

CAPABILITY
DESIGN,
 MANUFACTURE & DISTRIBUTION



AGILITY
FLEXIBILITY
 AND RAPID
 RESPONSE

EXPERIENCE
 OVER
 40 YEARS

LED Product Selector Guide

it's in our DNA

For over 40 years, MarL has been adapting leading LED technology to provide innovative, attractive, functional and cost-effective solutions. State-of-the-art in house design and manufacturing facilities, combined with agility, speed, flexibility and willingness to respond to both needs and expectations as projects evolve and mature through the entire product life cycle.

MarL's Product Range includes LED indication, LED lighting systems, LED modules and components; and this Product Selector Guide provides an overview of the core products. These are ideal for a huge and varied range of professional applications, from system status indication, portable equipment, command and control systems and ruggedised industrial equipment, which all demand a combination of high performance and outstanding reliability. The Company also offers custom design and manufacturing services including electromechanical assembly, and a vast array of electrical and environmental facilities. Technical data sheets are available on the MarL website, for samples and to arrange technology demonstrations, please make contact with the highly experienced sales team.

PCB Mounting LEDs:

103 Series



Ø3.0mm Diffused LED
 90° Single Moulded Housing
 Range of LED Colours
 Range of Voltage Options
 Low Current Options Available
 UL94 V-0 Flammability Rating
 Reverse Polarity Options Available

104 Series



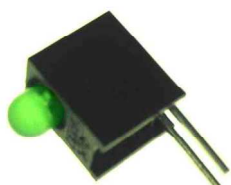
Ø5.0mm Diffused LED
 90° Single Moulded Housing
 Range of LED Colours
 Bi-Colour Options Available
 Range of Voltage Options
 Low Current Options Available
 UL94 V-0 Flammability Rating

109 Series



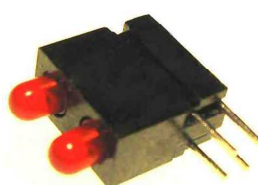
Ø3.0mm Diffused LED
 90° Duplex Moulded Housing
 Range of LED Colours
 Bi-Colour Options Available
 Range of Voltage Options
 Low Current Options Available
 UL94 V-0 Flammability Rating

113 Series



Ø3.0mm Diffused LED
 90° Single Moulded Housing
 Range of LED Colours
 Range of Voltage Options
 Low Current Options Available
 UL94 V-0 Flammability Rating
 Reverse Polarity Options Available

122 Series



Ø3.0mm Diffused LED
 90° Duplex Moulded Housing
 Range of LED Colours
 Bi-Colour Options Available
 Low Current Options Available
 Suitable for Auto-Insertion
 UL94 V-0 Flammability Rating

151 Series



Ø5.0mm Diffused LED
 90° Single Moulded Housing
 Red/Green Bi-Colour LED
 Red/Amber/Green Tri-Colour LED
 Diffused Lens - Wide Angle Viewing
 UL94 V-0 Flammability Rating
 Reduced Power Consumption

LED Bulb Replacements:



202 Series


T1 Midget Flange SX3s Range of LED Colours High Intensity LEDs, Flat Topped Wide Viewing Angle for Switches Internal Resistor - Voltage Options Centre Contact Anode as Standard Reverse Polarity Options Available


205 Series

T1¼ Midget Groove S5.7s Range of LED Colours High Intensity LEDs, Flat Topped Wide Viewing Angle for Switches Internal Resistor - Voltage Options Centre Contact Anode as Standard Reverse Polarity Options Available

206 Series

T1¼ Midget Flange SX6s Range of LED Colours High Intensity LEDs, Flat Topped Wide Viewing Angle for Switches Internal Resistor - Voltage Options Centre Contact Anode as Standard Reverse Polarity Options Available

215 Series

T3¼ Bayonet Automobile Cap BA9s Range of LED Colours High Intensity LEDs, Flat Topped Wide Viewing Angle Internal Resistor - Voltage Options Centre Contact Anode as Standard Reverse Polarity Options Available

225 Series

BA15d Mounting Cap Range of LED Colours 6 High Intensity LEDs, Multi-Cluster Narrow Viewing Angle Internal Resistor - Voltage Options Bi-Polar Termination Durable to Shock and Vibration

255 Series

T3¼ Bayonet Automobile Cap BA9s Range of LED Colours High Intensity LEDs, Flat Topped Wide Viewing Angle Voltage Input: 8 - 48Vac/dc Bi-Polar Termination Durable to Shock and Vibration

235 Series

T1¼ Midget Groove S5.7s Range of LED Colours Surface Mount LED Technology Wide Viewing Angle for Switches Internal Resistor - Voltage Options Bi-Polar AC/DC Termination Durable to Shock and Vibration

236 Series

T1¼ Midget Flange SX6s Range of LED Colours Surface Mount LED Technology Wide Viewing Angle for Switches Internal Resistor - Voltage Options Bi-Polar AC/DC Termination Durable to Shock and Vibration

258 Series

T6.8 Slide Base Range of LED Colours High Intensity LEDs, Flat Topped Wide Viewing Angle Voltage Input: 8 - 48Vac/dc Bi-Polar Termination Durable to Shock and Vibration

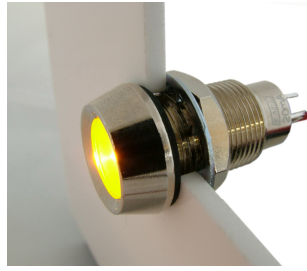
Sealed LED Panel Indicators:

508 Series



Ø8.1mm Mounting
Bright Nickel Plated Brass Housing
Smoked Lens - Good On/Off Ratio
High Intensity LED Colours
Internal Resistor - Voltage Options
Sealed to IP67 - Weatherproof
Durable to Shock and Vibration

512 Series



Ø12.7mm (½") Mounting
Bright Nickel Plated Brass Housing
Smoked Lens - Good On/Off Ratio
High Intensity LED Colours
Internal Resistor - Voltage Options
Sealed to IP67 - Weatherproof
Durable to Shock and Vibration

514 Series



Ø12.7mm (½") Mounting
Bright Nickel Plated Brass Housing
Raised Coloured Diffused Lens
Range of LED Colours
Internal Resistor - Voltage Options
Sealed to IP67 - Weatherproof
Durable to Shock and Vibration

520 Series



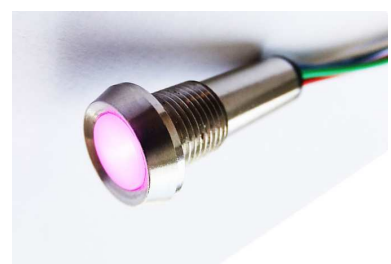
Ø6.1mm Countersunk Mounting
Robust Stainless Steel Housing
Coloured Diffused Lens
High Intensity LED Colours
Internal Resistor - Voltage Options
Sealed to IP67 - Weatherproof
Durable to Shock and Vibration

524 Series



Ø8.1mm Mounting
Robust Stainless Steel Housing
Coloured Diffused Lens
High Intensity LED Colours
Internal Resistor - Voltage Options
Sealed to IP67 - Weatherproof
Durable to Shock and Vibration

525 Series



Ø8.1mm Mounting
Bright Nickel Plated Brass Housing
White Lens - Good On/Off Ratio
Multi LED Colours - Single Indicator
Input 12Vdc - 4 Wire Termination
Sealed to IP67 - Weatherproof
Durable to Shock and Vibration

528 Series



Ø12.7mm (½") Mounting
Robust Stainless Steel Housing
Coloured Diffused Lens
High Intensity LED Colours
Internal Resistor - Voltage Options
Sealed to IP67 - Weatherproof
Durable to Shock and Vibration

531 Series



Ø12.7mm (½") Mounting
Bright Nickel Plated Brass Housing
Coloured Diffused Lens
High Intensity LED Colours
Bi-Polar AC/DC - Voltage Options
Sealed to IP67 - Weatherproof
Durable to Shock and Vibration

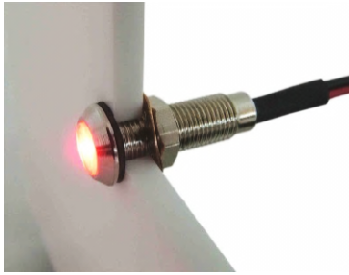
534 Series



Ø8.1mm Mounting
Robust Stainless Steel Housing
Coloured Diffused Lens
High Intensity LED Colours
Bi-Polar AC/DC - Voltage Options
Sealed to IP67 - Weatherproof
Durable to Shock and Vibration

Sealed LED Panel Indicators:

604 Series



Ø5.0mm Mounting
Bright Nickel Plated Brass Housing
Smoked Lens - Good On/Off Ratio
High Intensity LED Colours
Voltage Options - Wire Termination
Sealed to IP67 - Weatherproof
Durable to Shock and Vibration

612 Series



Ø6.35mm (¼") Mounting
Black Anodised Aluminium Housing
Smoked Lens - Good On/Off Ratio
High Intensity LED Colours
Internal Resistor - Voltage Options
Sealed to IP67 - Weatherproof
Durable to Shock and Vibration

665 Series



Ø8.5mm Mounting
Hard Anodised Aluminium Housing
Unique PTFE Panel Seal
High Intensity LED Colours
20mA Operation - Wire Termination
Sealed to IP68-10psi Weatherproof
Durable to Harsh Environments

671 Series



Ø25.4mm (1") Mounting
Black Anodised Aluminium Housing
Raised Diffused Lens
High Intensity LED Colours
High Voltage 24Vac/dc - 440Vac/dc
Sealed to IP67 - Weatherproof
Durable to Shock and Vibration

677 Series



Ø8.1mm Mounting
Black Anodised Aluminium Housing
Smoked Lens - Good On/Off Ratio
High Intensity LED Colours
Internal Resistor - Voltage Options
Sealed to IP67 - Weatherproof
Durable to Shock and Vibration

690 Series



Ø9.6mm (3/8") Mounting
Black Anodised Aluminium Housing
UL Certified - No: E349017
High Intensity LED Colours
Voltage Input: 8-48Vac/dc Bi-Polar
Sealed to IP67 - Weatherproof
Durable to Shock and Vibration

696 Series



Ø6.1mm Countersunk Mounting
Black Anodised Aluminium Housing
Coloured Diffused Lens
High Intensity LED Colours
Internal Resistor - Voltage Options
Sealed to IP67 - Weatherproof
Durable to Shock and Vibration

698 Series



Ø8.1mm Mounting
Black Anodised Aluminium Housing
Smoked Lens - Good On/Off Ratio
High Intensity LED Colours
Bi-Polar AC/DC - Voltage Options
Sealed to IP67 - Weatherproof
Durable to Shock and Vibration

699 Series



Ø12.7mm (½") Mounting
Black Anodised Aluminium Housing
Coloured Diffused Lens
High Intensity LED Colours
Bi-Polar AC/DC - Voltage Options
Sealed to IP67 - Weatherproof
Durable to Shock and Vibration

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