



AVS Hyperlite LED Module

Red & White Series · Modular Linear Lighting

Hyperlite Series

AVS Display Sdn. Bhd.

Signage & architectural lighting

The AVS Hyperlite LED Module is a high-intensity linear lighting system optimized for signage and architectural lighting. Utilizing high-performance CREE LEDs and a modular PCB with flexible cable interconnections, it allows custom pitch and length configurations. Designed for outdoor durability with UV-resistant polycarbonate housing over aluminum extrusion, IP65 protection.

General / Technical Specifications

Manufacturer	AVS Display Sdn. Bhd.
Application	Signage and architectural lighting, custom pitch and length configurations
Overall Length	Custom (e.g. 602 mm as shown on drawing)
Housing Width	27.30 mm
Internal PCB Width	19.40 mm
Housing Height	13.40 mm
Lens Thickness	0.90 mm
Material	Aluminum Extrusion + UV Resistant PC Cover
End Cap	UV Resistant Injection Molded
Mounting	Stainless Steel Clip (304 Grade, Anti-Corrosion)
Warranty	3 Years

Key Features

- High-brightness genuine CREE LEDs for superior brightness, efficiency, and reliability
- Customizable length and LED pitch via flexible cable soldering
- Anodized aluminum extrusion + UV-resistant polycarbonate cover
- IP65 dust-tight and water-resistant
- 304-grade stainless steel anti-corrosion mounting clips
- Field-cutable: every 3 LEDs (white) or every 4 LEDs (red)
- 12V DC operation, suitable for petrol forecourt and signage systems



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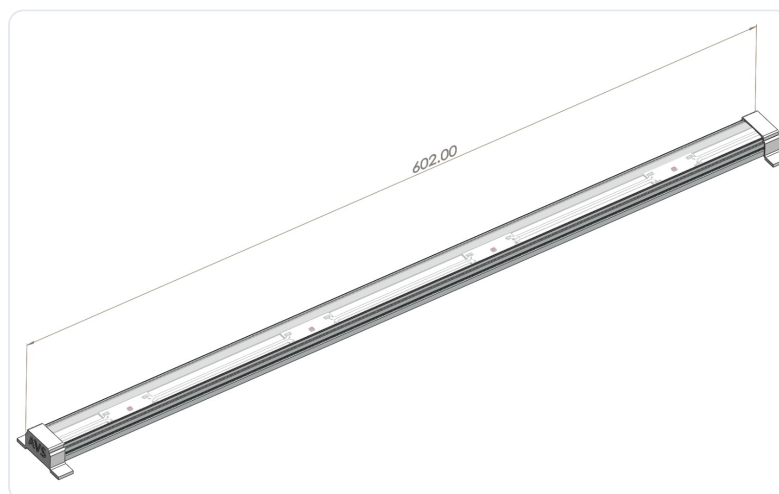
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Red & White Module Specifications

Item	Red Module	White Module
LED Type	CREE Red LED	CREE White LED
Wavelength / CCT	620~625 nm	6500 K
Module Dimensions	40 × 19 mm	40 × 19 mm
Power Consumption	0.75W~0.9W per module	1.1W~1.3W per module
Luminous Output	75 lm/module	170 lm/module
Viewing Angle	140°	115°
Voltage Input	12 VDC	12 VDC
Cutting Unit	Every 4 LEDs	Every 3 LEDs
Waterproof Rating	IP65	IP65
Operating Temp.	-20°C to +50°C	-20°C to +60°C

Mechanical Drawing



Example build shown at 602 mm. Overall length is made to order.



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Photos



White module, 6500 K



Red module, 620~625 nm

Length and LED pitch are built to the signage, and there is no minimum order quantity — send us the sign dimensions and we will spec the configuration that lights it evenly.