



Certifications & Ratings

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

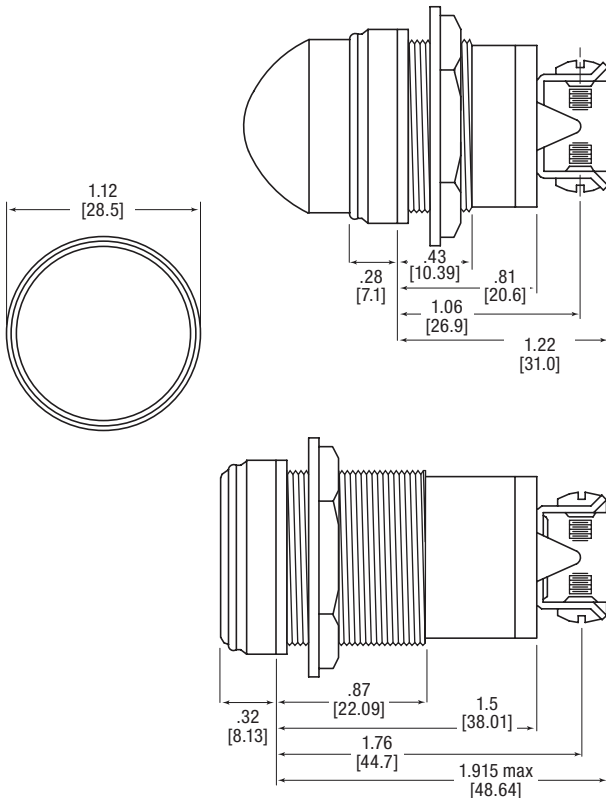
Application

The 556 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. In addition, the Class I, Division 2 rating allows for use in hazardous environments common to the oil and gas, mining, and chemical industries:

- 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: 1.0" (25.4 mm)

Max Panel Thickness: Flat: 0.600" (15.24 mm)
Dome: 0.187" (4.27 mm)

Mounting Torque: 40 in-lbs

Specifications

Voltage Options: 12 to 125VDC, and 125, 230VAC (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 or Black Nickel Plated

Terminals: Brass — Hot solder dip per Mil-F-14072D, M258, Type II

Lens Material: Transparent Polycarbonate (UL 94V-0)

Lock Washer: Phosphor Bronze — White or Black Nickel Plated

Nut: Brass—White or Black Nickel Plated



Ordering Information

556 Series—Class 1, Div 2

Part Number Guide 556 Series

RoHS Compliant

5	5	6	-	X	X	X	X	-	X	2	4	F
Lens Style								Voltage				
Flat	1	Color				3	12 VDC					
Domed	3		White	0	0	4	24 VDC					
			Red	5	0	8	37.5 VDC	Plating				
			Green	6	0	6	72 VDC	2	Black			
			Cyan	6	8	7	125 VDC	3	White			
			Yellow	7	0	5	125 VAC					
			Blue	8	0	9	230 VDC					
			Orange	9	0							

Flat Lens

Domed Lens

White Nickel	Black Nickel	White Nickel	Black Nickel	Color	Voltage	Typ Current (mA)	Typical Intensity (mcd)
556-1003-324F	556-1003-224F	556-3003-324F	556-3003-224F	○ White	12 VDC	60	6900
556-1503-324F	556-1503-224F	556-3503-324F	556-3503-224F	● Red		95	5100
556-1603-324F	556-1603-224F	556-3603-324F	556-3603-224F	● Green		60	6900
556-1683-324F	556-1683-224F	556-3683-324F	556-3683-224F	● Cyan		60	6900
556-1703-324F	556-1703-224F	556-3703-324F	556-3703-224F	● Yellow		95	5100
556-1803-324F	556-1803-224F	556-3803-324F	556-3803-224F	● Blue		60	2000
556-1903-324F	556-1903-224F	556-3903-324F	556-3903-224F	● Orange		95	5100
556-1004-324F	556-1004-224F	556-3004-324F	556-3004-224F	○ White	24 VDC	32	6900
556-1504-324F	556-1504-224F	556-3504-324F	556-3504-224F	● Red		46	5100
556-1604-324F	556-1604-224F	556-3604-324F	556-3604-224F	● Green		32	6900
556-1684-324F	556-1684-224F	556-3684-324F	556-3684-224F	● Cyan		32	6900
556-1704-324F	556-1704-224F	556-3704-324F	556-3704-224F	● Yellow		46	5100
556-1804-324F	556-1804-224F	556-3804-324F	556-3804-224F	● Blue		32	2000
556-1904-324F	556-1904-224F	556-3904-324F	556-3904-224F	● Orange		46	2000
556-1508-324F	556-1508-224F	556-3508-324F	556-3508-224F	● Red	37.5 VDC	20	4500
556-1608-324F	556-1608-224F	556-3608-324F	556-3608-224F	● Green		16	6900
556-1708-324F	556-1708-224F	556-3708-324F	556-3708-224F	● Yellow		20	4500
556-1006-324F	556-1006-224F	556-3006-324F	556-3006-224F	○ White	72 VDC	18.5	5100
556-1506-324F	556-1506-224F	556-3506-324F	556-3506-224F	● Red		18.5	4500
556-1606-324F	556-1606-224F	556-3606-324F	556-3606-224F	● Green		16	5100
556-1706-324F	556-1706-224F	556-3706-324F	556-3706-224F	● Yellow		20	4500
556-1806-324F	556-1806-224F	556-3806-324F	556-3806-224F	● Blue		18.5	1700
556-1007-324F	—	556-3007-324F	—	○ White	125 VDC	10.5	3100
556-1507-324F	—	556-3507-324F	—	● Red		10	1200
556-1607-324F	—	556-3607-324F	—	● Green		10	1700
556-1707-324F	—	556-3707-324F	—	● Yellow		10	1200
556-1005-324F	—	556-3005-324F	—	○ White	125 VAC	11	3100
556-1505-324F	—	556-3505-324F	—	● Red		10.5	2000
556-1605-324F	—	556-3605-324F	—	● Green		9.5	3100
556-1685-324F	—	556-3685-324F	—	● Cyan		9.5	3100
556-1705-324F	—	556-3705-324F	—	● Yellow		10.5	2000
556-1805-324F	—	556-3805-324F	—	● Blue		9.5	860
556-1905-324F	—	556-3905-324F	—	● Orange		10.5	860
556-1009-324F	—	556-3009-324F	—	○ White	230 VAC	6	3100
556-1509-324F	—	556-3509-324F	—	● Red		7	2000
556-1609-324F	—	556-3609-324F	—	● Green		7	3100
556-1709-324F	—	556-3709-324F	—	● Yellow		7	2000
556-1809-324F	—	556-3809-324F	—	● Blue		7	860
556-1909-324F	—	556-3909-324F	—	● Orange		7	3100

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Dialight:

<u>556-1504-324F</u>	<u>556-1603-324F</u>	<u>556-1604-324F</u>	<u>556-1705-324F</u>	<u>556-1707-324F</u>	<u>556-1684-324F</u>	<u>556-1704-324F</u>
<u>556-1903-324F</u>	<u>556-3503-324F</u>	<u>556-1509-324F</u>	<u>556-1605-324F</u>	<u>556-1505-324F</u>	<u>556-3704-324F</u>	<u>556-3505-324F</u>
<u>556-1703-324F</u>	<u>556-3504-324F</u>	<u>556-1503-324F</u>	<u>556-3705-324F</u>	<u>556-1506-324F</u>	<u>556-3603-324F</u>	<u>556-1609-324F</u>
<u>556-3605-324F</u>	<u>556-3609-324F</u>	<u>556-1005-324F</u>	<u>556-3604-324F</u>	<u>556-1004-324F</u>	<u>556-1508-324F</u>	<u>556-1608-324F</u>
<u>556-1683-324F</u>	<u>556-1685-324F</u>	<u>556-1708-324F</u>	<u>556-1804-324F</u>	<u>556-1606-324F</u>	<u>556-1806-324F</u>	<u>556-1706-324F</u>
<u>556-1009-324F</u>	<u>556-3608-324F</u>	<u>556-3707-324F</u>	<u>556-3684-324F</u>	<u>556-3509-324F</u>	<u>556-3805-324F</u>	<u>556-3685-324F</u>
<u>556-3809-324F</u>	<u>556-3905-324F</u>	<u>556-3804-324F</u>	<u>556-1803-324F</u>	<u>556-1709-324F</u>	<u>556-1805-324F</u>	<u>556-1809-324F</u>
<u>556-1905-324F</u>	<u>556-1909-324F</u>	<u>556-3507-324F</u>	<u>556-3607-324F</u>			