

Colour	Order Code	Price Each				
		1+	5+	10+	15+	25+
Stainless Steel						
12V dc Red	335-1191					
12V dc Green	335-1208					
12V dc Yellow	335-1210					
24V dc Red	335-1221					
24V dc Green	335-1233					
24V dc Yellow	335-1245					
Black Anodised						
12V dc Red	335-1257					
12V dc Green	335-1269					
12V dc Yellow	335-1270					
24V dc Red	335-1282					
24V dc Green	335-1294					
24V dc Yellow	335-1300					

7mm, Cartridge Style LED Panel Indicators & Sockets



423 series – Total length = 23.7, Bezel dia. = 8.4, Mounting hole = 7.4, Leads = 5 1.0∅, Lead pitch = 4.2
 905 series – Total length = 25.3, Dia. = 9.4, Mounting hole = 9.5, Max. panel thickness = 6.5, Min. mounting centres = 16.5, Leads = 5 2.5 solder tags, Lead pitch = 4.2
 411 series – Total length = 28.9, Bezel dia. = 8.4, Mounting hole = 6.3, Leads = 5 1.0∅, Lead pitch = 4.2

905 series – Total length = 25.3, Dia. = 9.4, Mounting hole = 9.5, Max. panel thickness = 6.5, Min. mounting centres = 16.5, Leads = 5 2.5 solder tags, Lead pitch = 4.2

Note **diode test facility has a 3 pin termination**

- A range of LED plastic panel lamps with cartridge sockets available where front panel replacement is required
- 411 series designed to fit 6.35mm mounting hole, 423 series designed to fit 7.4mm mounting hole
- 411 series may be used in conjunction with 907 & 908 series and 423 with 905 series cartridge sockets allowing front panel replacement of the LEDs
- Diode test facility (3 pin versions) available on the 411 and 908 series
- Domed fresnel lens
- Mounting hardware supplied with cartridge sockets

	Red	Green	Yellow	
Wavelength	660nm	525nm	590nm	
Intensity @ 20mA (mcd)	68	100	68	
Operating Temp.	0°C to +85°C		MTBF	90,000 hours
Storage Temp.	0°C to +85°C		Viewing angle	180°

OPT549

Colour	Mfrs. List No.	Order Code	Price Each				
			1+	10+	25+	50+	100+
411 Series LED Indicators							
12V dc Red	411-503-21	948-860					
12V dc Green	411-512-21	948-871					
12V dc Yellow	411-509-21	948-883					
24V dc Red	411-503-22	948-895					
24V dc Green	411-512-22	948-901					
24V dc Yellow	411-509-22	948-913					
With Diode Test Positive Termination							
12V dc Red	411-503-21-03	948-925					
12V dc Green	411-512-21-03	948-937					
12V dc Yellow	411-509-21-03	948-949					
24V dc Red	411-503-22-03	948-950					
24V dc Green	411-512-22-03	948-962					
24V DC Yellow	411-509-22-03	948-974					
Cartridge Sockets for 411 Series							
2 Pin	907-000-00	948-986					
3 Pin Diode Test	908-000-00	948-998					
423 Series LED Indicators							
2V dc Red	423-503-04	949-000					
2V dc Green	423-512-04	949-012					
2V dc Yellow	423-509-04	949-024					
12V dc Red	423-503-21	949-036					
12V dc Green	423-512-21	949-048					
12V dc Yellow	423-509-21	949-050					
24V dc Red	423-503-22	949-061					
24V dc Green	423-512-22	949-073					
24V dc Yellow	423-509-22	949-085					
Cartridge Socket for 423 Series							
2 Pin	905-000-00	949-097					

7mm, Sunlight Readable - IP67 Rated 12V & 24V dc



- 8.1mm mounting dia. panel indicator
- Sealed to **IP67**
- Sunlight readability
- Nickel plated Brass housing
- MTBF 90,000 hours
- Designed for push on spade connectors

L = 33.0 (overall), Length behind bezel = 29.3, Mounting hole dia. = 8.1, Bezel dia. = 11.5

Operating Voltage:	12V dc, 24V dc	Operating Current:	20mA
Colour	Luminous Intensity @ 20mA	Wavelength	
Red	2750mcd	660nm	
Green	6000mcd	525nm	
Yellow	4500mcd	595nm	
White	3000mcd	—	

Viewing angle: 120° Operating temperature: -20°C to +60°C OPT612

Colour	Mfrs. List No.	Order Code	Price Each				
			1+	5+	10+	25+	50+
12V dc Red	508-501-21	301-3601					
12V dc Green	508-532-21	301-3625					
12V dc Yellow	508-521-21	301-3613					
12V dc White	508-997-21	301-3637					
24V dc Red	508-501-22	301-3649					
24V dc Green	508-532-22	301-3662					
24V dc Yellow	508-521-22	301-3650					
24V dc White	508-997-22	301-3674					

7mm, IP67 Rated – Sunlight Readable With Integral Resistor – 12V dc, 24V dc and 28V dc



A range of sunlight readable, high performance, panel mounting LED indicators. Sealed to **IP67** rating. Fitted with fixing nut and washer. Among the colours available is a white indicator. A diode has been incorporated into the indicator offering reverse voltage protection to 1000Vdc. Connection is via faston/solder tab terminals.

L = 33.0 (overall), Length behind bezel = 29.3, Mounting Hole dia = 8.1, Tab connections = 2.8 0.8, Polarity indicated on tab terminals

Operating Voltages	12V	24V	28V	Wavelength (nm)
Typ. Luminous intensity				
Red	2750 mcd	2750 mcd	2750 mcd	660
Green	6000 mcd	6000 mcd	6000 mcd	525
Yellow	4500 mcd	4500 mcd	4500 mcd	590
Blue	2000 mcd	2000 mcd	2000 mcd	450
White	3000 mcd	3000 mcd	3000 mcd	*

Reverse voltage protection 1000Vdc Operating temp. range -20°C to +60°C
 Operating Current 20mA Viewing angle 140°

*Covers a wide range of wavelengths to produce white emission OPT437

Colour	Mfrs. List No.	Order Code	Price Each				
			1+	5+	10+	25+	50+
12Vdc Red	677-501-21-R	743-987					
12Vdc Green	677-532-21-G	743-999					
12Vdc Yellow	677-521-21-Y	744-001					
12Vdc Blue	677-930-21-B	744-013					
12Vdc White	677-930-21-W	744-025					
24Vdc Red	677-501-22-R	744-037					
24Vdc Green	677-532-22-G	744-049					
24Vdc Yellow	677-521-22-Y	744-050					
24Vdc Blue	677-930-22-B	744-062					
28Vdc Red	677-501-23-R	744-086					
28Vdc Green	677-532-23-G	744-098					
28Vdc Yellow	677-521-23-Y	744-104					
28Vdc Blue	677-930-22-B	744-116					
28Vdc White	677-930-23-W	744-128					

Open Late!

Don't forget we're here to take your orders,
 From 8.30am to 6.30pm Mon - Fri and
 from 9am to 12pm on Saturday.