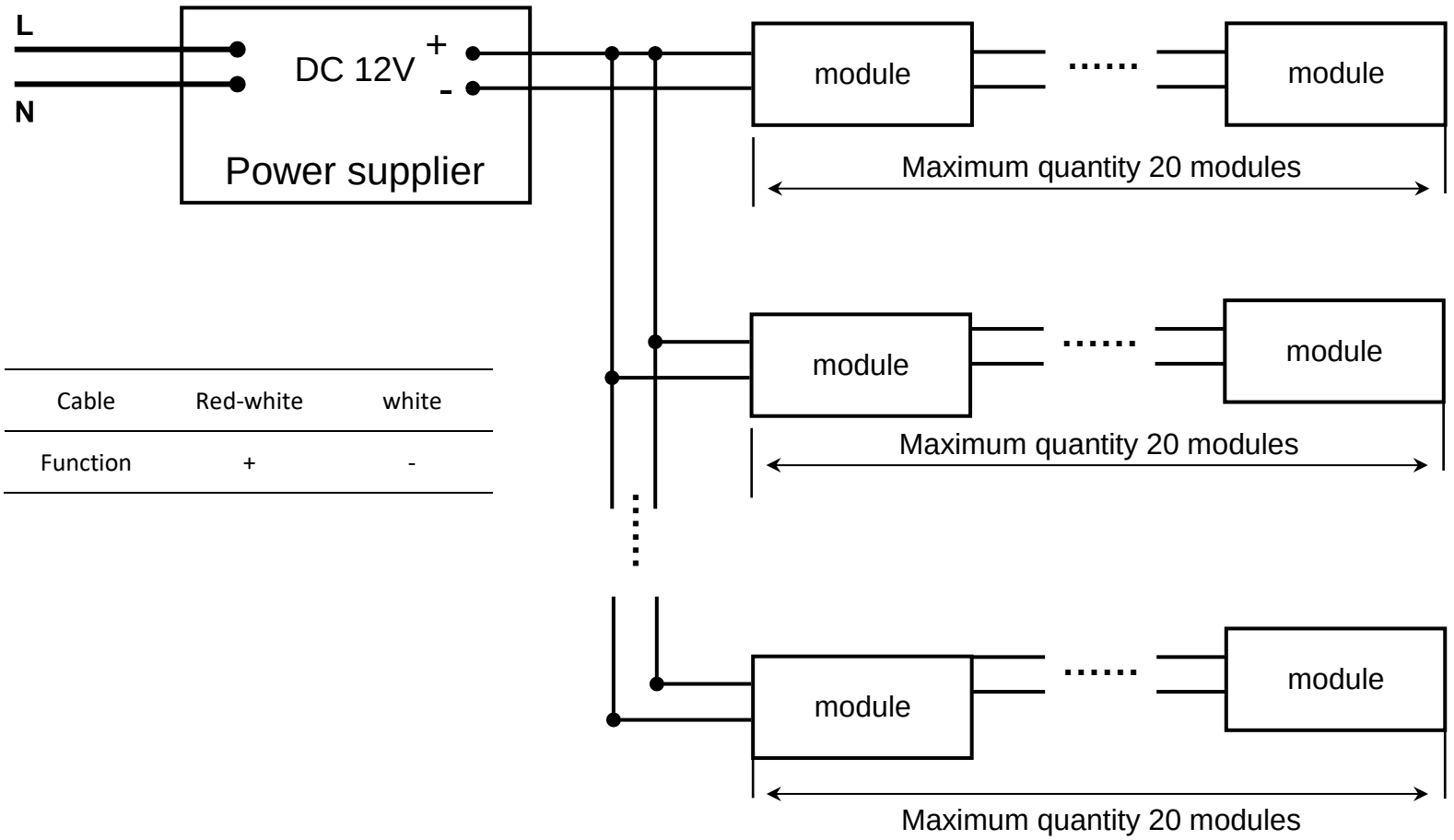
Light distribution



Product line drawing



Wiring method



Cable	Red-white	white
Function	+	-