

LED Panel Mount Indicator Catalog

For LED and Relampable Products



Dialight

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Dialight Signals & Components

In business since 1938, Dialight continues to pioneer some of the most innovative applications in LED technology since the development of LED in the early 1970's. We put our expertise to work for you by designing the most reliable and costeffective LED products available. As a vertically integrated supplier, Dialight has the resources to design and produce everything in-house, supported by a global sales distribution network.



Typical Applications

Dialight's panel mount products are used for status indication in broad range of applications from heavy duty vehicles, military avionics displays to servers and communications equipment. Some examples of common applications are:

- Medical
- Military/Aviation
- Oil/Gas/Mining Equipment
- Food Processing
- Marine
- Wire and Harness
- Power Distribution
- Industrial Control Panels
- Test & Measurement
- Traffic controls and Rail Applications
- Servers & Storage
- Transportation
- Fan Trays

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Warranty Statement: Except for the warranty expressly provided for at: <https://www.dialight.com/resources/warranties/>, 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.

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LED Panel Mount Indicators*

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249 Series | 0.375" (9.53mm)

556 Series | 1" (25.40mm)

557 Series | 0.688" (17.46mm)

558 Series | 0.156" (3.96mm)

559 Series | 0.250" (6.35mm)

605–612 Series | 0.205"–0.492" (5.2mm–12.5mm)

620–623 Heavy Duty Series | 0.323" | 1.18" (8.2mm–30mm)

630 Series | 1.18" (30mm)

653 & 654 Snap-in Series | 0.58"–0.657" (14.7-16.7mm)

655 Series | 0.50" (12.7mm)

656 Series | 0.500" (12.7mm)

657 Series | 0.688" (17.46mm)

658 Series | 1" (25.40mm)

675–682 High Intensity Series | 0.205"–0.492" (5.2mm–12.5mm)



LED Bulbs

77

Based LED Bulbs

Incandescent Lamp / Based LED Cross-reference guide



Relampable Lampholders and Caps*

100

- 3/8" (9.53mm)
- 15/32" (11.91mm)
- 11/16" (17.46mm)
- 1" (25.40mm)

Neon & Incandescent Panel Mount Indicator Part Numbering System



Military Panel Mount Indicators

105

Military Panel Mount Indicators

Military Cross Reference Guide

*Dimensions are mounting hole diameter.



Certifications & Ratings

- RoHS Compliant

Application

Dialight's 249 series LED panel mount indicator is available with a variety of LED's including AlInGap and InGan technology for high brightness applications. These indicators are designed for a variety of applications such as:

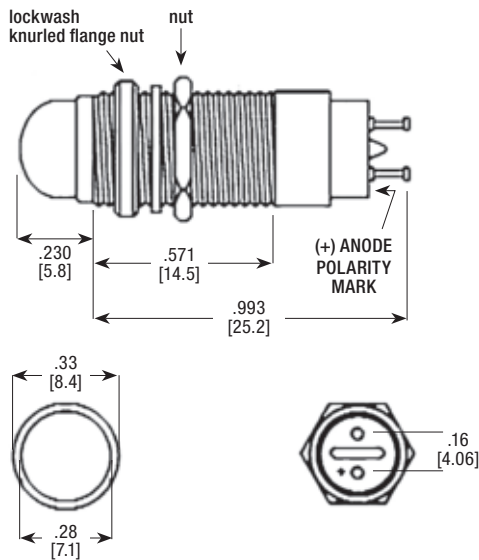
- Main and remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation
- Process control

... and many more!

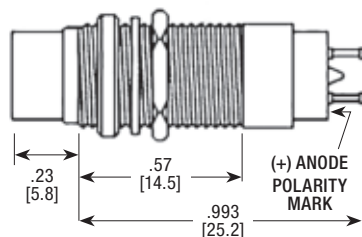
Dimensions

inches [mm]

Stovepipe Lens



Cylindrical Lens



*Cylindrical lens will provide wider viewing angle

Mechanical information

Mounting Hole Size: 0.375" (9.53 mm)

Max Panel Thickness: 0.312" (7.92 mm)

Mounting Torque: 8 – 10 in-lbs torque

Specifications

Voltage Options: 3.6, 5, 10, 14, and 28 VDC
(no resistor required)

Operating Temp: -55 °C to +71 °C (-67 °F to +159.8 °F)

Storage Temp: -55 °C to +71 °C (-67 °F to +159.8 °F)

Electrical Connection: Turret terminals for wire wrapping

Housing: Aluminum — Black Anodized

Terminals: Phosphor Bronze — Fused Tin

Knurled Flange Nut: Aluminum — Black Anodized

Lock Washer: Phosphor Bronze — White Nickel Plated

Nut: Brass — White Nickel Plated



Ordering Information

249 Series

Stovepipe Lens

Dialight P/N	Color	Voltage (VDC)*	Current (mA)	Typical Intensity (mcd)
249-4162-3734-504F	Blue	3.5**	10	1500
249-7867-3731-504F	Red	3.6	20	170
249-7967-3732-504F	Green			100
249-8067-3733-504F	Yellow			150
249-4164-3734-504F	Blue			1500
249-7868-3731-504F	Red	5	20	170
249-7968-3732-504F	Green			100
249-8068-3733-504F	Yellow			150
249-4166-3734-504F	Blue			1500
249-7870-3731-504F	Red	10	20	170
249-7970-3732-504F	Green			100
249-8070-3733-504F	Yellow			150
249-4167-3734-504F	Blue			1500
249-7871-3731-504F	Red	14	20	170
249-7971-3732-504F	Green			100
249-8071-3733-504F	Yellow			150
249-4168-3734-504F	Blue			1500
249-7872-3731-504F	Red	28	20	170
249-7972-3732-504F	Green			100
249-8072-3733-504F	Yellow			150

Cylindrical Lens

Dialight P/N	Color	Voltage (VDC)*	Current (mA)	Typical Intensity (mcd)
249-4162-3334-504F	Blue	3.5**	10	700
249-7867-3331-504F	Red	3.6	20	55
249-7967-3332-504F	Green			40
249-8067-3333-504F	Yellow			75
249-4164-3334-504F	Blue			700
249-7868-3331-504F	Red	5	20	55
249-7968-3332-504F	Green			40
249-8068-3333-504F	Yellow			75
249-4166-3334-504F	Blue			700
249-7870-3331-504F	Red	10	20	55
249-7970-3332-504F	Green			40
249-8070-3333-504F	Yellow			75
249-4167-3334-504F	Blue			700
249-7871-3331-504F	Red	14	20	55
249-7971-3332-504F	Green			40
249-8071-3333-504F	Yellow			75
249-4168-3334-504F	Blue			700
249-7872-3331-504F	Red	28	20	55
249-7972-3332-504F	Green			40
249-8072-3333-504F	Yellow			75

*Dialight recommends tolerance of 5% of specified voltage range.

**VF typical — Requires current limiting resistor



Certifications & Ratings

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

Application

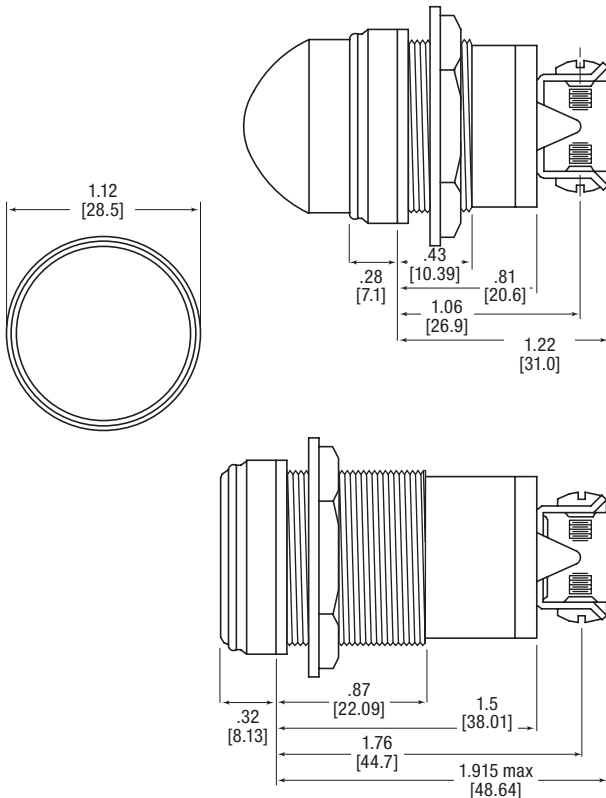
The 556 Series LED Panel Mount Indicators incorporate both InGaN and AlInGaP technologies to offer maximum light output. This is a highly durable package, designed to withstand outdoor applications susceptible to rain, dust and sunlight:

- Instrument panels
- Safety applications
- Transportation: rail, bus, airline
- Vending, gaming
- Lane control
- Display lighting

... 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 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:** 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 — Standard, Flat Lens

Flat Lens

White Nickel	Black Nickel	Color	Voltage	Typ Current (mA)	Typical Intensity (mcd)
556-1003-304F	556-1003-204F	○ White	12 vdc	60	61,000
556-1503-304F	556-1503-204F	● Red		95	22,000
556-1603-304F	556-1603-204F	● Green		60	41,500
556-1683-304F	556-1683-204F	● Cyan		60	37,000
556-1703-304F	556-1703-204F	● Yellow		95	13,500
556-1803-304F	556-1803-204F	● Blue		60	13,000
556-1903-304F	556-1903-204F	● Orange		95	11,500
556-1004-304F	556-1004-204F	○ White	24 vdc	32	61,000
556-1504-304F	556-1504-204F	● Red		46	22,000
556-1604-304F	556-1604-204F	● Green		32	41,500
556-1684-304F	556-1684-204F	● Cyan		32	37,000
556-1704-304F	556-1704-204F	● Yellow		46	13,500
556-1804-304F	556-1804-204F	● Blue		32	13,000
556-1904-304F	556-1904-204F	● Orange		46	11,500
556-1508-304F	556-1508-204F	● Red	37.5 vdc	20	14,000
556-1608-304F	556-1608-204F	● Green		16	54,000
556-1708-304F	556-1708-204F	● Yellow		20	12,750
556-1506-304F	556-1506-204F	● Red	72 vdc	18.5	15,000
556-1606-304F	556-1606-204F	● Green		16	45,500
556-1706-304F	556-1706-204F	● Yellow		20	9,000
556-1806-304F	556-1806-204F	● Blue		18.5	15,000
556-1007-304F	—	○ White	125 vdc	10.5	36,000
556-1507-304F	—	● Red		10	8,000
556-1607-304F	—	● Green			27,000
556-1707-304F	—	● Yellow			5,750
556-1005-304F	—	○ White	125 vac	11	35,000
556-1505-304F	—	● Red		10.5	8,000
556-1605-304F	—	● Green		9.5	29,000
556-1685-304F	—	● Cyan		9.5	24,750
556-1705-304F	—	● Yellow		10.5	5,750
556-1805-304F	—	● Blue		9.5	7,750
556-1905-304F	—	● Orange		10.5	6,000
556-1009-304F	—	○ White	230 vac	6	35,000
556-1509-304F	—	● Red		7	8,000
556-1609-304F	—	● Green			29,000
556-1709-304F	—	● Yellow			5,750
556-1809-304F	—	● Blue			7,750
556-1909-304F	—	● Orange			6,000

Part Number Guide 556 Series

RoHS Compliant

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

Ordering Information

556 Series — Standard, Domed Lens

Domed Lens

White Nickel	Black Nickel	Color	Voltage	Typ Current (mA)	Typical Intensity (mcd)
556-3003-304F	556-3003-204F	○ White	12 vdc	60	17,000
556-3503-304F	556-3503-204F	● Red		95	14,000
556-3603-304F	556-3603-204F	● Green		60	14,000
556-3683-304F	556-3683-204F	● Cyan		60	11,500
556-3703-304F	556-3703-204F	● Yellow		95	4,000
556-3803-304F	556-3803-204F	● Blue		60	12,000
556-3903-304F	556-3903-204F	● Orange		95	3,500
556-3004-304F	556-3004-204F	○ White	24 vdc	32	17,000
556-3504-304F	556-3504-204F	● Red		46	14,000
556-3604-304F	556-3604-204F	● Green		32	14,000
556-3684-304F	556-3684-204F	● Cyan		32	11,500
556-3704-304F	556-3704-204F	● Yellow		46	4,000
556-3804-304F	556-3804-204F	● Blue		32	12,000
556-3904-304F	556-3904-204F	● Orange		46	3,500
556-3508-304F	556-3508-204F	● Red	37.5 vdc	20	4,750
556-3608-304F	556-3608-204F	● Green		16	15,750
556-3708-304F	556-3708-204F	● Yellow		20	3,250
556-3506-304F	556-3506-204F	● Red	72 vdc	18.5	4,200
556-3606-304F	556-3606-204F	● Green		16	14,250
556-3706-304F	556-3706-204F	● Yellow		20	2,600
556-3806-304F	556-3806-204F	● Blue		18.5	4,500
556-3007-304F	—	○ White	125 vdc	10.5	10,250
556-3507-304F	—	● Red		10	2,500
556-3607-304F	—	● Green			8,250
556-3707-304F	—	● Yellow			1,500
556-3005-304F	—	○ White	125 vac	11	10,250
556-3505-304F	—	● Red		10.5	2,500
556-3605-304F	—	● Green		9.5	9,500
556-3685-304F	—	● Cyan		9.5	6,500
556-3705-304F	—	● Yellow		10.5	1,750
556-3805-304F	—	● Blue		9.5	3,000
556-3905-304F	—	● Orange		10.5	1,750
556-3009-304F	—	○ White	230 vac	6	10,250
556-3509-304F	—	● Red		7	2,500
556-3609-304F	—	● Green			9,500
556-3709-304F	—	● Yellow			1,750
556-3809-304F	—	● Blue			3,000
556-3909-304F	—	● Orange			1,750

Standard Panel Mount Indicators Constant Intensity, 18–48 VDC



Certifications & Ratings

- IP66
- NEMA 4X
- RoHS Compliant w/6C exemption
- IK07

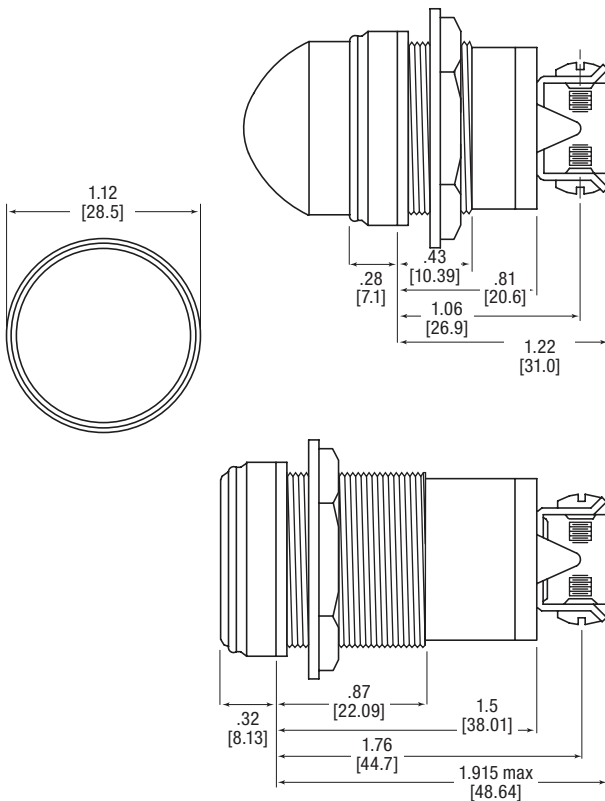
Application

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:

- Instrument panels
- Safety applications
- Transportation: rail, bus, airline
- Vending, gaming
- Lane control
- Display lighting
- ... 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:	18–48 VDC (internal resistor included)
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 — Standard Constant Intensity

Part Number Guide 556 Series

RoHS Compliant

556-X-X-X-A-X-04F

Lens Style

Flat1

Domed3

Color

Red50

Green60

Yellow70

Voltage

A18–48 VDC

Plating

2Black

3White

Flat Lens		Domed Lens		Color	Voltage (vdc)	Typ Current (mA)	Typical Intensity (mcd)
White Nickel Plating	Black Nickel Plating	White Nickel Plating	Black Nickel Plating				
556-150A-304F	556-150A-204F	556-350A-304F	556-350A-204F	Red	18–48	7.3–8.2	1470–1500
556-160A-304F	556-160A-204F	556-360A-304F	556-360A-204F	Green		6.5–7.4	200–230
556-170A-304F	556-170A-204F	556-370A-304F	556-370A-204F	Yellow		8.0–8.9	630–660



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!

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

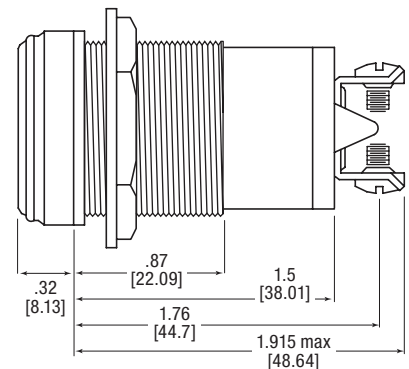
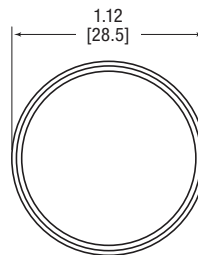
Lens Material: Clear UV Stabilized Polycarbonate (UL 94V-0)

Lock Washer: Phosphor Bronze — White or Black Nickel Plated

Nut: Brass—White or Black Nickel Plated

Dimensions

inches [mm]



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 only		

White Nickel	Black Nickel	Color	Voltage	Typ Current (mA)	Typical Intensity (mcd)
556-1503-314F	556-1503-214F	Red	12 V DC	95	27,250
556-1603-314F	556-1603-214F	Green		60	71,500
556-1683-314F	556-1683-214F	Cyan		60	48,250
556-1703-314F	556-1703-214F	Yellow		95	17,500
556-1803-314F	556-1803-214F	Blue		60	24,000
556-1903-314F	556-1903-214F	Orange		95	22,250
556-1504-314F	556-1504-214F	Red	24 V DC	46	27,250
556-1604-314F	556-1604-214F	Green		32	71,500
556-1684-314F	556-1684-214F	Cyan		32	48,250
556-1704-314F	556-1704-214F	Yellow		46	17,500
556-1804-314F	556-1804-214F	Blue		32	24,000
556-1904-314F	556-1904-214F	Orange		46	22,250
556-1508-314F	556-1508-214F	Red	37.5 V DC	20	26,750
556-1608-314F	556-1608-214F	Green		16	80,000
556-1708-314F	556-1708-214F	Yellow		20	18,000
556-1506-314F	556-1506-214F	Red	72 VDC	18.5	20,500
556-1606-314F	556-1606-214F	Green		16	65,500
556-1706-314F	556-1706-214F	Yellow		20	15,000
556-1507-314F	—	Red	125 VDC	10	14,000
556-1607-314F	—	Green			44,750
556-1707-314F	—	Yellow			8,250
556-1505-314F	—	Red	125 VAC	10.5	13,500
556-1605-314F	—	Green		9.5	43,750
556-1685-314F	—	Cyan		9.5	32,000
556-1705-314F	—	Yellow		10.5	9,000
556-1805-314F	—	Blue		9.5	16,000
556-1905-314F	—	Orange		10.5	11,000
556-1509-314F	—	Red	230 VAC	7	13,500
556-1609-314F	—	Green			43,750
556-1709-314F	—	Yellow			9,000
556-1809-314F	—	Blue			16,000
556-1909-314F	—	Orange			11,000



556 Series

Daylight Viewable Panel Mount Indicators

Constant Intensity, 18–48 VDC



Certifications & Ratings

- 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!

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: 18–48 VDC
(internal resistor included)

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

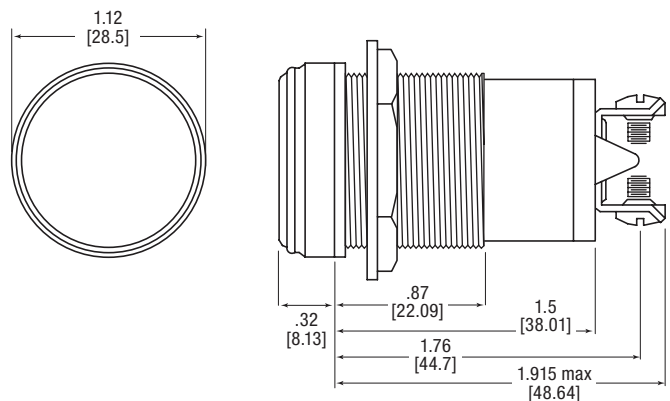
Lens Material: Clear UV Stabilized Polycarbonate
(UL 94V-0)

Lock Washer: Phosphor Bronze — White or Black
Nickel Plated

Nut: Brass—White or Black Nickel Plated

Dimensions

inches [mm]



Ordering Information

556 Series — Daylight Viewable Constant Intensity

Part Number Guide 556 Series

RoHS Compliant

5 5 6 - 1 X X A - X 1 4 F

Color

Red 5 0

Green 6 0

Yellow 7 0

Voltage

A 18–48 vdc

Plating

2 Black

3 White

White Nickel	Black Nickel	Color	Voltage (vdc)	Typ Current (mA)	Typical Intensity (mcd)
556-150A-314F	556-150A-214F	Red	18–48	7.3–8.2	1470–1500
556-160A-314F	556-160A-214F	Green		6.5–7.4	200–230
556-170A-314F	556-170A-214F	Yellow		8.0–8.9	630–660



Certifications & Ratings

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

Application

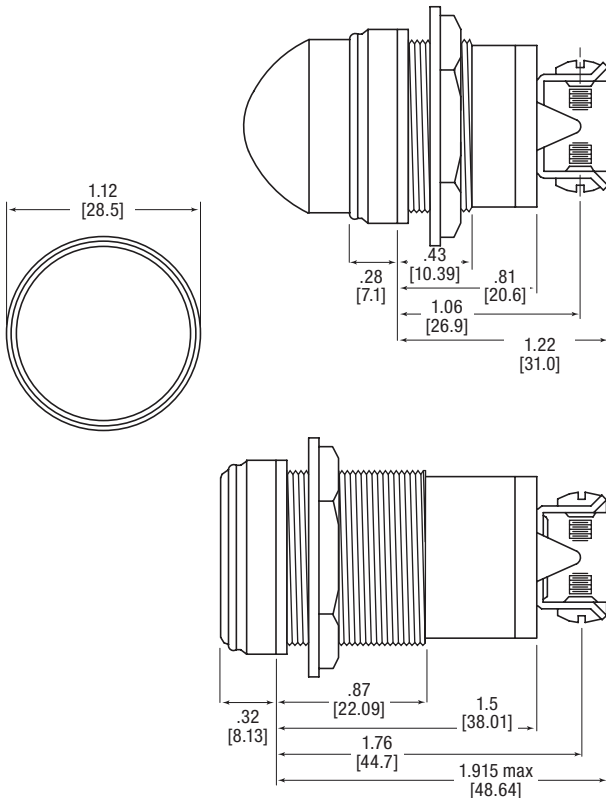
The 556 Series LED Panel Mount Indicators incorporate both InGaN and AlInGaP technologies to offer maximum light output. This is a highly durable package, designed to withstand outdoor applications susceptible to rain, dust and sunlight. In addition, the Class I, Division 2 rating allows for use in hazardous 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 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					
Flat	1	Color					3	12vdc				
Domed	3						4	24vdc				
		 White	0	0			8	37.5vdc				
		 Red	5	0			6	72vdc	2	Black		
		 Green	6	0			7	125vdc*	3	White		
		 Cyan	6	8			5	125vac*				
		 Yellow	7	0			9	230vdc*				
		 Blue	8	0								
		 Orange	9	0								
							*white nickel only					

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



Certifications & Ratings

- IP66
- NEMA 4X
- RoHS Compliant w/6C exemption

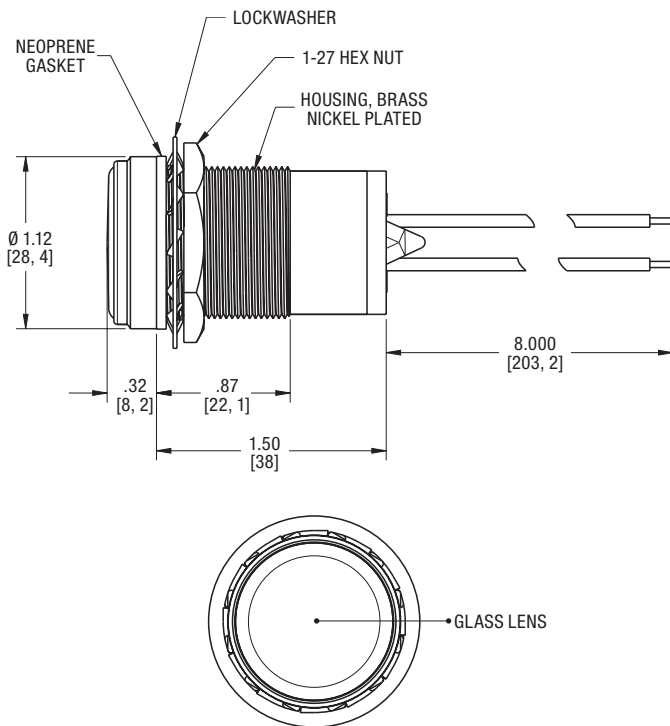
Application

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
- Transportation: rail, bus, airline
- Vending, gaming
- Lane control
- Display lighting
- ... 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)
Mounting Torque: 40 in-lbs

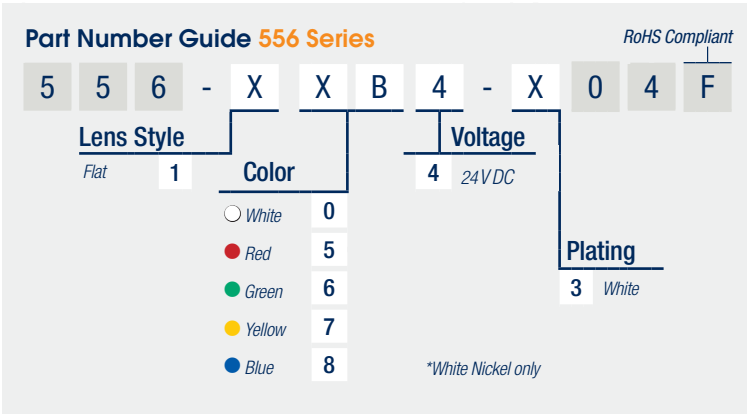
Specifications

Voltage Options: 24 VDC
Operating Temp: -40 °C to +100 °C (-22 °F to +185 °F)
Storage Temp: -40 °C to +100 °C (-40 °F to +212 °F)
Electrical Connection: 8"-18" AWG wire
Housing: Brass—White
Lens Material: Glass
Lock Washer: Phosphor Bronze — White
Nut: Brass—White



Ordering Information

556 Series — Standard



Flat Lens

White Nickel	Color	Voltage	Typ Current (mA)	Typical Intensity (mcd)
556-10B4-304F	White	24 VDC	32	61,000
556-15B4-304F	Red		46	22,000
556-16B4-304F	Green		32	41,500
556-17B4-304F	Yellow		46	13,500
556-18B4-304F	Blue		32	13,000



Certifications & Ratings

- RoHS Compliant
- Watertight to Mil-L-3661B spec

Application

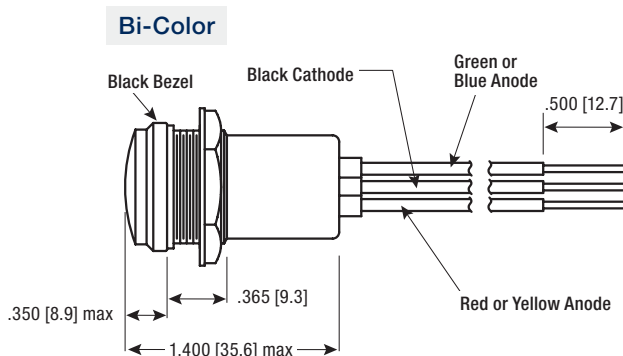
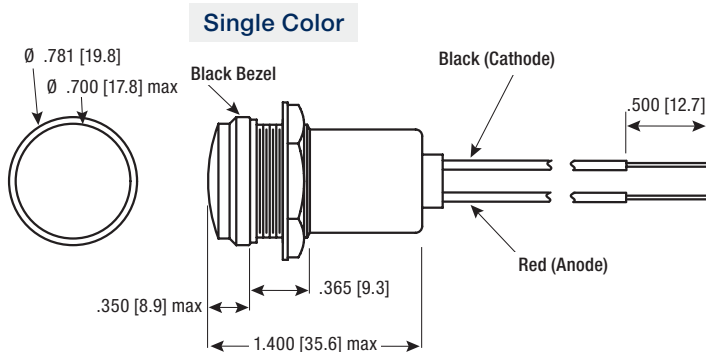
The 557 Series LED Panel Mount Indicators incorporate both InGaN and AlInGaP technologies to offer higher intensities. This is a highly durable package, designed to withstand outdoor applications susceptible to rain, dust, and sunlight.

- Instrument panels
- Safety applications
- Transportation—rail, bus, airline
- Vending, gaming
- Lane control

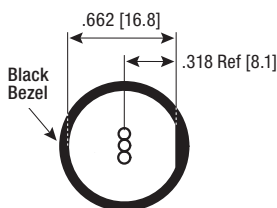
... and many more!

Dimensions

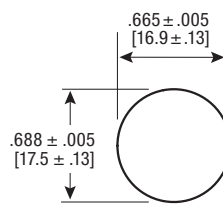
inches [mm]



Back View of Housing



Recommended Mounting Hole



Mechanical information

Mounting Hole Size: 0.687" (17.46 mm)

Max Panel Thickness: 0.156" (3.96 mm)

Mounting Torque: 15 in-lbs torque

Specifications

Voltage Options: 5, 12, 24, and 28 VDC (bi-color: 5 VDC)

Operating Temp: -25 °C to +85 °C
(bi-color: -30 °C to +80 °C)

Storage Temp: -30 °C to +100 °C
(bi-color: -40 °C to +85 °C)

Electrical Connection: 24 AWG Wire Leads

Housing: White Polycarbonate

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

Wire Leads: 5.5"

Lock Washer: Phosphor Bronze—White Nickel Plated

Nut: Brass—White Nickel Plated



Ordering Information 557 Series

Part Number Guide										RoHS Compliant	
5	5	7	-	1	X	X	X	-	2	0	3 F
Color				Voltage							
○ White	0	0									
● Red	5	0									
● Green	6	0		2	5 VDC						
● Yellow	7	0		3	12 VDC*						
● Blue	8	0		4	28 VDC*						
● Red / Green	4	1		5	24 VDC*						
● Red / Blue	4	2									
● Yellow / Green	4	3									
● Yellow / Blue	4	4									
● Yellow / Red	4	5									

*single color only

Feedback Circuit Part Number Guide										RoHS Compliant	
5	5	7	-	1	X	X	X	-	2	0	3 F
Color				Voltage							
● Green	6	9		3	12 VDC						

Feedback Circuit shows the status of the LED

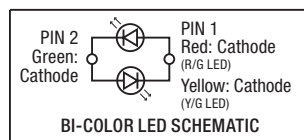
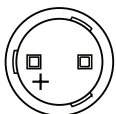
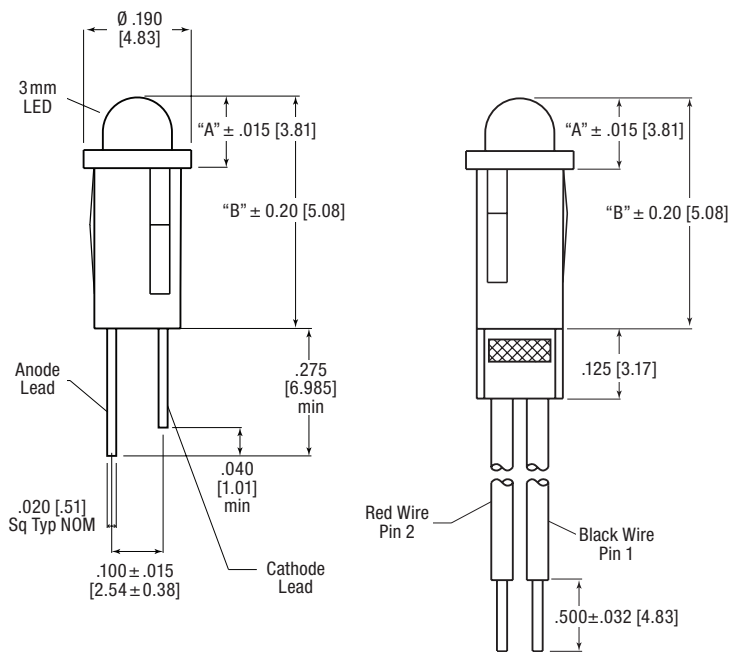
LED Status	Signal Voltage
Normal	0-1
Open	10-12
Short	10-12

Part Number	Color	Voltage (V DC)	Current (mA)	Typical Intensity (mcd)
557-1002-203F	○ White	5	16	5350
557-1502-203F	● Red		80	800
557-1602-203F	● Green		16	4900
557-1702-203F	● Yellow		80	1550
557-1802-203F	● Blue		16	1200
557-1412-203F	● Red / Green		70 / 16	720 / 1800
557-1422-203F	● Red / Blue		70 / 16	625 / 425
557-1432-203F	● Yellow / Green		70 / 16	585 / 1700
557-1442-203F	● Yellow / Blue		70 / 16	635 / 445
557-1452-203F	● Yellow / Red		70 / 20	650 / 350
557-1003-203F	○ White	12	16	5350
557-1503-203F	● Red		20	800
557-1603-203F	● Green		16	4900
557-1693-203F	● Green		16	4900
557-1703-203F	● Yellow		20	1550
557-1803-203F	● Blue		16	1200
557-1005-203F	○ White	24	16	5350
557-1505-203F	● Red		20	800
557-1605-203F	● Green		16	4900
557-1705-203F	● Yellow		20	1550
557-1805-203F	● Blue		16	1200
557-1604-203F	● Green	28	16	4900
557-1704-203F	● Yellow		20	1550
557-1804-203F	● Blue		16	1200



Dimensions

inches [mm]



Certifications & Ratings

- RoHS Compliant

Application

Dialight's 558 series LED panel mount indicator is available with a variety of LEDs including AlInGaP and InGaN technology for high brightness applications, bi-color and integral resistors. These indicators are designed for a variety of applications such as:

- Fan tray assemblies
- Data center infrastructure (servers and storage)
- Networking equipment (switches and routers)
- Storage networking hardware (fiber channel host bus adapter cards)
- Next-Gen wireless infrastructure
- Electronic test & measurement instruments
- Communications testing equipment

... and many more!

Mechanical information

Mounting Hole Size: 0.155–0.158" (3.94–4.01 mm)

Max Panel Thickness: 0.031–0.062" (.787–1.57 mm)

Mounting Torque: N / A

Specifications

Voltage Options: 1.8–3.3VDC typical, 5VDC typical (resistor included)

Operating Temp: See table

Storage Temp: -55°C to +100°C (-67°F to +212°F)

Electrical Connection: Straight terminals for wire wrapping or 26 AWG lead wire

Housing: Valox UL94V-0 and enhances LED contrast

Connectors: Available upon request

Possible Connectors: Samtec IPD1-05-S-K

Terminals: Available upon request

Possible Terminals: Samtec CC79L-2630-01-S; AMP 1-104480-3



Ordering Information

558 Series

Part Number Guide

RoHS Compliant

5	5	8	-	X	X	X	X	-	0	X	X	F	
										Wire Code			
										LED Code (see below)	Standard		0
											PVC Free		2
											Termination Code		
										Straight Terminals		1	
										26 AWG 6" wire leads		3	
										26 AWG 14" wire leads		7	

LED Code	Color	Peak Wavelength (nm)	Intensity Typ. (mcd)	If Typ. (mA)	Vf Typ. (VDC)	Viewing Angle	Max DC Forward Current (mA)	Type	Operating Temp	DIM "A"	DIM "B"
0102	Red	635	29	12	5	60	15	5 V Integral Resistor	-40 °C to +85 °C	0.101	0.381
0202	Green	565	19	12	5	60	15				
0302	Yellow	585	12.6	12	5	60	15				
3001	Red / Green	630 / 565	5.6 / 8.7 @10 mA	10 / 20	1.9 / 2.0 @20 mA	200	30 / 30	Bi-Color	-55 °C to +100 °C	0.101	0.381
3101	Red / Green	660 / 565	12.6 / 3.7	20	1.6 / 2.1	200	40 / 30				
3201	Yellow / Green	585 / 565	5.8 / 12.3	10	2.1 / 2.1	80	20 / 30				
0101	Red	635	8.7	10	2	60	30	High Efficiency Diffused	-25 °C to +85 °C	0.111	0.391
0201	Green	565	12.6	10	2.1	60	30				
0301	Yellow	585	8.7	10	2.1	60	20		-55 °C to +85 °C	0.101	0.381
0401	Orange	600	7	10	1.9	60	25				
1801	Red	660	60	20	1.8	60	40	Low Current Diffused	-55 °C to +100 °C	0.107	0.387
0803	Blue	468	57	10	3.2	100	30		-40 °C to +100 °C		
1101	Red	635	2.4	2	1.7	60	7		-55 °C to +100 °C		
1201	Yellow	585	1.4	2	1.8	60	7	Non-Tinted / Non-Diffused	-40 °C to +100 °C	0.101	0.381
1301	Green	565	1.6	2	1.9	60	7		-40 °C to +100 °C		
0501	Green	565	70	20	2.1	45	30		-40 °C to +85 °C		
0601	Yellow	592	200	20	1.9	45	50		-40 °C to +85 °C		
0701	Red	660	170	20	1.8	45	40				
6003	Blue	468	520	20	3.3	45	30				
6403	White	Y=.31 Y=.32	3000	20	3.3	45	30				
1501	Green	565	40	10	2.1	45	30	Tinted / Non-Diffused	-55 °C to +100 °C	0.101	0.381
1601	Yellow	585	70	20	2.1	45	20		-40 °C to +100 °C		
1701	Red	660	170	20	1.8	45	40		White Diffused		
6203	Green	518	85	2	2.1	100	30	White Diffused	-45 °C to +85 °C		



Certifications & Ratings

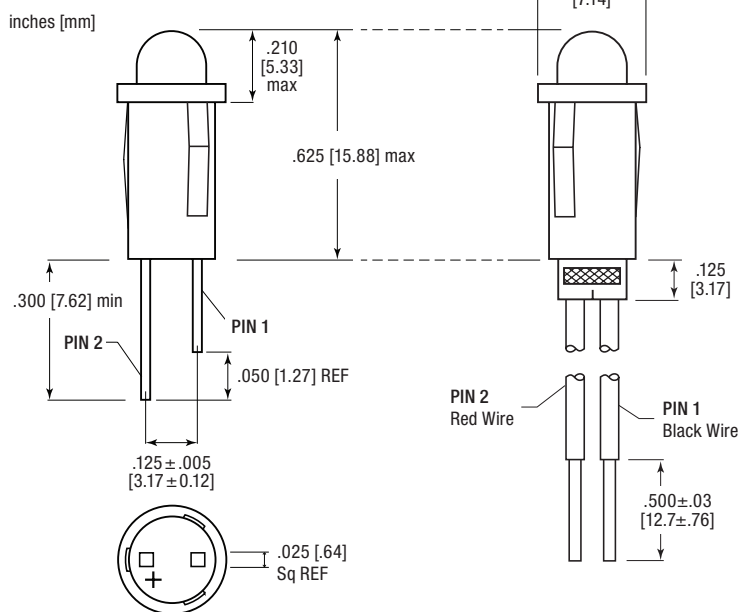
- RoHS compliant

Application

Dialight's 559 series LED panel mount indicator is available with a variety of LEDs including AlInGaP and InGaN technology for high brightness applications, bicolor and integral resistors.

- Fan tray assemblies
- Data-center Infrastructure (Servers and Storage)
- Next-Gen Wireless Infrastructure
- Electronic Test & Measurement Instruments
- Communications Testing Equipment
- Hand held Devices
- ... and many more!

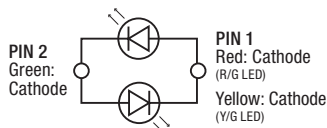
Dimensions



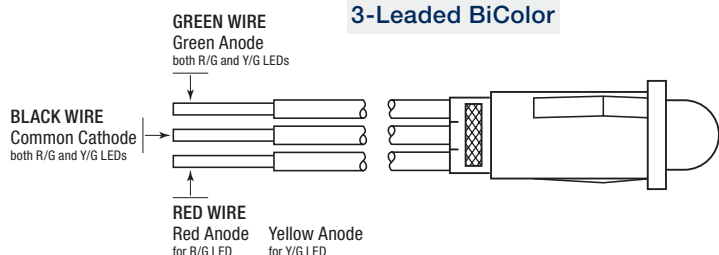
SINGLE COLOR LED SCHEMATIC



BICOLOR LED SCHEMATIC



3-Leaded BiColor



Mechanical Information

Mounting Hole Size: 0.249–0.252" (6.32–6.40 mm)

Max Panel Thickness: 0.031–0.062" (.787–1.57 mm)

Mounting Torque: N/A

Specifications

Voltage Options: 1.6–2.3 V DC typical (resistor required)
5, 12, 24V DC (no resistor required)

Operating Temp: See table

Storage Temp: -55 °C to +100 °C (-67 °F to +212 °F)

Electrical Connection: Straight terminals for wire wrapping or 24 AWG lead wire

Housing: Black — UL94V-0 and enhances LED contrast

Wire Leads: 6" or 14"

Connectors: Available upon request

Possible Connectors: Molex 50-57-9402
AMP 3-643814-3

Terminals: Available upon request

Possible Terminals: Molex 16-02-0069, 16-02-077,
AMP 42067-1



Ordering Information 559 Series

Part Number Guide

5	5	9	-	X	X	X	X	-	0	X	X	F
LED Code (see below)							Wire Code		Termination Code			
							Standard	0	Straight Terminals		1	
							PVC Free	2	24 AWG 6" wire leads		3	
									24 AWG 14" wire leads		7	

LED Code	Color	Peak Wavelength (nm)	Intensity Typ. (mcd)	If Typ. (mA)	Vf Typ. (V DC)	Viewing Angle	Max DC Forward Current (mA)	Type	Operating Temp
5501	Red	635	125	20	2.2	24	30	Non-Tinted / Non-Diffused	-55 °C to +100 °C
5601	Green	565	120		2.3	24	30		-20 °C to +100 °C
5701	Yellow	583	140		2.1	24	20		-55 °C to +100 °C
5801	Orange	605	90		2.2	20	50		-30 °C to +85 °C
5901	Yellow	592	3100		2	15	50		-40 °C to +100 °C
6001	Blue	470	1500		3.6	30	30		-30 °C to +85 °C
6101	Red	635	2100		1.9	15	50		-40 °C to +100 °C
6201	Green	525	5000		3.2	30	30		-30 °C to +85 °C
6301	Orange	609	4000		1.9	15	50		-40 °C to +100 °C
6401	White	X = .31 Y = .32	2500		3.2	50	30		-30 °C to +85 °C
1101	Red	635	2.3	2	1.7	50	7	Low Current Diffused	-55 °C to +100 °C
1201	Yellow	583	1.8		1.9	50	7		
1301	Green	565	1.8		1.8	50	7		
2101	Red	650	6.3	10	2.2	50	20	Diffused	-25 °C to +85 °C
2201	Green	563	10		2.1	65	25		-55 °C to +100 °C
2301	Yellow	585	29		1.9	50	20		
2501	Orange	600	7		1.9	60	30		-40 °C to -100 °C
5101	Red	635	40	10	2	50	25		-55 °C to +100 °C
5201	Green	565	19		2.1	50	30		-40 °C to -100 °C
5301	Yellow	585	29		2.1	50	20		-55 °C to +100 °C
5401	Amber	610	50	20	2.1	50	20		-40 °C to -100 °C
0102	Red	635	8	10	5	60	15	5V Integral Resistor	-40 °C to +85 °C
0202	Green	565	8	12	5	60	15		-20 °C to +85 °C
0302	Yellow	583	8	10	5	60	15		-40 °C to +85 °C
0103	Red	635	8	13	12	60	15	12V Integral Resistor	-55 °C to +100 °C
0203	Green	565	8		12	60	15		-20 °C to +85 °C
0303	Yellow	583	8		12	60	15		-40 °C to +85 °C
5904	Yellow	592	3100	20	24	15	50	24V Integral Resistor	-30 °C to +85 °C
6104	Red	635	2100		24	15	50		
6204	Green	525	5000		24	30	50		
3001	Red / Green	660 / 565	90 / 40	10	1.8 / 2.1	60	40 / 30	2 leaded Bi-color	-55 °C to +100 °C
3201	Yellow / Green	589 / 571	30 / 50		2.1 / 2.1	50	20		-30 °C to +85 °C
3501	Red / Green	635 / 565	5.0 / 8.0		2.1 / 2.3	65	30	3 leaded Bi-color	-20 °C to +85 °C
3601	Yellow / Green	590 / 568	9 / 13.5		2 / 2.1	65	30		

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 at: www.dialight.com/resources/warranties/, 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.



Certifications & Ratings

- RoHS compliant

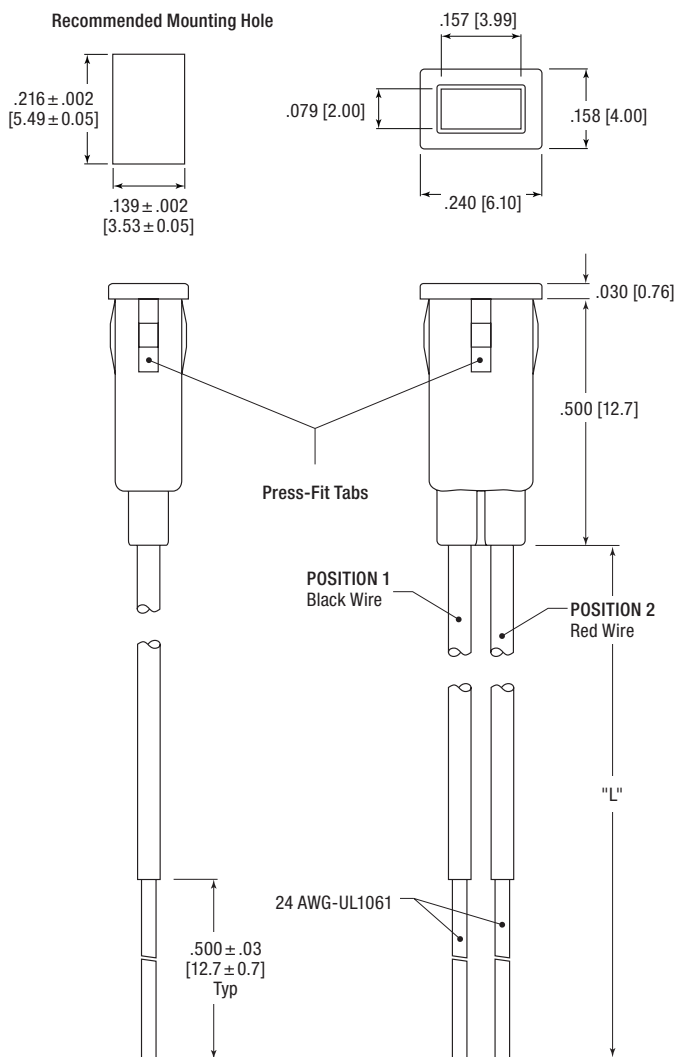
Application

Dialight's 559 series LED panel mount indicator is available with a variety of LEDs including AlInGaP and InGaN technology for high brightness applications, bicolor and integral resistors.

- Fan tray assemblies
- Data-center Infrastructure (Servers and Storage)
- Next-Gen Wireless Infrastructure
- Electronic Test & Measurement Instruments
- Communications Testing Equipment
- Hand held Devices
- ... and many more!

Dimensions

inches [mm]



Mechanical Information

Mounting Hole Size: 0.216 ± .002" x .139 ± .002"
(5.49 ± .05 mm x 3.53 ± .05 mm)

Max Panel Thickness: 0.031 – 0.062" (.787 – 1.57 mm)

Specifications

Voltage Options: 1.6 – 3.2V DC typical
(resistor required)

Operating Temp: See table

Storage Temp: See table

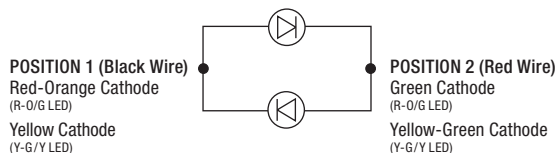
Electrical Connection: 24 AWG 14" lead wire

Housing: Black — UL94V-0 and enhances LED contrast

SINGLE COLOR LED SCHEMATIC



BICOLOR LED SCHEMATIC



Ordering Information 559 Rectangle Series

Part Number Guide										RoHS Compliant		
5	5	9	-	8	X	X	0	-	0	0	7	F
						Color						
						1	0	 Red				
						2	0	 Green				
						3	0	 Yellow				
						4	0	 Blue				
						1	2	 Red-Orange /  Green				
						3	2	 Yellow-Green /  Yellow				
												Termination
												7 24 AWG 14" wire leads

Part Number	Color	Peak Wavelength (nm)	Intensity Typ. (mcd)	If Typ. (mA)	Vf Typ. (V DC)	Viewing Angle	Max DC Forward Current (mA)	Operating Temp	Storage Temp
559-8100-007F	● Red	635	125	20	2.0	104	30	-55 °C to +100 °C	-55 °C to +100 °C
559-8200-007F	● Green	565	120		2.1	104	30	-20 °C to +100 °C	
559-8300-007F	● Yellow	585	140		2.1	104	20	-55 °C to +100 °C	
559-8400-007F	● Blue	468	67		3.2	100	20	-30 °C to +85 °C	
559-8120-007F	● ● Red-Orange / Green	630 / 565	90 / 40		2.1	140	30	-55 °C to +100 °C	
559-8320-007F	● ● Yellow-Green / Yellow	570 / 591	30 / 50		2.1	120	20	-30 °C to +85 °C	



Certifications & Ratings

- RoHS compliant

Application

The 605 Series LED Panel Mount Indicators are designed for a variety of applications such as.

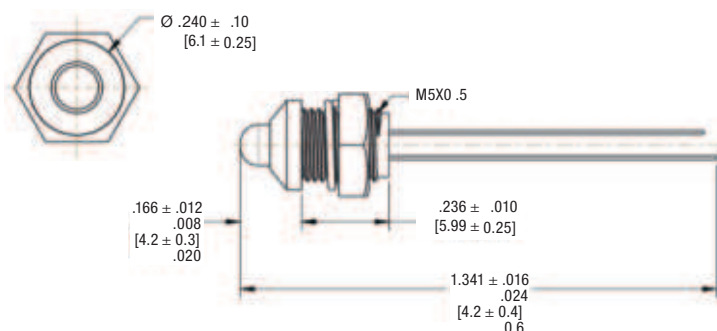
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

... and many more!

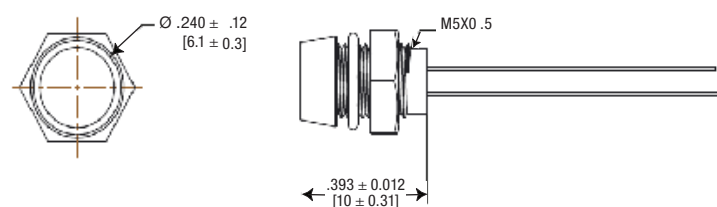
Dimensions

inches [mm]

Protruding



Recessed



Mechanical Information

- Mounting Hole Size:** 0.205" (5.2 mm)
- Max Panel Thickness:** 0.138" (3.5 mm)
- Mounting Torque:** 0.362 lbs/ft (5 kg/cm)

Specifications

- Voltage Options:** 2 VDC (resistor required)
- Operating temp:** -25 °C to +85 °C (-13 °F to +185 °F)
- Storage Temp:** -25 °C to +100 °C (-13 °F to +212 °F)
- Electrical Connection:** Through hole leads
- Housing:** Brass—Chrome plated
- Terminals:** Copper—Nickel Plated
- Lock washer:** Iron—Nickel Plated
- Nut:** Brass—Nickel Plated

Ordering Information 605 Series

Part Number	Color	Voltage (VDC)	Current (mA)	Typical Intensity (mcd)	LED Position	Finish
605-1111-110F	Red	2	15	60	Protruding	Chrome
605-1211-110F	Green			70		
605-1311-110F	Yellow			50		
605-2111-110F	Red			60	Recessed	
605-2211-110F	Green			70		
605-2311-110F	Yellow			50		

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Certifications & Ratings

- RoHS compliant

Application

The 606 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Main power indication
 - Remote power indication
 - Status indication
 - Maintenance and warning indication
 - Instrumentation
- ... and many more!

Dimensions

inches [mm]

Figure 1

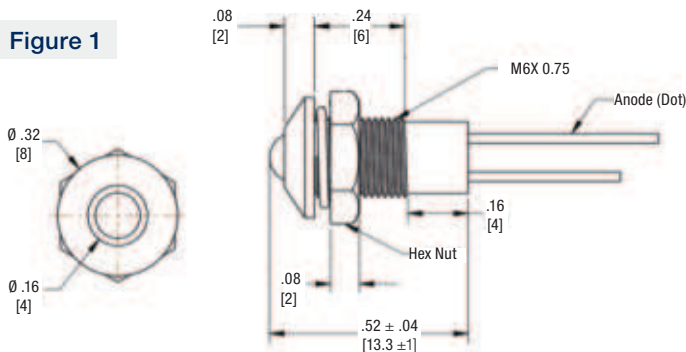


Figure 2

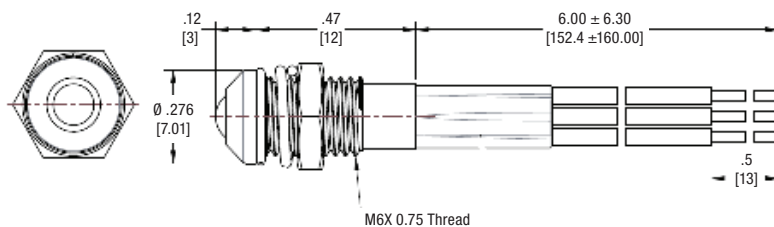


Figure 3

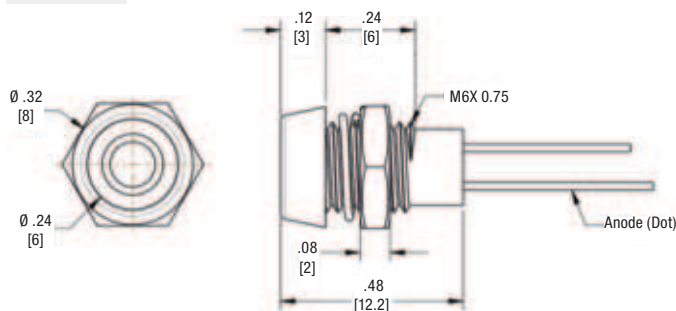
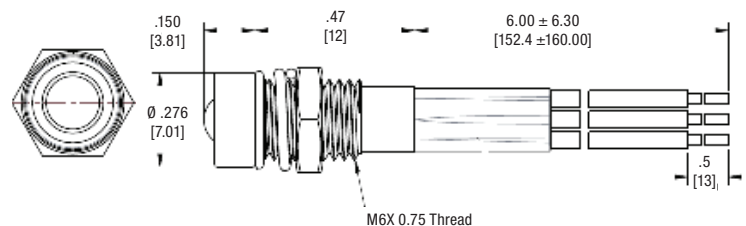


Figure 4



Ordering Information 606 Series

Part Number	Color	Voltage (VDC)	Current (mA)	Typical Intensity* (mcd)	LED Position	Finish	Figure
606-1111-110F	● Red	2	5	45	Protruding	Chrome	1
606-1211-110F	● Green	3	15	70			
606-1311-110F	● Yellow	2		60			
606-1215-110F	● Green	3		70			1 w/ Wire Leads
606-1415-110F	● Red/Green	3	10	40/50			2
606-1415-120F	● Red/Green	6		40/50			
606-1415-130F	● Red/Green	12		40/50			
606-2111-110F	● Red	2	5	45	Recess	Chrome	3
606-2211-110F	● Green	3	15	70			
606-2311-110F	● Yellow	2		60			
606-2415-110F	● Red/Green	3	10	40/50			4
606-2415-120F	● Red/Green	6		40/50			
606-2415-130F	● Red/Green	12		40/50			

*Bi-color intensity (Red/Green)

606 Series

6 mm Expanded Temperature Range Panel Mount Indicators



Certifications & Ratings

- RoHS compliant
- IP67

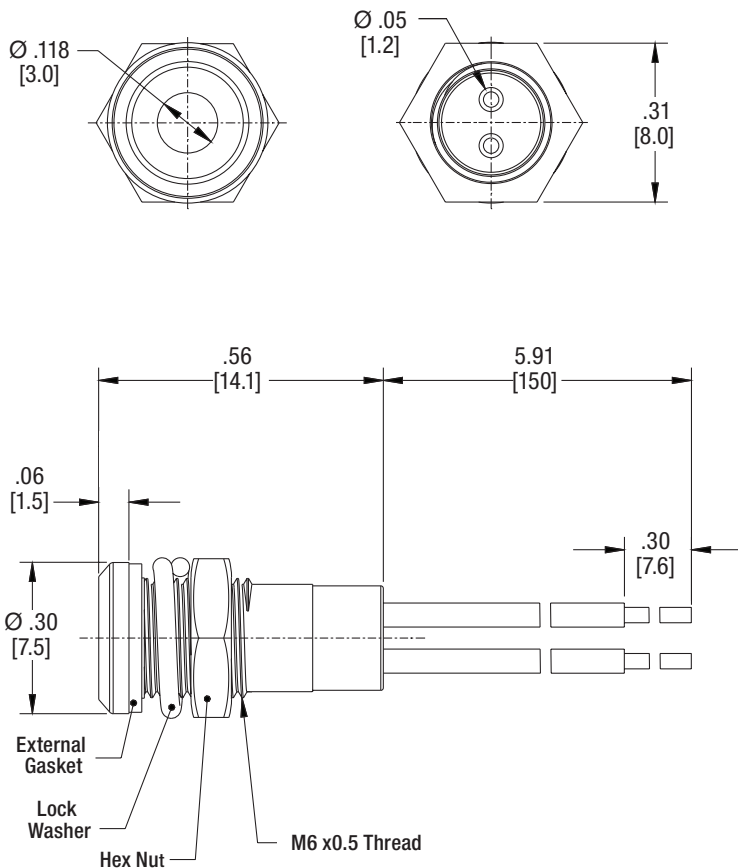
Application

The 606 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation . . . and many more!

Dimensions

inches [mm]



Mechanical Information

Mounting Hole Size: 0.244" (6.2mm)
Max Panel Thickness: 0.138" (3.5mm)
Mounting Torque: 0.362 lbs/ft (5 kg/cm) torque

Specifications

Voltage Options: 3 VDC (resistor required)
 6, 12, 24, and 28 VDC
 (no resistor required)
Operating temp: -40 °C to +85 °C (-40 °F to +185 °F)
Storage Temp: -40 °C to +100 °C (-40 °F to +212 °F)
Electrical Connection: 26 AWG wire leads

Housing: Stainless Steel
Wire Leads: 6" -(26 AWG)
Lock washer: Iron—Nickel Plated
Nut: Brass—Nickel Plated

Ordering Information 606 Series

Part Number	Color	Voltage (VDC)	Current (mA)	Typical Intensity* (mcd)
606-3115-110F	Red	3	15	620
606-3215-110F	Green			2500
606-3315-110F	Yellow			620
606-3415-110F	Blue			620
606-3115-120F	Red	6		620
606-3215-120F	Green			2500
606-3315-120F	Yellow			620
606-3415-120F	Blue			620
606-3115-130F	Red	12		620
606-3215-130F	Green			2500
606-3315-130F	Yellow			620
606-3415-130F	Blue			620
606-3115-140F	Red	24		620
606-3215-140F	Green			2500
606-3315-140F	Yellow			620
606-3415-140F	Blue			620
606-3115-150F	Red	28		620
606-3215-150F	Green			2500
606-3315-150F	Yellow			620
606-3415-150F	Blue			620



Dimensions

inches [mm]

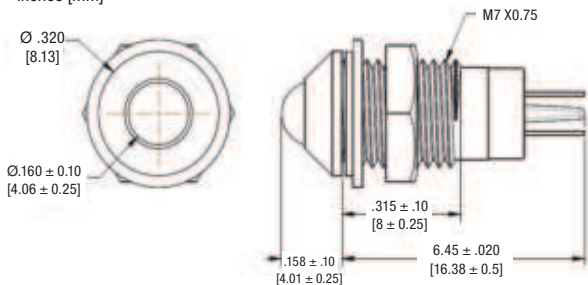


Figure 1

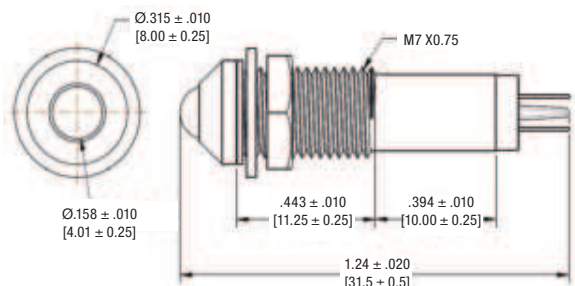


Figure 2

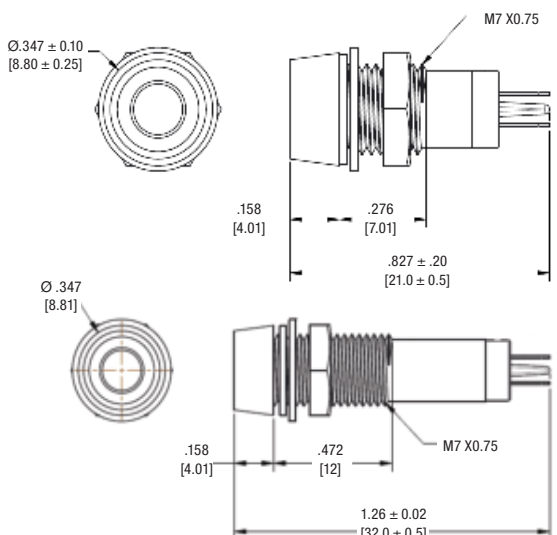


Figure 3

Figure 4

Certifications & Ratings

- RoHS compliant
- NEMA 4X (Watertight only)
- IP66 (Watertight only)

Application

The 607 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

... and many more!

Mechanical Information

Mounting Hole Size:	0.283" (7.2 mm)
Max Panel Thickness:	See part numbers
Mounting Torque:	0.362 lbs/ft (5 kg/cm) 0.217 lbs/ft or 3 kg/cm (Figure 5 only)

Specifications

Voltage Options:	2 VDC (resistor required) 6, 12 & 24 VDC (no resistor required)
Operating Temp:	-30 °C to +85 °C (-22 °F to +185 °F)
Storage Temp:	-40 °C to +85 °C (-40 °F to +185 °F)
Electrical Connection:	Solder terminals
Housing:	Protruding & recessed positions: Brass—Chrome Plated Internal position: Polycarbonate
Terminals:	Copper—Nickel Plated
Lock Washer:	Iron—Nickel Plated
Nut:	Brass—Nickel Plated

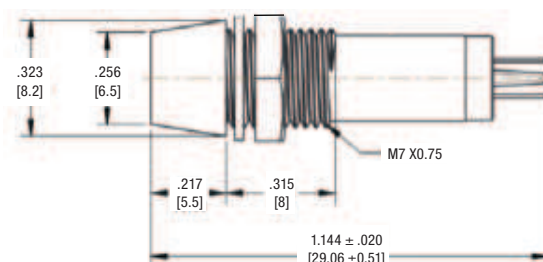


Figure 5

These indicators are un-polarized

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Ordering Information 607 Series

Standard	Watertight													
Part Number	Part Number	Color	Voltage (VDC)	Current (mA)	Intensity Typ. (mcd)	LED Positions	Figure	Panel Thickness						
607-1112-110F	607-1112-310F	Red	2	15	40	Protruding	1	0.187" (4.75 mm)						
607-1212-110F	607-1212-310F	Green			65									
607-1312-110F	607-1312-310F	Yellow			55									
607-1112-120F	607-1112-320F	Red	6		40		Protruding	2	0.265" (6.75 mm)					
607-1212-120F	607-1212-320F	Green			65									
607-1312-120F	607-1312-320F	Yellow			55									
607-1112-130F	607-1112-330F	Red	12		40					Protruding	2	0.265" (6.75 mm)		
607-1212-130F	607-1212-330F	Green			65									
607-1312-130F	607-1312-330F	Yellow			55									
607-2112-110F	607-2112-310F	Red	2		65	Recessed							3	0.136" (3.45 mm)
607-2212-110F	607-2212-310F	Green			85									
607-2312-110F	607-2312-310F	Yellow			70									
607-2112-120F	607-2112-320F	Red	6		65		Recessed	4	0.336" (8.50 mm)					
607-2212-120F	607-2212-320F	Green			85									
607-2312-120F	607-2312-320F	Yellow			70									
607-2112-130F	607-2112-330F	Red	12		65					Recessed	4	0.336" (8.50 mm)		
607-2212-130F	607-2212-330F	Green			85									
607-2312-130F	607-2312-330F	Yellow			70									
607-3132-120F	607-3132-320F	Red	6		35	Internal							5	0.187" (4.75 mm)
607-3232-120F	607-3232-320F	Green			45									
607-3332-120F	607-3332-320F	Yellow			40									
607-3132-130F	607-3132-330F	Red	12		35		Internal	5	0.187" (4.75 mm)					
607-3232-130F	607-3232-330F	Green			45									
607-3332-130F	607-3332-330F	Yellow			40									
607-3132-140F	607-3132-340F	Red	24		35					Internal	5	0.187" (4.75 mm)		
607-3232-140F	607-3232-340F	Green			45									
607-3332-140F	607-3332-340F	Yellow			40									



Certifications & Ratings

- RoHS compliant

Application

The 608 Series LED Panel Mount Indicators are designed for a variety of applications such as.

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation
- ... and many more!

Dimensions

inches [mm]

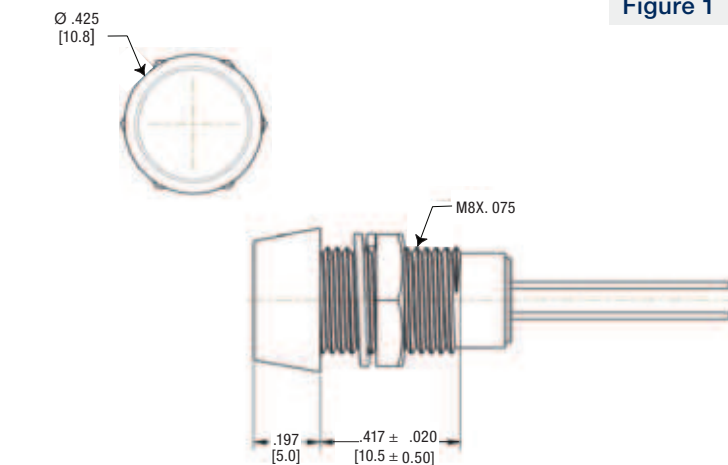


Figure 1

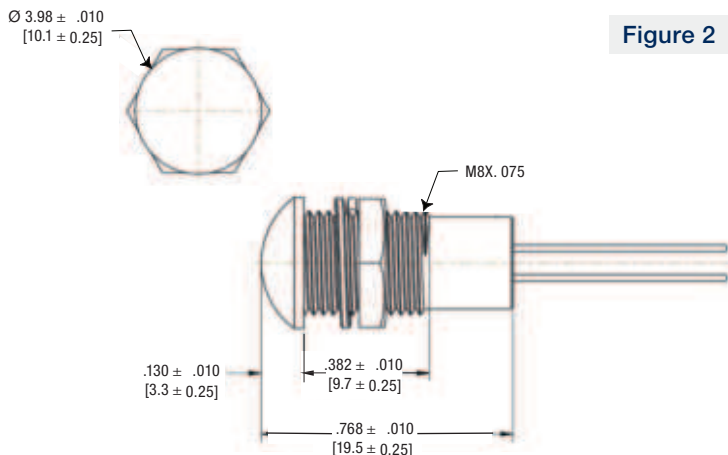


Figure 2

These indicators are un-polarized

Mechanical Information

Mounting Hole Size: 0.323" (8.2 mm) (Fig. 1 & 2),

Max Panel Thickness: See part numbers

Mounting Torque: 0.217 lbs/ft or 3 kg/cm

Specifications

Voltage Options: 2 VDC (resistor required)

Operating Temp: -25 °C to +85 °C (-13 °F to +185 °F)

Storage Temp: -25 °C to +85 °C (-13 °F to +185 °F)

Electrical Connection: Straight terminals (Fig. 1 & 2),

Housing: Polycarbonate

Lock Washer: Iron — Nickel Plated

Nut: Brass — Nickel Plated



Ordering Information 608 Series

Part Number	Color	Voltage (V DC)	Current (mA)	Typical Intensity (mcd)	Lens Shape	Figure	Panel Thickness
-------------	-------	----------------	--------------	-------------------------	------------	--------	-----------------

Lock Washer & Nut

608-1131-110F	Red	2	15	25	Domed	1	0.236" (6 mm)
608-1231-110F	Green			30			
608-1331-110F	Yellow			15			
608-3131-110F	Red			25	Flat	2	
608-3231-110F	Green			30			
608-3331-110F	Yellow			15			



Certifications & Ratings

- RoHS compliant
- NEMA 4X (Watertight only)
- IP66 (Watertight only)

Application

The 609 Series LED Panel Mount Indicators are designed for a variety of applications such as:

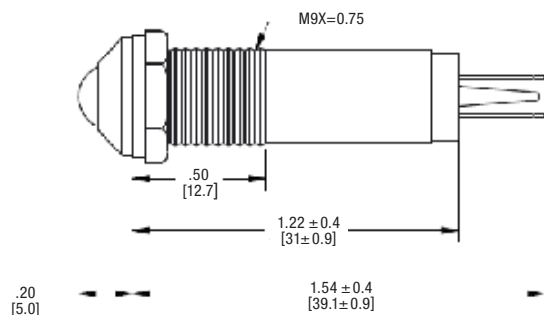
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

... and many more!

Dimensions

inches [mm]

Protruding



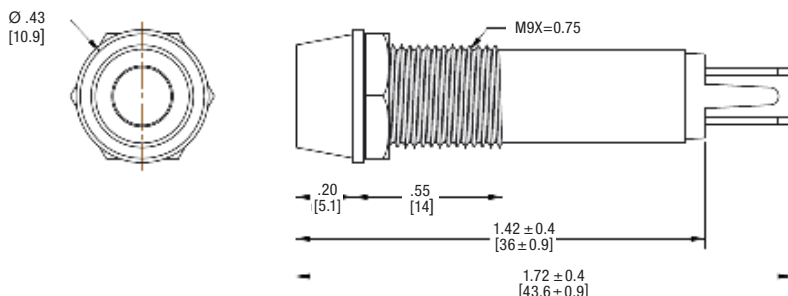
Mechanical Information

Mounting Hole Size:	0.374" (9.5mm)
Max Panel Thickness:	0.374" (9.5mm); with Gasket: 0.318" (8.0mm)
Mounting Torque:	0.362 lbs/ft (5 kg/cm)

Specifications

Voltage Options:	6, 12 & 24 V DC (no resistor required)
Operating Temp:	-30 °C to +85 °C (-22 °F to +185 °F)
Storage Temp:	-40 °C to +85 °C (-40 °F to +185 °F)
Electrical Connection:	Solder terminals
Housing:	Brass—Chrome or Black Plated
Terminals:	Copper—Nickel Plated
Lock washer:	Iron—Nickel Plated
Nut:	Brass—Nickel Plated

Recessed



These indicators are un-polarized



Ordering Information 609 Series

Part Number Guide										RoHS Compliant		
6	0	9	-	X	X	X	2	-	X	X	0	F
LED Position				Plating				Voltage				
Protruding		1		1		Chrome		2		6VDC		
Recessed		2		2		Black		3		12VDC		
Color								4		24VDC		
Red		1		1		Standard						
Green		2		3		Watertight						
Yellow		3										

Protruding LED

Part Number	Part Number	Color	Voltage (V DC)	Current (mA)	Intensity Typ. (mcd)	Plating
Standard	Watertight					
609-1112-120F	609-1112-320F	Red	6	15	85	Chrome
609-1212-120F	609-1212-320F	Green			115	
609-1312-120F	609-1312-320F	Yellow			90	
609-1112-130F	609-1112-330F	Red	12		85	
609-1212-130F	609-1212-330F	Green			115	
609-1312-130F	609-1312-330F	Yellow			90	
609-1112-140F	609-1112-340F	Red	24		85	
609-1212-140F	609-1212-340F	Green			115	
609-1312-140F	609-1312-340F	Yellow			90	
609-1122-120F	609-1122-320F	Red	6		85	Black
609-1222-120F	609-1222-320F	Green			115	
609-1322-120F	609-1322-320F	Yellow			90	
609-1122-130F	609-1122-330F	Red	12		85	
609-1222-130F	609-1222-330F	Green			115	
609-1322-130F	609-1322-330F	Yellow			90	
609-1122-140F	609-1122-340F	Red	24		85	
609-1222-140F	609-1222-340F	Green			115	
609-1322-140F	609-1322-340F	Yellow			90	

Recessed LED

Part Number	Part Number	Color	Voltage (V DC)	Current (mA)	Intensity Typ. (mcd)	Plating
Standard	Watertight					
609-2112-120F	609-2112-320F	Red	6	15	85	Chrome
609-2212-120F	609-2212-320F	Green			115	
609-2312-120F	609-2312-320F	Yellow			90	
609-2112-130F	609-2112-330F	Red	12		85	
609-2212-130F	609-2212-330F	Green			115	
609-2312-130F	609-2312-330F	Yellow			90	
609-2112-140F	609-2112-340F	Red	24		85	
609-2212-140F	609-2212-340F	Green			115	
609-2312-140F	609-2312-340F	Yellow			90	
609-2122-120F	609-2122-320F	Red	6		85	Black
609-2222-120F	609-2222-320F	Green			115	
609-2322-120F	609-2322-320F	Yellow			90	
609-2122-130F	609-2122-330F	Red	12		85	
609-2222-130F	609-2222-330F	Green			115	
609-2322-130F	609-2322-330F	Yellow			90	
609-2122-140F	609-2122-340F	Red	24		85	
609-2222-140F	609-2222-340F	Green			115	
609-2322-140F	609-2322-340F	Yellow			90	

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Certifications & Ratings

- RoHS compliant

Application

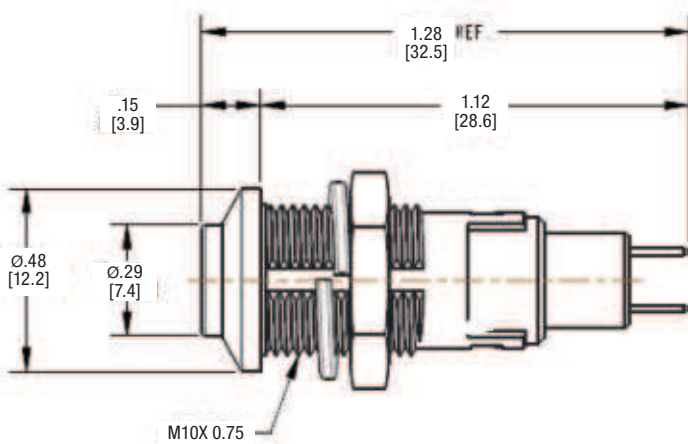
The 610 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

... and many more!

Dimensions

inches [mm]



Mechanical Information

Mounting Hole Size: 0.413" (10.5 mm)

Max Panel Thickness: 0.236" (6.0 mm)

Mounting Torque: 0.217 lbs/ft (3 kg/cm)

Specifications

Voltage Options: 6 VDC (no resistor required)

Operating Temp: -25 °C to +85 °C (-13 °F to +185 °F)

Storage Temp: -40 °C to +100 °C (-40 °F to +212 °F)

Electrical Connection: Solder terminals

Housing: Polycarbonate

Terminals: Copper—Nickel Plated

Lock Washer: Iron—Nickel Plated

Nut: Brass—Nickel Plated

Ordering Information 610 Series

Part Number	Color	Voltage (V DC)	Current (mA)	Intensity Typ. (mcd)	LED Shape
610-3132-120F	Red	6	15	75	Round
610-3232-120F	Green			110	
610-3332-120F	Yellow			60	
610-4132-120F	Red			75	Square
610-4232-120F	Green			110	
610-4332-120F	Yellow			60	





Certifications & Ratings

- RoHS compliant

Application

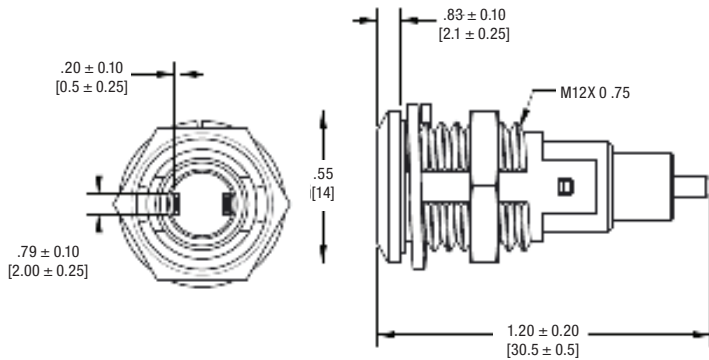
The 612 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

... and many more!

Dimensions

inches [mm]



Mechanical Information

Mounting Hole Size: 0.492" (12.5 mm)

Max Panel Thickness: 0.236" (6.0 mm)

Mounting Torque: 0.217 lbs/ft (3 kg/cm)

Specifications

Voltage Options: 6, 12 & 24 VDC (no resistor required)

Operating Temp: -25 °C to +85 °C (-13 °F to +185 °F)

Storage Temp: -25 °C to +100 °C (-13 °F to +212 °F)

Electrical Connection: Solder terminals

Housing: Polycarbonate

Terminals: Copper—Nickel Plated

Lock Washer: Iron—Nickel Plated

Nut: Brass—Nickel Plated

Ordering Information 612 Series

Part Number	Color	Voltage (VDC)	Current (mA)	Intensity Typ. (mcd)
612-3132-120F	Red	6	15	65
612-3232-120F	Green			110
612-3332-120F	Yellow			80
612-3132-130F	Red	12		65
612-3232-130F	Green			110
612-3332-130F	Yellow			80
612-3132-140F	Red	24		65
612-3232-140F	Green			110
612-3332-140F	Yellow			80



Certifications & Ratings

- RoHS compliant
- IP66/IP67
- IK10
- NEMA 4X

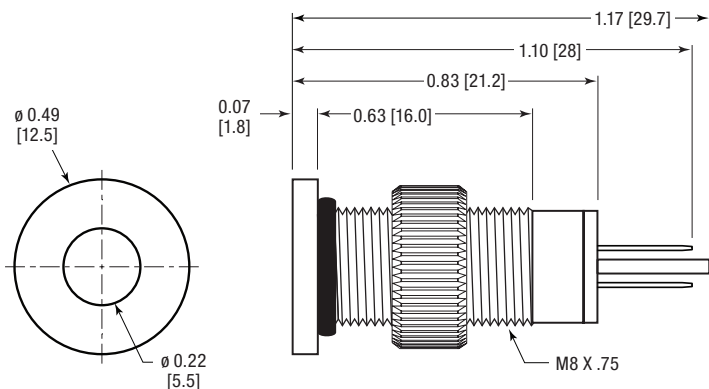
Application

The 620 Series Heavy Duty LED Panel Mount Indicators are elegantly designed for a high-end aesthetic paired with sturdy construction. These indicators are non-magnetic, corrosion resistant for both indoor and outdoor use, and secured to prevent dirt, dust, and water penetration. Ideal for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation
- ... and many more!

Dimensions

inches [mm]



These indicators are un-polarized.

Mechanical Information

Mounting Hole Size:	0.323" (8.2 mm)
Max Panel Thickness:	0.394" (10 mm)
Mounting Torque:	7.01 lbs-ft (9.5 Nm)

Specifications

Operating Voltage:	3 VDC (external resistor required) 6, 12 & 24 VDC (internal resistor included)
Operating Temp:	-25 °C to +70 °C (-13 °F to 158 °F)
Storage Temp:	-25 °C to +70 °C (-13 °F to 158 °F)
Electrical Connection:	Solder terminals
Housing:	Stainless Steel
Terminals:	Stainless Steel
Nut:	Stainless Steel

Ordering Information 620 Series

Part Number Guide

RoHS Compliant

6	2	0	-	1	X	X	X	-	3	0	4	F	
							Voltage						
							1	3VDC					
							2	6VDC					
							3	12VDC					
							4	24VDC					
									Color				
									Red	1	0		
									Green	2	0		
									Yellow	3	0		
									Blue	4	0		

Dialight P/N	Color	Voltage (V DC)	Current (mA)	Typical Intensity (mcd)
620-1101-304F	Red	3	15	200
620-1201-304F	Green			250
620-1301-304F	Yellow			350
620-1401-304F	Blue			300
620-1102-304F	Red	6		200
620-1202-304F	Green			250
620-1302-304F	Yellow			350
620-1402-304F	Blue			300
620-1103-304F	Red	12		200
620-1203-304F	Green			250
620-1303-304F	Yellow			350
620-1403-304F	Blue			300
620-1104-304F	Red	24		200
620-1204-304F	Green			250
620-1304-304F	Yellow			350
620-1404-304F	Blue			300

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Certifications & Ratings

- RoHS compliant
- IP66/IP67
- IK10
- NEMA 4X

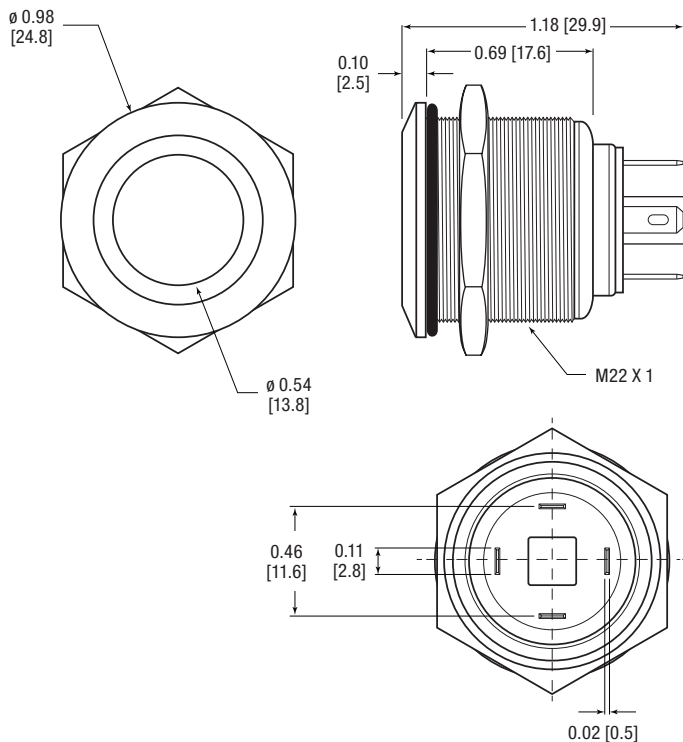
Application

The 621 Series Heavy Duty LED Panel Mount Indicators are elegantly designed for a high-end aesthetic paired with sturdy construction. These indicators are non-magnetic, corrosion resistant for both indoor and outdoor use, and secured to prevent dirt, dust, and water penetration. Ideal for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation
- ... and many more!

Dimensions

inches [mm]



Please use the markings on the housing to properly connect this part for normal operation.

Mechanical Information

Mounting Hole Size:	0.866" (22mm)
Max Panel Thickness:	0.394" (10mm)
Mounting Torque:	7.01 lbs-ft (9.5 Nm)

Specifications

Operating Voltage:	3, 6, 12 & 24 VDC (internal resistor included)
Operating Temp:	-25 °C to +70 °C (-13 °F to 158 °F)
Storage Temp:	-25 °C to +70 °C (-13 °F to 158 °F)
Electrical Connection:	Solder terminals, Common Cathode
Housing:	Stainless Steel
Terminals:	Stainless Steel
Nut:	Stainless Steel



Ordering Information 621 Series

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

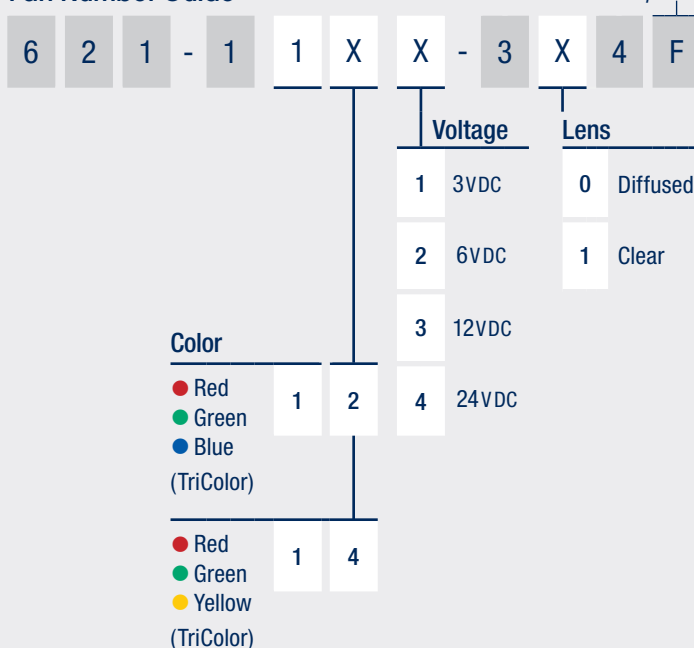
Diffused Lens

621-1121-304F	(TriColor)	3	15	● Red: 200 ● Green: 250 ● Blue: 300
621-1122-304F	● Red	6		
621-1123-304F	● Green	12		
621-1124-304F	● Blue	24		
621-1141-304F	(TriColor)	3	15	● Red: 115 ● Green: 110 ● Yellow: 435
621-1142-304F	● Red	6		
621-1143-304F	● Green	12		
621-1144-304F	● Yellow	24		

Clear Lens

621-1121-314F	(TriColor)	3	15	● Red: 200 ● Green: 250 ● Blue: 300
621-1122-314F	● Red	6		
621-1123-314F	● Green	12		
621-1124-314F	● Blue	24		
621-1141-314F	(TriColor)	3	15	● Red: 115 ● Green: 110 ● Yellow: 435
621-1142-314F	● Red	6		
621-1143-314F	● Green	12		
621-1144-314F	● Yellow	24		

Part Number Guide





Certifications & Ratings

- RoHS compliant
- IP66/IP67
- IK10
- NEMA 4X

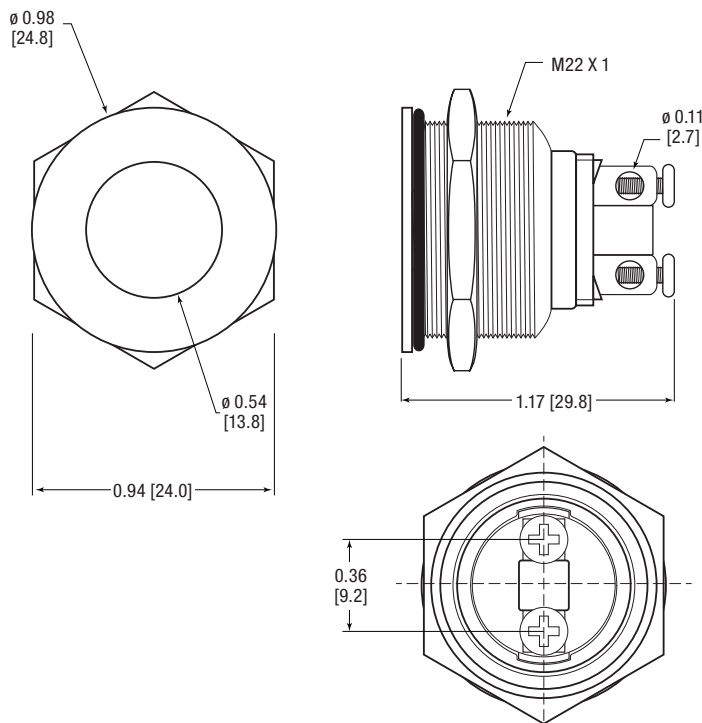
Application

The 622 Series Heavy Duty LED Panel Mount Indicators are elegantly designed for a high-end aesthetic paired with sturdy construction. These indicators are non-magnetic, corrosion resistant for both indoor and outdoor use, and secured to prevent dirt, dust, and water penetration. Ideal for a variety of applications such as:

- Main power indication
 - Remote power indication
 - Status indication
 - Maintenance and warning indication
 - Instrumentation
- ... and many more!

Dimensions

inches [mm]



These indicators are un-polarized

Mechanical Information

Mounting Hole Size:	0.866" (22 mm)
Max Panel Thickness:	0.394" (10 mm)
Mounting Torque:	7.01 lbs-ft (9.5 Nm)

Specifications

Operating Voltage:	3 VDC (external resistor required) 6, 12 & 24 VDC (internal resistor included)
Operating Temp:	-25 °C to +70 °C (-13 °F to 158 °F)
Storage Temp:	-25 °C to +70 °C (-13 °F to 158 °F)
Electrical Connection:	Screw terminals
Housing:	Stainless Steel
Nut:	Stainless Steel

Ordering Information 622 Series

Part Number Guide

RoHS Compliant

6	2	2	-	1	X	X	X	-	3	0	4	F			
					Color		Voltage								
									1	3VDC					
									2	6VDC					
									3	12VDC					
									4	24VDC					
					● Red	1	0								
					● Green	2	0								
					● Yellow	3	0								
					● Blue	4	0								

Dialight P/N	Color	Voltage (V DC)	Current (mA)	Typical Intensity (mcd)
622-1101-304F	● Red	3	15	200
622-1201-304F	● Green			250
622-1301-304F	● Yellow			350
622-1401-304F	● Blue			300
622-1102-304F	● Red	6		200
622-1202-304F	● Green			250
622-1302-304F	● Yellow			350
622-1402-304F	● Blue			300
622-1103-304F	● Red	12		200
622-1203-304F	● Green			250
622-1303-304F	● Yellow			350
622-1403-304F	● Blue			300
622-1104-304F	● Red	24		200
622-1204-304F	● Green			250
622-1304-304F	● Yellow			350
622-1404-304F	● Blue			300

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Certifications & Ratings

- RoHS compliant
- IP66/IP67
- IK10
- NEMA 4X

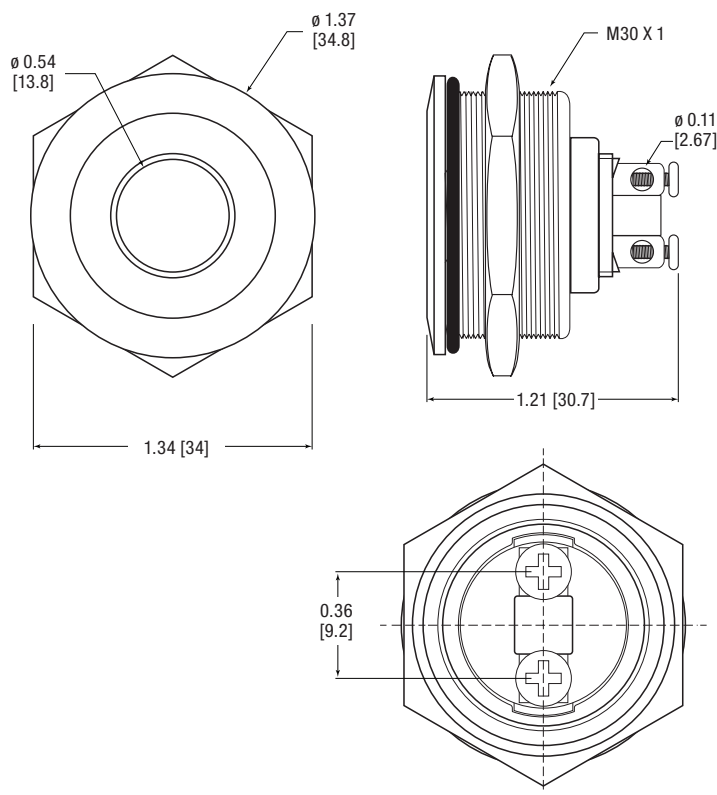
Application

The 623 Series Heavy Duty LED Panel Mount Indicators are elegantly designed for a high-end aesthetic paired with sturdy construction. These indicators are non-magnetic, corrosion resistant for both indoor and outdoor use, and secured to prevent dirt, dust, and water penetration. Ideal for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation
- ... and many more!

Dimensions

inches [mm]



These indicators are un-polarized

Mechanical Information

Mounting Hole Size:	1.18" (30 mm)
Max Panel Thickness:	0.394" (10 mm)
Mounting Torque:	7.01 lbs-ft (9.5 Nm)

Specifications

Operating Voltage:	3 VDC (external resistor required) 6, 12 & 24 VDC (internal resistor included)
Operating Temp:	-25 °C to +70 °C (-13 °F to 158 °F)
Storage Temp:	-25 °C to +70 °C (-13 °F to 158 °F)
Electrical Connection:	Screw terminals
Housing:	Stainless Steel
Nut:	Stainless Steel

Ordering Information 623 Series

Part Number Guide

RoHS Compliant

6	2	3	-	1	X	X	X	-	3	0	4	F		
					Color		Voltage							
									1	3VDC				
									2	6VDC				
									3	12VDC				
									4	24VDC				
					Red	1	0							
					Green	2	0							
					Yellow	3	0							
					Blue	4	0							

Dialight P/N	Color	Voltage (V DC)	Current (mA)	Typical Intensity (mcd)
623-1101-304F	Red	3	15	200
623-1201-304F	Green			250
623-1301-304F	Yellow			350
623-1401-304F	Blue			300
623-1102-304F	Red	6		200
623-1202-304F	Green			250
623-1302-304F	Yellow			350
623-1402-304F	Blue			300
623-1103-304F	Red	12		200
623-1203-304F	Green			250
623-1303-304F	Yellow			350
623-1403-304F	Blue			300
623-1104-304F	Red	24		200
623-1204-304F	Green			250
623-1304-304F	Yellow			350
623-1404-304F	Blue			300

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Certifications & Ratings

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

Application

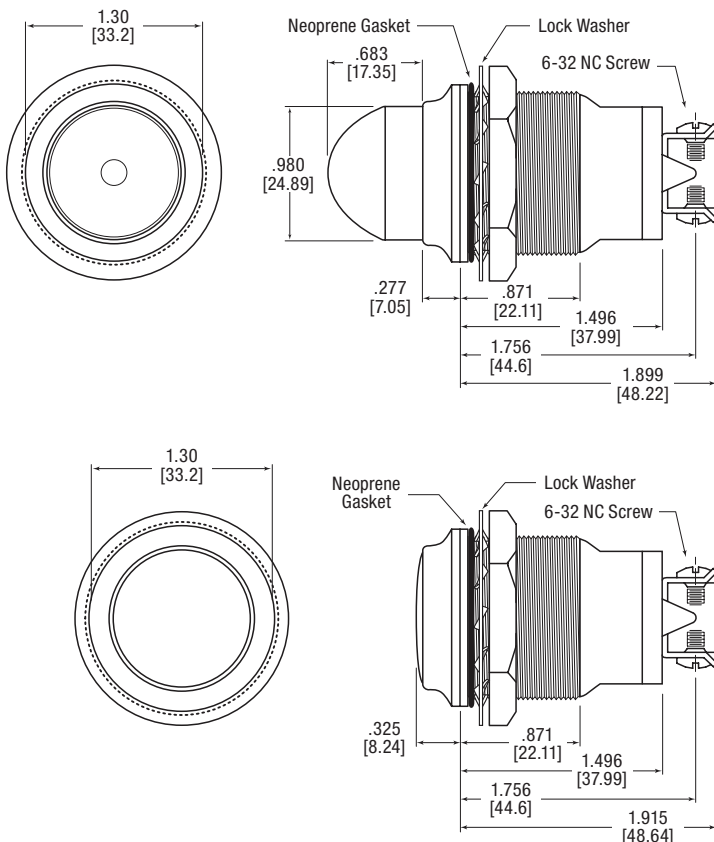
The 630 Series LED Panel Mount Indicators incorporate both InGaN and AlInGaP technologies to offer maximum light output. This is a highly durable package, designed to withstand outdoor applications susceptible to rain, dust and sunlight:

- 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



Ordering Information 630 Series

Part Number Guide										RoHS Compliant	
6	3	0	-	X	X	X	-	3	0	4	F
Lens Style					Voltage						
Flat		1			3		12 VDC				
Domed		3			4		24 VDC				
					5		120 VAC				
Color											
 White		0			0						
 Red		5			0						
 Green		6			0						
 Yellow		7			0						
 Blue		8			0						

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

Flat Lens

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

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



Certifications & Ratings

- RoHS compliant

Application

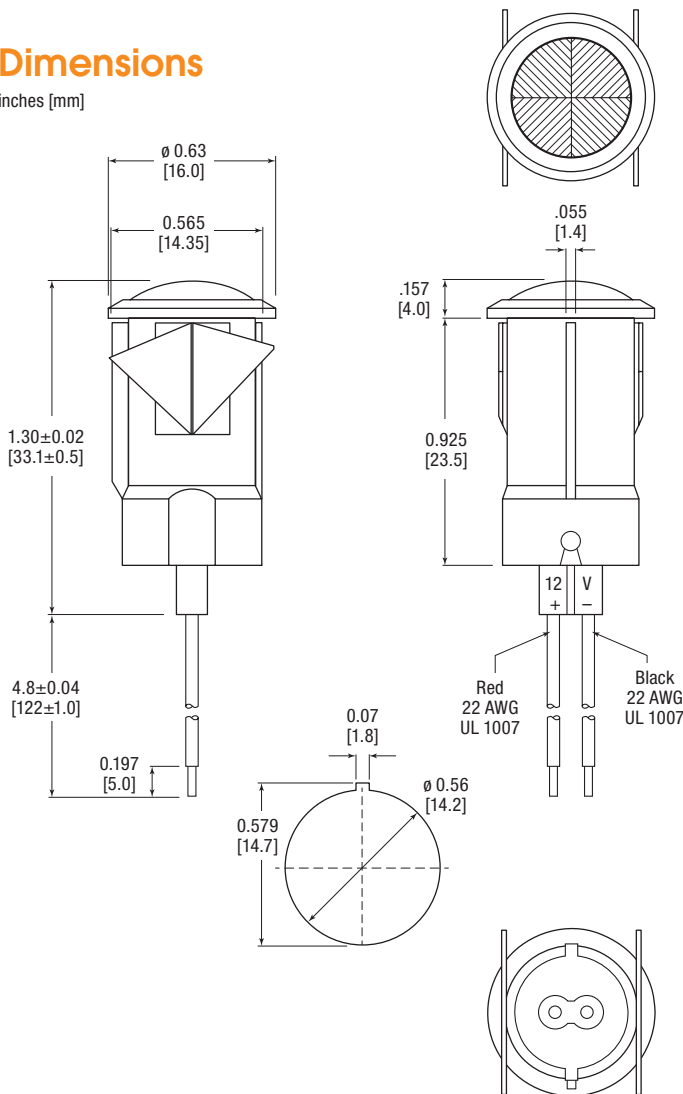
The 653 Series LED Panel Mount Indicators are designed with the unique feature of flexible tabs that allow for mounting to panels of thicknesses ranging from 0.027" (0.7 mm) to 0.138" (3.5 mm). They are ideal for a variety of applications, such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

... and many more!

Dimensions

inches [mm]



Mechanical Information

Mounting Hole Size: 0.579" (14.7 mm)

Max Panel Thickness: 0.138" (3.5 mm)

Specifications

Voltage Options: 12 & 24 VDC (no resistor required)

Operating temp: -20 °C to +80 °C (-4 °F to +176 °F)

Storage Temp: -20 °C to +80 °C (-4 °F to +176 °F)

Electrical Connection: 5" wire leads

Housing: Polycarbonate

Wire Leads: 22 AWG

Dialight P/N	Color	Voltage (V DC)	Current (mA)	Typical Intensity (mcd)
653-1103-103F	Red	12	20	845
653-1203-103F	Green			600
653-1303-103F	Yellow			465
653-1403-103F	Blue			390
653-1104-103F	Red	24		845
653-1204-103F	Green			600
653-1304-103F	Yellow			465
653-1404-103F	Blue			390



Ordering Information 653 Series

Part Number Guide

6

5

3

-

X

X

X

-

1

0

X

F

Lens Style

Flat

1

Voltage

3

12VDC

4

24VDC

Termination

3

Wire Leads

Color

1

0

Red

2

0

Green

3

0

Yellow

4

0

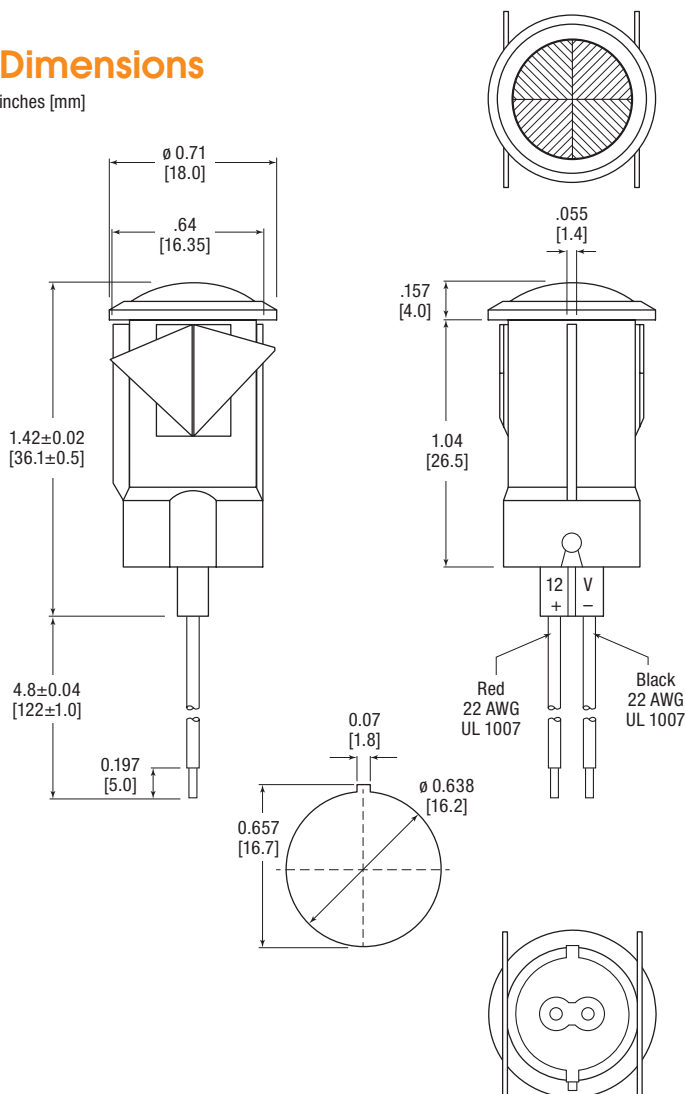
Blue

RoHS Compliant



Dimensions

inches [mm]



Certifications & Ratings

- RoHS compliant

Application

The 654 Series LED Panel Mount Indicators are designed with the unique feature of flexible tabs that allow for mounting to panels of thicknesses ranging from 0.027" (0.7 mm) to 0.138" (3.5 mm). They are ideal for a variety of applications, such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

... and many more!

Mechanical Information

Mounting Hole Size: 0.657" (16.7 mm)

Max Panel Thickness: 0.138" (3.5 mm)

Specifications

Voltage Options: 12 & 24 VDC (no resistor required)

Operating temp: -20 °C to +80 °C (-4 °F to +176 °F)

Storage Temp: -20 °C to +80 °C (-4 °F to +176 °F)

Electrical Connection: 5" wire leads

Housing: Polycarbonate

Wire Leads: 22 AWG

Dialight P/N	Color	Voltage (VDC)	Current (mA)	Typical Intensity (mcd)
654-1103-103F	Red	12	20	845
654-1203-103F	Green			600
654-1303-103F	Yellow			465
654-1403-103F	Blue			390
654-1104-103F	Red	24		845
654-1204-103F	Green			600
654-1304-103F	Yellow			465
654-1404-103F	Blue			390



Ordering Information 654 Series

Part Number Guide

654-X-X-X-10XF

Lens Style

Flat1

Voltage

312VDC

424VDC

Termination

3Wire Leads

Color

10Red

20Green

30Yellow

40Blue

RoHS Compliant



Certifications & Ratings

- RoHS compliant

Application

The 655 Series LED Panel Mount Indicators are designed for a variety of applications such as.

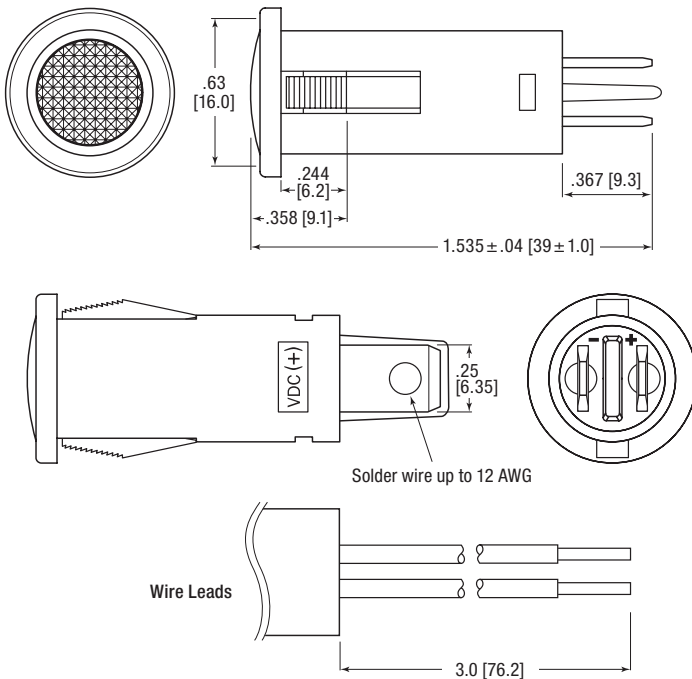
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

... and many more!

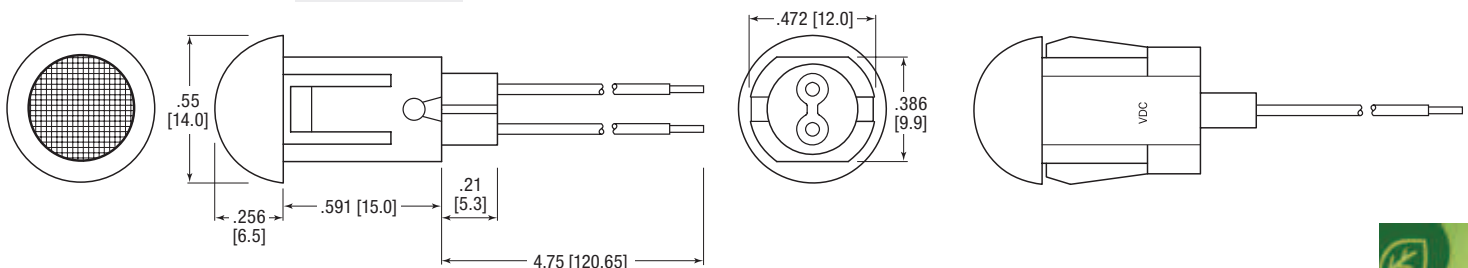
Dimensions

inches [mm]

Flat Lens



Domed Lens



Mechanical Information

Mounting Hole Size: 0.50" (12.7 mm)

Max Panel Thickness: 0.138" (3.5 mm) (Domed Lens);
0.216" (5.5 mm) (Flat Lens)

Specifications

Voltage Options: 12 & 24 VDC and 120 & 230 VAC (Flat Lens only), no resistor required

Operating temp: -20 °C to +85 °C (-4 °F to +185 °F)

Storage Temp: -20 °C to +85 °C (-4 °F to +185 °F)

Electrical Connection: 250 Faston quick connect terminals (Flat Lens only) or wire leads

Housing: Polycarbonate

Terminals: Brass—Nickel Plated (Flat Lens only)

Wire Leads: 18 AWG (Flat Lens),
26 AWG (Domed Lens)

Ordering Information 655 Series

Dialight P/N		Color	Voltage	Current (mA)	Typical Intensity (mcd)
Wire Leads	Solder Terminals				

Flat Lens

655-1103-103F	655-1103-104F	Red	12 VDC	20	270
655-1203-103F	655-1203-104F	Green			700
655-1303-103F	655-1303-104F	Yellow			200
655-1403-103F	655-1403-104F	Blue			100
655-1104-103F	655-1104-104F	Red	24 VDC	20	270
655-1204-103F	655-1204-104F	Green			700
655-1304-103F	655-1304-104F	Yellow			200
655-1404-103F	655-1404-104F	Blue			100
655-1105-103F	655-1105-104F	Red	120 VAC	5	60
655-1205-103F	655-1205-104F	Green			110
655-1305-103F	655-1305-104F	Yellow			70
655-1405-103F	655-1405-104F	Blue			25
655-1109-103F	655-1109-104F	Red	230 VAC	3	60
655-1209-103F	655-1209-104F	Green			110
655-1309-103F	655-1309-104F	Yellow			70
655-1409-103F	655-1409-104F	Blue			25

Domed Lens

655-2103-103F	NA	Red	12 VDC	20	3000
655-2203-103F	NA	Green			2500
655-2303-103F	NA	Yellow			1500
655-2403-103F	NA	Blue			700
655-2104-103F	NA	Red	24 VDC	20	3000
655-2204-103F	NA	Green			2500
655-2304-103F	NA	Yellow			1500
655-2404-103F	NA	Blue			700

Part Number Guide

RoHS Compliant										
6	5	5	-	X	X	X	-	1	0	X F
Lens Style				Voltage				Termination		
Flat				1	3 12VDC				3	Wire Leads
Domed				2	4 24VDC				4	Solder Terminals (Flat Lens only)
					5 120VAC					
					9 230VAC (Flat Lens only)					
Color				1	0					
Red				1	0					
Green				2	0					
Yellow				3	0					
Blue				4	0					



Certifications & Ratings

- UL1598: wire leads — UL listed; terminals — UL recognized
- NEMA 4X
- IP66/67
- RoHS compliant — w/6C exemption

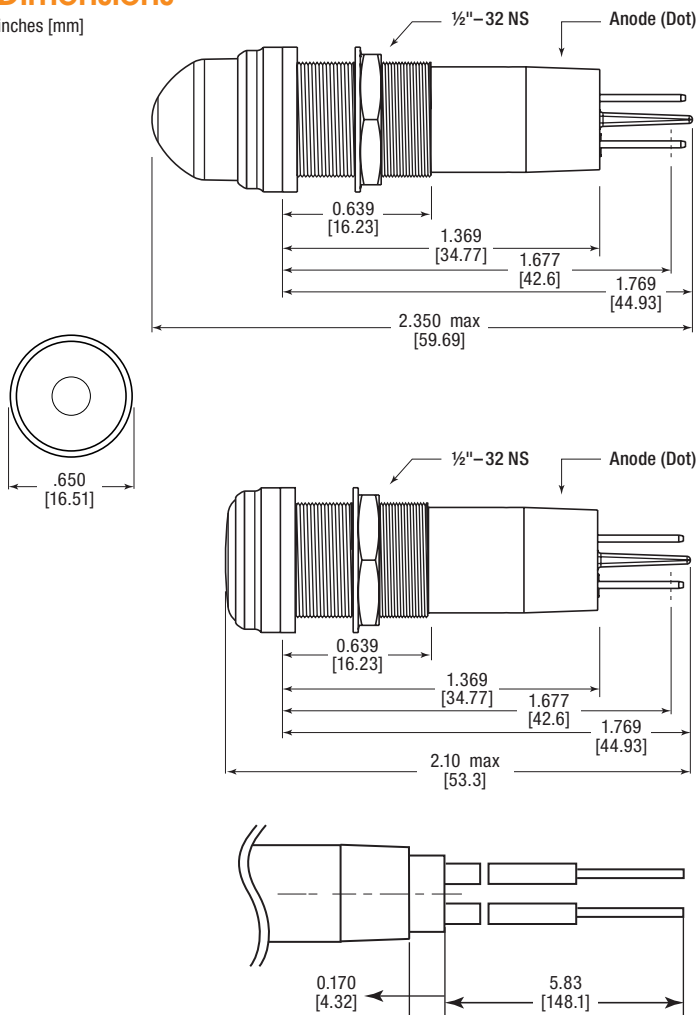
Application

The 656 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Safety Applications
- Instrument Panels
- Vending/Gaming
- Display Lighting
- Transportation — rail, bus, airline
- ... and many more!

Dimensions

inches [mm]



Mechanical information

Mounting Hole Size: 0.500" (12.7 mm)

Max Panel Thickness: 0.450" (11.43 mm)

Mounting Torque: 5 in-lbs

Specifications

Voltage Options: 5 to 125 VDC and 125, 230 VAC (bi-color 5, 12, 24 VDC) (no resistor required)

Operating Temp: -40 °C to +100 °C (-40 °F to +212 °F)

Storage Temp: -40 °C to +100 °C (-40 °F to +212 °F)

Electrical Connection: 110 Faston quick connect terminals or 6" wire leads

Housing: Brass—White or Black Nickel Plated

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

Wire Leads: 18 AWG

Lock Washer: Bronze—White or Black Nickel Plated

Nut: Brass—White or Black Nickel Plated



Ordering Information

656 Series

Part Number Guide							RoHS Compliant					
6	5	6	-	X	X	X	X	-	X	0	X	F
		Lens Style				Voltage				Termination		
Flat		1				2 5VDC				3 Wires		
Domed		3				3 12VDC				4 Blades		
		Color				4 24VDC						
○ White		0 0				6 28VDC*				Plating		
● Red		1 0				8 37.5VDC*		2 Black				
● Green		2 0				A 48 VDC*†◇		3 White				
● Yellow		3 0				7 72VDC*						
● Orange		3 5				5 120 VAC/DC*†						
● Blue		4 0				9 230 VAC*†						
● Red		1 2										
● Green		2 2										
● Yellow		3 2										
● Green												
							* single color only					
							† white nickel plating only					
							◇ wire leads only					

656 Series—Bi-Color

Flat Lens

Part #—with Wire Leads		Part #—with Blade Terminals		Color	Voltage (VDC)	Typ Current (mA)	Typical Intensity (mcd)
White Nickel Plating	Black Nickel Plating	White Nickel Plating	Black Nickel Plating				
656-1122-303F	656-1122-203F	656-1122-304F	656-1122-204F	Red Green	5	11 / 8	330/910
656-1322-303F	656-1322-203F	656-1322-304F	656-1322-204F	Yellow Green	5	11 / 8	320/864
656-1123-303F	656-1123-203F	656-1123-304F	656-1123-204F	Red Green	12	10 / 9	330/910
656-1323-303F	656-1323-203F	656-1323-304F	656-1323-204F	Yellow Green	12	10 / 9	320/864
656-1124-303F	656-1124-203F	656-1124-304F	656-1124-204F	Red Green	24	11 / 10	330/910
656-1324-303F	656-1324-203F	656-1324-304F	656-1324-204F	Yellow Green	24	11 / 10	320/864

Domed Lens

Part #—with Wire Leads		Part #—with Blade Terminals		Color	Voltage (VDC)	Typ Current (mA)	Typical Intensity (mcd)
White Nickel Plating	Black Nickel Plating	White Nickel Plating	Black Nickel Plating				
656-3122-303F	656-3122-203F	656-3122-304F	656-3122-204F	Red Green	5	11 / 8	490/1340
656-3322-303F	656-3322-203F	656-3322-304F	656-3322-204F	Yellow Green	5	11 / 8	480/430
656-3123-303F	656-3123-203F	656-3123-304F	656-3123-204F	Red Green	12	10 / 9	490/1340
656-3323-303F	656-3323-203F	656-3323-304F	656-3323-204F	Yellow Green	12	10 / 9	480/430
656-3124-303F	656-3124-203F	656-3124-304F	656-3124-204F	Red Green	24	11 / 10	490/1340
656-3324-303F	656-3324-203F	656-3324-304F	656-3324-204F	Yellow Green	24	11 / 10	480/430

Ordering Information

656 Series—Single Color

Part #—with Wire Leads		Part #—with Blade Terminals		Color	Voltage	Typ Current (mA)	Typical Intensity (mcd)
White Nickel Plating	Black Nickel Plating	White Nickel Plating	Black Nickel Plating				
656-1002-303F	656-1002-203F	656-1002-304F	656-1002-204F	○ White	5 (VDC)	15	1510
656-1102-303F	656-1102-203F	656-1102-304F	656-1102-204F	● Red		16	1150
656-1202-303F	656-1202-203F	656-1202-304F	656-1202-204F	● Green		15	1600
656-1302-303F	656-1302-203F	656-1302-304F	656-1302-204F	● Yellow		16	990
656-1352-303F	656-1352-203F	656-1352-304F	656-1352-204F	● Orange		16	1800
656-1402-303F	656-1402-203F	656-1402-304F	656-1402-204F	● Blue		15	237
656-1003-303F	656-1003-203F	656-1003-304F	656-1003-204F	○ White	12 (VDC)	18	1310
656-1103-303F	656-1103-203F	656-1103-304F	656-1103-204F	● Red		18	1100
656-1203-303F	656-1203-203F	656-1203-304F	656-1203-204F	● Green		16	1140
656-1303-303F	656-1303-203F	656-1303-304F	656-1303-204F	● Yellow		18	880
656-1353-303F	656-1353-203F	656-1353-304F	656-1353-204F	● Orange		18	1800
656-1403-303F	656-1403-203F	656-1403-304F	656-1403-204F	● Blue		16	290
656-1004-303F	656-1004-203F	656-1004-304F	656-1004-204F	○ White	24 (VDC)	20	1310
656-1104-303F	656-1104-203F	656-1104-304F	656-1104-204F	● Red			1100
656-1204-303F	656-1204-203F	656-1204-304F	656-1204-204F	● Green			1140
656-1304-303F	656-1304-203F	656-1304-304F	656-1304-204F	● Yellow			880
656-1354-303F	656-1354-203F	656-1354-304F	656-1354-204F	● Orange			1800
656-1404-303F	656-1404-203F	656-1404-304F	656-1404-204F	● Blue			290
656-1006-303F	656-1006-203F	656-1006-304F	656-1006-204F	○ White	28 (VDC)	19	1310
656-1106-303F	656-1106-203F	656-1106-304F	656-1106-204F	● Red		19	1100
656-1206-303F	656-1206-203F	656-1206-304F	656-1206-204F	● Green		18	1140
656-1306-303F	656-1306-203F	656-1306-304F	656-1306-204F	● Yellow		19	880
656-1356-303F	656-1356-203F	656-1356-304F	656-1356-204F	● Orange		19	1800
656-1406-303F	656-1406-203F	656-1406-304F	656-1406-204F	● Blue		18	290
656-1008-303F	656-1008-203F	656-1008-304F	656-1008-204F	○ White	37.5 (VDC)	8.5	400
656-1108-303F	656-1108-203F	656-1108-304F	656-1108-204F	● Red			230
656-1208-303F	656-1208-203F	656-1208-304F	656-1208-204F	● Green			450
656-1308-303F	656-1308-203F	656-1308-304F	656-1308-204F	● Yellow			190
656-1358-303F	656-1358-203F	656-1358-304F	656-1358-204F	● Orange			835
656-1408-303F	656-1408-203F	656-1408-304F	656-1408-204F	● Blue			100
656-110A-303F	—	656-110A-304F	—	● Red	48 (VDC)	10	230
656-120A-303F	—	656-120A-304F	—	● Green			450
656-130A-303F	—	656-130A-304F	—	● Yellow			190
656-1007-303F	656-1007-203F	656-1007-304F	656-1007-204F	○ White	72 (VDC)	8.5	400
656-1107-303F	656-1107-203F	656-1107-304F	656-1107-204F	● Red			230
656-1207-303F	656-1207-203F	656-1207-304F	656-1207-204F	● Green			450
656-1307-303F	656-1307-203F	656-1307-304F	656-1307-204F	● Yellow			190
656-1357-303F	656-1357-203F	656-1357-304F	656-1357-204F	● Orange			835
656-1407-303F	656-1407-203F	656-1407-304F	656-1407-204F	● Blue			100
656-1005-303F	—	656-1005-304F	—	○ White	120 (VAC/VDC)	5	400
656-1105-303F	—	656-1105-304F	—	● Red			230
656-1205-303F	—	656-1205-304F	—	● Green			450
656-1305-303F	—	656-1305-304F	—	● Yellow			190
656-1355-303F	—	656-1355-304F	—	● Orange			260
656-1405-303F	—	656-1405-304F	—	● Blue			100
656-1009-303F	—	656-1009-304F	—	○ White	230 (VAC)	3	400
656-1109-303F	—	656-1109-304F	—	● Red			230
656-1209-303F	—	656-1209-304F	—	● Green			450
656-1309-303F	—	656-1309-304F	—	● Yellow			190
656-1359-303F	—	656-1359-304F	—	● Orange			260
656-1409-303F	—	656-1409-304F	—	● Blue			100

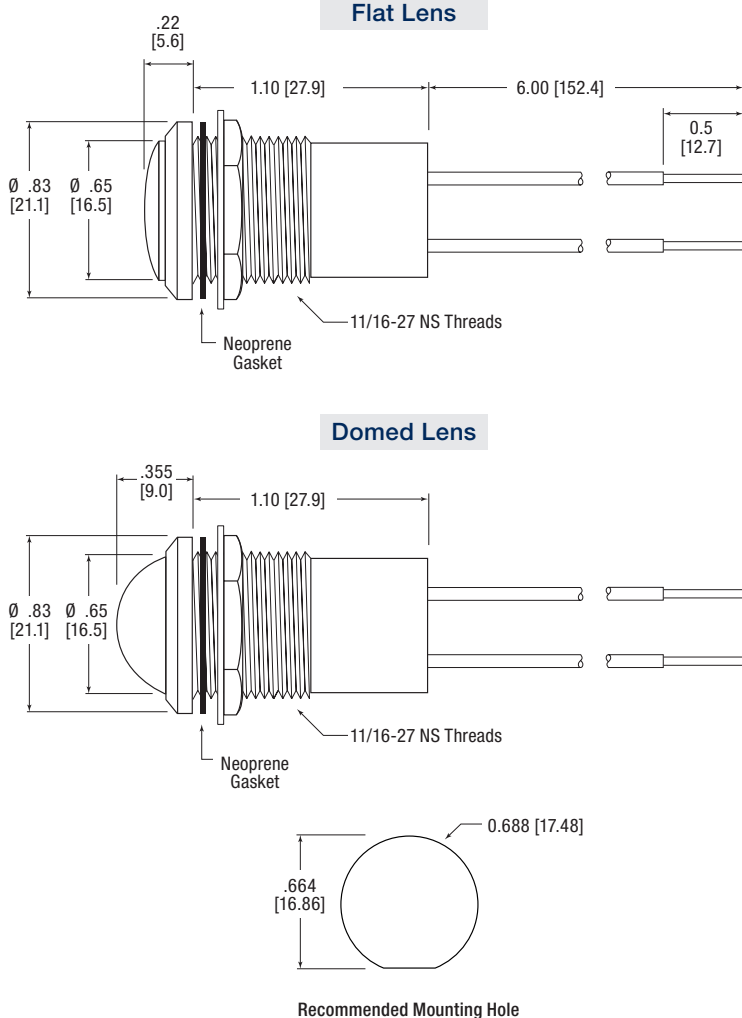
Domed Lens

Part #—with Wire Leads		Part #—with Blade Terminals		Color	Voltage	Typ Current (mA)	Typical Intensity (mcd)
White Nickel Plating	Black Nickel Plating	White Nickel Plating	Black Nickel Plating				
656-3002-303F	656-3002-203F	656-3002-304F	656-3002-204F	○ White	5 (VDC)	15	3080
656-3102-303F	656-3102-203F	656-3102-304F	656-3102-204F	● Red		16	2200
656-3202-303F	656-3202-203F	656-3202-304F	656-3202-204F	● Green		15	2880
656-3302-303F	656-3302-203F	656-3302-304F	656-3302-204F	● Yellow		16	1960
656-3352-303F	656-3352-203F	656-3352-304F	656-3352-204F	● Orange		16	4400
656-3402-303F	656-3402-203F	656-3402-304F	656-3402-204F	● Blue		15	600
656-3003-303F	656-3003-203F	656-3003-304F	656-3003-204F	○ White	12 (VDC)	18	2340
656-3103-303F	656-3103-203F	656-3103-304F	656-3103-204F	● Red		18	2000
656-3203-303F	656-3203-203F	656-3203-304F	656-3203-204F	● Green		16	2110
656-3303-303F	656-3303-203F	656-3304-304F	656-3303-204F	● Yellow		18	1080
656-3353-303F	656-3353-203F	656-3353-304F	656-3353-204F	● Orange		18	4400
656-3403-303F	656-3403-203F	656-3403-304F	656-3403-204F	● Blue		16	640
656-3004-303F	656-3004-203F	656-3004-304F	656-3004-204F	○ White	24 (VDC)	20	2340
656-3104-303F	656-3104-203F	656-3104-304F	656-3104-204F	● Red			2000
656-3204-303F	656-3204-203F	656-3204-304F	656-3204-204F	● Green			2110
656-3304-303F	656-3304-203F	656-3304-304F	656-3304-204F	● Yellow			1080
656-3354-303F	656-3354-203F	656-3354-304F	656-3354-204F	● Orange			4400
656-3404-303F	656-3404-203F	656-3404-304F	656-3404-204F	● Blue			640
656-3006-303F	656-3006-203F	656-3006-304F	656-3006-204F	○ White	28 (VDC)	19	2340
656-3106-303F	656-3106-203F	656-3106-304F	656-3106-204F	● Red		19	2000
656-3206-303F	656-3206-203F	656-3206-304F	656-3206-204F	● Green		18	2110
656-3306-303F	656-3306-203F	656-3306-304F	656-3306-204F	● Yellow		19	1080
656-3356-303F	656-3356-203F	656-3356-304F	656-3356-204F	● Orange		19	4400
656-3406-303F	656-3406-203F	656-3406-304F	656-3406-204F	● Blue		18	640
656-3008-303F	656-3008-203F	656-3008-304F	656-3008-204F	○ White	37.5 (VDC)		660
656-3108-303F	656-3108-203F	656-3108-304F	656-3108-204F	● Red			410
656-3208-303F	656-3208-203F	656-3208-304F	656-3208-204F	● Green			800
656-3308-303F	656-3308-203F	656-3308-304F	656-3308-204F	● Yellow			390
656-3358-303F	656-3358-203F	656-3358-304F	656-3358-204F	● Orange			2000
656-3408-303F	656-3408-203F	656-3408-304F	656-3408-204F	● Blue			220
656-310A-303F	—	656-310A-304F	—	● Red	48 (VDC)	10	410
656-320A-303F	—	656-320A-304F	—	● Green			800
656-330A-303F	—	656-330A-304F	—	● Yellow			390
656-3007-303F	656-3007-203F	656-3007-304F	656-3007-204F	○ White	72 (VDC)		660
656-3107-303F	656-3107-203F	656-3107-304F	656-3107-204F	● Red			410
656-3207-303F	656-3207-203F	656-3207-304F	656-3207-204F	● Green			800
656-3307-303F	656-3307-203F	656-3307-304F	656-3307-204F	● Yellow			390
656-3357-303F	656-3357-203F	656-3357-304F	656-3357-204F	● Orange			2000
656-3407-303F	656-3407-203F	656-3407-304F	656-3407-204F	● Blue			220
656-3005-303F	—	656-3005-304F	—	○ White	120 (VAC/VDC)	5	660
656-3105-303F	—	656-3105-304F	—	● Red			410
656-3205-303F	—	656-3205-304F	—	● Green			800
656-3305-303F	—	656-3305-304F	—	● Yellow			390
656-3355-303F	—	656-3355-304F	—	● Orange			610
656-3405-303F	—	656-3405-304F	—	● Blue			220
656-3009-303F	—	656-3009-304F	—	○ White	230 (VAC)	3	660
656-3109-303F	—	656-3109-304F	—	● Red			410
656-3209-303F	—	656-3209-304F	—	● Green			800
656-3309-303F	—	656-3309-304F	—	● Yellow			390
656-3359-303F	—	656-3359-304F	—	● Orange			610
656-3409-303F	—	656-3409-304F	—	● Blue			220



Dimensions

inches [mm]



Certifications & Ratings

- RoHS compliant
- NEMA 4X
- IP67

Application

The 657 Series LED Panel Mount Indicators are designed with a highly durable watertight housing. These indicators are designed for a variety of applications such as:

- Electrical control panels
- Wastewater treatment controls
- Buses and transit vehicles dashboards
- Agricultural and construction equipment dashboards
- Aircraft and military vehicles dashboards
- Status Indication on industrial equipment

... and many more!

Mechanical Information

Mounting Hole Size: 0.687" (17.46 mm)

Max Panel Thickness: 0.350" (8.89 mm)

Mounting Torque: 15 in-lbs

Specifications

Voltage Options: 5, 12, & 24 VDC
(no resistor required)

Operating Temp: -35 °C to +65 °C
(-31 °F to +149 °F)

Storage Temp: -40 °C to +100 °C
(-40 °F to +212 °F)

Electrical Connection: 18 AWG anti-capillary wire

Housing: Polycarbonate (UL 94V-0)

Lens Material: Polycarbonate (UL 94V-0)

Wire Leads: 6"

Lock Washer: White Nickel Plated Bronze

Nut: White Nickel Plated Brass



Ordering Information 657 Series

Flat

Part Number			LED Color	Curr. (mA)	Typical Intensity (mcd)
5 VDC	12 VDC	24 VDC			

White Diffused Lens

657-1002-303F	657-1003-303F	657-1004-303F	○ White	20	150
657-1502-303F	657-1503-303F	657-1504-303F	● Red		150
657-1602-303F	657-1603-303F	657-1604-303F	● Green		160
657-1702-303F	657-1703-303F	657-1704-303F	● Yellow		100
657-1802-303F	657-1803-303F	657-1804-303F	● Blue		75
657-1902-303F	657-1903-303F	657-1904-303F	● Orange		150

Tinted Diffused Lens

657-1502-103F	657-1503-103F	657-1504-103F	● Red	20	650
657-1602-103F	657-1603-103F	657-1604-103F	● Green		1150
657-1702-103F	657-1703-103F	657-1704-103F	● Yellow		550
657-1802-103F	657-1803-103F	657-1804-103F	● Blue		200
657-1902-103F	657-1903-103F	657-1904-103F	● Orange		700

Domed

Part Number			LED Color	Curr. (mA)	Typical Intensity (mcd)
5 VDC	12 VDC	24 VDC			

White Diffused Lens

657-2002-303F	657-2003-303F	657-2004-303F	○ White	20	85
657-2502-303F	657-2503-303F	657-2504-303F	● Red		115
657-2602-303F	657-2603-303F	657-2604-303F	● Green		150
657-2702-303F	657-2703-303F	657-2704-303F	● Yellow		115
657-2802-303F	657-2803-303F	657-2804-303F	● Blue		70
657-2902-303F	657-2903-303F	657-2904-303F	● Orange		100

Tinted Diffused Lens

657-2502-103F	657-2503-103F	657-2504-103F	● Red	20	900
657-2602-103F	657-2603-103F	657-2604-103F	● Green		1600
657-2702-103F	657-2703-103F	657-2704-103F	● Yellow		1250
657-2802-103F	657-2803-103F	657-2804-103F	● Blue		250
657-2902-103F	657-2903-103F	657-2904-103F	● Orange		1500

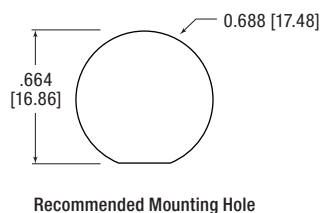
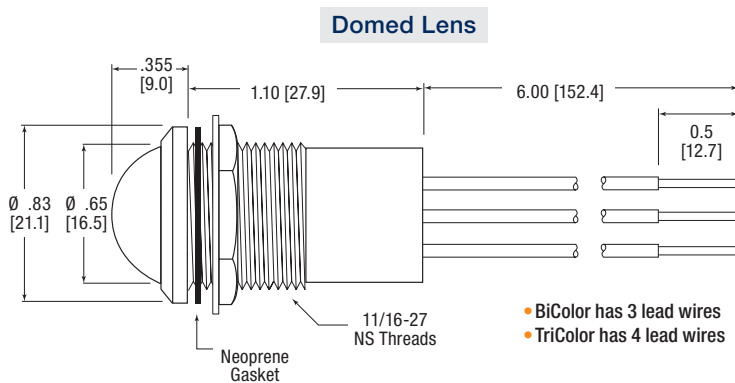
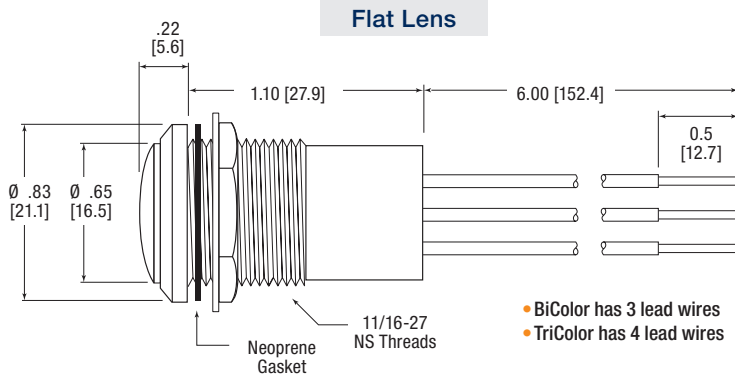
Part Number Guide										RoHS Compliant	
6	5	7	-	X	X	X	-	X	0	3	F
Lens Style			LED Color		Voltage		Lens Color				
Flat	1	 White	0	0	2	5VDC	1	Tinted Diffused*			
Domed	2	 Red	5	0	3	12VDC	3	White Diffused			
		 Green	6	0	4	24VDC		* will be same as LED color			
		 Yellow	7	0							
		 Blue	8	0							
		 Orange	9	0							

657 Bi- and Tri-Color Series Watertight Series Panel Mount Indicators



Dimensions

inches [mm]



Certifications & Ratings

- RoHS compliant
- NEMA 4X
- IP67

Application

The 657 Series LED Panel Mount Indicators are designed with a highly durable watertight housing. These indicators are designed for a variety of applications such as:

- Electrical control panels
- Wastewater treatment controls
- Buses and transit vehicles dashboards
- Agricultural and construction equipment dashboards
- Aircraft and military vehicles dashboards
- Status Indication on industrial equipment

... and many more!

Mechanical Information

Mounting Hole Size: 0.687" (17.46 mm)

Max Panel Thickness: 0.350" (8.89 mm)

Mounting Torque: 15 in-lbs

Specifications

Voltage Options: 10-30 VDC (no resistor required)

Operating Temp: -40 °C to +85 °C
(-40 °F to +185 °F)

Storage Temp: -40 °C to +100 °C
(-40 °F to +212 °F)

Electrical Connection: 18 AWG anti-capillary wire, Common Cathode

Housing: Polycarbonate (UL 94V-0)

Lens Material: Polycarbonate (UL 94V-0)

Wire Leads: 6" — Wire color is the same color as LED color; Black wire is common ground

Lock Washer: White Nickel Plated Bronze

Nut: White Nickel Plated Brass



Ordering Information 657 Series

Flat

Part Number	LED Color	Lens Color	Typ. IF (mA)	Typ. VF (VDC)	Typical Intensity (mcd)
657-1415-303F	Red	White Diffused	20	10–30	270
	Green				515
657-1425-303F	Red				270
	Blue				90
657-1435-303F	Green				515
	Yellow				310
657-1455-303F	Red				270
	Yellow				310
657-1465-303F	Green				515
	Blue				90
657-1485-303F	Red				270
	Green				515
	Blue				90
657-1495-303F	Red				270
	Green				515
	Yellow				310

Part Number Guide

Part Number Guide											RoHS Compliant	
6	5	7	-	X	X	X	5	-	3	0	3	F
Lens Style				LED Color		Voltage		Lens Color				
Flat	1	 Red	4	1	5	10-30 VDC	3	White Diffused				
Domed	2	 Green										
		 Red	4	2								
		 Blue										
		 Green	4	3								
		 Yellow										
		 Red	4	5								
		 Yellow										
		 Green	4	6								
		 Blue										
		 Red										
		 Green	4	8								
		 Blue										
		 Red										
		 Green	4	9								
		 Yellow										

Domed

Part Number	LED Color	Lens Color	Typ. IF (mA)	Typ. VF (VDC)	Typical Intensity (mcd)
657-2415-303F	Red	White Diffused	20	10–30	255
	Green				500
657-2425-303F	Red				255
	Blue				90
657-2435-303F	Green				500
	Yellow				260
657-2455-303F	Red				255
	Yellow				260
657-2465-303F	Green				500
	Blue				90
657-2485-303F	Red				255
	Green				500
	Blue				90
657-2495-303F	Red				255
	Green				500
	Yellow				260

Watertight Right Angle Panel Mount Indicators



Certifications & Ratings

- RoHS compliant
- NEMA 4X
- IP67

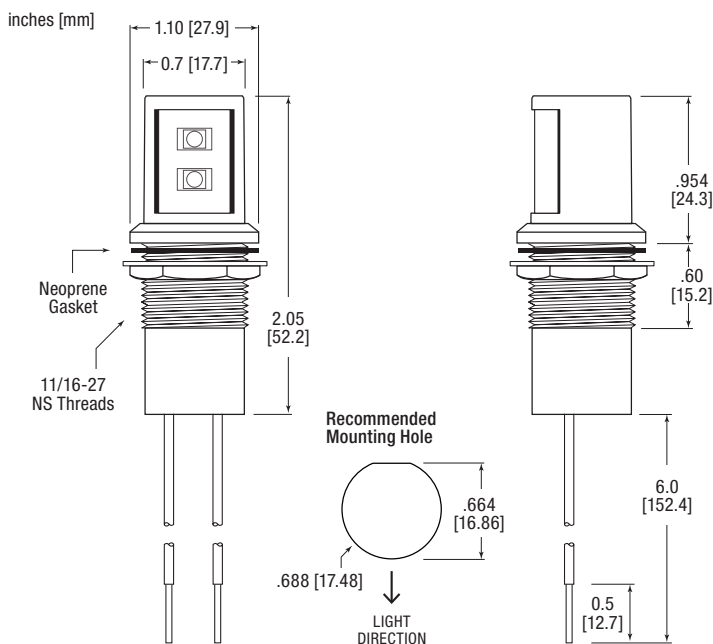
Application

The 657 Series LED Panel Mount Indicators are designed with a highly durable watertight housing. These indicators are designed for a variety of applications such as:

- Instrument Panels
- Gauge
- Dash Boards
- Storage Compartments
- Control Panels

... and many more!

Dimensions



Mechanical Information

Mounting Hole Size: 0.687" (17.46 mm)

Max Panel Thickness: 0.350" (8.89 mm)

Mounting Torque: 15 in-lbs

Specifications

Voltage Options: 12–32 VDC (no resistor required)

Operating Temp: -35 °C to +65 °C (-31 °F to +149 °F)

Storage Temp: -40 °C to +100 °C (-40 °F to +212 °F)

Electrical

Connection: 18 AWG anti-capillary wire

Housing: Polycarbonate (UL 94V-0)

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

Wire Leads: 6"

Lock Washer: White Nickel Plated Bronze

Nut: White Nickel Plated Brass

Ordering Information 657 Series

Part Number	Color	Voltage (V DC)	Current (mA)	Intensity Typ. (mcd)
657-3009-213F	○ Cool White	12–32	24	2700
657-3009-804F	● Red			1850
657-3009-803F	● Green			2600
657-3009-808F	● Orange			3500
657-3009-806F	● Blue			600



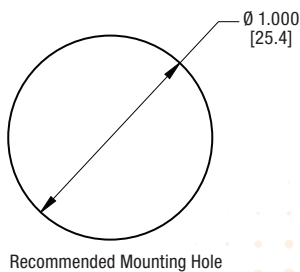
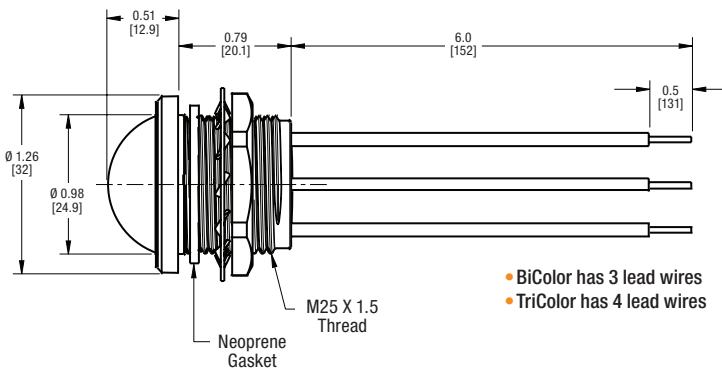
658 Bi- and Tri-Color Series Watertight Series Panel Mount Indicators



Dimensions

inches [mm]

Domed Lens



Certifications & Ratings

- RoHS compliant
- NEMA 4X
- IP67

Application

The 658 Series LED Panel Mount Indicators are designed with a highly durable watertight housing. These indicators are designed for a variety of applications such as:

- Electrical control panels
- Wastewater treatment controls
- Buses and transit vehicles dashboards
- Agricultural and construction equipment dashboards
- Aircraft and military vehicles dashboards
- Status Indication on industrial equipment

... and many more!

Mechanical Information

Mounting Hole Size: 1.000" (25.40 mm)

Max Panel Thickness: 0.350" (8.89 mm)

Mounting Torque: 15 in-lbs

Specifications

Voltage Options: 12-30 VDC (no resistor required)

Operating Temp: -40 °C to +85 °C
(-40 °F to +185 °F)

Storage Temp: -40 °C to +100 °C
(-40 °F to +212 °F)

Electrical

Connection: 18 AWG anti-capillary wire
Common Cathode

Housing: Polycarbonate (UL 94V-0)

Lens Material: Polycarbonate (UL 94V-0)

Wire Leads: 6" — Wire color is the same color as LED color; Black wire is common ground

Lock Washer: White Nickel Plated Bronze

Nut: White Nickel Plated Brass

Ordering Information 658 Series

Part Number Guide											RoHS Compliant	
6	5	8	-	X	X	X	-	3	0	3	F	
Lens Style				LED Color		Voltage		Lens Color				
Domed	2	Red Green	4	1	5	12-30 VDC	3	White Diffused				
		Red	4	2								
		Blue										
		Green	4	3								
		Yellow										
		Red	4	5								
		Yellow										
		Green	4	6								
		Blue										
		Red										
		Green	4	8								
		Blue										
		Red										
		Green	4	9								
		Yellow										

Domed

Part Number	LED Color	Lens Color	Typ. IF (mA)	Typ. VF (VDC)	Typical Intensity (mcd)
658-2415-303F	Red	White Diffused	20	12-30	1000
	Green				2100
658-2425-303F	Red				1000
	Blue				400
658-2435-303F	Green				2100
	Yellow				1000
658-2455-303F	Red				1000
	Yellow				1000
658-2465-303F	Green				2100
	Blue				400
658-2485-303F	Red				1000
	Green				2100
	Blue				400
658-2495-303F	Red				1000
	Green				2100
	Yellow				1000



Certifications & Ratings

- RoHS compliant

Application

The 675 Series LED Panel Mount Indicators are designed for a variety of applications such as:

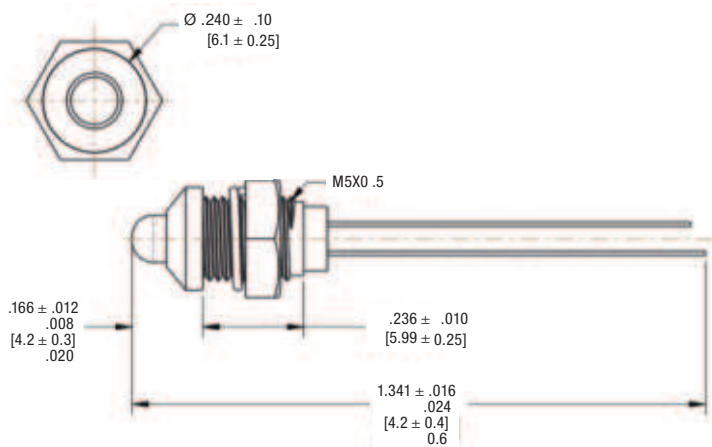
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

... and many more!

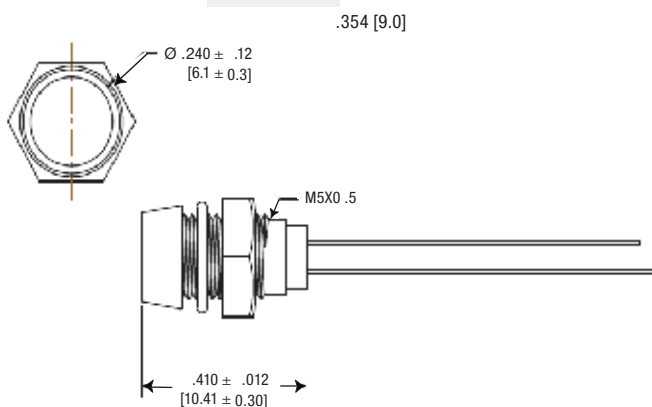
Dimensions

inches [mm]

Protruding



Recessed



Mechanical Information

Mounting Hole Size:	0.205" (5.2 mm)
Max Panel Thickness:	0.138" (3.5 mm)
Mounting Torque:	0.362 lbs/ft (5 kg/cm)

Specifications

Voltage Options:	2 (red, orange) and 3.3 (green, blue, white) VDC (resistor required on both voltages)
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:	Through hole leads
Housing:	Brass—Chrome plated
Terminals:	Copper—Nickel Plated
Lock washer:	Iron—Nickel Plated
Nut:	Brass—Nickel Plated

Ordering Information 675 Series

Part Number Guide											RoHS Compliant		
6	7	5	-	X	X	1	1	-	1	1	0	F	
LED Position					Color								
Protruding					1	1	Red						
					2	2	Green						
Recessed					3	Orange							
					4	Blue							
					5	White							

Part Number	Color	Voltage (V DC)	Current (mA)	Typical Intensity (mcd)
-------------	-------	----------------	--------------	-------------------------

Protruding

675-1111-110F	Red	2	20	9110
675-1211-110F	Green	3.3		11380
675-1311-110F	Orange	2		9110
675-1411-110F	Blue	3.3		2810
675-1511-110F	White	3.3		5100

Recessed

675-2111-110F	Red	2	20	5650
675-2211-110F	Green	3.3		11520
675-2311-110F	Orange	2		7810
675-2411-110F	Blue	3.3		3810
675-2511-110F	White	3.3		6220



Certifications & Ratings

- RoHS compliant

Application

The 676 Series LED Panel Mount Indicators are designed for a variety of applications such as:

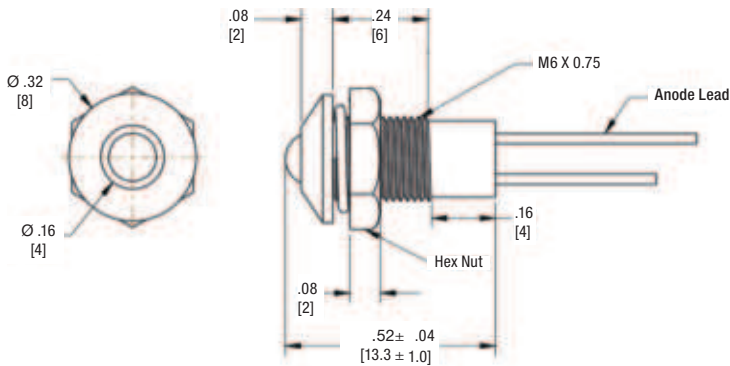
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

... and many more!

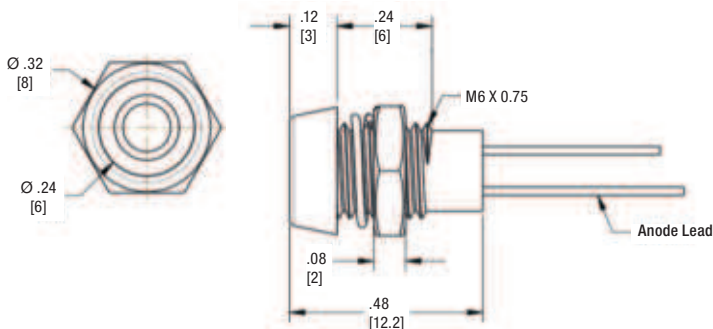
Dimensions

inches [mm]

Protruding



Recessed



Mechanical Information

Mounting Hole Size: 0.244" (6.2mm)

Max Panel Thickness: 0.138" (3.5mm)

Mounting Torque: 0.362 lbs/ft (5 kg/cm)

Specifications

Voltage Options: 2 (red, orange) and 3.3 (green, blue, white) VDC (resistor required on both voltages)

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: Through hole leads

Housing: Brass — Chrome Plated

Terminals: Copper — Nickel Plated

Lock washer: Iron — Nickel Plated

Nut: Brass — Nickel Plated



Ordering Information 676 Series

Part Number	Color	Voltage (V DC)	Current (mA)	Typical Intensity* (mcd)
-------------	-------	----------------	--------------	--------------------------

Protruding

676-1111-110F	● Red	2	20	7720
676-1211-110F	● Green	3.3		10100
676-1311-110F	● Orange	2		7810
676-1411-110F	● Blue	3.3		2980
676-1511-110F	○ White	3.3		6150

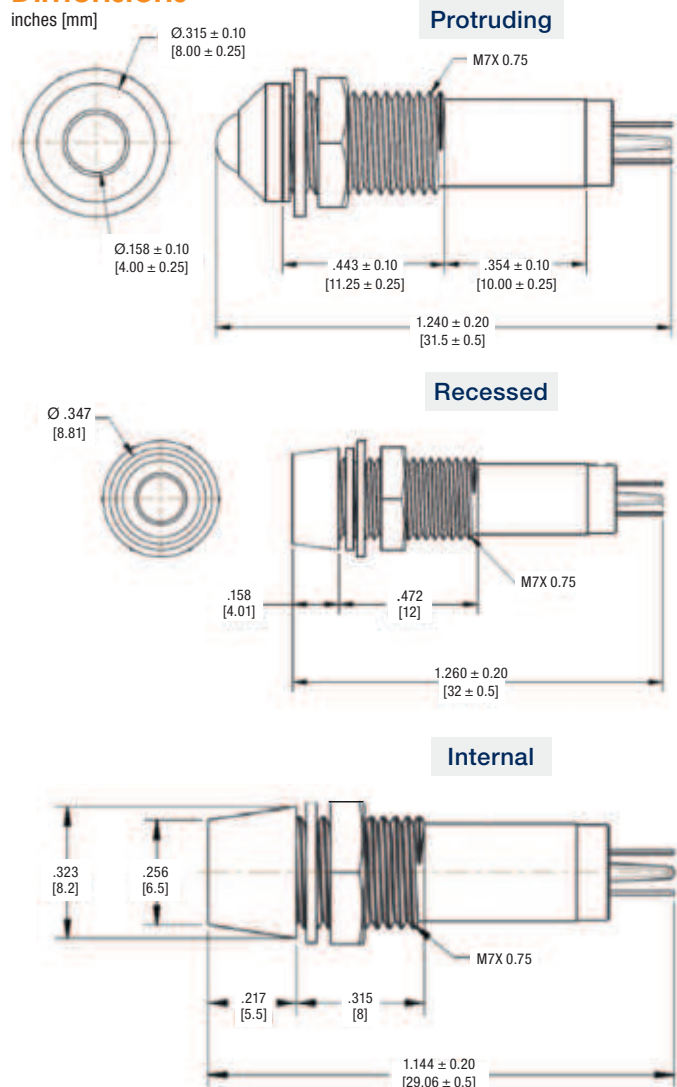
Recessed

676-2111-110F	● Red	2	20	5650
676-2211-110F	● Green	3.3		11520
676-2311-110F	● Orange	2		7810
676-2411-110F	● Blue	3.3		3810
676-2511-110F	○ White	3.3		6220





Dimensions



These indicators are un-polarized

Certifications & Ratings

- RoHS compliant
- NEMA 4X (with gasket)
- IP66 (with gasket)

Application

The 677 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

... and many more!

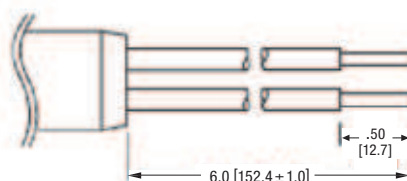
Mechanical Information

Mounting Hole Size:	0.283" (7.2 mm)
Max Panel Thickness:	See part numbers
Mounting Torque:	0.362 lbs/ft (5 kg/cm) 0.217 lbs/ft or 3 kg/cm (Figure 3)

Specifications

Voltage Options:	6, 12 & 24 VDC (no resistor required)
Operating Temp:	-20 °C to +75 °C (-4 °F to +167 °F)
Storage Temp:	-40 °C to +100 °C (-40 °F to +212 °F)
Electrical Connection:	Solder terminals and 6" wire leads
Housing:	Protruding position: Brass—Chrome or Black Plated Recessed position: Brass—Chrome Plated Internal position: Polycarbonate
Terminals:	Copper—Nickel Plated
Lock Washer:	Iron—Nickel Plated
Nut:	Brass—Nickel Plated

6" Wire Leads



Protruding Lens

Chrome Plated Brass Housing		Black Plated Brass Housing		Color	Voltage (V DC)	Current (mA)	Intensity Typ. (mcd)	Panel Thickness
Terminals	Wire Leads	Terminals	Wire Leads					
677-1112-321F	677-1115-321F	677-1122-321F	677-1125-321F	● Red	6	15	825	0.265" (6.75 mm)
677-1212-322F	677-1215-322F	677-1222-322F	677-1225-322F	● Green			4135	
677-1312-323F	677-1315-323F	677-1322-323F	677-1325-323F	● Orange			560	
677-1412-324F	677-1415-324F	677-1422-324F	677-1425-324F	● Blue			700	
677-1112-331F	677-1115-331F	677-1122-331F	677-1125-331F	● Red	12		825	
677-1212-332F	677-1215-332F	677-1222-332F	677-1225-332F	● Green			4135	
677-1312-333F	677-1315-333F	677-1322-333F	677-1325-333F	● Orange			560	
677-1412-334F	677-1415-334F	677-1422-334F	677-1425-334F	● Blue			700	
677-1112-341F	677-1115-341F	677-1122-341F	677-1125-341F	● Red	24		825	
677-1212-342F	677-1215-342F	677-1222-342F	677-1225-342F	● Green			4135	
677-1312-343F	677-1315-343F	677-1322-343F	677-1325-343F	● Orange			560	
677-1412-344F	677-1415-344F	677-1422-344F	677-1425-344F	● Blue			700	

Recessed Lens

Chrome Plated Brass Housing		Color	Voltage (V DC)	Current (mA)	Intensity Typ. (mcd)	Panel Thickness
Terminals	Wire Leads					
677-2112-321F	677-2115-321F	● Red	6	15	925	0.336" (8.50 mm)
677-2212-322F	677-2215-322F	● Green			4135	
677-2312-323F	677-2315-323F	● Orange			600	
677-2412-324F	677-2415-324F	● Blue			730	
677-2112-331F	677-2115-331F	● Red	12		925	
677-2212-332F	677-2215-332F	● Green			4135	
677-2312-333F	677-2315-333F	● Orange			600	
677-2412-334F	677-2415-334F	● Blue			730	
677-2112-341F	677-2115-341F	● Red	24		925	
677-2212-342F	677-2215-342F	● Green			4135	
677-2312-343F	677-2315-343F	● Orange			600	
677-2412-344F	677-2415-344F	● Blue			730	

Internal Lens - Polycarbonate Housing

Part Number	Part Number	Color	Voltage (V DC)	Current (mA)	Intensity Typ. (mcd)	Panel Thickness
Terminals	Wire Leads					
677-3132-321F	677-3135-321F	Red	6	15	1370	0.187" (4.75 mm)
677-3232-322F	677-3235-322F	Green			5500	
677-3332-323F	677-3335-323F	Orange			1280	
677-3432-324F	677-3435-324F	Blue			1200	
677-3132-331F	677-3135-331F	Red	12		1370	
677-3232-332F	677-3235-332F	Green			5500	
677-3332-333F	677-3335-333F	Orange			1280	
677-3432-334F	677-3435-334F	Blue			1200	
677-3132-341F	677-3135-341F	Red	24		1370	
677-3232-342F	677-3235-342F	Green			5500	
677-3332-343F	677-3335-343F	Orange			1280	
677-3432-344F	677-3435-344F	Blue			1200	

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Dimensions

inches [mm]

Figure 1

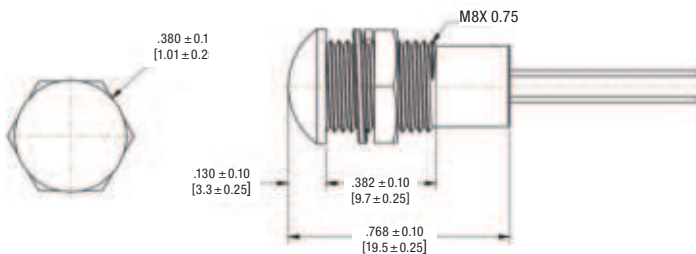


Figure 2

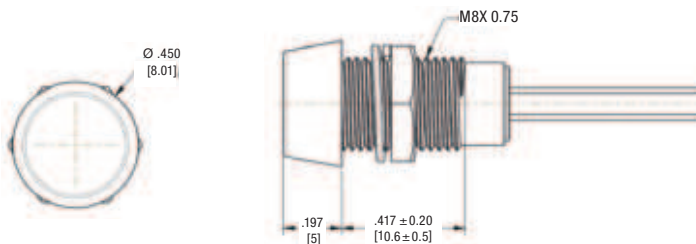
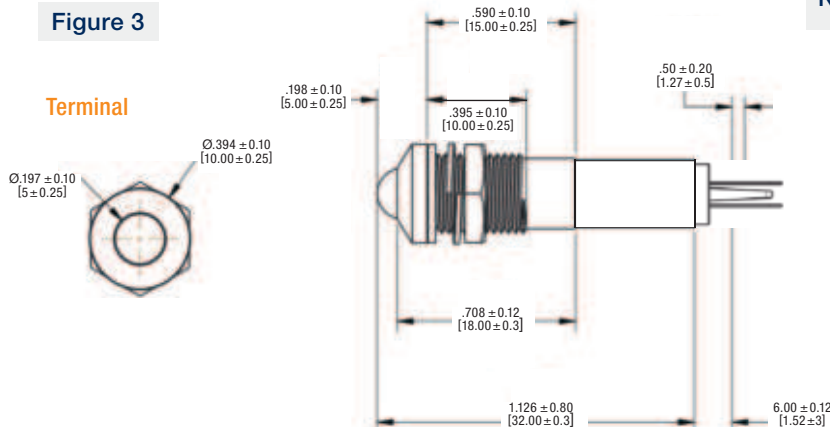


Figure 3



Terminal

Wire Lead

Certifications & Ratings

- RoHS compliant
- IP66 (protruding type only)

Application

The 678 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation
- ... and many more!

Mechanical Information

Mounting Hole Size: 0.323" (8.2 mm) [Fig. 1 & 2];
0.335" (8.5 mm) [Fig. 3]

Max Panel Thickness: see part number table

Mounting Torque: 0.271 lbs/ft (3 kg/cm) [Fig. 1 & 2]
0.362 lbs/ft (5 kg/cm) torque [Fig. 3]

Specifications

Operating Voltage: 2 & 3.3 VDC [Fig. 1 & 2]; 6, 12 & 24 VDC [Fig. 3] (no resistor required)

Operating Temp: -20 °C to +75 °C (-4 °F to 167 °F)

Storage Temp: -40 °C to +100 °C (-40 °F to 212 °F)

Electrical Connection: Straight leads [Fig. 1 & 2]; Solder terminals or 6" wire leads [Fig. 3]

Housing: Protruding: Chrome plated brass;
Internal position: Polycarbonate

Terminals: Copper — Nickel Plated

Lock Washer: Iron — Nickel Plated

Nut: Brass — Nickel Plated

Metal housing indicators are un-polarized

Ordering Information 678

Part Number	Color	Voltage (V DC)	Current (mA)	Typical Intensity (mcd)	Viewing Angle	LED Position	Fig. #	Mount Style	Panel Thickness
Straight Leads									

Polycarbonate

678-1131-111F	Red	2	15	2210	4	Internal	1	Lock washer & nut	.2165" (5.5 mm)
678-1231-112F	Green	3.3		46860					
678-1331-113F	Orange	2		2210					
678-1431-114F	Blue	3.3		7100					
678-3131-111F	Red	2		3020	40		2		
678-3231-112F	Green	3.3		30600	20				
678-3331-113F	Orange	2		3260	20				
678-3431-114F	Blue	3.3		4360	40				

White Nickel

Part Numbers	Part Numbers	Color	Voltage (V DC)	Current (mA)	Typical Intensity (mcd)	Viewing Angle	LED Position	Fig. #	Mount Style	Panel Thickness
Terminals	Wire Leads									
678-1112-321F	678-1115-321F	● Red	6	15	320	20	Protruding	3	Lock washer & nut	.3158" (8.0 mm)
678-1212-322F	678-1215-322F	● Green			2920					
678-1312-323F	678-1315-323F	● Orange			490					
678-1412-324F	678-1415-324F	● Blue			220					
678-1112-331F	678-1115-331F	● Red	12		320					
678-1212-332F	678-1215-332F	● Green			2920					
678-1312-333F	678-1315-333F	● Orange			490					
678-1412-334F	678-1415-334F	● Blue			220					
678-1112-341F	678-1115-341F	● Red	24		320					
678-1212-342F	678-1215-342F	● Green			2920					
678-1312-343F	678-1315-343F	● Orange			490					
678-1412-344F	678-1415-344F	● Blue			220					



Certifications & Ratings

- RoHS compliant
- NEMA 4X (with gasket)
- IP66 (with gasket)

Application

The 679 Series LED Panel Mount Indicators are designed for a variety of applications such as:

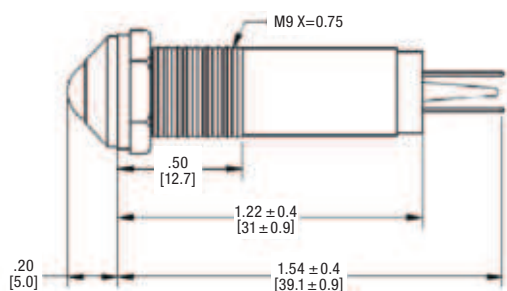
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

... and many more!

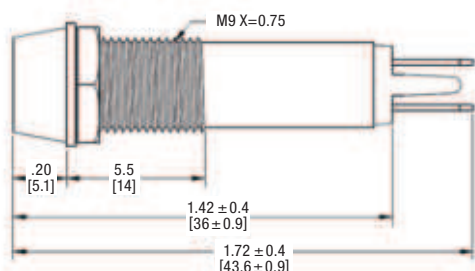
Dimensions

inches [mm]

Protruding



Recessed



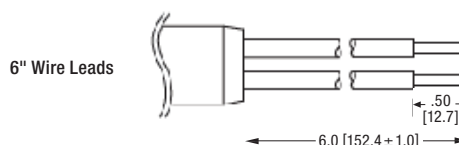
These indicators are un-polarized

Mechanical Information

Mounting Hole Size: 0.374" (9.5 mm)
Max Panel Thickness: 0.374" (9.5 mm);
 with Gasket: 0.318" (8.0 mm)
Mounting Torque: 0.362 lbs/ft (5 kg/cm)

Specifications

Voltage Options: 6, 12 & 24 V DC (no resistor required)
Operating Temp: -20°C to +75°C (-4°F to +167°F)
Storage Temp: -40°C to +100°C (-40°F to +212°F)
Electrical Connection: Solder terminals, 6" wire leads
Housing: Brass—Chrome or Black Plated
Terminals: Copper—Nickel Plated
Lock washer: Iron—Nickel Plated
Nut: Brass—Nickel Plated



Ordering Information 679 Series

Part Number Guide

RoHS Compliant

LED Position		Termination		Lens Color*	
Protruding	1	2 Solder Terminals	1	Red	
Recessed	2	5 6" Wire Leads	2	Green	
			3	Orange	
			4	Blue	
				* Lens color same as LED color	
LED Color		Plating		Voltage	
Red	1	1 Chrome		2	6VDC
Green	2	2 Black		3	12VDC
Orange	3			4	24VDC
Blue	4				

Protruding LED

Part Number / Termination		Color	Voltage (V DC)	Current (mA)	Intensity Typ. (mcd)	Plating	
Solder Terminals	6" Wire Leads						
679-1112-321F	679-1115-321F	Red	6	15	485	Chrome	
679-1212-322F	679-1215-322F	Green			5870		
679-1312-323F	679-1315-323F	Orange			1570		
679-1412-324F	679-1415-324F	Blue			215		
679-1112-331F	679-1115-331F	Red	12		485		Chrome
679-1212-332F	679-1215-332F	Green			5870		
679-1312-333F	679-1315-333F	Orange			1570		
679-1412-334F	679-1415-334F	Blue			215		
679-1112-341F	679-1115-341F	Red	24		485	Chrome	
679-1212-342F	679-1215-342F	Green			5870		
679-1312-343F	679-1315-343F	Orange			1570		
679-1412-344F	679-1415-344F	Blue			215		
679-1122-321F	679-1125-321F	Red	6		485		Black
679-1222-322F	679-1225-322F	Green			5870		
679-1322-323F	679-1325-323F	Orange			1570		
679-1422-324F	679-1425-324F	Blue			215		
679-1122-331F	679-1125-331F	Red	12		485	Black	
679-1222-332F	679-1225-332F	Green			5870		
679-1322-333F	679-1325-333F	Orange			1570		
679-1422-334F	679-1425-334F	Blue			215		
679-1122-341F	679-1125-341F	Red	24		485		Black
679-1222-342F	679-1225-342F	Green			5870		
679-1322-343F	679-1325-343F	Orange			1570		
679-1422-344F	679-1425-344F	Blue			215		

Recessed LED

Part Number / Termination		Color	Voltage (V DC)	Current (mA)	Intensity Typ. (mcd)	Plating		
Solder Terminals	6" Wire Leads							
679-2112-321F	679-2115-321F	Red	6	15	775	Chrome		
679-2212-322F	679-2215-322F	Green			5870			
679-2312-323F	679-2315-323F	Orange			1570			
679-2412-324F	679-2415-324F	Blue			270			
679-2112-331F	679-2115-331F	Red	12		775		Chrome	
679-2212-332F	679-2215-332F	Green			5870			
679-2312-333F	679-2315-333F	Orange			1570			
679-2412-334F	679-2415-334F	Blue			270			
679-2112-341F	679-2115-341F	Red	24		775	Black		
679-2212-342F	679-2215-342F	Green			5870			
679-2312-343F	679-2315-343F	Orange			1570			
679-2412-344F	679-2415-344F	Blue			270			
679-2122-321F	679-2125-321F	Red	6		775		Black	
679-2222-322F	679-2225-322F	Green			5870			
679-2322-323F	679-2325-323F	Orange			1570			
679-2422-324F	679-2425-324F	Blue			270			
679-2122-331F	679-2125-331F	Red	12		775			Black
679-2222-332F	679-2225-332F	Green			5870			
679-2322-333F	679-2325-333F	Orange			1570			
679-2422-334F	679-2425-334F	Blue			270			
679-2122-341F	679-2125-341F	Red	24		775		Black	
679-2222-342F	679-2225-342F	Green			5870			
679-2322-343F	679-2325-343F	Orange			1570			
679-2422-344F	679-2425-344F	Blue			270			

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Certifications & Ratings

- RoHS compliant

Application

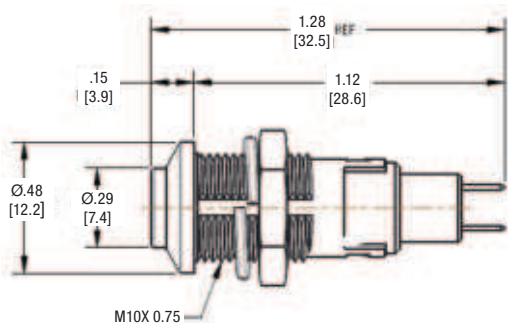
The 680 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Main power indication
 - Remote power indication
 - Status indication
 - Maintenance and warning indication
 - Instrumentation
- ... and many more!

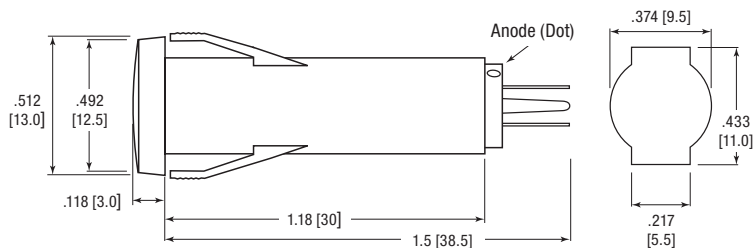
Dimensions

inches [mm]

Standard



Snap-in



6" Wire Leads



These indicators are un-polarized

Mechanical Information

Mounting Hole Size: 0.413" (10.5 mm) (Standard)
Snap-in, see drawing

Max Panel Thickness: 0.236" (6.0 mm) (Standard);
0.098" (2.49 mm) (Snap-in)

Mounting Torque: 0.217 lbs/ft (3 kg/cm) (Standard)

Specifications

Voltage Options: 6, 12, & 24 VDC (no resistor required)

Operating Temp: -20 °C to +75 °C (-4 °F to +167 °F)

Storage Temp: -40 °C to +100 °C (-40 °F to +212 °F)

Electrical Connection: Solder terminals, 6" wire leads

Housing: Polycarbonate

Terminals: Copper—Nickel Plated

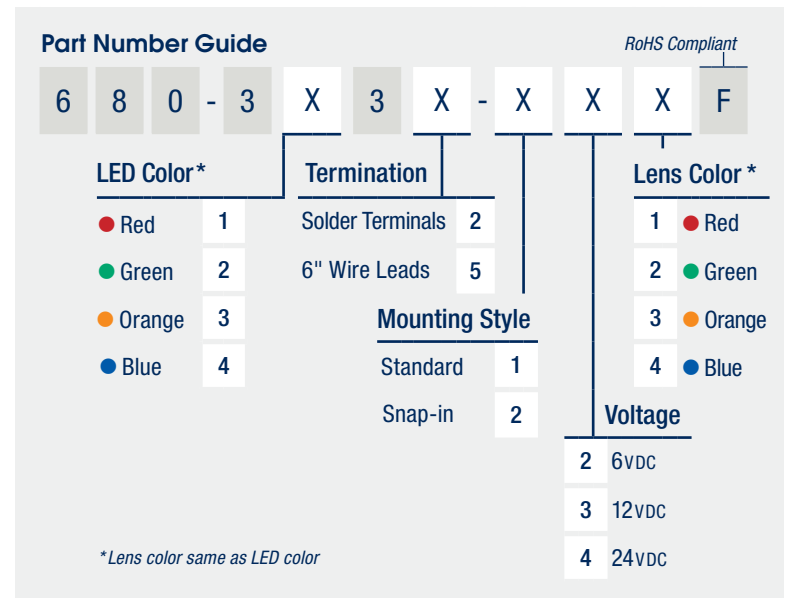
Lock Washer: Iron—Nickel Plated

Nut: Brass—Nickel Plated





Ordering Information 680 Series



Dialight P/N			Color	Current (mA)	Typical Intensity (mcd)	Panel Thickness	Termination
6 VDC	12 VDC	24 VDC					

Standard

680-3132-121F	680-3132-131F	680-3132-141F	Red	15	1530	0.236" (6.0mm)	Solder Terminals
680-3232-122F	680-3232-132F	680-3232-142F	Green		4330		
680-3332-123F	680-3332-133F	680-3332-143F	Orange		1455		
680-3432-124F	680-3432-134F	680-3432-144F	Blue		245		
680-3135-121F	680-3135-131F	680-3135-141F	Red		1530	0.236" (6.0mm)	Wire Leads
680-3235-122F	680-3235-132F	680-3235-142F	Green		4330		
680-3335-123F	680-3335-133F	680-3335-143F	Orange		1455		
680-3435-124F	680-3435-134F	680-3435-144F	Blue		245		

Snap-in

680-3132-221F	680-3132-231F	680-3132-241F	Red	15	335	0.098" (2.5mm)	Solder Terminals
680-3232-222F	680-3232-232F	680-3232-242F	Green		4070		
680-3332-223F	680-3332-233F	680-3332-243F	Orange		1025		
680-3432-224F	680-3432-234F	680-3432-244F	Blue		730		
680-3135-221F	680-3135-231F	680-3135-241F	Red		335	0.098" (2.5mm)	Wire Leads
680-3235-222F	680-3235-232F	680-3235-242F	Green		4070		
680-3335-223F	680-3335-233F	680-3335-243F	Orange		1025		
680-3435-224F	680-3435-234F	680-3435-244F	Blue		730		

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Certifications & Ratings

- RoHS compliant

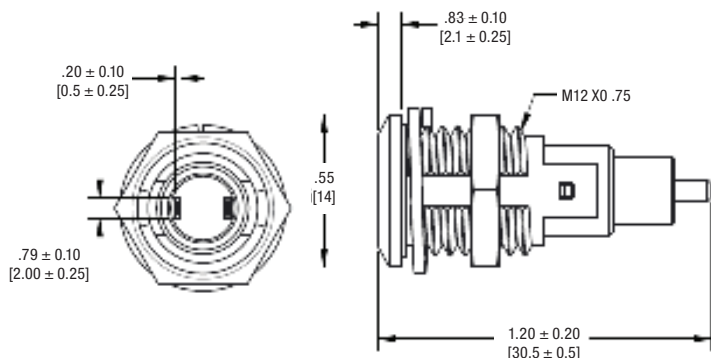
Application

The 682 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation
- ... and many more!

Dimensions

inches [mm]



These indicators are un-polarized

Mechanical Information

Mounting Hole Size: 0.492" (12.5 mm)

Max Panel Thickness: 0.236" (6.0 mm)

Mounting Torque: 0.217 lbs/ft (3 kg/cm)

Specifications

Voltage Options: 6, 12 & 24VDC (no resistor required)

Operating Temp: -20 °C to +75 °C (-4 °F to +167 °F)

Storage Temp: -40 °C to +100 °C (-40 °F to +212 °F)

Electrical Connection: Solder terminals and 6" wire leads

Housing: Polycarbonate

Terminals: Copper—Nickel Plated

Lock Washer: Iron—Nickel Plated

Nut: Brass—Nickel Plated

Ordering Information 682 Series

Part Number		Color	Voltage (V DC)	Current (mA)	Intensity Typ. (mcd)
Terminals	Wire Leads				
682-3132-121F	682-3135-121F	Red	6	15	510
682-3232-122F	682-3235-122F	Green			2225
682-3332-123F	682-3335-123F	Orange			510
682-3432-124F	682-3435-124F	Blue			260
682-3132-131F	682-3135-131F	Red	12		510
682-3232-132F	682-3235-132F	Green			2225
682-3332-133F	682-3335-133F	Orange			510
682-3432-134F	682-3435-134F	Blue			260
682-3132-141F	682-3135-141F	Red	24		510
682-3232-142F	682-3235-142F	Green			2225
682-3332-143F	682-3335-143F	Orange			510
682-3432-144F	682-3435-144F	Blue			260

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LED Based Bulbs

Quick Reference



Application

With the technological advancements in Light Emitting Diodes (LEDs) brightness can now rival the incandescent lamp when used in similar packages. These advancements have allowed for a new type of product called the Based LED, an LED with the fit and functionality of an incandescent light bulb

- High reliability - vibration and shock resistant
- Multi-chip, Cluster, and Single Ultra-Bright Chip
- AlInGaP and InGaN die technology
- Polarized and non-polarized
- Single and multi-voltage input

...and many more!

Certifications & Ratings

- RoHS compliant

Considerations

Since lens caps act as filters for the light emitted from the based LED, it is important to match the emitting color of the LED. If not matched properly, the overall light output may be substantially reduced. Dialight recommends using transparent lenses, which will optimize the light output.

- Although these lamps can be operated at a lower voltage, which will increase the life, the intensity will be reduced.
- Operation of the based LED at a higher voltage should not exceed 10% above the recommended voltage.
- Dialight does not recommend that based LED lamps be used in neon sockets.

Base Style	Configuration	Color	6 VDC	12-24 VDC	24-48 VDC	120 VAC	Polarized	6-36 VDC	ROHS Compliant
T1 3/4 Midget Flange	Single Chip	Red / Green / Yellow / Blue / White	•	•	•		Polarized		•
T1 3/4 Midget Flange	Multi Chip	Red / Green / Yellow	•	•	•		Polarized / Non-Polarized		
T1 3/4 Wedge (T5)	Single / Dual Chip	Red / Green / Yellow / Blue / White	•	•	•		Non-Polarized		•
T1 3/4 Wedge (T5)	Multi Chip	Red / Green / Yellow	•	•	•		Polarized / Non-Polarized		
T1 3/4 Bi-Pin	Single Chip	Red / Green / Yellow / Blue / White	•	•	•		Polarized		•
T1 3/4 Bi-Pin	Multi Chip	Red / Green / Yellow	•	•	•		Polarized / Non-Polarized		
T2 Telephone Slide	Single Chip	Red / Green / Yellow / Blue / White			•		Non-Polarized		•
T3 1/4 Miniature Bayonet (BA9s)	Single Chip	Red / Green / Yellow / Blue / White	•	•	•		Polarized / Non-Polarized	•	•
T3 1/4 Miniature Bayonet (BA9s)	Cluster	Red / Green / Yellow / Blue / White	•	•	•	•	Polarized / Non-Polarized		•
T3 1/4 Miniature Screw (E10)	Single Chip	Red / Green / Yellow / Blue / White	•	•	•		Non-Polarized	•	•
T3 1/4 Wedge (T10)	Cluster	Red / Green / Yellow / Blue / White	•	•	•		Non-Polarized		•
15mm Bayonet (BA15s)	Custer	Red / Green / Yellow / Blue / White		•	•		Polarized		•

Single Chip Based LED - T1 3/4 Midget Flange



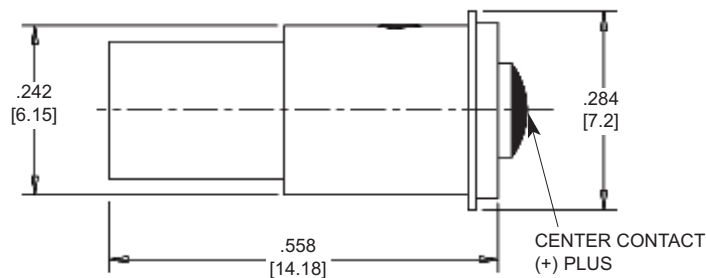
Features/Benefits:

- RoHS compliant
- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounts directly into industry standard socket
- AlInGaP and InGaN die technology
- Super bright single chip design
- No heat generated

Specifications

Base:	T1 3/4 Midget Flange
Voltage Options:	6,14, and 28 V DC
Operating Temp:	-40°C to +80°C (-40°F to +176°F)
Storage Temp:	-40°C to +100°C (-40°F to +212°F)

Dimensions



Measurements are typical
Dimension are in Inches [mm]

Part Number	Color	Peak Wavelength (nm)	Voltage (V DC)	Current Typ. (mA)	Intensity Typ. (mcd)
586-1101-101F	Red	639	6	10	775
586-1102-101F	Green	520	6	10	600
586-1103-101F	Yellow	592	6	10	775
586-1105-101F	Blue	467	6	10	210
586-1106-101F	White	*	6	10	460
586-1101-103F	Red	639	14	10	775
586-1102-103F	Green	520	14	10	600
586-1103-103F	Yellow	592	14	10	775
586-1105-103F	Blue	467	14	10	210
586-1106-103F	White	*	14	10	460
586-1101-105F	Red	639	28	10	775
586-1102-105F	Green	520	28	10	600
586-1103-105F	Yellow	592	28	10	775
586-1105-105F	Blue	467	28	10	210
586-1106-105F	White	*	28	10	460

* Color coordinates: x=0.320, y=0.320

Multi-Chip Based LED - T1 3/4 Midget Flange



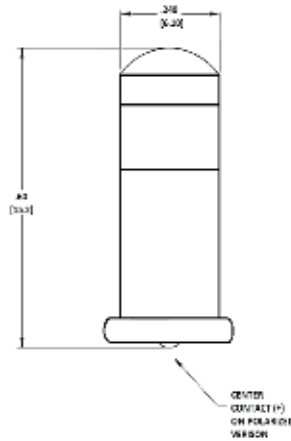
RoHS Compliant Features/Benefits

- Longer life
- Energy savings - 90% less power required
- Mounts directly into industry standard socket
- Polarized and non-polarized

Specifications

Base:	T1 3/4 Midget Flange
Voltage Options:	6, 14, and 28 V DC
Operating Temp:	-20°C to +60°C (-4°F to +140°F)
Storage Temp:	-30°C to +100°C (-22°F to +212°F)

Dimensions



Measurements are typical
Dimension are in Inches [mm]

Part Number	Color	Peak Wavelength (nm)	Voltage (V DC)	Current Typ. (mA)	Intensity Typ. (mcd)
Polarized LED Bulbs					
585-1211F	Red	660	6	50	67
585-1311F	Green	565	6	46	77
585-1411F	Yellow	585	6	44	22
585-1213F	Red	660	14	30	60
585-1313F	Green	565	14	28	70
585-1413F	Yellow	585	14	30	23
585-1215F	Red	660	28	16	64
585-1315F	Green	565	28	15	75
585-1415F	Yellow	585	28	15	23
Non-Polarized LED Bulbs					
585-1221F	Red	660	6	75	50
585-1321F	Green	565	6	67	56
585-1421F	Yellow	585	6	73	18
585-1223F	Red	660	14	26	50
585-1323F	Green	565	14	23	56
585-1423F	Yellow	585	14	24	18
585-1225F	Red	660	28	14	56
585-1325F	Green	565	28	13	65
585-1425F	Yellow	585	28	13	20



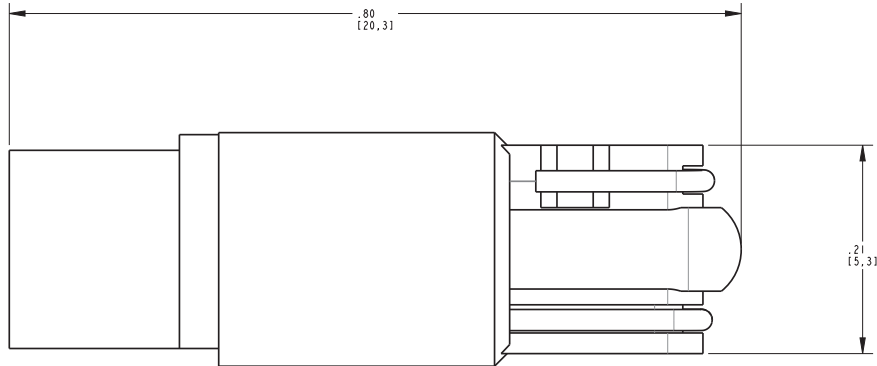
Features/Benefits

- RoHS compliant
- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounts directly into industry standard socket
- Wide 100 degree viewing angel
- No heat generated

Specifications

Base:	T1 3/4 Midget Flange
Voltage Options:	6, 14, and 28 V DC
Operating Temp:	-40°C to +80°C (-40°F to +176°F)
Storage Temp:	-40°C to +100°C (-40°F to +212°F)

Dimensions



Measurements are typical
Dimension are in Inches [mm]

Part Number	Color	Peak Wavelength (nm)	Voltage (V DC)	Current Typ.(mA)	Intensity Typ. (mcd)
586-1A01-101F	Red	630	6	16	775
586-1A02-101F	Green	526	6	16	600
586-1A03-101F	Yellow	592	6	16	775
586-1A05-101F	Blue	472	6	16	165
586-1A06-101F	White	*	6	16	460
586-1A01-103F	Red	630	14	16	775
586-1A02-103F	Green	526	14	16	600
586-1A03-103F	Yellow	592	14	16	775
586-1A05-103F	Blue	472	14	16	165
586-1A06-103F	White	*	14	16	460
586-1A01-105F	Red	630	28	16	775
586-1A02-105F	Green	526	28	16	600
586-1A03-105F	Yellow	592	28	16	775
586-1A05-105F	Blue	472	28	16	165
586-1A06-105F	White	*	28	16	460

* Color coordinates: x=0.320, y=0.320



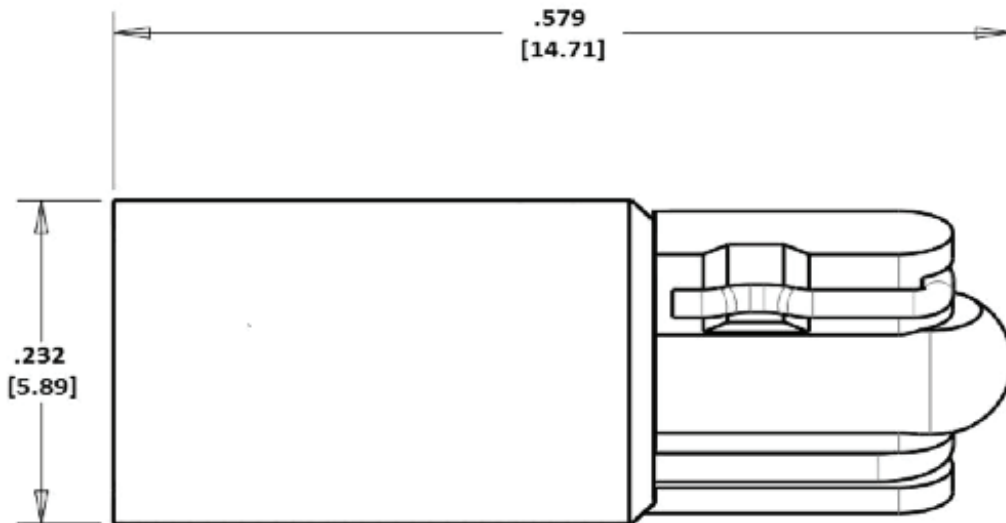
Features/Benefits

- RoHS compliant
- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Unique multi-LED design provides superior illumination
- AlInGaP and InGaN die technology
- True Non-Polarized design
- Mounts directly into industry standard socket

Specifications

Base:	T1 3/4 Wedge
Voltage Options:	6, 12, 14 and 28 V DC
Operating Temp:	-30°C to +85°C (-22°F to +185°F)
Storage Temp:	-40°C to +100°C (-40°F to +212°F)

Dimensions



Measurements are typical
Dimension are in Inches [mm]

Ordering Information

Part Number	Color	Peak Wavelength (nm)	Voltage (V DC)	Current Typ. (mA)	Intensity Typ. (mcd)
586-1201-201F	Red	615	6	35	450
586-1202-201F	Green	528	6	12	120
586-1203-201F	Yellow	587	6	35	450
586-1205-201F	Blue	470	6	12	50
586-1206-201F	White	*	6	15	320
586-1201-202F	Red	615	12	18	450
586-1202-202F	Green	528	12	8	170
586-1203-202F	Yellow	587	12	18	450
586-1205-202F	Blue	470	12	8	70
586-1206-202F	White	*	12	11	450
586-1201-203F	Red	615	14	20	500
586-1202-203F	Green	528	14	8.5	185
586-1203-203F	Yellow	587	14	20	500
586-1205-203F	Blue	470	14	8.5	75
586-1206-203F	White	*	14	12	500
586-1201-204F	Red	615	24	14	350
586-1202-204F	Green	528	24	10	215
586-1203-204F	Yellow	587	24	14	350
586-1205-204F	Blue	470	24	10	85
586-1206-204F	White	*	24	14	580
586-1201-205F	Red	615	28	14	350
586-1202-205F	Green	528	28	10	210
586-1203-205F	Yellow	587	28	14	350
586-1205-205F	Blue	470	28	10	80
586-1206-205F	White	*	28	14	540

* Color coordinates: x=0.330, y=0.330

Multi-Chip Based LED - T1 3/4 Wedge



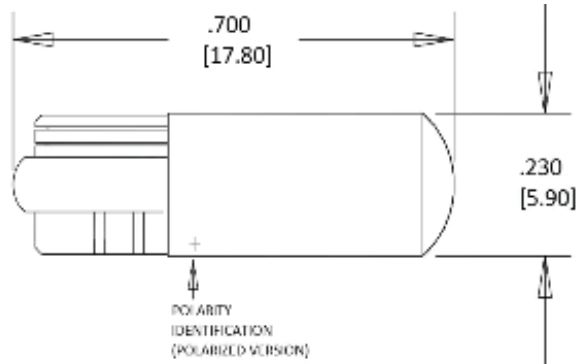
Features/Benefits:

- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounts directly into industry standard socket
- AllnGaP and InGaN die technology
- True non-polarized configurations available
- No heat generated

Specifications

Base:	T1 3/4 Wedge
Voltage Options:	6, 14, and 28 V DC
Operating Temp:	-20°C to +60°C (-4°F to +140°F)
Storage Temp:	-30°C to +100°C (-22°F to +212°F)

Dimensions



Measurements are typical
Dimension are in Inches [mm]

Part Number	Color	Peak Wavelength (nm)	Voltage (V DC)	Current Typ. (mA)	Intensity Typ. (mcd)
Polarized LED Bulbs					
585-2211F	Red	660	6	50	67
585-2311F	Green	565	6	46	77
585-2411F	Yellow	585	6	44	22
585-2213F	Red	660	14	30	60
585-2313F	Green	565	14	28	70
585-2413F	Yellow	585	14	30	23
585-2215F	Red	660	28	16	64
585-2315F	Green	565	28	15	75
585-2415F	Yellow	585	28	15	23
Non-Polarized LED Bulbs					
585-2221F	Red	660	6	75	50
585-2321F	Green	565	6	67	56
585-2421F	Yellow	585	6	73	18
585-2223F	Red	660	14	26	50
585-2323F	Green	565	14	23	56
585-2423F	Yellow	585	14	24	18
585-2225F	Red	660	28	14	56
585-2325F	Green	565	28	13	65
585-2425F	Yellow	585	28	13	20



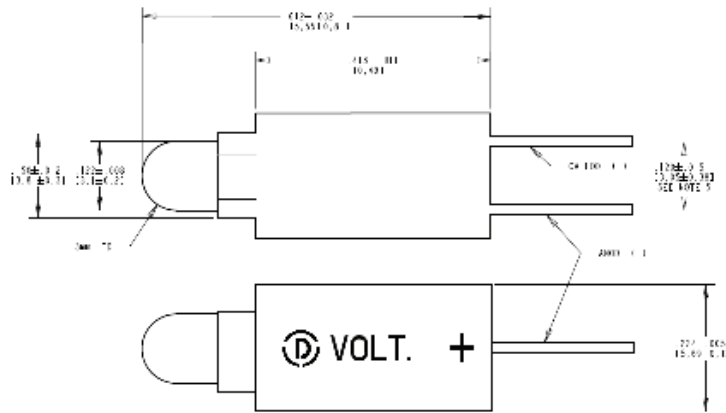
Features/Benefits:

- RoHS compliant
- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounts directly into industry standard socket
- AlInGaP and InGaN die technology
- Super bright single chip design
- No heat generated

Specifications

Voltage Options:	6, 14, and 28 V DC
Operating Temp:	-30°C to +80°C (-22°F to +176°F)
Storage Temp:	-40°C to +85°C (-40°F to +185°F)

Dimensions



Measurements are typical
Dimension are in Inches [mm]

Part Number	Color	Peak Wavelength (nm)	Voltage (V DC)	Current Typ. (mA)	Intensity Typ. (mcd)
586-1301-101F	Red	626	6	10	90
586-1302-101F	Green	525	6	10	1700
586-1303-101F	Yellow	590	6	10	110
586-1305-101F	Blue	470	6	10	500
586-1306-101F	White	*	6	10	635
586-1301-103F	Red	626	14	10	90
586-1302-103F	Green	525	14	10	1700
586-1303-103F	Yellow	590	14	10	110
586-1305-103F	Blue	470	14	10	500
586-1306-103F	White	*	14	10	635
586-1301-105F	Red	626	28	10	90
586-1302-105F	Green	525	28	10	1700
586-1303-105F	Yellow	590	28	10	110
586-1305-105F	Blue	470	28	10	500
586-1306-105F	White	*	28	10	635

* Color coordinates: x=0.320, y=0.320



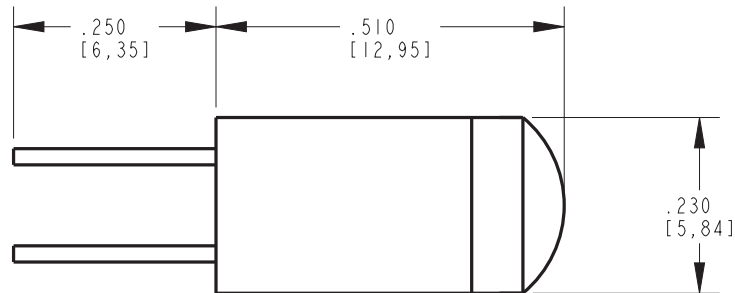
Features/Benefits

- Longer life
- Energy savings - 90% less power required
- Mounts directly into industry standard socket
- True non-polarized configuration available
- Polarized and non-polarized
- No heat generated

Specifications

Voltage Options:	6, 14, and 28 V DC
Operating Temp:	-20°C to +60°C (-4°F to +140°F)
Storage Temp:	-30°C to +100°C (-22°F to +212°F)

Dimensions



Measurements are typical
Dimension are in Inches [mm]

Part Number	Color	Peak Wavelength (nm)	Voltage (V DC)	Current Typ. (mA)	Intensity Typ. (mcd)
Polarized LED Bulbs					
585-3211F	Red	660	6	50	67
585-3311F	Green	565	6	46	77
585-3411F	Yellow	585	6	44	22
585-3213F	Red	660	14	30	60
585-3313F	Green	565	14	28	70
585-3413F	Yellow	585	14	30	23
585-3215F	Red	660	28	16	64
585-3315F	Green	565	28	15	75
585-3415F	Yellow	585	28	15	23
Non-Polarized LED Bulbs					
585-3221F	Red	660	6	75	50
585-3321F	Green	565	6	67	56
585-3421F	Yellow	585	6	73	18
585-3223F	Red	660	14	26	50
585-3323F	Green	565	14	23	56
585-3423F	Yellow	585	14	24	18
585-3225F	Red	660	28	14	56
585-3325F	Green	565	28	13	65
585-3425F	Yellow	585	28	13	20

Single-Chip Based LED - T2 Telephone Slide (type 3)



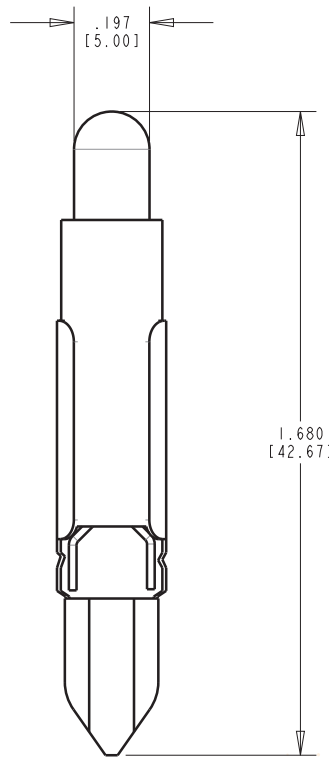
Features/Benefits

- RoHS compliant
- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounted directly into industry standard socket
- Super bright single-chip design
- No heat generated

Specifications

Base:	T2 Telephone Slide
Voltage Options:	24 V DC
Operating Temp:	-30°C to +80°C (-22°F to +176°F)
Storage Temp:	-40°C to +85°C (-40°F to +185°F)

Dimensions



Measurements are typical
Dimension are in Inches [mm]

Part Number	Color	Peak Wavelength (nm)	Voltage (V DC)	Current Typ. (mA)	Intensity Typ. (mcd)
Polarized LED Bulbs					
586-3501-204F	Red	622	24	25	600
586-3502-204F	Green	525	24	25	5000
586-3503-204F	Yellow	592	24	25	1700
586-3505-204F	Blue	470	24	25	1500
586-3506-204F	White	*	24	25	5600

* Color coordinates: x=0.290, y=0.305

Single-Chip Based LED - T3-1/4 Miniature Bayonet (BA9s)



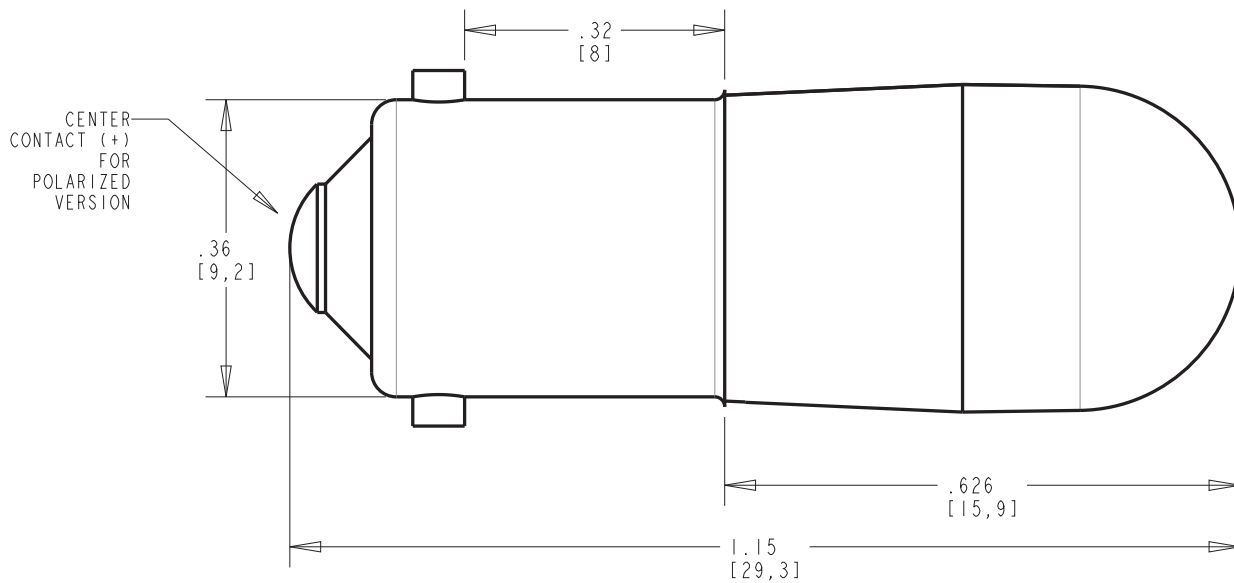
Features/Benefits:

- RoHS compliant
- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounts directly into industry standard socket
- True non-polarized configurations available
- No heat generated
- Super bright single chip design

Specifications

Base:	T3 1/4 Miniature Bayonet (BA9s)
Voltage Options:	6,14, and 28 V DC, 6-36 V DC
Operating Temp:	-30°C to +85°C (-22°F to +185°F)
Storage Temp:	-40°C to +100°C (-40°F to +212°F)

Dimensions



Measurements are typical
Dimension are in Inches [mm]

Single-Chip Based LED - T3-1/4 Miniature Bayonet (BA9s)

Ordering Information

Part Number	Color	Peak Wavelength (nm)	Voltage (V DC)	Current Typ. (mA)	Intensity Typ. (mcd)
Polarized LED Bulbs					
586-2401-101F	Red	630	6	15	1050
586-2402-101F	Green	525	6	15	1650
586-2403-101F	Yellow	592	6	15	1275
586-2405-101F	Blue	470	6	15	487
586-2406-101F	White	*	6	15	825
586-2401-103F	Red	630	14	15	1050
586-2402-103F	Green	525	14	15	1650
586-2403-103F	Yellow	592	14	15	1275
586-2405-103F	Blue	470	14	15	487
586-2406-103F	White	*	14	15	825
586-2401-105F	Red	630	28	15	1050
586-2402-105F	Green	525	28	15	1650
586-2403-105F	Yellow	592	28	15	1275
586-2405-105F	Blue	470	28	15	487
586-2406-105F	White	*	28	15	825
586-2401-220F	Red	630	6-36	10	1000
586-2402-220F	Green	525	6-36	10	1500
586-2403-220F	Yellow	592	6-36	10	550
586-2405-220F	Blue	470	6-36	10	200
586-2406-220F	White	*	6-36	10	650
Non-Polarized LED Bulbs					
586-2401-201F	Red	630	6	15	1050
586-2402-201F	Green	525	6	15	1650
586-2403-201F	Yellow	592	6	15	1275
586-2405-201F	Blue	470	6	15	487
586-2406-201F	White	*	6	15	825
586-2401-203F	Red	630	14	15	1050
586-2402-203F	Green	525	14	15	1650
586-2403-203F	Yellow	592	14	15	1275
586-2405-203F	Blue	470	14	15	487
586-2406-203F	White	*	14	15	825
586-2401-205F	Red	630	28	7.5	525
586-2402-205F	Green	525	28	7.5	825
586-2403-205F	Yellow	592	28	7.5	637
586-2405-205F	Blue	470	28	7.5	243
586-2406-205F	White	*	28	7.5	412

* Color coordinates: x=0.330, y=0.365

Daylight Viewable Cluster Based LED T3 1/4 Miniature Bayonet Base (BA9s)



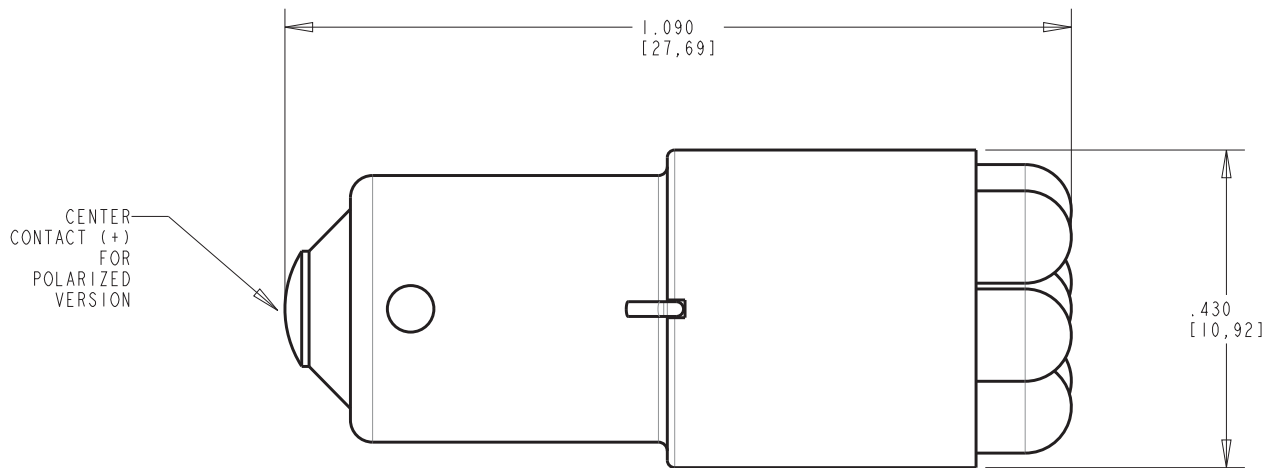
Features/Benefits

- RoHS compliant
- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounts directly into industry standard sockets
- Polarized and non-polarized
- Super bright LED cluster design

Specifications

Base:	T3 1/4 Miniature Bayonet (BA9s)
Voltage Options:	6, 14, and 28 V DC; 120 V AC
Operating Temp:	-30°C to +85°C (-22°F to +185°F)
Storage Temp:	-40°C to +100°C (-40°F to +212°F)

Dimensions



Measurements are typical
Dimension are in Inches [mm]

Daylight Viewable Cluster Based LED T3 1/4 Miniature Bayonet Base (BA9s)

Ordering Information

Part Number	Color	Peak Wavelength (nm)	Voltage (V DC)	Forward Current Typ. (mA)	Intensity Typ. (mcd)
Polarized LED Bulbs					
586-6401-101F	Red	630	6	100	1000
586-6402-101F	Green	525	6	90	3800
586-6403-101F	Yellow	592	6	100	2000
586-6405-101F	Blue	470	6	90	850
586-6406-101F	White	*	6	90	4800
586-6401-103F	Red	630	14	50	1000
586-6402-103F	Green	525	14	40	3100
586-6403-103F	Yellow	592	14	50	2000
586-6405-103F	Blue	470	14	40	685
586-6406-103F	White	*	14	40	4800
586-6401-105F	Red	630	28	17	1000
586-6402-105F	Green	525	28	13	3600
586-6403-105F	Yellow	592	28	17	2000
586-6405-105F	Blue	470	28	13	780
586-6406-105F	White	*	28	13	4200
Non-Polarized LED Bulbs					
586-6401-201F	Red	630	6	100	1000
586-6402-201F	Green	525	6	70	3400
586-6403-201F	Yellow	592	6	100	2000
586-6405-201F	Blue	470	6	70	685
586-6406-201F	White	*	6	70	4000
586-6401-203F	Red	630	14	50	1000
586-6402-203F	Green	525	14	40	3400
586-6403-203F	Yellow	592	14	50	2000
586-6405-203F	Blue	470	14	40	685
586-6406-203F	White	*	14	40	4000
586-6401-205F	Red	630	28	18	1000
586-6402-205F	Green	525	28	11	3400
586-6403-205F	Yellow	592	28	18	2000
586-6405-205F	Blue	470	28	11	685
586-6406-205F	White	*	28	11	4000
586-6401-206F	Red	630	120 V AC	9	500
586-6402-206F	Green	526	120 V AC	9	2400
586-6403-206F	Yellow	592	120 V AC	9	1000
586-6405-206F	Blue	472	120 V AC	9	565
586-6406-206F	White	*	120 V AC	9	3000

* Color coordinates: x=0.296, y=0.276

Cluster Based LED - T3 1/4 Miniature Bayonet (BA9s)



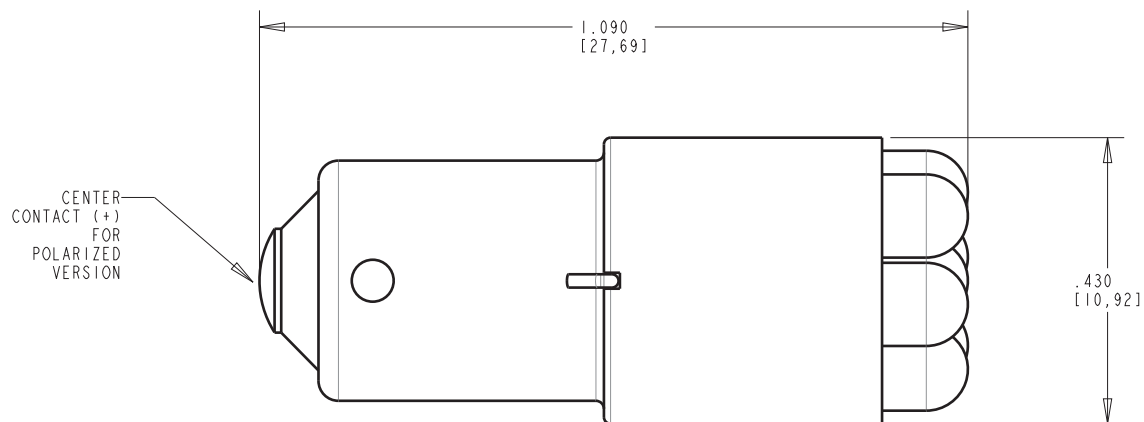
Features/Benefits

- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mount directly into industry standard socket
- Super bright LED cluster design
- Polarized and non-polarized
- No heat generated

Specifications

Base:	T3 1/4 Miniature Bayonet (BA9s)
Voltage Options:	6, 14 and 28 V DC; 120 V AC
Operating Temp:	-30°C to +85°C (-22°F to +185°F)
Storage Temp:	-40°C to +100°C (-40°F to +212°F)

Dimensions



Measurements are typical
Dimension are in Inches [mm]

Ordering Information

Part Number	Color	Peak Wavelength (nm)	Voltage (V DC)	Current Typ. (mA)	Intensity Typ. (mcd)
Polarized LED Bulbs					
585-5211F	Red	660	6	60	480
585-5311F	Green	565	6	60	420
585-5511F	Yellow	592	6	90	1800
585-5213F	Red	660	14	40	480
585-5313F	Green	565	14	40	420
585-5513F	Yellow	592	14	60	1800
585-5215F	Red	660	28	20	560
585-5315F	Green	565	28	20	490
585-5515F	Yellow	592	28	30	2100
Non-Polarized LED Bulbs					
585-5223F	Red	660	14	40	480
585-5323F	Green	565	14	40	420
585-5523F	Yellow	592	14	60	1800
585-5225F	Red	660	28	20	560
585-5325F	Green	565	28	20	490
585-5525F	Yellow	592	28	30	2100
585-5256F	Red	660	120 V AC	9	252
585-5356F	Green	565	120 V AC	9	220
585-5556F	Yellow	585	120 V AC	9	945

Single Chip Based LED - T3 1/4 Miniature Screw (E10)



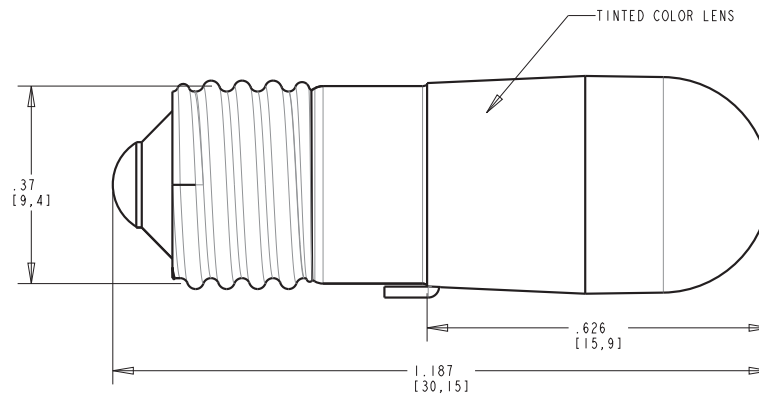
Features / Benefits:

- RoHS compliant
- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounting directly into industry standard socket
- True non-polarized configuration
- Super bright single chip design

Specifications

Base:	T3 1/4 Miniature Screw (E10)
Voltage Options:	6, 14 and 28 V DC, 6-36 V DC
Operating Temp:	-30°C to +85°C (-22°F to +185°F)
Storage Temp:	-40°C to +100°C (-40°F to +212°F)

Dimensions



Measurements are typical
Dimension are in Inches [mm]

Single Chip Based LED - T3 1/4 Miniature Screw (E10)

Ordering Information

Part Number	Color	Peak Wavelength (nm)	Voltage (V DC)	Current Typ. (mA)	Intensity Typ. (mcd)
586-2701-201F	Red	630	6	15	1050
586-2702-201F	Green	525	6	15	1650
586-2703-201F	Yellow	592	6	15	1275
586-2705-201F	Blue	470	6	15	487
586-2706-201F	White	*	6	15	825
586-2701-203F	Red	630	14	15	1050
586-2702-203F	Green	525	14	15	1650
586-2703-203F	Yellow	592	14	15	1275
586-2705-203F	Blue	470	14	15	487
586-2706-203F	White	*	14	15	825
586-2701-205F	Red	630	28	7.5	525
586-2702-205F	Green	525	28	7.5	825
586-2703-205F	Yellow	592	28	7.5	637
586-2705-205F	Blue	470	28	7.5	243
586-2706-205F	White	*	28	7.5	412
586-2701-220F	Red	630	6-36	10	1000
586-2702-220F	Green	525	6-36	10	1500
586-2703-220F	Yellow	592	6-36	10	550
586-2705-220F	Blue	470	6-36	10	200
586-2706-220F	White	*	6-36	10	650

* Color coordinates: x=0.330, y=0.365



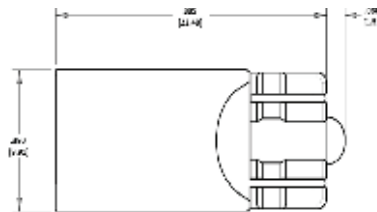
Features/Benefits

- RoHS compliant
- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounts directly into industry standard socket
- Unique multi-LED design provides superior illumination and ability
- No head generated

Specifications

Base:	T3 1/4 Wedge (T10)
Voltage Options:	6, 12, 14 and 24 V DC
Operating Temp:	-30°C to +85°C (-22°F to +185°F)
Storage Temp:	-40°C to +100°C (-40°F to +212°F)

Dimensions



Measurements are typical
Dimension are in Inches [mm]

Part Number	Color	Peak Wavelength (nm)	Voltage (V DC)	Current Typ. (mA)	Intensity Typ. (mcd)
586-2201-201F	Red	615	6	69	770
586-2202-201F	Green	528	6	30	300
586-2203-201F	Yellow	591	6	69	550
586-2205-201F	Blue	470	6	30	90
586-2206-201F	White	*	6	30	630
586-2201-202F	Red	615	12	37	820
586-2202-202F	Green	528	12	19	380
586-2203-202F	Yellow	591	12	37	590
586-2205-202F	Blue	470	12	19	115
586-2206-202F	White	*	12	19	800
586-220A-202F	White/Yellow	* / 591	12	25	725
586-220B-202F	White/Orange	* / 610	12	25	775
586-2201-203F	Red	615	14	41	910
586-2202-203F	Green	528	14	24	480
586-2203-203F	Yellow	591	14	41	650
586-2205-203F	Blue	470	14	24	145
586-2206-203F	White	*	14	24	1000
586-220A-203F	White/Yellow	* / 591	14	25	725
586-220B-203F	White/Orange	* / 610	14	25	775
586-2201-204F	Red	615	24	19	850
586-2202-204F	Green	528	24	12	480
586-2203-204F	Yellow	591	24	19	610
586-2205-204F	Blue	470	24	12	145
586-2206-204F	White	*	24	12	1000
586-220A-204F	White/Yellow	* / 591	24	14	810
586-220B-204F	White/Orange	* / 610	24	14	870

* Color coordinates: x=0.320, y=0.310

Cluster Based LED - 15mm Bayonet (BA15s)



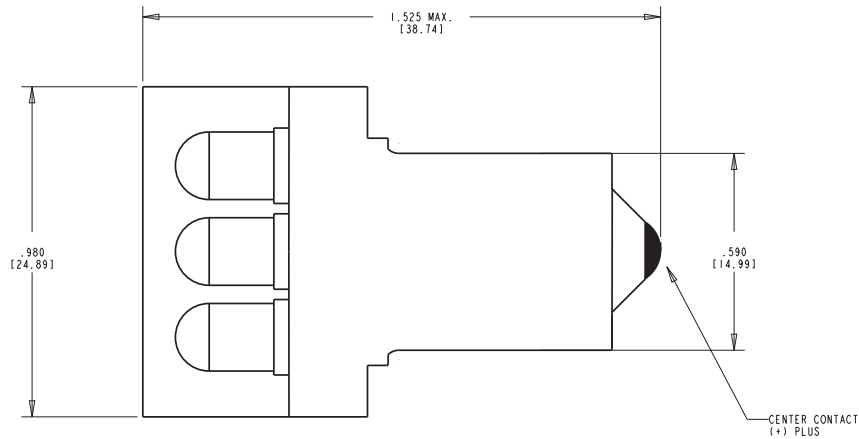
Features/Benefits:

- RoHS compliant
- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounts directly into industry standard socket
- No heat generated

Specifications

Base:	15mm Bayonet (BA15s)
Voltage Options:	14 and 28 V DC
Operating Temp:	-30°C to +85°C (-22°F to +185°F)
Storage Temp:	-40°C to +100°C (-40°F to +212°F)

Dimensions



Measurements are typical
Dimension are in Inches [mm]

Part Number	Color	Peak Wavelength (nm)	Voltage (V DC)	Current Typ. (mA)	Intensity Typ. (mcd)
Polarized LED Bulbs					
586-4601-103F	Red	639	14	30	17325
586-4602-103F	Green	525	14	20	21000
586-4603-103F	Yellow	594	14	30	17325
586-4605-103F	Blue	470	14	20	6300
586-4606-103F	White	*	14	20	23800
586-4601-105F	Red	639	28	30	17325
586-4602-105F	Green	525	28	20	21000
586-4603-105F	Yellow	594	28	30	17325
586-4605-105F	Blue	470	28	20	6300
586-4606-105F	White	*	28	20	23800

* Color coordinates: x=0.310, y=0.320

Incandescent Lamp #	Size	Base Style	Operating Voltage (V DC)	Configuration	Dialight Based LED Part Number				
					Red	Green	Yellow	Blue	White
16	T1 3/4	Wedge Base	6	Polarized	586-1A01-101	586-1A02-101	586-1A03-101	586-1A05-101	586-1A06-101
				Non-Polarized	586-1201-201	586-1202-201	586-1203-201	586-1205-201	586-1206-201
17	T1 3/4	Wedge Base	28	Polarized	586-1A01-105	586-1A02-105	586-1A03-105	586-1A05-105	586-1A06-105
				Non-Polarized	586-1201-205	586-1202-205	586-1203-205	586-1205-205	586-1206-205
18	T1 3/4	Wedge Base	14	Polarized	586-1A01-103	586-1A02-103	586-1A03-103	586-1A05-103	586-1A06-103
				Non-Polarized	586-1201-203	586-1202-203	586-1203-203	586-1205-203	586-1206-203
24	T2	Telephone Slide (Type 3)	24	Non-Polarized	586-3501-204	586-3502-204	586-3503-204	586-3505-204	586-3506-204
37	T1 3/4	Wedge Base	14	Polarized	586-1A01-103	586-1A02-103	586-1A03-103	586-1A05-103	586-1A06-103
				Non-Polarized	586-1201-203	586-1202-203	586-1203-203	586-1205-203	586-1206-203
40, 46	T3 1/4	Miniature Screw	6	Non-Polarized	586-2701-201	586-2702-201	586-2703-201	586-2705-201	586-2706-201
44, 47	T3 1/4	Miniature Bayonet (BA9s)	6	Non-Polarized	586-6401-201	586-6402-201	586-6403-201	586-6405-201	586-6406-201
				High Brightness	586-2401-201	586-2402-201	586-2403-201	586-2405-201	586-2406-201
52	T3 1/4	Miniature Screw	14	Non-Polarized	586-2701-203	586-2702-203	586-2703-203	586-2705-203	586-2706-203
56	T1 3/4	Wedge Base	6	Polarized	586-1A01-101	586-1A02-101	586-1A03-101	586-1A05-101	586-1A06-101
				Non-Polarized	586-1201-201	586-1202-201	586-1203-201	586-1205-201	586-1206-201
67	G-6	Single Contact Bayonet (BA15s)	14	Polarized	586-4601-103	586-4602-103	586-4603-103	586-4605-103	586-4606-103
70, 73, 74	T1 3/4	Wedge Base	14	Polarized	586-1A01-103	586-1A02-103	586-1A03-103	586-1A05-103	586-1A06-103
				Non-Polarized	586-1201-203	586-1202-203	586-1203-203	586-1205-203	586-1206-203
79, 84	T1 3/4	Wedge Base	6	Polarized	586-1A01-101	586-1A02-101	586-1A03-101	586-1A05-101	586-1A06-101
				Non-Polarized	586-1201-201	586-1202-201	586-1203-201	586-1205-201	586-1206-201
85	T1 3/4	Wedge Base	28	Polarized	586-1A01-105	586-1A02-105	586-1A03-105	586-1A05-105	586-1A06-105
				Non-Polarized	586-1201-205	586-1202-205	586-1203-205	586-1205-205	586-1206-205
86	T1 3/4	Wedge Base	6	Polarized	586-1A01-101	586-1A02-101	586-1A03-101	586-1A05-101	586-1A06-101
				Non-Polarized	586-1201-201	586-1202-201	586-1203-201	586-1205-201	586-1206-201
93, 97, 98, 105	G-6 / S-8	Single Contact Bayonet (BA15s)	14	Polarized	586-4601-103	586-4602-103	586-4603-103	586-4605-103	586-4606-103
124	T3 1/4	Wedge Base	14	Non-Polarized	586-2201-203	586-2202-203	586-2203-203	586-2205-203	586-2206-203
152	T3 1/4	Wedge Base	28	Non-Polarized	586-2201-205	586-2202-205	586-2203-205	586-2205-205	586-2206-205
158, 161, 168	T3 1/4	Wedge Base	14	Non-Polarized	586-2201-203	586-2202-203	586-2203-203	586-2205-203	586-2206-203
159	T3 1/4	Wedge Base	6	Non-Polarized	586-2201-201	586-2202-201	586-2203-201	586-2205-201	586-2206-201
181	T3 1/4	Miniature Bayonet (BA9s)	14	Non-Polarized	586-6401-203	586-6402-203	586-6403-203	586-6405-203	586-6406-203
				High Brightness	586-2401-203	586-2402-203	586-2403-203	586-2405-203	586-2406-203
184, 193, 194	T3 1/4	Wedge Base	14	Non-Polarized	586-2201-203	586-2202-203	586-2203-203	586-2205-203	586-2206-203
199	S-8	Single Contact Bayonet (BA15s)	14	Polarized	586-4601-103	586-4602-103	586-4603-103	586-4605-103	586-4606-103

Incandescent Lamp #	Size	Base Style	Operating Voltage (V DC)	Configuration	Dialight Based LED Part Number				
					Red	Green	Yellow	Blue	White
216	T3 1/4	Miniature Bayonet (BA9s)	14	Non-Polarized High Brightness	586-6401-203	586-6402-203	586-6403-203	586-6405-203	586-6406-203
				Non-Polarized	586-2401-203	586-2402-203	586-2403-203	586-2405-203	586-2406-203
259	T3 1/4	Wedge Base	6	Non-Polarized	586-2201-201	586-2202-201	586-2203-201	586-2205-201	586-2206-201
303, 305, 307, 315	S-8	Single Contact Bayonet (BA15s)	28	Polarized	586-4601-105	586-4602-105	586-4603-105	586-4605-105	586-4606-105
313	T3 1/4	Miniature Bayonet (BA9s)	28	Non-Polarized High Brightness	586-6401-205	586-6402-205	586-6403-205	586-6405-205	586-6406-205
				Non-Polarized	586-2401-205	586-2402-205	586-2403-205	586-2405-205	586-2406-205
327	T1 3/4	Midget Flange	28	Polarized	586-1101-105	586-1102-105	586-1103-105	586-1105-105	586-1106-105
328	T1 3/4	Midget Flange	6	Polarized	586-1101-101	586-1102-101	586-1103-101	586-1105-101	586-1106-101
330	T1 3/4	Midget Flange	14	Polarized	586-1101-103	586-1102-103	586-1103-103	586-1105-103	586-1106-103
345, 349, 350	T1 3/4	Midget Flange	6	Polarized	586-1101-101	586-1102-101	586-1103-101	586-1105-101	586-1106-101
376	T1 3/4	Midget Flange	28	Polarized	586-1101-105	586-1102-105	586-1103-105	586-1105-105	586-1106-105
377, 380, 381	T1 3/4	Midget Flange	6	Polarized	586-1101-101	586-1102-101	586-1103-101	586-1105-101	586-1106-101
382	T1 3/4	Midget Flange	14	Polarized	586-1101-103	586-1102-103	586-1103-103	586-1105-103	586-1106-103
385, 387	T1 3/4	Midget Flange	28	Polarized	586-1101-105	586-1102-105	586-1103-105	586-1105-105	586-1106-105
394	T1 3/4	Midget Flange	14	Polarized	586-1101-103	586-1102-103	586-1103-103	586-1105-103	586-1106-103
400, 464, 585, 655, 656, 657	T3 1/4	Wedge Base	28	Non-Polarized	586-2201-205	586-2202-205	586-2203-205	586-2205-205	586-2206-205
658	T3 1/4	Wedge Base	14	Non-Polarized	586-2201-203	586-2202-203	586-2203-203	586-2205-203	586-2206-203
444, 447	T3 1/4	Wedge Base	6	Non-Polarized	586-2201-201	586-2202-201	586-2203-201	586-2205-201	586-2206-201
502	T3 1/4	Miniature Screw	6	Non-Polarized	586-2701-201	586-2702-201	586-2703-201	586-2705-201	586-2706-201
555	T3 1/4	Wedge Base	6	Non-Polarized	586-2201-201	586-2202-201	586-2203-201	586-2205-201	586-2206-201
623	G-6	Single Contact Bayonet (BA15s)	28	Polarized	586-4601-105	586-4602-105	586-4603-105	586-4605-105	586-4606-105
631	G-6	Single Contact Bayonet (BA15s)	14	Polarized	586-4601-103	586-4602-103	586-4603-103	586-4605-103	586-4606-103
755	T3 1/4	Miniature Bayonet (BA9s)	6	Non-Polarized High Brightness	586-6401-201	586-6402-201	586-6403-201	586-6405-201	586-6406-201
				Non-Polarized	586-2401-201	586-2402-201	586-2403-201	586-2405-201	586-2406-201
756	T3 1/4	Miniature Bayonet (BA9s)	14	Non-Polarized High Brightness	586-6401-203	586-6402-203	586-6403-203	586-6405-203	586-6406-203
				Non-Polarized	586-2401-203	586-2402-203	586-2403-203	586-2405-203	586-2406-203
757	T3 1/4	Miniature Bayonet (BA9s)	28	Non-Polarized High Brightness	586-6401-205	586-6402-205	586-6403-205	586-6405-205	586-6406-205
				Non-Polarized	586-2401-205	586-2402-205	586-2403-205	586-2405-205	586-2406-205
1003, 1093, 1095, 1141, 1155, 1156, 1159	B-6/ S-8	Single Contact Bayonet (BA15s)	14	Polarized	586-4601-103	586-4602-103	586-4603-103	586-4605-103	586-4606-103

Incandescent Lamp #	Size	Base Style	Operating Voltage	Configuration	Dialight Based LED Part Number				
					Red	Green	Yellow	Blue	White
1203, 1251	S-8	Single Contact Bayonet (BA15s)	28	Polarized	586-4601-105	586-4602-105	586-4603-105	586-4605-105	586-4606-105
1295	S-8	Single Contact Bayonet (BA15s)	14	Polarized	586-4601-103	586-4602-103	586-4603-103	586-4605-103	586-4606-103
1308	B-6	Single Contact Bayonet (BA15s)	28	Polarized	586-4601-105	586-4602-105	586-4603-105	586-4605-105	586-4606-105
1446, 1481, 1487	T3 1/4	Miniature Screw	14	Non-Polarized	586-2701-203	586-2702-203	586-2703-203	586-2705-203	586-2706-203
1488	T3 1/4	Miniature Bayonet (BA9s)	14	Non-Polarized High Brightness	586-6401-203	586-6402-203	586-6403-203	586-6405-203	586-6406-203
				Non-Polarized	586-2401-203	586-2402-203	586-2403-203	586-2405-203	586-2406-203
1591, 1665, 1683, 1691	S-8	Single Contact Bayonet (BA15s)	28	Polarized	586-4601-105	586-4602-105	586-4603-105	586-4605-105	586-4606-105
1813, 1815	T3 1/4	Miniature Bayonet (BA9s)	14	Non-Polarized High Brightness	586-6401-203	586-6402-203	586-6403-203	586-6405-203	586-6406-203
				Non-Polarized	586-2401-203	586-2402-203	586-2403-203	586-2405-203	586-2406-203
1819, 1820	T3 1/4	Miniature Bayonet (BA9s)	28	Non-Polarized High Brightness	586-6401-205	586-6402-205	586-6403-205	586-6405-205	586-6406-205
				Non-Polarized	586-2401-205	586-2402-205	586-2403-205	586-2405-205	586-2406-205
1821	T3 1/4	Miniature Screw	28	Non-Polarized	586-2701-205	586-2702-205	586-2703-205	586-2705-205	586-2706-205
1829, 1843	T3 1/4	Miniature Bayonet (BA9s)	28	Non-Polarized High Brightness	586-6401-205	586-6402-205	586-6403-205	586-6405-205	586-6406-205
				Non-Polarized	586-2401-205	586-2402-205	586-2403-205	586-2405-205	586-2406-205
1847, 1850, 1866	T3 1/4	Miniature Bayonet (BA9s)	6	Non-Polarized High Brightness	586-6401-201	586-6402-201	586-6403-201	586-6405-201	586-6406-201
				Non-Polarized	586-2401-201	586-2402-201	586-2403-201	586-2405-201	586-2406-201
1864, 1873	T3 1/4	Miniature Bayonet (BA9s)	28	Non-Polarized High Brightness	586-6401-205	586-6402-205	586-6403-205	586-6405-205	586-6406-205
				Non-Polarized	586-2401-205	586-2402-205	586-2403-205	586-2405-205	586-2406-205
1889, 1891, 1892, 1893, 1894, 1898	T3 1/4	Miniature Bayonet (BA9s)	14	Non-Polarized High Brightness	586-6401-203	586-6402-203	586-6403-203	586-6405-203	586-6406-203
				Non-Polarized	586-2401-203	586-2402-203	586-2403-203	586-2405-203	586-2406-203
2232, 2233	S-8	Single Contact Bayonet (BA15s)	28	Polarized	586-4601-105	586-4602-105	586-4603-105	586-4605-105	586-4606-105
2306	T1 3/4	Bi-Pin	6	Polarized	586-1301-101	586-1302-101	586-1303-101	586-1305-101	586-1306-101
2312, 2314	T1 3/4	Bi-Pin	28	Polarized	586-1301-105	586-1302-105	586-1303-105	586-1305-105	586-1306-105
2323	T1 3/4	Bi-Pin	6	Polarized	586-1301-101	586-1302-101	586-1303-101	586-1305-101	586-1306-101
2324, 2325	T1 3/4	Bi-Pin	28	Polarized	586-1301-105	586-1302-105	586-1303-105	586-1305-105	586-1306-105



250 & 508 Holders use 507 Cartridges and 515 Connectors

Mounting Hole Size:	3/8" (9.53mm)
Light Source:	Neon Cartridge Incandescent Cartridge LED Cartridge
Available Colors:	Red, Yellow, White, Clear, Green
Voltage:	105-125V AC/DC (Neon) 10, 14, 28, 48, 120V DC (Incandescent & LED)
Termination:	Bi-Pins, Solder, turret
Mounting Style:	Front or Rear

*For more information please go to www.dialight.com



004 Holder uses 004 Caps and 113 Caps

Mounting Hole Size:	15/32" (11.91mm)
Light Source:	T1 3/4 Midget Flange
Available Colors:	Red, Clear
Voltage:	1.35-28V
Termination:	Solder or Screw
Mounting Style:	Front

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available

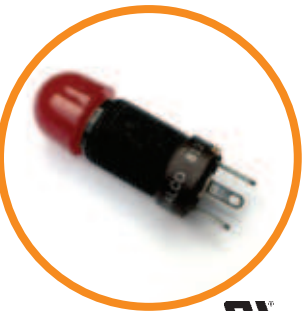


101 Holder uses 101 Caps, 111 Caps, 140 Caps

Mounting Hole Size:	15/32" (11.91mm)
Light Source:	T1 3/4 Midget Flange
Available Colors:	Red, Yellow, White, Clear, Green
Voltage:	1.35-28V
Termination:	Solder
Mounting Style:	Front or Rear

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available



812 Holder uses 812 Caps

Mounting Hole Size:	15/32" (11.91mm)
Light Source:	T1 3/4 Midget Flange
Available Colors:	Red, Yellow, White, Clear, Green
Voltage:	1.35-28V
Termination:	Solder
Mounting Style:	Rear

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available



137 Holder uses 137 caps

Mounting Hole Size:	15/32" (11.91mm)
Light Source:	T2 Neon Midget Flange
Available Colors:	Red, Yellow, White, Clear
Voltage:	105-125V AC/DC
Termination:	Solder
Mounting Style:	Front

*For more information please go to www.dialight.com



162 Holder uses 162 caps

Mounting Hole Size:	15/32" (11.91mm)
Light Source:	T1 3/4 Midget Flange
Available Colors:	Red, Green, Yellow, White, Clear
Voltage:	1.35-28V
Termination:	Solder
Mounting Style:	Front

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available



177 Holder uses 177 caps

Mounting Hole Size:	15/32" (11.91mm)
Light Source:	T1 3/4 Midget Flange
Available Colors:	Red, Green, Yellow, White, Clear
Voltage:	1.35-28V
Termination:	Solder
Mounting Style:	Front

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available



270 Holder uses 270 caps, 271 Holder uses 271 caps

Mounting Hole Size:	15/32" (11.91mm)
Light Source:	T1 3/4 Midget Flange Incandescent
Available Colors:	Red, Green, Yellow, Clear
Voltage:	1.35-28V
Termination:	Solder or Screw
Mounting Style:	Front

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available



021 Series

Mounting Hole Size:	11/16" (17.46mm)
Light Source:	T3 1/4 Miniature Bayonet (BA9s)
Available Colors:	Clear
Voltage:	2-120V
Termination:	Solder or Screw
Mounting Style:	Front

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available



081 Holder uses 081 Caps, 052 Caps, 095 Caps, 135 Caps

Mounting Hole Size:	11/16" (17.46mm)
Light Source:	T3 1/4 Miniature Neon Bayonet
Available Colors:	Red, Yellow, White, Clear
Voltage:	105-125V AC/DC
Termination:	Solder or Screw
Mounting Style:	Front

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available



125 Holder uses 125 Caps

Mounting Hole Size:	11/16" (17.46mm)
Light Source:	T3 1/4 Miniature Bayonet (BA9s)
Available Colors:	Red, Yellow, Green, White, Clear
Voltage:	2-120V
Termination:	Solder or Screw
Mounting Style:	Front

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available



125 Holder uses 125 Caps

Mounting Hole Size:	11/16" (17.46mm)
Light Source:	T3 1/4 Miniature Neon Bayonet
Available Colors:	Red, Yellow, White, Clear
Voltage:	105-125 AC/DC
Termination:	Solder or Screw, Quick-Connect
Mounting Style:	Front

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available



123 Holder uses 123 Caps

Mounting Hole Size:	11/16" (17.46mm)
Light Source:	T3 1/4 Miniature Bayonet (BA9s)
Available Colors:	Red, Yellow, Green, White, Clear
Voltage:	2-120V
Termination:	Solder or Screw
Mounting Style:	Front

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available



095 Holder uses 095 caps, 135 caps

Mounting Hole Size:	11/16" (17.46mm)
Light Source:	T3 1/4 Miniature Bayonet (BA9s)
Available Colors:	Red, Yellow, Green, White, Clear
Voltage:	2-120V
Termination:	Solder or Screw, Quick-Connect
Mounting Style:	Front

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available



Application

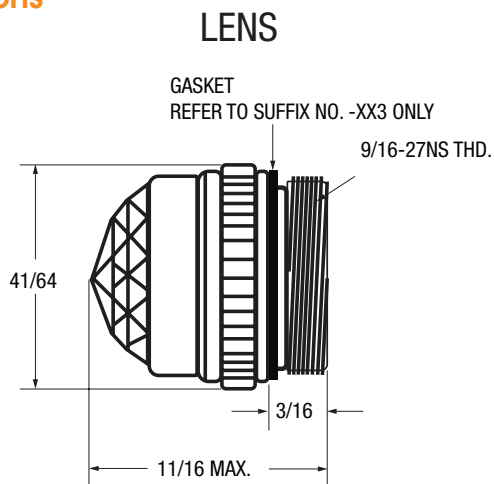
Dialight's 081 Series Jewel Cap is designed to give all your applications a nice clean retro look. These lenses are designed for a variety of applications such as:

- Musical equipment
- Amplifiers
- Main and remote power indication
- Instrumentation

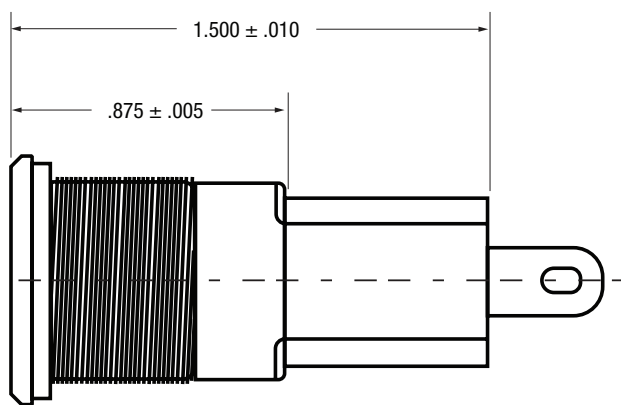
... and many more!

Dimensions

inches [mm]



BASE



Lens Information

Mechanical

Mounting Torque:	3 in/lbs
Thread:	9/16 - 27NS
Lens Material:	Polycarbonate

Housing Information

Mechanical

Mounting Hole Size:	0.5875" (17.46mm)
Mounting Torque:	20 in/lbs

Specifications

Electrical Connection:	Solder Terminals, Screw Terminals
Terminals:	Nickel—Tin Plated
Lock Washer:	Steel—Zinc Plated
Nut:	Brass—Nickel Plated



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 at: <https://www.dialight.com/resources/warranties/>, 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.

Ordering Information 081 Series

Jewel Cap Lens

Dialight P/N	Watertight P/N	Color	Plating
081-0431-100	081-0431-303	● Red	White Nickel
081-0431-300			Polished Chrome
081-0432-100	081-0432-303	● Green	White Nickel
081-0432-300			Polished Chrome
081-0433-100	081-0433-303	● Yellow	White Nickel
081-0433-200			Black Nickel
081-0433-300			Polished Chrome
081-0434-100	081-0434-303	● Blue	White Nickel
081-0434-300			Polished Chrome
081-0435-100	081-0435-303	○ White	White Nickel
081-0435-300			Polished Chrome
081-0436-100	081-0437-303	● Light Yellow	White Nickel
081-0437-100		○ Clear	White Nickel
081-0437-300			Polished Chrome

Housing/Base Options

Dialight P/N	Termination	Bulb Type	Bulb Size
095-0410-09-102	Solder Terminals	Incandescent	T-3 1/4
095-0410-09-301	Solder Terminals		
095-1310-09-101	Screw Terminals		
095-1310-09-301	Screw Terminals		
081-0408-01-140	Solder Terminals	Neon	
081-0408-01-341	Solder Terminals		
081-1308-01-341	Screw Terminals		



031 Holder uses 031 Caps

Mounting Hole Size:	1" (25.40mm)
Light Source:	S-6 Candelabra Screw Incandescent
Available Colors:	Red, Yellow, Green, White, Clear
Voltage:	6-250V AC/DC
Termination:	Screw
Mounting Style:	Front

*For more information please go to www.dialight.com



051 Holder uses 051 Caps

Mounting Hole Size:	1" (25.40mm)
Light Source:	T3 1/4 Miniature Bayonet (BA9s)
Available Colors:	Red, Yellow, Green, White, Clear
Voltage:	2-120V
Termination:	Solder or Screw
Mounting Style:	Front

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available



080 Holder uses 080 Caps, 051 Caps

Mounting Hole Size:	1" (25.40mm)
Light Source:	S-6 Candelabra Screw Incandescent
Available Colors:	Red, Yellow, Green, White, Clear
Voltage:	6-250V AC/DC
Termination:	Solder or Screw
Mounting Style:	Front

*For more information please go to www.dialight.com



103 Holder uses 103 Caps

Mounting Hole Size:	1" (25.40mm)
Light Source:	S-6 Candelabra Screw Incandescent
Available Colors:	Red, Yellow, Green, White, Clear
Voltage:	6-250V AC/DC
Termination:	Solder or Screw
Mounting Style:	Front

*For more information please go to www.dialight.com

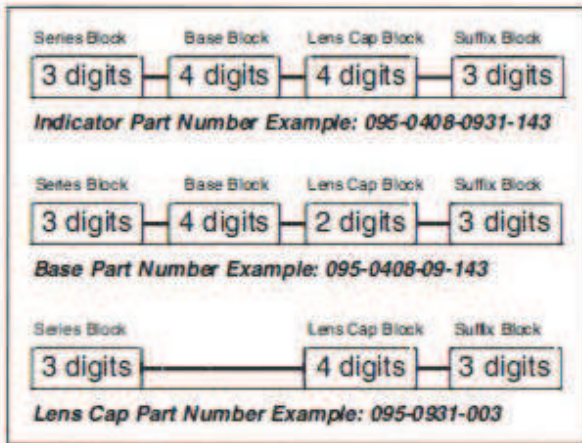


103 Holder uses 103 Caps

Mounting Hole Size:	1" (25.40mm)
Light Source:	S-6 Double Contact Bayonet
Available Colors:	Red, Yellow, Green, White, Clear
Voltage:	24-250V AC/DC
Termination:	Solder or Screw
Mounting Style:	Front

*For more information please go to www.dialight.com

Dialight Neon and Incandescent Panel Mount Indicators are available as complete assemblies from our distributor partners or from us as separate lens cap and base. Our Part Numbering System shown below describes how valid Dialight part numbers are configured. The Dialight Part Numbering System should not be used for creating part numbers since not all combinations are able to be manufactured. Please consult Dialight or our stocking distributors for those items not found in this catalog.



STEP 2

Lens Finish and Color

095 - 0408 - 09 **31** - 143

The third and fourth digits of the Lens Cap Block designate the lens finish and color respectively. In this example, 31 = a transparent red lens.

Lens Finish

- 1 - Back Frosted*
- 3 - Unfrosted or Transparent
- 5 - Light Translucent
- 7 - Dark Translucent**
- 9 - Internal Fluting

Lens Color

- 1 - Red
- 2 - Green
- 3 - Yellow (Amber)
- 4 - Blue
- 5 - White
- 6 - Light Yellow
- 7 - Clear (Colorless)

* Not available with Lens Color Option 5 (White)

** Not available with Lens Color Option 7 (Clear/Colorless)

STEP 1

Lens Shape and Material

095 - 0408 - **09** 31 - 143

095 - **09** 31 - 003

The first two digits in the Lens Cap Block of the indicator, base or cap part numbers designate the lens shape and material. In this example, 09 = plastic stovepipe.

Lens Code	Description
00	Rectangular, plastic
01	Convex, polycarbonate
02	Flat, polycarbonate
03	Flat, plastic
04	Convex, faceted, polycarbonate
05	Torpedo, polycarbonate
06	Convex, plastic
08	Dome, plastic
09	Stovepipe, plastic
11	Stovepipe, polycarbonate with bezel
12	Dome, polycarbonate
13	Torpedo faceted, polycarbonate
14	Short cylindrical, plastic
15	Long cylindrical, plastic
16	Long cylindrical, fresnel, plastic
18	Square, plastic
21	Faceted, plastic
29	Light shield
31	Stovepipe, polycarbonate
32	Short cylindrical, polycarbonate
33	Short cylindrical, fresnel, plastic
34	Rectangular, plastic
35	Short cylindrical, fresnel, polycarbonate
37	Short stovepipe, fresnel, plastic
50	Black opaque side wall

STEP 3

Metal Finish

095 - 0408 - 0931 - **1** 43

The first digit of the Suffix Block designates metal finish. In this example, 1 = white nickel plated metal finish.

Metal Finish

- 0 - None
- 1 - White Nickel
- 2 - Black Nickel
- 3 - Polished Chrome
- 4 - Satin Chrome
- 5 - Black Anodized
- 6 - Clear Anodized
- 7 - Chromate

STEP 4

Built-in Resistor

095 - 0408 - 0931 - 1 **4** 3

The second digit of the Suffix Block designates built-in resistor. In this neon indicator example, 4 = 56K internal resistor.

- 0 - None
- 1 - 2K
- 2 - 27K
- 3 - 33K
- 4 - 56K
- 6 - 68K
- 7 - 100K

STEP 5

Hardware

095 - 0408 - 0931 - 14 **3**

The third digit of the Suffix Block designates type of hardware. In this example, 3 = watertight.

- 0 - None
- 1 - Brass
- 2 - Steel
- 3 - Watertight
- 4 - Aluminum
- 5 - Three rings
- 6 - Ring, lockwasher, nut
- 7 - Insulated mounting

Military Panel Mount Indicators

LHC = lampholder with cap

LH = lampholder only

LC = lens cap only

All indicators must meet or exceed Military specifications.

All lamps are daylight viewable.



359 Series LH73/1, LC11

Mounting Hole Size:	15/32" (11.91mm)
Light Source:	T1 3/4 Midget
Available Colors:	Red, Green, Yellow
Voltage:	2.7-28V
Termination:	Solder Tabs
Mounting Style:	Nut and Washer
Relampable:	Yes

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available



360 Series LH73/1, LC11, LC12, LC29

Mounting Hole Size:	15/32" (11.91mm)
Light Source:	T1 3/4 Midget
Available Colors:	Red, Green, Yellow
Voltage:	2.7-28V
Termination:	Solder Tabs
Mounting Style:	Nut and Washer
Relampable:	Yes

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available



361 Series LH74/1, LC13

Mounting Hole Size:	15/32" (11.91mm)
Light Source:	T2 (C7A) Neon
Available Colors:	Red, Yellow, Clear
Voltage:	120 VAC/DC
Termination:	Solder Tabs
Mounting Style:	Nut and Washer
Relampable:	Yes

*For more information please go to www.dialight.com



363 Series LH73/2, LC25

Mounting Hole Size:	15/32" (11.91mm)
Light Source:	T1 3/4 Midget
Available Colors:	Red, Yellow, Clear
Voltage:	2.7-28V
Termination:	Solder Tabs
Mounting Style:	Nut and Washer
Relampable:	Yes

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available

LHC = lampholder with cap

LH = lampholder only

LC = lens cap only

All indicators must meet or exceed Military specifications.

All lamps are daylight viewable.



367 Series LH89/1, LC35

Mounting Hole Size:	15/32" (11.91mm)
Light Source:	T1 3/4 Midget
Available Colors:	Red, Green, Yellow
Voltage:	2.7-28V
Termination:	Solder Tabs
Mounting Style:	Nut and Washer
Relampable:	Yes
Features:	Oiltight

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available



368 and 369 Series LH89/1, LC36, LC37

Mounting Hole Size:	15/32" (11.91mm)
Light Source:	T1 3/4 Midget
Available Colors:	Red, Green, Yellow
Voltage:	2.7-28V
Termination:	Solder Tabs
Mounting Style:	Nut and Washer
Relampable:	Yes
Features:	Oiltight

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available



800 Series MS25041

Mounting Hole Size:	15/32" (11.91mm)
Light Source:	T1 3/4 Midget
Available Colors:	Red, Green, Yellow
Voltage:	2.7-28V
Termination:	Solder Tabs
Mounting Style:	Nut and Washer
Relampable:	Yes
Features:	Press to Test

*For more information please go to www.dialight.com

*See page 74-76 for Based LED Bulbs Available



801 Series MS25041

Mounting Hole Size:	15/32" (11.91mm)
Light Source:	T1 3/4 Midget
Available Colors:	Red, Green, Yellow
Voltage:	2.7-28V
Termination:	Solder Tabs
Mounting Style:	Nut and Washer
Relampable:	Yes
Features:	Press to Test

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available

LHC = lampholder with cap

LH = lampholder only

LC = lens cap only

All indicators must meet or exceed Military specifications.

All lamps are daylight viewable.



803 Series MS25331

Mounting Hole Size:	5/8" (15.88mm)
Light Source:	T3 1/4 Mini Bayonet (BA9s)
Available Colors:	Red, Green, Yellow, Clear, Blue
Voltage:	2.7-28V
Termination:	Solder Tabs
Mounting Style:	Nut and Washer
Relampable:	Yes
Features:	Press to Test

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available



804 Series MS25331

Mounting Hole Size:	5/8" (15.88mm)
Light Source:	T3 1/4 Mini Bayonet
Available Colors:	Red, Green, Yellow, Clear, Blue
Voltage:	2.7-28V
Termination:	Solder Tabs
Mounting Style:	Nut and Washer
Relampable:	Yes
Features:	Press to Test

*For more information please go to www.dialight.com

*See incandescent lamp cross reference guide for based LED bulbs available



373 Series LH76/1, LH 6/2, LH76/3, LC14

Mounting Hole Size:	11/16" (17.46mm)
Light Source:	T3 1/4 Neon, T3 1/4 Mini Bayonet (BA9s)
Available Colors:	Red, Green, Yellow, White, Clear, Blue
Voltage:	2-120V
Termination:	Solder Tabs
Mounting Style:	Nut and Washer
Relampable:	Yes
Features:	Watertight Lens available for Semi and blackout

*For more information please go to www.dialight.com



375 Series LH76/1, LH7 6/2, LH7 6/3, LC17

Mounting Hole Size:	11/16" (17.46mm)
Light Source:	T3 1/4 Neon, T3 1/4 Mini Bayonet (BA9s)
Available Colors:	Red, Green, Yellow, White, Clear, Blue
Voltage:	2-120V
Termination:	Solder Tabs
Mounting Style:	Nut and Washer
Relampable:	Yes
Features:	Watertight Lens available for Semi and blackout

*For more information please go to www.dialight.com

LHC = lampholder with cap

LH = lampholder only

LC = lens cap only

All indicators must meet or exceed Military specifications.

All lamps are daylight viewable.



376 Series LH76/1, LH76/2, LH76/3, LC14, LC17, LC18

Mounting Hole Size:	11/16" (17.46mm)
Light Source:	T3 1/4 Neon, T3 1/4 Mini Bayonet (BA9s)
Available Colors:	Red, Green, Yellow, White, Clear, Blue
Voltage:	2-120V
Termination:	Solder Tabs
Mounting Style:	Nut and Washer
Relampable:	Yes
Features:	Watertight Lens available for Semi and blackout

*For more information please go to www.dialight.com



378 Series LH79/1, LC21

Mounting Hole Size:	1" (25.40mm)
Light Source:	S-6 Double Contact Bayonet
Available Colors:	Red, Green, Yellow, White, Clear, Blue
Voltage:	S6-32V
Termination:	Solder Tabs
Mounting Style:	Nut and Washer
Relampable:	Yes
Features:	Lens available for Semi and blackout

*For more information please go to www.dialight.com



379 Series LH79/1, LC24

Mounting Hole Size:	1" (25.40mm)
Light Source:	S-6 Double Contact Bayonet
Available Colors:	Red, Green, Yellow, White, Clear, Blue
Voltage:	24-250V
Termination:	Solder Tabs
Mounting Style:	Nut and Washer
Relampable:	Yes
Features:	Lens available for Semi and blackout

*For more information please go to www.dialight.com



380 and 381 Series LH80/1, LC24

Mounting Hole Size:	1" (25.40mm)
Light Source:	S-6 Double Contact Bayonet
Available Colors:	Red, Green, Yellow, White, Clear, Blue
Voltage:	24-250V
Termination:	Solder Tabs
Mounting Style:	Nut and Washer
Relampable:	Yes
Features:	Lens available for Semi and blackout

*For more information please go to www.dialight.com

Military Specification

MIL-DTL-3661C-Lampholders, Indicator Lights, Indicator-Light Housings, Indicator-Light Lenses

Military Designation	Dialight Part No.	Military Designation	Dialight Part No.	Military Designation	Dialight Part No.
LC11BN2.....	178-0334-500	LC17GN3.....	203-0132-203	LC23BN3.....	209-0134-203
LC11BT2.....	178-0374-500	LC17RD3.....	203-0111-203	LC23CD3.....	209-0117-203
LC11CN2.....	*178-0337-500	LC17RN3.....	*203-0131-203	LC23CN3.....	*209-0137-203
LC11GN2.....	178-0332-500	LC17WT3.....	*203-0135-203	LC23GD3.....	209-0112-203
LC11GT2.....	178-0372-500	LC17YD3.....	203-0113-203	LC23GN3.....	209-0132-203
LC11RN2.....	*178-0331-500	LC17YN3.....	*203-0133-203	LC23RD3.....	209-0111-203
LC11RT2.....	178-0371-500	LC18BD3.....	204-0114-203	LC23RN3.....	*209-0131-203
LC11WT2.....	178-0375-500	LC18BN3.....	204-0134-203	LC23WT3.....	*209-0135-203
LC11YN2.....	*178-0333-500	LC18CD3.....	204-0117-203	LC23YD3.....	209-0113-203
LC11YT2.....	178-0373-500	LC18CN3.....	*204-0137-203	LC23YN3.....	*209-0133-203
LC12BN2.....	162-0934	LC18GD3.....	204-0112-203	LC24BD3.....	210-0114-203
LC12BT2.....	162-0974	LC18GN3.....	204-0132-203	LC24BN3.....	210-0134-203
LC12CN2.....	*162-0937	LC18RD3.....	204-0111-203	LC24CD3.....	210-0117-203
LC12GN2.....	162-0932	LC18RN3.....	*204-0131-203	LC24CN3.....	*210-0137-203
LC12GT2.....	162-0972	LC18YD3.....	204-0113-203	LC24GD3.....	210-0112-203
LC12RN2.....	*162-0931	LC18YN3.....	*204-0133-203	LC24GN3.....	210-0132-203
LC12RT2.....	162-0971	LC19BD3.....	169-1114-203	LC24RD3.....	210-0111-203
LC12WT2.....	162-0975	LC19BN3.....	169-1134-203	LC24RN3.....	*210-0131-203
LC12YN2.....	*162-0933	LC19CD3.....	169-1117-203	LC24WT3.....	*210-0135-203
LC12YT2.....	162-0973	LC19CN3.....	*169-1137-203	LC24YD3.....	210-0113-203
LC13CN2.....	*137-0937	LC19GD3.....	169-1112-203	LC24YN3.....	*210-0133-203
LC13RN2.....	*137-0931	LC19GN3.....	169-1132-203	LC25BN2.....	239-0334-500
LC13WT2.....	*137-0935	LC19RD3.....	169-1111-203	LC25BT2.....	239-0374-500
LC13YN2.....	*137-0933	LC19RN3.....	*169-1131-203	LC25CN2.....	*239-0337-500
LC14BD3.....	081-0114-203	LC19WT3.....	*169-1135-203	LC25GN2.....	239-0332-500
LC14BN3.....	081-0134-203	LC19YD3.....	169-1113-203	LC25GT2.....	239-0372-500
LC14CD3.....	081-0117-203	LC19YN3.....	*169-1133-203	LC25RN2.....	*239-0331-500
LC14CN3.....	*081-0137-203	LC20BN3.....	169-1194-203	LC25RT2.....	239-0371-500
LC14GD3.....	081-0112-203	LC20CN3.....	*169-1197-203	LC25WT2.....	239-0375-500
LC14GN3.....	081-0132-203	LC20GN3.....	169-1192-203	LC25YN2.....	*239-0333-500
LC14RD3.....	081-0111-203	LC20RN3.....	*169-1191-203	LC25YT2.....	239-0373-500
LC14RN3.....	*081-0131-203	LC20WT3.....	*169-1195-203	LC29BN2.....	162-1434
LC14WT3.....	*081-0135-203	LC20YN3.....	*169-1193-203	LC29BT2.....	162-1474
LC14YD3.....	081-0113-203	LC21BD3.....	051-0114-203	LC29CN2.....	*162-1437
LC14YN3.....	*081-0133-203	LC21BN3.....	051-0134-203	LC29GN2.....	162-1432
LC15BD3.....	026-1114-203	LC21CD3.....	051-0117-203	LC29GT2.....	162-1472
LC15BN3.....	026-1134-203	LC21CN3.....	*051-0137-203	LC29RN2.....	*162-1431
LC15CN3.....	*026-1137-203	LC21GD3.....	051-0112-203	LC29RT2.....	162-1471
LC15GD3.....	026-1112-203	LC21GN3.....	051-0132-203	LC29WT2.....	162-1475
LC15GN3.....	026-1132-203	LC21RD3.....	051-0111-203	LC29YN2.....	*162-1433
LC15RD3.....	026-1111-203	LC21RN3.....	*051-0131-203	LC29YT2.....	162-1473
LC15RN3.....	*026-1131-203	LC21WT3.....	*051-0135-203	LC30BN3.....	250-3534-500
LC15WT3.....	*026-1135-203	LC21YD3.....	051-0113-203	LC30GN3.....	250-3532-500
LC15YD3.....	026-1113-203	LC21YN3.....	*051-0133-203	LC30RN3.....	250-3531-500
LC15YN3.....	*026-1133-203	LC22BD3.....	080-0514-203	LC30WT3.....	250-3535-500
LC16BN3.....	026-1194-203	LC22BN3.....	080-0534-203	LC30YN3.....	250-3533-500
LC16CN3.....	*026-1197-203	LC22CD3.....	080-0517-203	LC32BT2.....	250-1474-500
LC16GN3.....	026-1192-203	LC22CN3.....	*080-0537-203	LC32GT2.....	250-1472-500
LC16RN3.....	*026-1191-203	LC22GD3.....	080-0512-203	LC32RT2.....	250-1471-500
LC16WT3.....	*026-1195-203	LC22GN3.....	080-0532-203	LC32WT2.....	250-1475-500
LC16YN3.....	*026-1193-203	LC22RD3.....	080-0511-203	LC32YT2.....	250-1473-500
LC17BD3.....	203-0114-203	LC22RN3.....	*080-0531-203	LC33CN2.....	*130-0937-003
LC17BN3.....	203-0134-203	LC22WT3.....	*080-0535-203	LC33RN2.....	*130-0931-003
LC17CD3.....	203-0117-203	LC22YD3.....	080-0513-203	LC33WT2.....	*130-0935-003
LC17CN3.....	*203-0137-203	LC22YN3.....	*080-0533-203	LC33YN2.....	*130-0933-003
LC17GD3.....	203-0112-203	LC23BD3.....	209-0114-203	LC34CN2/DO2.....	*271-0171

* Can be used with Based LED Replacement Lamps

Military Specification

MIL-DTL-3661C-Lampholders, Indicator Lights, Indicator-Light Housings, Indicator-Light Lenses

Military Designation	Dialight Part No.	Military Designation	Dialight Part No.	Military Designation	Dialight Part No.
LC34CN2/SO2	*271-0272	LH90/1	370-8738-504	MS18236-1YN	507-5338-0933-630
LC34EN2/DO2	*271-0111	LH90/2	371-8738-14-504	MS18236-2CN	507-5337-0937-670
LC34EN2 /EN2	*271-3111	LH90/3	371-8760-14-504	MS18236-2RN	507-5337-0931-670
LC34EN2/SO2	*271-0212	LH92/1	271-8430-702	MS18236-2WT	507-5337-0935-670
LC35BN2	128-0934-003	LHC82/1BT2	252-9951-0974	MS18236-2YN	507-5337-0933-670
LC35BT2	128-0974-003	LHC82/1CN2	252-9951-0937	MS18237-1CN	507-5338-1537-630
LC36GD2	160-0112-203	LHC82/1GT2	252-9951-0972	MS18237-1RN	507-5338-1531-630
LC36RD2	160-0111-203	LHC82/1RT2	252-9951-0971	MS18237-1WT	507-5338-1535-630
LC36YD2	160-0113-203	LHC82/1WT2	252-9951-0975	MS18237-1YN	507-5338-1533-630
LC37BD2	161-0114-203	LHC82/1YT2	252-9951-0973	MS18237-2CN	507-5337-1537-670
LC37CD2	161-0117-203	MS18235-1BT	507-3909-1474-600	MS18237-2RN	507-5337-1531-670
LC37GD2	161-0112-203	MS18235-1CN	507-3909-1437-600	MS18237-2WT	507-5337-1535-670
LC37RD2	161-0111-203	MS18235-1GT	507-3909-1472-600	MS18237-2YN	507-5337-1533-670
LC37YD2	161-0113-203	MS18235-1RT	507-3909-1471-600	MS18238-1	507-6022-1437-600
LH73/1	359-8430-09-502	MS18235-1WT	507-3909-1475-600	MS18238-2	507-6023-1437-600
LH73/2	362-8430-09-702	MS18235-1YT	507-3909-1473-600	MS25256-2	*162-8430-0933-502
LH74/1	361-8836-09-552	MS18235-2BT	507-3914-1474-600	MS25256-4	162-8430-0932-502
LH74/2	361-8864-09-522	MS18235-2CN	507-3914-1437-600	MS25256-6	*162-8430-0931-502
LH74/3	364-8836-09-752	MS18235-2GT	507-3914-1472-600	MS25256-8	*162-8430-0937-502
LH74/4	364-8864-09-722	MS18235-2RT	507-3914-1471-600	MS25256-10	162-8430-0975-502
LH76/1	373-0408-01-273	MS18235-2WT	507-3914-1475-600	MS25256-12	162-8430-0934-502
LH76/2	373-0463-01-223	MS18235-2YT	507-3914-1473-600	MS25257-2	137-8836-0933-552
LH76/3	373-0410-01-203	MS18235-3BT	507-3918-1474-600	MS25257-4	137-8836-0931-552
LH77/1	377-0408-11-273	MS18235-3CN	507-3918-1437-600	MS25257-6	137-8836-0937-552
LH77/2	377-0463-11-223	MS18235-3GT	507-3918-1472-600	MS25446-2**	252-9951-0974
LH77/3	377-0410-11-203	MS18235-3RT	507-3918-1471-600	MS25446-3**	252-9951-0972
LH79/1	378-3404-01-203	MS18235-3WT	507-3918-1475-600	MS25446-4**	252-9951-0971
LH80/1	378-3402-01-203	MS18235-3YT	507-3918-1473-600	MS25446-5**	252-9951-0975
LH88/1	366-8836-09-553	MS18236-1CN	507-5338-0937-630	MS25446-6**	252-9951-0973
LH88/2	366-8864-09-523	MS18236-1RN	507-5338-0931-630	MS25446-7**	252-9951-0937
LH89/1	367-8430-09-503	MS18236-1WT	507-5338-0935-630		

** See LHC82/1

Military Specification

MIL-L-7806-Light, Panel Plastic Plate Lighting

MS25010A11A	*270-1930-0111-702	MS25010B11A	*270-1830-0111-702	MS25010C11B	*271-8430-0111-702
MS25010A12A	*270-1930-0171-702	MS25010B12A	*270-1830-0171-702	MS25010C12B	*271-8430-0171-702
MS25010A13A	*270-1930-3111-702	MS25010B13A	*270-1830-3111-702	MS25010C13B	*271-8430-3111-702
MS25010A14A	CONSULT FACTORY	MS25010B14A	CONSULT FACTORY	MS25010C14B	*271-8430-3171-702
MS25010A15A	*270-1930-0212-702	MS25010B15A	*270-1830-0212-702	MS25010C15B	*271-8430-0212-702
MS25010A16A	*270-1930-0272-702	MS25010B16A	*270-1830-0272-702	MS25010C16B	*271-8430-0272-702

Military Specification

MIL-L-7961C-Light, Indicator, Press-to-Test

MS25041-1	*801-1030-0337-504	MS25041-7	800-1030-0332-504	MS25331-3	804-1710-0332-504
MS25041-2	*801-1030-0331-504	MS25041-8	*800-1030-0333-504	MS25331-4	804-1710-0333-504
MS25041-3	801-1030-0332-504	MS25041-10	801-1030-0334-504	MS25331-5	803-1710-0337-504
MS25041-4	*801-1030-0333-504	MS25041-11	800-1030-0334-504	MS25331-6	803-1710-0331-504
MS25041-5	*800-1030-0337-504	MS25331-1	804-1710-0337-504	MS25331-7	803-1710-0332-504
MS25041-6	*800-1030-0331-504	MS25331-2	804-1710-0331-504	MS25331-8	803-1710-0333-504

* Can be used with Based LED Replacement Lamps

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