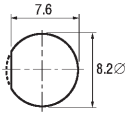## 5mm/T1¾ – IP64 Rated   SLOAN
Damage Resistant, Rotation Proof

L = 29.0 (overall), Bezel = 1.5 11.5 dia
Max panel thickness = 10.0, Polarity indicated on base,
Tab connections 2.8 0.5

7.6

8.2⌀

Mounting hole dimensions

Waterproofed to **IP64** rating. Rugged, damage resistant indicators with a 'D' shaped mounting hole making tham rotation proof. Nickel plated, low profile, brass body with a fixed polycarbonate transparent fresnel lens. The indicators seal to panels with an inset 'O' ring. Fitted with fixing nut and washer. Connection is via two faston/solder tab terminals.

Colour	Typ. Lum. Intensity (mcd) @ I_F = 20mA	V_F (mA) (max)	I_F (mA) (max)	PIV (max)	Mftrs. List No.
Red	160	1.7	50	4	344-4-S-1-R1-R510-0
Blue	18	3.4	40	5	344-4-S-1-C1-B61D-0

OPT446

Colour	Mftrs. List No.	Order Code	Price Each		
			1+	5+	10+
Red	3444S1R1R5100	.743-872			
Blue	3444S1C1B61D0	.743-902			

Panel Mounting – IP64 Rated   SLOAN
24Volt DC, Wide Viewing Angle

High quality, panel mounting, multi-chip indicators water-proofed to **IP64** rating. Nickel plated brass body with integral resistor. The domed lens offering a very wide angle of visibility. Seals to panel with an inset 'O' ring. Connection is via two solder bucket terminals

L = 27.5 (overall), Lens dia = 5.6, Bezel dia = 10.2
Mounting hole dia = 6.2, Max. panel thickness 6.5

Viewing angle = 180°, No. of chips = 6   Forward current   20mA
Supply voltage = 24V   Operating temperature   -30°C to +60°C

Luminous intensity (typ.)		Peak Wavelength
Red	35mcd	635nm
Green	30mcd	565nm
Yellow	33mcd	585nm

OPT409

Colour	Mftrs. List No.	Order Code	Price Each		
			1+	5+	10+
Red	6144S1R5M9D	.743-951			
Green	6144S1G5M9D	.743-963			
Yellow	6144S1Y5M9D	.743-975			

ROTOX® Segmented Indicators   OXLEY

● Independant addressable segments
● Black body aids contrast of light output
● Replaces 2 or 3 single indicators
● Sealed to **IP64**
● Traffic light simulation, visual indication of rotation, battery status, temperature indication, etc.
● Supplied with fixing nut and washer

L = 15.5 (body),
Bezel = 1.5 12.7 dia,
Leads = 0.5sq 20.0,
Mounting hole dia = 10.15,
Max panel thickness = 8.0
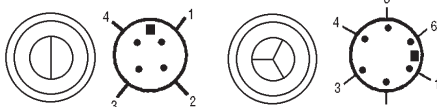
882-094/882-100   882-112

Colour	Lum. Intensity (mcd) @I_F = 20mA		I_F (mA) (max)	PIV (max)	Mftrs. List No.	Order Code
	min	typ.				
2 Segments						
Red/Green	24/45	24/45	30/30	5	2/OXL/LH23/R/G	882-094
Hyper Red/Hyper Blue	35/180	65/300	30/30	5	2/OXL/LH23/AL/B	882-100
3 Segments						
Red/Yellow/Green	24/24/24	45/45/45	30/20/30	5	3/OXL/LH23/R/Y/G	882-112

OPT501

Colour	Order Code	Price Each
		1+
2 Segments		
Red/Green	882-094	
Hyper Red/Hyper Blue	882-100	
3 Segments		
Red/Yellow/Green	882-112	

5mm – IP67 Rated   MARL

This range of LED indicators have a flat top freshnel lens. They are sealed to **IP67** rating fitted with sealing rings, fixing nut and washer.

Operating temperature range: –40°C to +86°C

Overall L = 22.8
Total L behind bezel = 9.8
Bezel dia. (Hexagonal) = 10.2 (9.5AF)
Mounting hole = 6.35 dia.

Colour	View Angle	Lum. Intensity (mcd) @ I_F = 20mA (typ.)	I_F (max)	V_F (typ.)	PIV (max)	Order Code
Red	130°	100	30	2.2V	3	139-520
Green	130°	160	30	2.2V	3	139-531
Yellow	130°	100	30	2.2V	3	139-543

OPT561

Colour	Order Code	Price Each				
		1+	10+	25+	50+	100+
Red	**139-520**					
Green	**139-531**					
Yellow	**139-543**					

5mm, Snap-In Indicator   MARL
20mA & 5V dc

● Cost effective panel indicator
● Designed for rapid installation into the panel
● For use with 20mA or 5 volts DC
● Robust nylon housing
● 6.35mm mounting dia.
● MTBF 90,000 hours

L = 18.8 (overall), Length behind bezel = 13.5, Mounting hole dia. = 6.35,
Bezel dia. = 7.0, Lead length = 288

Colour/ Forward Voltage	Luminous Intensity @ 20mA (mcd)	Operating Current	Wavelength
Red 2Vdc	5-32	10mA	660nm
Green 2Vdc	5-32	10mA	525nm
Yellow 2Vdc	5-32	10mA	595nm
Red/Green 2Vdc	20-90/20-70	20mA	660/525nm
Red 5Vdc	32-200	20mA	660nm
Green 5Vdc	32-200	20mA	525nm
Yellow 5Vdc	20-80	20mA	595nm

Viewing angle: 60°   Operating temperature: -40°C to +80°C

OPT609

Colour	Mftrs. List No.	Order Code	Price Each				
			1+	10+	25+	50+	100+
Without Resistor							
20mA Red	352-503-04-15	**301-3844**					
20mA Green	352-512-04-15	**301-3856**					
20mA Yellow	352-509-04-15	**301-3868**					
20mA Red/Green	352-535-04-15	**301-3870**					
With Resistor							
5V dc Red	352-503-20-15	**301-3881**					
5V dc Green	352-512-20-15	**301-3893**					
5V dc Yellow	352-509-20-15	**301-3900**					

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