



Certifications & Ratings

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

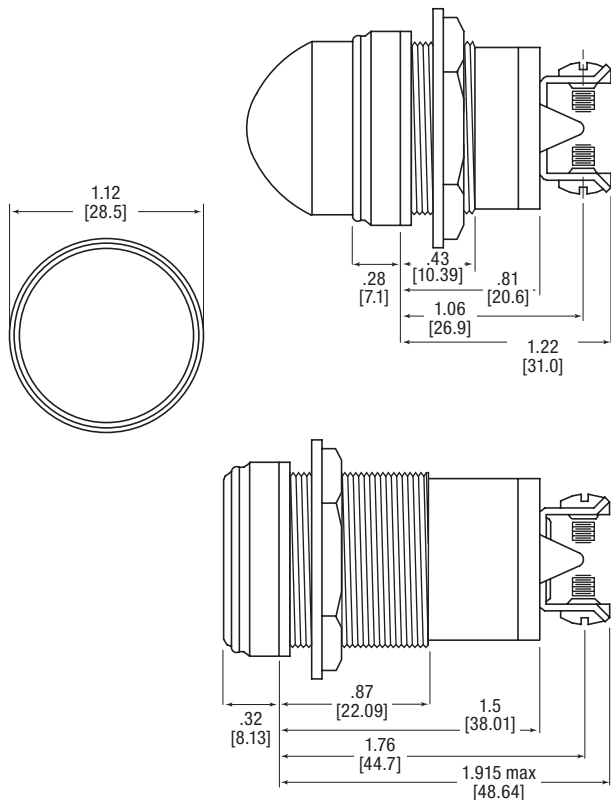
Application

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, Flat Lens

Part Number Guide 556 Series

RoHS Compliant

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

Flat Lens

White Nickel	Black Nickel	Color	Voltage	Typ Current (mA)	Typical Intensity (mcd)
556-1003-324F	556-1003-224F	○ White	12 VDC	60	61,000
556-1503-324F	556-1503-224F	● Red		95	22,000
556-1603-324F	556-1603-224F	● Green		60	41,500
556-1683-324F	556-1683-224F	● Cyan		60	37,000
556-1703-324F	556-1703-224F	● Yellow		95	13,500
556-1803-324F	556-1803-224F	● Blue		60	13,000
556-1903-324F	556-1903-224F	● Orange		95	11,500
556-1004-324F	556-1004-224F	○ White	24 VDC	32	61,000
556-1504-324F	556-1504-224F	● Red		46	22,000
556-1604-324F	556-1604-224F	● Green		32	41,500
556-1684-324F	556-1684-224F	● Cyan		32	37,000
556-1704-324F	556-1704-224F	● Yellow		46	13,500
556-1804-324F	556-1804-224F	● Blue		32	13,000
556-1904-324F	556-1904-224F	● Orange		46	11,500
556-1508-324F	556-1508-224F	● Red	37.5 VDC	20	14,000
556-1608-324F	556-1608-224F	● Green		16	54,000
556-1708-324F	556-1708-224F	● Yellow		20	12,750
556-1006-324F	556-1006-224F	○ White	72 VDC	18.5	15,000
556-1506-324F	556-1506-224F	● Red		18.5	45,500
556-1606-324F	556-1606-224F	● Green		16	9,000
556-1706-324F	556-1706-224F	● Yellow		20	15,000
556-1806-324F	556-1806-224F	● Blue		18.5	36,000
556-1007-324F	—	○ White	125 VDC	10.5	8,000
556-1507-324F	—	● Red		10	27,000
556-1607-324F	—	● Green		10	5,750
556-1707-324F	—	● Yellow	125 VAC	10	35,000
556-1005-324F	—	○ White		11	8,000
556-1505-324F	—	● Red		10.5	29,000
556-1605-324F	—	● Green		9.5	24,750
556-1685-324F	—	● Cyan		9.5	5,750
556-1705-324F	—	● Yellow		10.5	7,750
556-1805-324F	—	● Blue		9.5	6,000
556-1905-324F	—	● Orange		10.5	35,000
556-1009-324F	—	○ White	230 VAC	6	8,000
556-1509-324F	—	● Red		7	29,000
556-1609-324F	—	● Green		7	5,750
556-1709-324F	—	● Yellow		7	7,750
556-1809-324F	—	● Blue		7	6,000
556-1909-324F	—	● Orange		7	3100



Ordering Information

556 Series — Class 1, Div 2, Domed Lens

Domed Lens

White Nickel	Black Nickel	Color	Voltage	Typ Current (mA)	Typical Intensity (mcd)
556-3003-324F	556-3003-224F	○ White	12 VDC	60	17,000
556-3503-324F	556-3503-224F	● Red		95	14,000
556-3603-324F	556-3603-224F	● Green		60	14,000
556-3683-324F	556-3683-224F	● Cyan		60	11,500
556-3703-324F	556-3703-224F	● Yellow		95	4,000
556-3803-324F	556-3803-224F	● Blue		60	12,000
556-3903-324F	556-3903-224F	● Orange		95	3,500
556-3004-324F	556-3004-224F	○ White	24 VDC	32	17,000
556-3504-324F	556-3504-224F	● Red		46	14,000
556-3604-324F	556-3604-224F	● Green		32	14,000
556-3684-324F	556-3684-224F	● Cyan		32	11,500
556-3704-324F	556-3704-224F	● Yellow		46	4,000
556-3804-324F	556-3804-224F	● Blue		32	12,000
556-3904-324F	556-3904-224F	● Orange		46	3,500
556-3508-324F	556-3508-224F	● Red	37.5 VDC	20	4,750
556-3608-324F	556-3608-224F	● Green		16	15,750
556-3708-324F	556-3708-224F	● Yellow		20	3,250
556-3006-324F	556-3006-224F	○ White	72 VDC	18.5	4,200
556-3506-324F	556-3506-224F	● Red		18.5	14,250
556-3606-324F	556-3606-224F	● Green		16	2,600
556-3706-324F	556-3706-224F	● Yellow		20	4,500
556-3806-324F	556-3806-224F	● Blue		18.5	10,250
556-3007-324F	—	○ White	125 VDC	10.5	2,500
556-3507-324F	—	● Red		10	8,250
556-3607-324F	—	● Green		10	1,500
556-3707-324F	—	● Yellow		10	10,250
556-3005-324F	—	○ White	125 VAC	11	2,500
556-3505-324F	—	● Red		10.5	9,500
556-3605-324F	—	● Green		9.5	6,500
556-3685-324F	—	● Cyan		9.5	1,750
556-3705-324F	—	● Yellow		10.5	3,000
556-3805-324F	—	● Blue		9.5	1,750
556-3905-324F	—	● Orange		10.5	10,250
556-3009-324F	—	○ White	230 VAC	6	2,500
556-3509-324F	—	● Red		7	9,500
556-3609-324F	—	● Green		7	1,750
556-3709-324F	—	● Yellow		7	3,000
556-3809-324F	—	● Blue		7	1,750
556-3909-324F	—	● Orange		7	3100

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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:

556-1005-803F	556-1505-812F	556-1605-805F	556-1605-806F	556-1703-804	556-1704-805	556-1704-808F	556-
1705-807F	556-3008-324F	556-3603-838F	556-3705-837F	556-3704-836F	556-1605-808F	556-1505-811F	556-
1705-809F	556-1604-807F	556-3805-834F	556-3505-835F	556-3708-832F	556-1504-809F	556-1504-811F	556-
1504-812F	556-1504-813F	556-1504-814F	556-1604-810F	556-1704-810F	556-1704-811F	556-1704-812F	556-
1905-801F	556-1905-841F	556-3504-801F	556-3604-801F	556-3605-840F	556-1609-811F	556-3906-304F	556-
1204-204F	556-1237-204F	556-1807-324F	556-3006-204F	556-3008-204F	556-3008-224F	556-3603-841F	556-
3906-204F	5561607324F						