



HYDRA LED SIGN LIGHT

Modular LED sign illumination for regulatory road signs from 600mm to 1500mm.

LOW POWER	IP66	MODULAR DESIGN	MAINTAINABLE
From 1W*	Ingress Protection	Signs up to 1500mm	Designed in line with TM66

PRODUCT OVERVIEW

The Hydra is a high-specification LED sign light featuring interchangeable optics and mounting hardware. Its modular design supports Type A and Type B lighting categories, with a universal bracket designed for a range of common post and site arrangements. The die-cast marine-grade aluminium body provides space for modern control systems.

KEY FEATURES

- Universal mounting bracket
- Custom-designed optic for sign illumination
- IP66 sealing
- Street-visible indicator identifies gear-tray configuration
- Modular system for signs up to 1500mm
- Power consumption from 1W, depending on configuration
- Secure access to components for maintenance
- Spacer options increase outreach for larger signs

TECHNICAL SPECIFICATION

COMPONENT	SPECIFICATION
Main body	Pressure die-cast marine-grade aluminium; polyester powder-coated grey or black. Stainless-steel threaded inserts. Body mates with a range of post-fixing brackets.
Lens tray	Hinged pressure die-cast marine-grade aluminium, polyester powder-coated grey or black, with silicone tray seal and 4mm polycarbonate lens
Lighting system	Custom-designed optic for standard signs 600mm to 1500mm, lighting classes E2 to E3 depending on configuration. Driver and optical board mounted on a 1.5mm white powder-coated aluminium gear tray.
Universal bracket	Cast LM6M aluminium, polyester powder-coated grey or black. Suitable for 76mm and 89mm posts, with post-top, through-post and back-to-back mounting options as standard. Stainless-steel fasteners.
Ingress protection	IP66 sealing
Maintainability	Designed to be fully maintainable in line with TM66

TECHNICAL SPECIFICATION

SIGN SIZE	LIGHTING CLASS	POWER	INDICATOR	UMSUG CODE
600/750mm	E2 UE3	1W	Green	42 0001 0000 100
600/750mm	E3 UE3	6W	Blue	42 0006 0000 100
900/1200mm	E2 UE3	3W	Green	42 0003 0000 100
900/1200mm	E3 UE3	10W	Blue	42 0010 0000 100
1500mm	E2 UE2	4W	Green	42 0004 0000 100

*The 1W configuration applies to 600mm and 750mm signs at E2 UE3. Confirm sign size, required lighting class, mounting arrangement and controls before specifying. Product details are based on manufacturer information and may be updated.

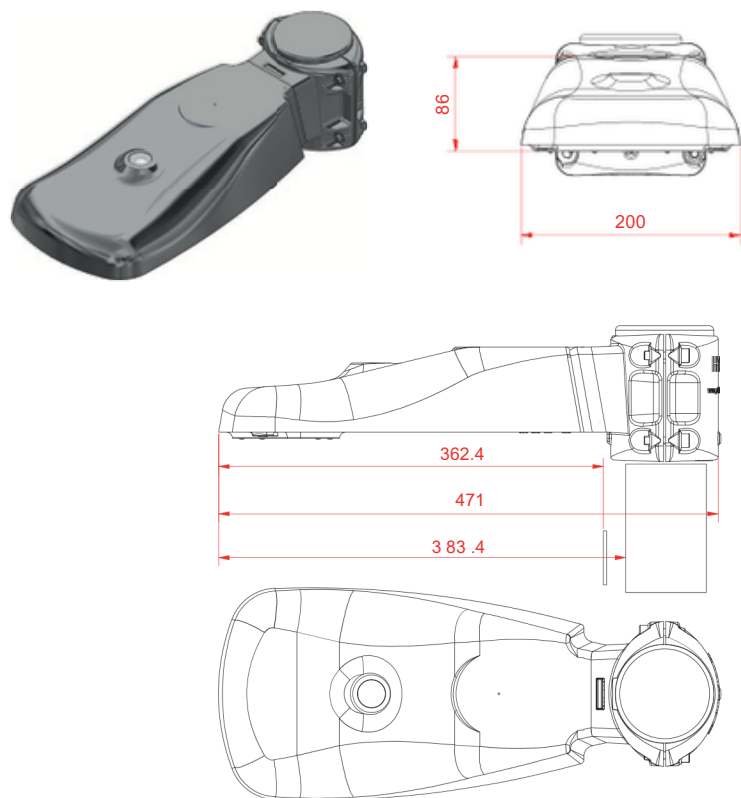
Issued by BEI Marwood Lighting Solutions and Exterior Lighting Solutions for product information.

HYDRA LED SIGN LIGHT

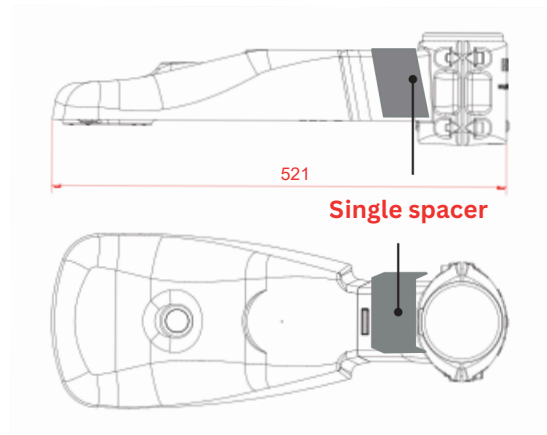
Modular LED sign illumination for regulatory road signs from 600mm to 1500mm.

TECHNICAL SPECIFICATION

600/750 configuration



900/1200 configuration



1500 configuration

