630 Series
30 mm Panel Mount Indicators



Certifications & Ratings

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

Application

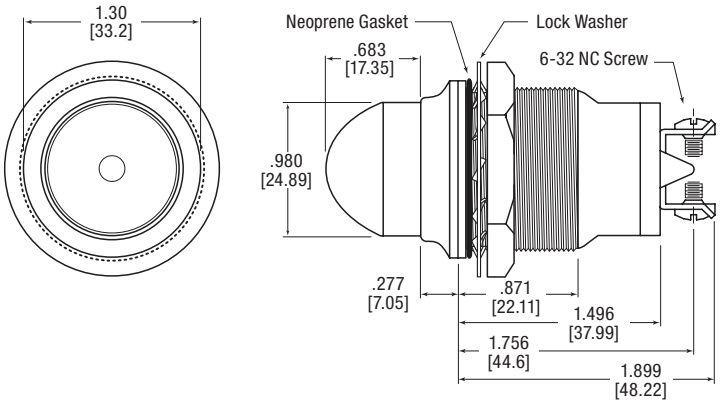
The 630 Series LED Panel Mount Indicators incorporate both InGaN and AlInGaP technologies to offer maximum light output. This is a highly durable package, designed to withstand outdoor applications susceptible to rain, dust and sunlight:

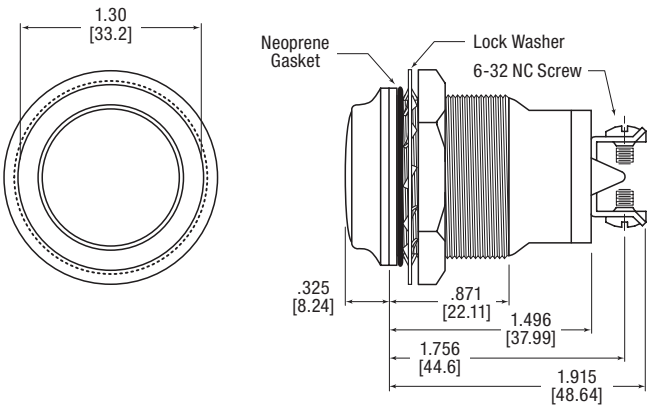
- Instrument panels
- Safety applications
- UL 508 panel applications
- Petrochemical applications
- Environmental Monitoring Equipment specifications
- Pump system controllers
- Mining application
- Oil Refineries
- Agricultural controls
- Power generators

. . . 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

RoHS COMPLIANT

Dialight

Ordering Information 630 Series

Part Number Guide

RoHS Compliant

6	3	0	-	X	X	X	X	-	3	0	4	F

Lens Style

Flat	1
Domed	3

Color

White	0	0
Red	5	0
Green	6	0
Yellow	7	0
Blue	8	0

Voltage

3	12 VDC
4	24 VDC
5	120 VAC

Flat Lens

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

Dialight P/N	Color	Voltage	Current (mA)	Typical Intensity (mcd)
630-3003-304F	White	12 VDC	60	17,000
630-3503-304F	Red		95	14,000
630-3603-304F	Green		60	14,000
630-3703-304F	Yellow		95	4,000
630-3803-304F	Blue		60	12,000
630-3004-304F	White	24 VDC	32	17,000
630-3504-304F	Red		46	14,000
630-3604-304F	Green		32	14,000
630-3704-304F	Yellow		95	4,000
630-3804-304F	Blue		32	12,000
630-3005-304F	White	120 VAC	9.5	10,250
630-3505-304F	Red		10.5	2,500
630-3605-304F	Green		9.5	9,500
630-3705-304F	Yellow		95	1,750
630-3805-304F	Blue		9.5	3,000

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