556 Series
Class 1, Div 2 Panel Mount Indicators



Certifications & Ratings

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

Application

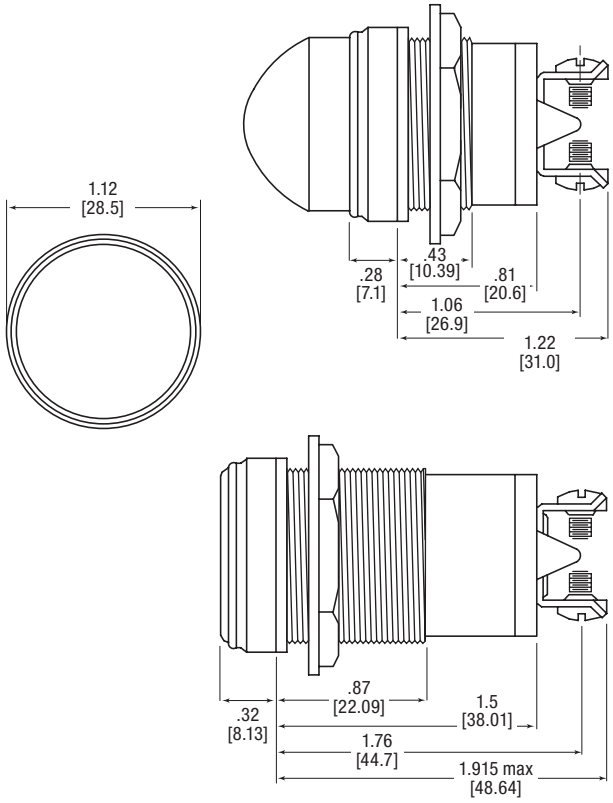
The 556 Series LED Panel Mount Indicators incorporate both InGaN and AlInGaP technologies to offer maximum light output. This is a highly durable package, designed to withstand outdoor applications susceptible to rain, dust and sunlight. In addition, the Class I, Division 2 rating allows for use in hazardous 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 125 V DC, and 125, 230 V AC (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

RoHS COMPLIANT

Dialight

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

Flat	1
Domed	3

Color

White	0	0
Red	5	0
Green	6	0
Cyan	6	8
Yellow	7	0
Blue	8	0
Orange	9	0

Voltage

3	12 VDC
4	24 VDC
8	37.5 VDC
6	72 VDC
7	125 VDC*
5	125 VAC*
9	230 VDC*

*white nickel only

Plating

2	Black
3	White

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		10	35,000
556-1005-324F	—	White	125 VAC	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

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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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