

## RING ILLUMINATED—STAINLESS STEEL CASE AND BUTTON

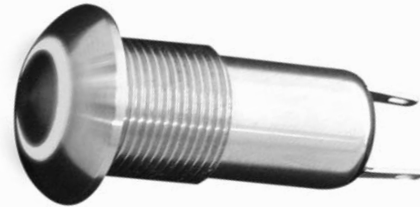
The Illuminated Vandal Series LP3-V & LP5-V have been designed to provide attractive, lighted position indication for applications in harsh environments, where security and reliability are paramount. The series features both aluminum and stainless steel cases with IP68, one meter submersion ratings.

These high reliability switches offer the durability and ruggedness our customers have come to expect with the added benefit of illumination. They are ideal for Marine, Off-Highway and Industrial Control applications that require an illuminated switch.

These switches offer positive tactile feedback, less than 25 milliohms contact resistance, and a variety of LED colors available in both flat and domed actuator bezel shapes.

### Quality Features:

- Security (aluminum) and Vandal Proof (stainless steel) case and button
- Ring illuminated
- Watertight to IP68
- RoHs compliant
- Less than 25 milliohms contact resistance
- High and low profile button option
- Variety of LED colors
- Drop in replacement to the P8-V series



STANDARD CHARACTERISTICS/RATINGS:		
<b>MATERIALS:</b>		
Case:	Stainless Steel/Aluminum	
Button:	Center Cap Satinless Steel/Aluminum	
Seal:	Dusttight per MIL-PRF-8805 and Splash Proof per IP64 Watertight per IP68S 1 meter	
<b>ELECTRICAL:</b>		
Electrical Ratings:	Sea Level	
<b>LOAD</b>	<b>28 VDC</b>	<b>115 VAC</b>
Resistive	5 Amps	5 Amps
Inductive	3 Amps	3 Amps
Lamp	1 Amp	1 Amp
Motor	3 Amps	3 Amps
DWV: 1050 Vrms		
Electrical Life:	25,000 cycles	
<b>LIGHT SOURCE VOLTAGE (DC)</b>	<b>ACTUAL VOLTAGE NOMINAL (DC)</b>	<b>VOLTAGE MAXIMUM (DC)</b>
2	2	2.6
6	7	8
12	13.5	14.5
24	28	28.6
<b>MECHANICAL:</b>		
Total Travel:	.080 max	
Overtravel:	.010 min	
Operating Force:	2.5 or 5.0lbs	
Mechanical Life:	250,000 cycles at ambient and +85°C 25,000 cycles at -55°C	

### Light Vandal LP3-V Part Number Matrix

Type	Case Style	Circuit Rating	Light Source Type w/ Rev. Pol. Protection	Seal Level	Operate Force	Case/Center Cap Color	Button Profile
V. Stainless	1. 5/8-24 & Hex Nut	1. SPST N.O. / STD	A. 2V Red LED	2. Dusttight	2. 2.5 Lbs.	1. Silver	1. High Profile Flat Button
A. Aluminum	2. 5/8-24 & Knurl Nut	2. SPST N.C. / STD	B. 2V Green LED	3. Watertight	5. 5 Lbs.	2. Black*	2. High Profile Curved Button
	3. 5/8-24 W/D—Flat & Hex Nut	3. SPDT 2-CIRCUIT / STD	C. 2V Amber LED			*Only available on LP3-A Styles	3. Low Profile Flat Button
	4. 5/8-24 W/D—Flat & Knurl Nut	4. SPST N.O. / LOW LEVEL	D. 6V Red LED				4. Low Profile Curved Button
	5. 3/4-20 & Hex Nut	5. SPST N.C. / LOW LEVEL	E. 6V Green LED				5. Flush Profile Flat Button
	6. 3/4-20 & Knurl Nut	6. SPDT 2-CIRCUIT / LOW LEVEL	F. 6V Amber LED				
	7. 3/4-20 W/D—Flat & Hex Nut		G. 12V Red LED				
	8. 3/4-20 W/D—Flat & Knurl Nut		H. 12V Green LED				
			I. 12V Amber LED				
			J. 24V Red LED				
			K. 24V Green LED				
			L. 24V Amber LED				
			M. 2V Blue LED				
			N. 6V Blue LED				
			O. 12V Blue LED				
			P. 24V Blue LED				

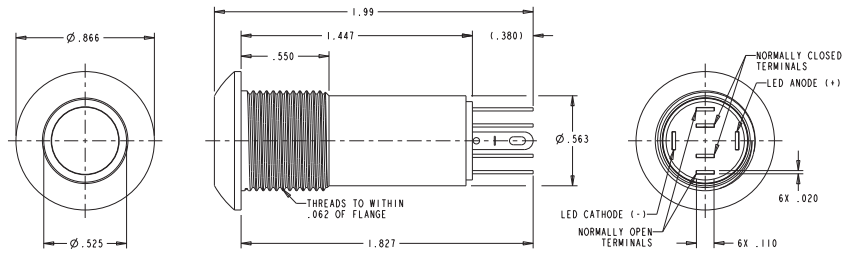
Note: Contact factory for additional LED lighting options

# ILLUMINATED VANDAL-PROOF PUSHBUTTON

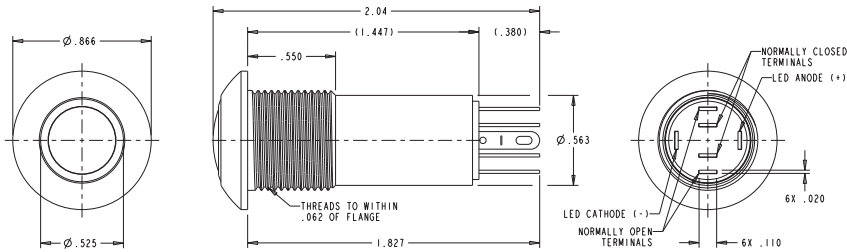
**LP3-V**  
ILLUMINATED  
VANDAL PROOF  
PUSHBUTTON

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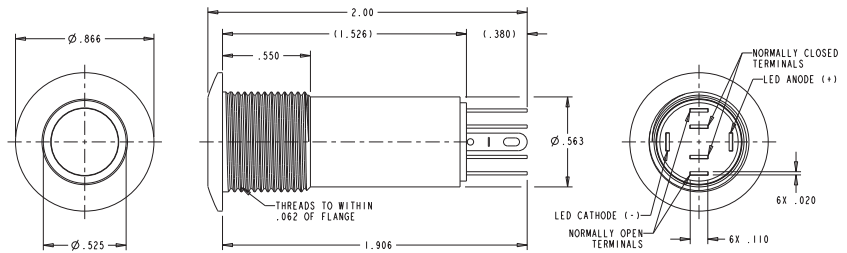
**LP3-1**  
High Profile Flat Button



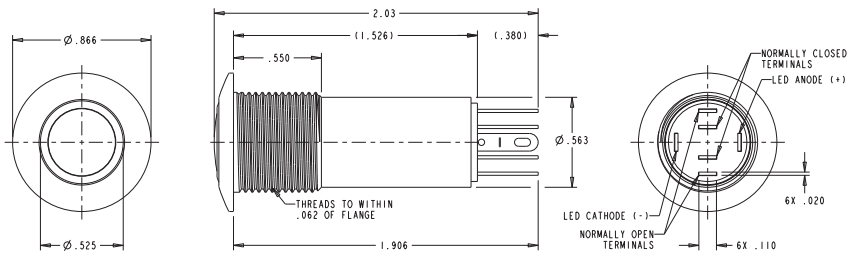
**LP3-2**  
High Profile Curved Button



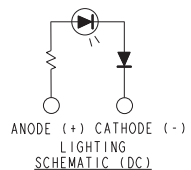
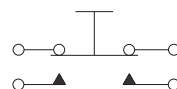
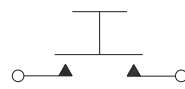
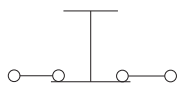
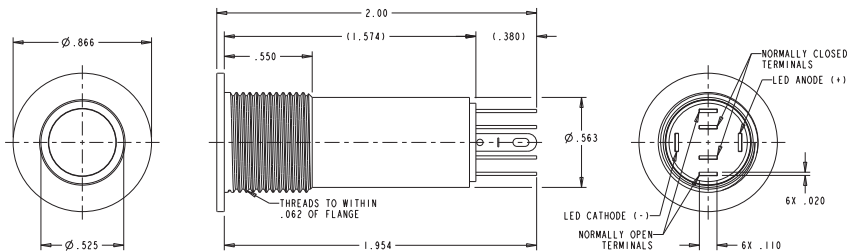
**LP3-3**  
Low Profile Flat Button



**LP3-4**  
Low Profile Curved Button



**LP3-5**  
Flush Profile Flat Button



PUSHBUTTONS