



Certifications & Ratings

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

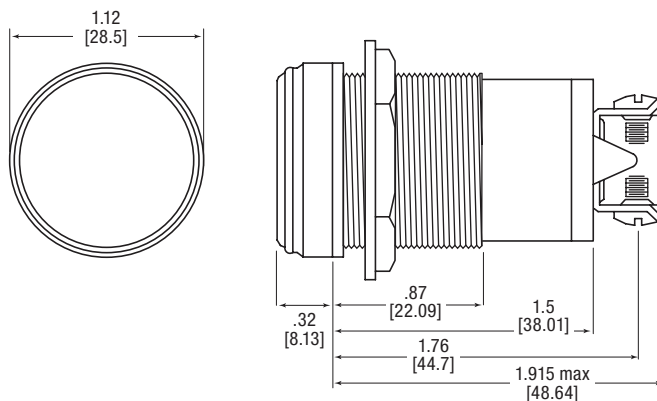
Application

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:

- Instrument panels
- Safety applications
- UL 508 panel applications
- Agricultural controls
- Power Generators
- Environmental Monitoring Equipment
- Ground support vehicles
- Pump system controllers
- Transportation - rail, bus, airline
- Lane control
- Display lighting
- ...and many more!

Dimensions

inches [mm]



Mechanical information

Mounting Hole Size: 1.0" (25.4 mm)

Max Panel Thickness: 0.600" (15.24 mm)

Mounting Torque: 40 in-lbs

Specifications

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

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

Lens Material: Clear UV Stabilized Polycarbonate (UL 94V-0)

Lock Washer: Phosphor Bronze — White or Black Nickel Plated

Nut: Brass—White or Black Nickel Plated



Ordering Information

556 Series — Daylight Viewable

Part Number Guide 556 Series

RoHS Compliant

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

White Nickel	Black Nickel	Color	Voltage	Typ Current (mA)	Typical Intensity (mcd)
556-1503-314F	556-1503-214F	Red	12 VDC	95	5100
556-1603-314F	556-1603-214F	Green		60	6900
556-1683-314F	556-1683-214F	Cyan		60	6900
556-1703-314F	556-1703-214F	Yellow		95	5100
556-1803-314F	556-1803-214F	Blue		60	2000
556-1903-314F	556-1903-214F	Orange		95	5100
556-1504-314F	556-1504-214F	Red	24 VDC	46	5100
556-1604-314F	556-1604-214F	Green		32	6900
556-1684-314F	556-1684-214F	Cyan		32	6900
556-1704-314F	556-1704-214F	Yellow		46	5100
556-1804-314F	556-1804-214F	Blue		32	2000
556-1904-314F	556-1904-214F	Orange		46	5100
556-1508-314F	556-1508-214F	Red	37.5 VDC	20	5100
556-1608-314F	556-1608-214F	Green		16	6900
556-1708-314F	556-1708-214F	Yellow		20	5100
556-1506-314F	556-1506-214F	Red	72 VDC	18.5	5100
556-1606-314F	556-1606-214F	Green		16	6900
556-1706-314F	556-1706-214F	Yellow		20	5100
556-1507-314F	—	Red	125 VDC	10	5100
556-1607-314F	—	Green			6900
556-1707-314F	—	Yellow			5100
556-1505-314F	—	Red	125 VAC	10.5	5100
556-1605-314F	—	Green		9.5	6900
556-1685-314F	—	Cyan		9.5	6900
556-1705-314F	—	Yellow		10.5	5100
556-1805-314F	—	Blue		9.5	2000
556-1905-314F	—	Orange		10.5	5100
556-1509-314F	—	Red	230 VAC	7	5100
556-1609-314F	—	Green			6900
556-1709-314F	—	Yellow			5100
556-1809-314F	—	Blue			2000
556-1909-314F	—	Orange			5100

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:

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<u>556-1609-314F</u>	<u>556-1703-314F</u>	<u>556-1706-314F</u>	<u>556-1504-314F</u>	<u>556-1608-314F</u>	<u>556-1704-314F</u>	<u>556-1683-314F</u>
<u>556-1605-314F</u>	<u>556-1505-314F</u>	<u>556-1707-314F</u>	<u>556-1803-314F</u>	<u>556-1607-314F</u>	<u>556-1705-314F</u>	<u>556-1506-314F</u>
<u>556-1603-314F</u>	<u>556-1509-314F</u>	<u>556-1809-314F</u>	<u>556-1709-314F</u>	<u>556-1905-314F</u>	<u>556-1903-314F</u>	<u>556-1805-314F</u>
<u>556-1606-314F</u>	<u>556-1507-314F</u>	<u>556-1909-314F</u>	<u>556-1804-314F</u>			