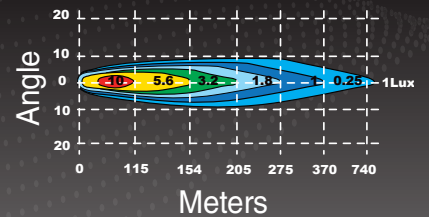


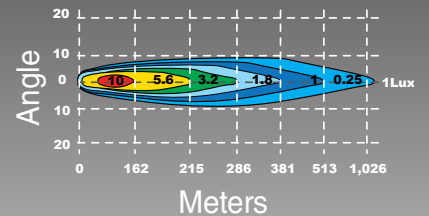
MINITURE LED DRIVING LIGHTS



IDL0136S Beam Pattern (Single LED 3.6")



IDL0236S Beam Pattern (Twin LED 6.9")



COLOUR TEMPERATURE 5,000K

Introducing Ignite Lighting's all-new Miniature LED Driving Lights – built small, engineered to perform, and loaded with features that set them apart.

The two new Miniature LED Driving Lights, the **IDL0136S** (3.6") and the **IDL0236S** (6.9"), delivers serious beam reach, a unique Tri-Colour Position Lamp.

TRI-COLOUR POSITION LAMP

One of the standout features that separates these lights from the crowd: a built-in Tri-Colour Position Lamp offering White, Amber, or Blue illumination. Choose the colour once via a momentary switch, and after powering up, it holds that colour until changed. Equally, the position lamp can be left entirely unwired if preferred.

This delivers genuine functional flexibility, from clean white running light presence, to amber for fog and dust conditions, to blue for a distinctive aesthetic finish.

WHITE Clean running light presence	AMBER Fog, dust & snow conditions	BLUE Distinctive aesthetic finish
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WIRING OPTION 1

Colour selected via Momentary Switch. Retains colour selection on next power-up.

WIRING OPTION 2

Position lamp left unwired – not used. Connection via 500mm lead with 4 Pin Deutsch Plug.

PERFORMANCE AT A GLANCE

TWO SIZES. ONE PLATFORM.

Both units share the same core architecture and feature set – select the output level that suits your application.



	SINGLE LED UNIT 3.6" IDL0136S	TWIN LED UNIT 6.9" IDL0236S
	WATTAGE 36w	WATTAGE 72w
	RAW LUMENS 3,500lm	RAW LUMENS 7,000lm
	BEAM REACH 346m	BEAM REACH 489m
	PEAK INTENSITY 120,000cd	PEAK INTENSITY 240,000cd

PROTECTIVE COVERS

Both lights are compatible with two optional covers, Amber or Black, offering either alternative illumination characteristics or physical protection when the lights are not in use.

Accessory	IDL0136S Part No.	IDL0236S Part No.
Amber Cover Fog / Dust / Snow	IDL0136A	IDL0236A
Black Cover Protective when not in use	IDL0136B	IDL0236B

TECHNICAL SPECIFICATIONS

Specification	IDL0136S (3.6" Single)	IDL0236S (6.9" Twin)
OPTICAL PERFORMANCE		
Raw Lumens	3,500 lm	7,000 lm
Effective Lumens	1,800 lm	3,400 lm
Beam Reach (1 Lux)	346 m	489 m
Peak Beam Intensity	120,000 cd	240,000 cd
Beam Pattern	8° Spot (Pencil)	9° Spot (Pencil)
Colour Temperature	5,700K	
ELECTRICAL		
Voltage Range	9–36V DC (Multi-Volt)	
Main Light Wattage	36W (1× LED)	72W (2× LED)
Main Draw @ 12V	3.06A	6.10A
Main Draw @ 24V	1.53A	3.05A
Position Light LEDs	8 × 0.4W SMD	16 × 0.65W SMD
Position Draw @ 12V	0.33A	0.55A
Position Draw @ 24V	0.16A	0.27A
CONSTRUCTION		
Housing	Black Powder Coated Die Cast Aluminium Alloy (ADC12)	
Lens	Lexan Polycarbonate	
Optical System	Magnified High-Strength Glass Optical Reflector Technology	
Heat Management	Integrated Heat-Sink & Pressure Equalising Vent (ETM)	
Bracket	Stainless Steel (SUS304) Multiple Bolt Mount	
Cable / Connector	500mm Lead with 4 Pin Deutsch Plug	
DIMENSIONS & WEIGHT		
Width	97.3 mm	179 mm
Height	89.3 mm	97.6 mm
Depth	58.8 mm	61.1 mm
Weight	760 g	1,470 g
PROTECTION & RATINGS		
IP Rating	IP68	
Shock Resistance	20G	
Operating Temp	-40°C to +60°C	
Protections	Over/Under Voltage, Reverse Polarity, UV, Water, Shock, Anti-Rust, Corrosion, Freezing	
Approvals	ECE R149, ECE R10, CE, RoHS	
LED Lifespan	50,000 Hours	
Warranty	3 Years	

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