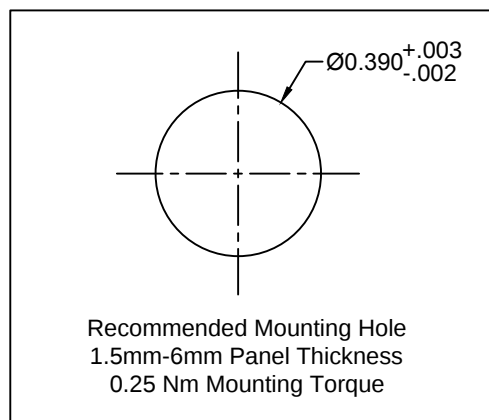
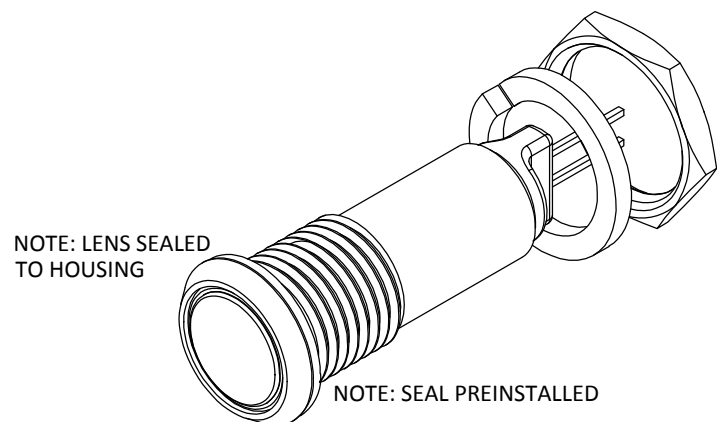
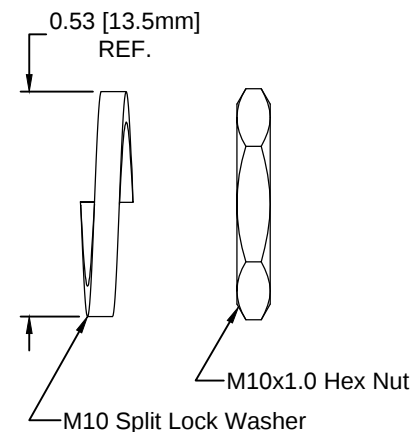
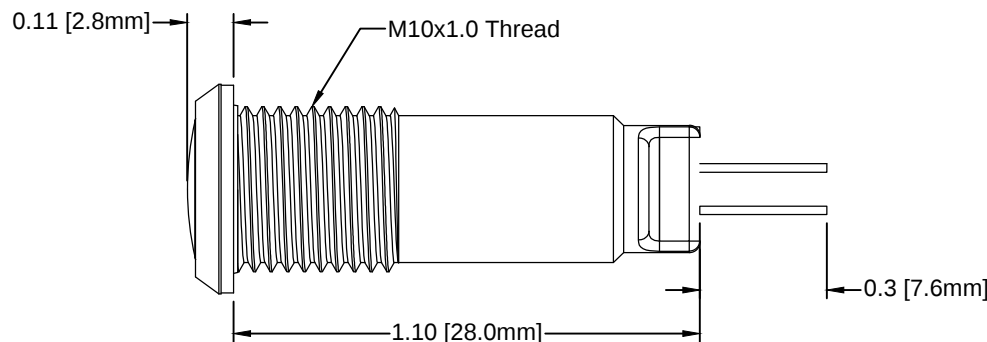
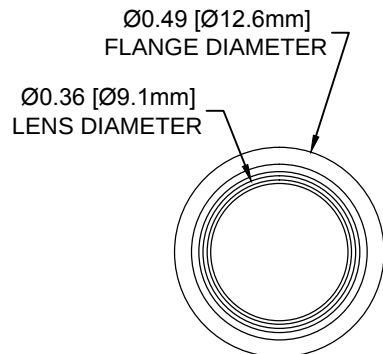
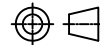


661 Series

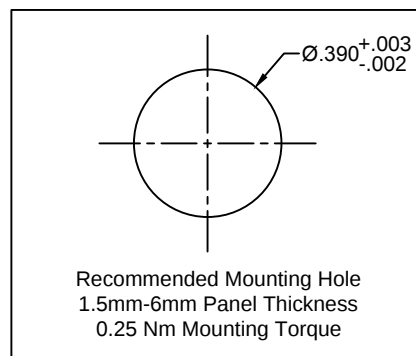
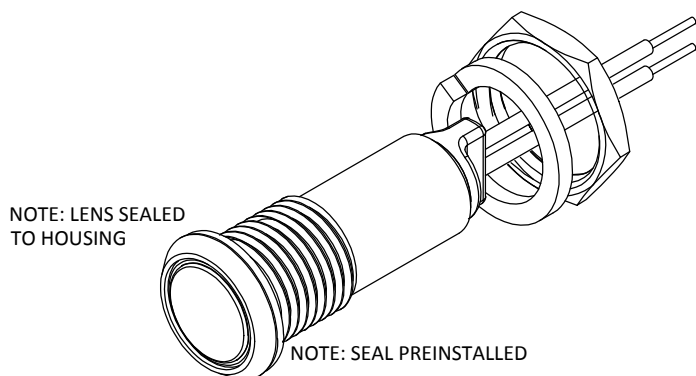
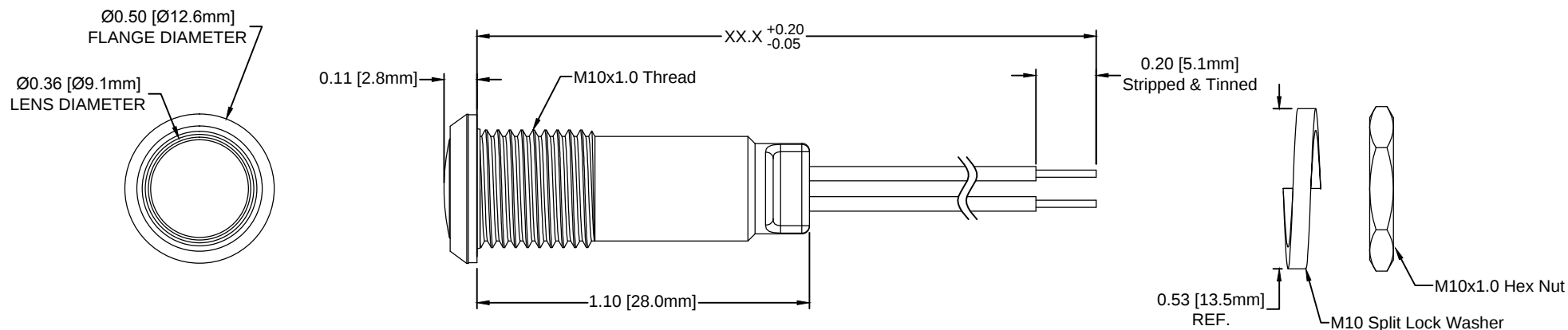


NOTES:

1. SEALED TO IP67 RATING
2. ROHS COMPLIANT
3. MOUNTING HARDWARE SHIPPED NON-ASSEMBLED
4. BIPOLAR OPERATION
5. WIDE RANGE VOLTAGE INPUT, SEE SHEET #2

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)			MARL BUSINESS PARK, ULVERSTON, UK. LA12 9BN Tel: +44 (0)1229 582 430. Web: www.leds.co.uk	
DECIMALS	ANGULAR			
.X ± .1	X° ± 1°		TITLE: IP67 Rated Panel Mount Indicator	
.XX ± .02				
.XXX ± .010				
Issue 3		PART NO: 661 Series		
		SHEET # 1 OF 3		
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.				

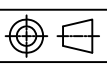
661 Series (Flying Leads version)



Wire specification:
Black to UL1061
24AWG

NOTES:

1. SEALED TO IP67 RATING
2. ROHS COMPLIANT
3. MOUNTING HARDWARE SHIPPED NON-ASSEMBLED
4. BIPOLAR OPERATION
5. WIDE RANGE VOLTAGE INPUT, SEE SHEET #2

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)			MARL BUSINESS PARK, ULVERSTON, UK. LA12 9BN Tel: +44 (0)1229 582 430. Web: www.leds.co.uk	
<u>DECIMALS</u>	<u>ANGULAR</u>			
.X ± .1	X° ± 1°		TITLE: IP67 Rated Panel Mount Indicator	
.XX ± .02				
.XXX ± .010				
Issue 3		PART NO: 661 Series		
		SHEET # 2 OF 3		
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.				

Marl Part No.	LED Part Number	Peak Wave Length λ_p (nm)	Emitted Colour	Lens Appearance	Electro-Optical Data @ 20mA		Viewing Angle	Termination
					Input Vf (VAC/VDC)	Lamp Iv (mcd)		
					TYP	TYP		
661-508-64	508	605	AMBER	WHITE DIFFUSED	8-48	9	120	PINS
661-508-64-40								12IN FLYING LEADS
661-520-64	520	430	BLUE	WHITE DIFFUSED	8-48	70	120	PINS
661-520-64-40								12IN FLYING LEADS
661-514-64	514	568	GREEN	WHITE DIFFUSED	8-48	11	120	PINS
661-514-64-40								12IN FLYING LEADS
661-505-64	505	645	RED	WHITE DIFFUSED	8-48	14	120	PINS
661-505-64-40								12IN FLYING LEADS
661-511-64	511	590	YELLOW	WHITE DIFFUSED	8-48	105	120	PINS
661-511-64-40								12IN FLYING LEADS

Marl Part No.	LED Part Number	Colour Temperature	Emitted Colour	Lens Appearance	Electro-Optical Data @ 20mA		Viewing Angle	Termination
					Input Vf (VAC/VDC)	Lamp Iv (mcd)		
					TYP	TYP		
661-997-64	997	5000K	NEUTRAL WHITE	WHITE DIFFUSED	8-48	210	120	PINS
661-997-64-40								12IN FLYING LEADS

ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

MAXIMUM POWER DISSIPATION _____ 400 mW
 OPERATING TEMPERATURE RANGE _____ -30°C ~ 85°C
 STORAGE TEMPERATURE _____ -40°C ~ 85°C

STANDARD TOLERANCE
(UNLESS OTHERWISE SPECIFIED)

DECIMALS	ANGULAR
.X ± .1	X° ± 1°
.XX ± .02	
.XXX ± .010	

MARL

MARL BUSINESS PARK, ULVERSTON, UK. LA12 9BN
Tel: +44 (0)1229 582 430. Web: www.leds.co.uk

TITLE
IP67 Rated Panel Mount Indicator

PART NO: 661 Series

SHEET # 3 OF 3

CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.

Issue 3