



Certifications & Ratings

- UL 1598 (E156890)
- IP66
- NEMA 4X
- RoHS Compliant w/6C exemption
- IK07

Application

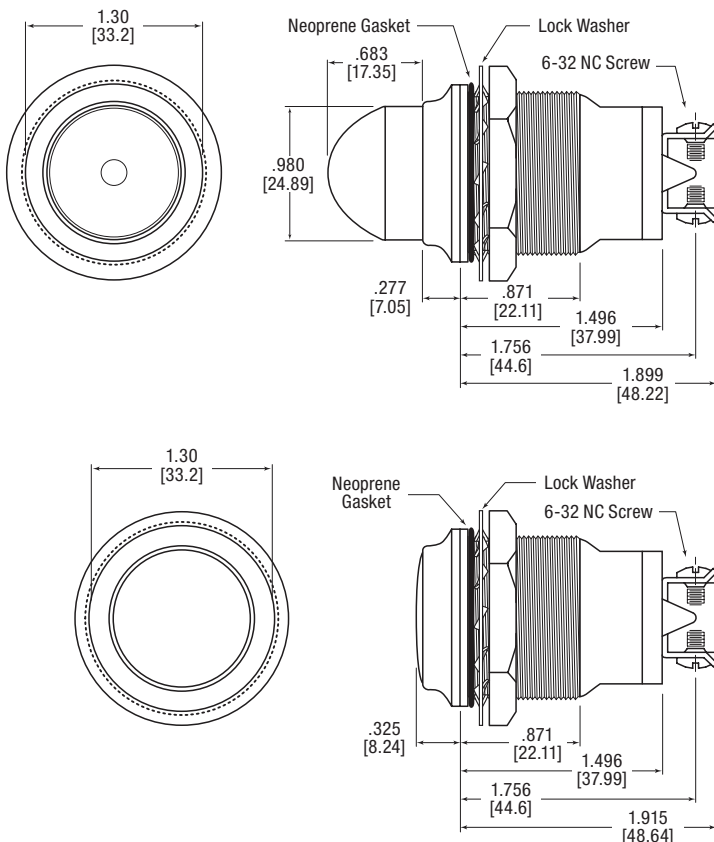
The 630 Series LED Panel Mount Indicators incorporate both InGaP and AlInGaP technologies to offer maximum light output. This is a highly durable package, designed to withstand outdoor applications susceptible to rain, dust and sunlight:

- Instrument panels
- Safety applications
- UL 508 panel applications
- Petrochemical applications
- Environmental Monitoring Equipment specifications
- Pump system controllers
- Mining application
- Oil Refineries
- Agricultural controls
- Power generators

... and many more!

Dimensions

inches [mm]



Mechanical information

Mounting Hole Size: 1.18" (30 mm)
Max Panel Thickness: Flat: 0.575" (14.6 mm)
Dome: 0.375" (9.53 mm)
Mounting Torque: 40 in-lbs

Specifications

Voltage Options: 12 & 24 VDC, and 120 VAC (no resistor required)
Operating Temp: -30°C to +85°C (-22°F to +185°F)
Storage Temp: -40°C to +100°C (-40°F to +212°F)
Electrical Connection: 6-32 screw terminals
Housing: Brass—White Nickel Plated
Terminals: Brass — Hot solder dip per Mil-F-14072D, M258, Type II
Lens Material: Transparent Polycarbonate (UL 94-0)
Lock Washer: Phosphor Bronze — Nickel Plated
Nut: Brass—Nickel Plated

Ordering Information 630 Series

Part Number Guide											RoHS Compliant	
6	3	0	-	X	X	X	-	3	0	4	F	
				Lens Style				Voltage				
				Flat	1			3	12 VDC			
				Domed	2			4	24 VDC			
								5	120 VAC			
				Color								
				○ White	0	0						
				● Red	5	0						
				● Green	6	0						
				● Yellow	7	0						
				● Blue	8	0						

Dialight P/N	Color	Voltage	Current (mA)	Typical Intensity (mcd)
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Flat Lens

630-1003-304F	White	12 VDC	60	61,000
630-1503-304F	Red		95	22,000
630-1603-304F	Green		60	41,500
630-1703-304F	Yellow		95	13,500
630-1803-304F	Blue		60	13,000
630-1004-304F	White	24 VDC	32	61,000
630-1504-304F	Red		46	22,000
630-1604-304F	Green		32	41,500
630-1704-304F	Yellow		95	13,500
630-1804-304F	Blue		32	13,000
630-1005-304F	White	120 VAC	9.5	35,000
630-1505-304F	Red		10.5	8,000
630-1605-304F	Green		9.5	29,000
630-1705-304F	Yellow		95	5,750
630-1805-304F	Blue		9.5	7,750

Domed Lens

630-2003-304F	White	12 VDC	60	17,000
630-2503-304F	Red		95	14,000
630-2603-304F	Green		60	14,000
630-2703-304F	Yellow		95	4,000
630-2803-304F	Blue		60	12,000
630-2004-304F	White	24 VDC	32	17,000
630-2504-304F	Red		46	14,000
630-2604-304F	Green		32	14,000
630-2704-304F	Yellow		95	4,000
630-2804-304F	Blue		32	12,000
630-2005-304F	White	120 VAC	9.5	10,250
630-2505-304F	Red		10.5	2,500
630-2605-304F	Green		9.5	9,500
630-2705-304F	Yellow		95	1,750
630-2805-304F	Blue		9.5	3,000

Dialight reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at: www.dialightsignalsandcomponents.com

Warranty Statement: Except for the warranty expressly provided for [herein/above/below], Dialight disclaims any and all other warranties, express or implied, including, without limitation, any warranties of merchantability, fitness for a particular purpose, title, and noninfringement.

Mouser Electronics

Authorized Distributor

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Dialight:

<u>630-1004-304F</u>	<u>630-1505-304F</u>	<u>630-1603-304F</u>	<u>630-1604-304F</u>	<u>630-1605-304F</u>	<u>630-1703-304F</u>	<u>630-3804-304F</u>
<u>630-3805-304F</u>	<u>630-1005-304F</u>	<u>630-1503-304F</u>	<u>630-1504-304F</u>	<u>630-3604-304F</u>	<u>630-3605-304F</u>	<u>630-3703-304F</u>
<u>630-3704-304F</u>	<u>630-3705-304F</u>	<u>630-3803-304F</u>	<u>630-3004-304F</u>	<u>630-3005-304F</u>	<u>630-3503-304F</u>	<u>630-3504-304F</u>
<u>630-3505-304F</u>	<u>630-3603-304F</u>	<u>630-1704-304F</u>	<u>630-1705-304F</u>	<u>630-1803-304F</u>	<u>630-1804-304F</u>	<u>630-1805-304F</u>
<u>630-3003-304F</u>						