Dialight

LED Panel Mount Indicator Catalog

For LED and Relampable Products



Dialight
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Farmingdale, NJ 07727
www.dialightsignalsandcomponents.com

APRIL 2021

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 [herein/above/below], Dialight disclaims any and all other warranties, express or implied, including, without limitation, any warranties of merchantability, fitness for a particular purpose, title, and noninfringement.

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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)

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

670 Series | 0.205"-0.642" (5mm–16mm)

LED Bulbs 73

Based LED Bulbs

Incandescent Lamp / Based LED Cross-reference guide

Relampable Lampholders and Caps* 96

- 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 101

Military Panel Mount Indicators

Military Cross Reference Guide

*Dimensions are mounting hole diameter.

249 Series
Front or Rear Panel Mount Indicators



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:

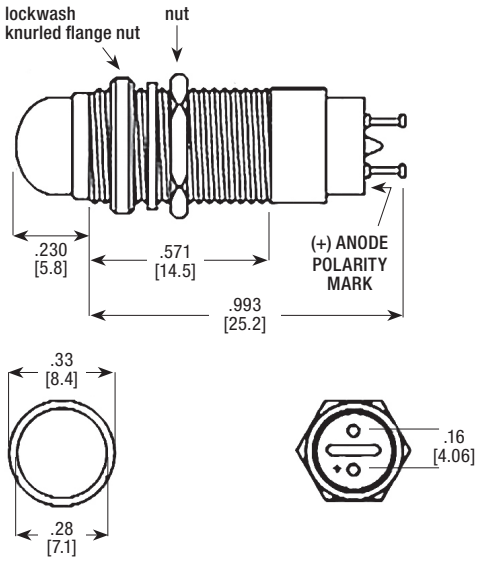
- Main and remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation
- Process control

. . . and many more!

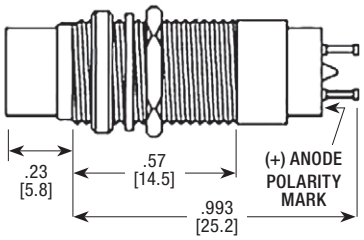
Dimensions

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 V DC (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 (V DC)*	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	5	10	1500
249-7868-3731-504F	Red		20	170
249-7968-3732-504F	Green			100
249-8068-3733-504F	Yellow			150
249-4166-3734-504F	Blue	10	10	1500
249-7870-3731-504F	Red		20	170
249-7970-3732-504F	Green			100
249-8070-3733-504F	Yellow			150
249-4167-3734-504F	Blue	14	10	1500
249-7871-3731-504F	Red		20	170
249-7971-3732-504F	Green			100
249-8071-3733-504F	Yellow			150
249-4168-3734-504F	Blue	28	10	1500
249-7872-3731-504F	Red		20	170
249-7972-3732-504F	Green			100
249-8072-3733-504F	Yellow			150

Cylindrical Lens

Dialight P/N	Color	Voltage (V DC)*	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	5	10	700
249-7868-3331-504F	Red		20	55
249-7968-3332-504F	Green			40
249-8068-3333-504F	Yellow			75
249-4166-3334-504F	Blue	10	10	700
249-7870-3331-504F	Red		20	55
249-7970-3332-504F	Green			40
249-8070-3333-504F	Yellow			75
249-4167-3334-504F	Blue	14	10	700
249-7871-3331-504F	Red		20	55
249-7971-3332-504F	Green			40
249-8071-3333-504F	Yellow			75
249-4168-3334-504F	Blue	28	10	700
249-7872-3331-504F	Red		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

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556 Series
Standard Panel Mount Indicators



Certifications & Ratings

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

Application

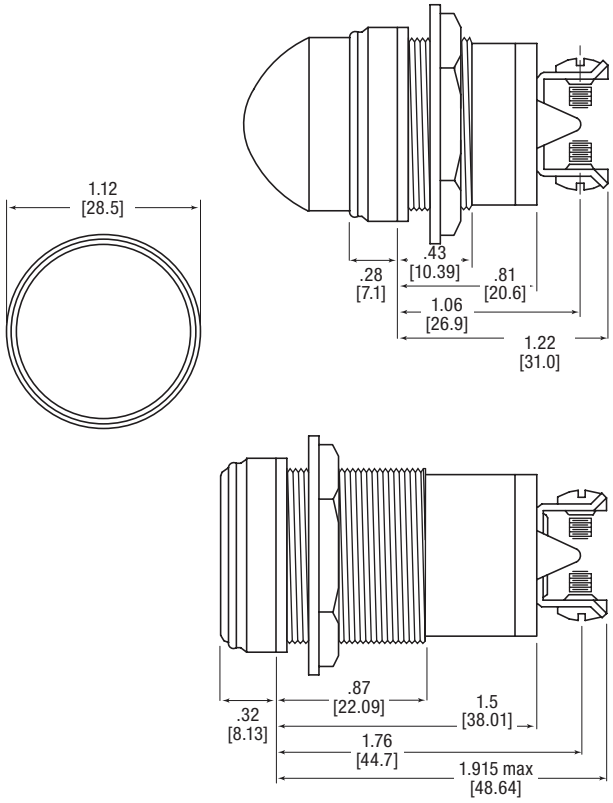
The 556 Series LED Panel Mount Indicators incorporate both InGaN and AlInGaP technologies to offer maximum light output. This is a highly durable package, designed to withstand outdoor applications susceptible to rain, dust and sunlight:

- 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 V DC, and 125, 230 V AC (no resistor required)
Operating Temp:	-30 °C to +85 °C (-22 °F to +185 °F)
Storage Temp:	-40 °C to +100 °C (-40 °F to +212 °F)
Electrical Connection:	6-32 screw terminals
Housing:	Brass—White or Black Nickel Plated
Terminals:	Brass — Hot solder dip per Mil-F-14072D, M258, Type II
Lens Material:	Transparent Polycarbonate (UL 94V-0)
Lock Washer:	Phosphor Bronze — White or Black Nickel Plated
Nut:	Brass—White or Black Nickel Plated

RoHS COMPLIANT

Dialight

Ordering Information

556 Series — Standard, Flat Lens

Part Number Guide 556 Series — RoHS Compliant

5	5	6	-	X	X	X	X	-	X	0	4	F

Lens Style

Flat	1
Domed	3

Color

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

Voltage

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

*white nickel only

Plating

2	Black
3	White

Flat Lens

White Nickel	Black Nickel	Color	Voltage	Typ Current (mA)	Typical Intensity (mcd)
556-1003-304F	556-1003-204F	White	12 v dc	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 v dc	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 v dc	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 v dc	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 v dc	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 v ac	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 v ac	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

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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 v dc	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 v dc	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 v dc	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 v dc	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 v dc	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 v ac	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 v ac	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

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556 Series
Standard Panel Mount Indicators
Constant Intensity, 18–48 V DC



Certifications & Ratings

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

Application

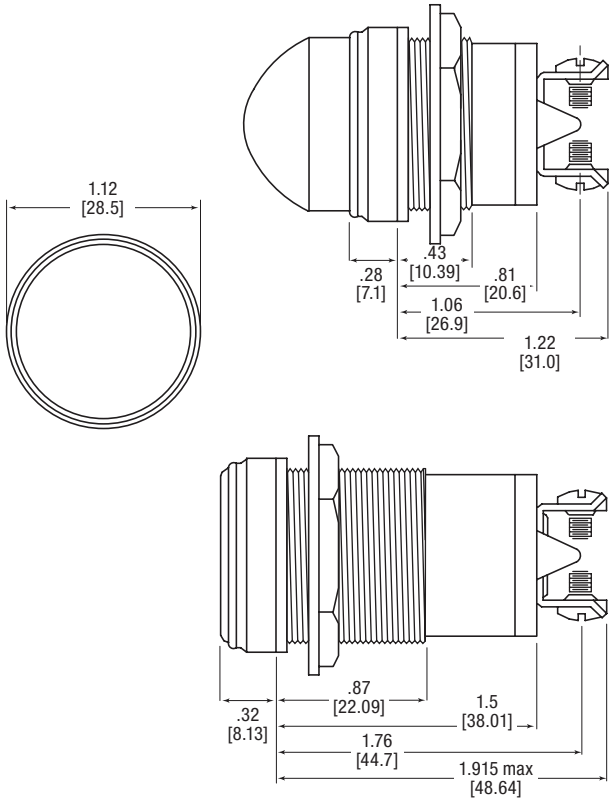
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- Instrument panels
- Safety applications
- Transportation: rail, bus, airline
- Vending, gaming
- Lane control
- Display lighting

. . . 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 V DC (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

RoHS COMPLIANT

Ordering Information

556 Series — Standard Constant Intensity

Part Number Guide 556 Series

RoHS Compliant

5	5	6	-	X	X	X	A	-	X	0	4	F

Lens Style
- Flat: 1
- Domed: 3

Color
- Red: 5 0
- Green: 6 0
- Yellow: 7 0

Voltage
- A: 18–48 VDC

Plating
- 2: Black
- 3: White

Flat Lens		Domed Lens					
White Nickel Plating	Black Nickel Plating	White Nickel Plating	Black Nickel Plating	Color	Voltage (vdc)	Typ Current (mA)	Typical Intensity (mcd)
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

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556 Series
Daylight Viewable Panel Mount Indicators



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

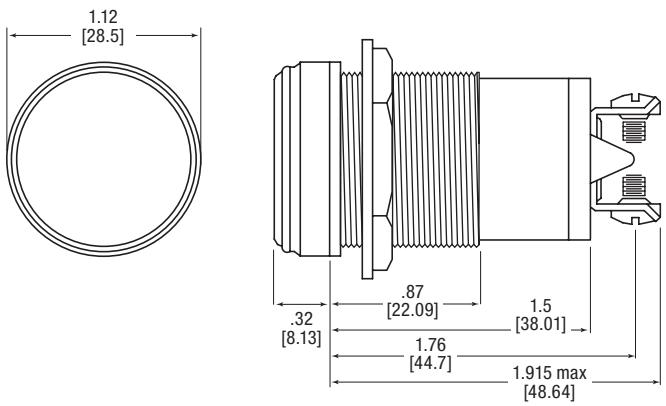
Mounting Hole Size:	1.0" (25.4 mm)
Max Panel Thickness:	0.600" (15.24 mm)
Mounting Torque:	40 in-lbs

Specifications

Voltage Options:	12 to 125 V DC, and 125, 230 V AC (no resistor required)
Operating Temp:	-30 °C to +85 °C (-22 °F to +185 °F)
Storage Temp:	-40 °C to +100 °C (-40 °F to +212 °F)
Electrical Connection:	6-32 screw terminals
Housing:	Brass—White or Black Nickel Plated
Terminals:	Brass — Hot solder dip per Mil-F-14072D, M258, Type II
Lens Material:	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]



Dialight

Part Number Guide 556 Series

RoHS Compliant

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

Color

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

Voltage

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

Plating

2	Black
3	White

*white nickel only

Ordering Information

556 Series — Daylight Viewable

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 V DC	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 V DC	10	14,000
556-1607-314F	—	Green			44,750
556-1707-314F	—	Yellow			8,250
556-1505-314F	—	Red	125 V AC	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 V AC	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

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556 Series
Daylight Viewable Panel Mount Indicators
Constant Intensity, 18–48 V DC



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

Application

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- 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

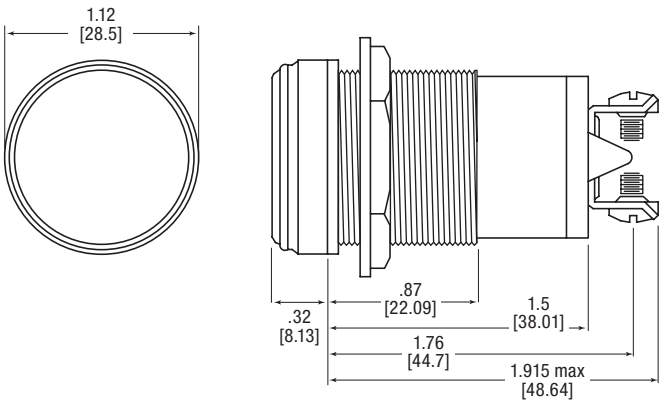
Mounting Hole Size:	1.0" (25.4 mm)
Max Panel Thickness:	0.600" (15.24 mm)
Mounting Torque:	40 in-lbs

Specifications

Voltage Options:	18–48 V DC (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

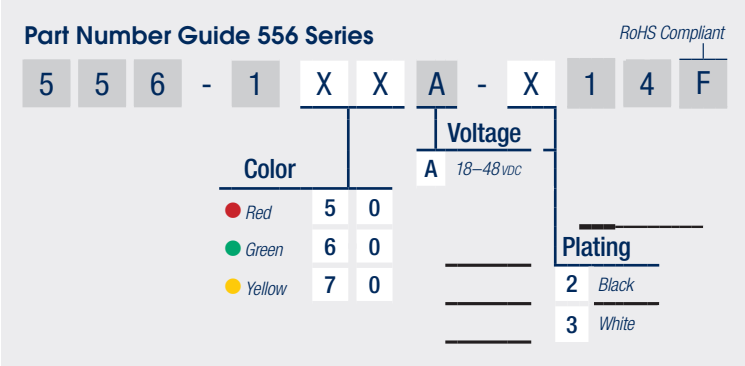
Dimensions

inches [mm]



Ordering Information

556 Series — Daylight Viewable Constant Intensity



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

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556 Series
Class 1, Div 2 Panel Mount Indicators



Certifications & Ratings

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

Application

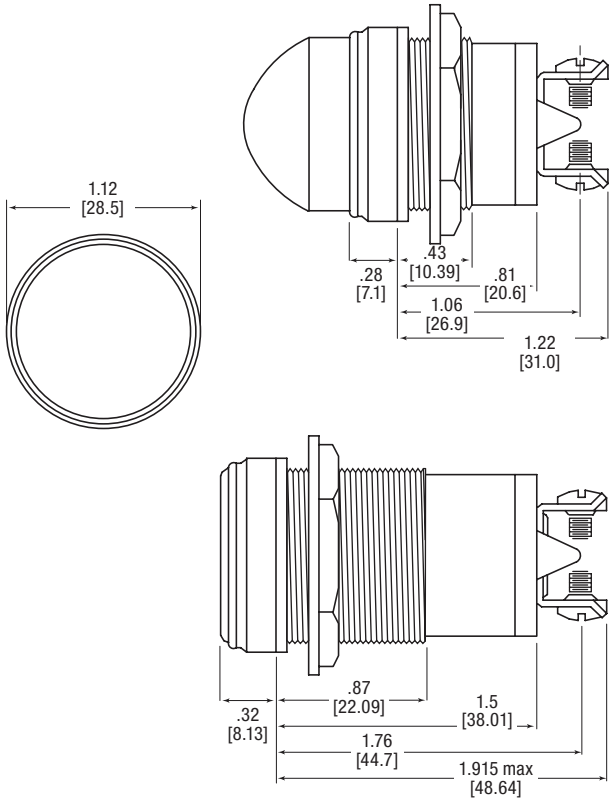
The 556 Series LED Panel Mount Indicators incorporate both InGaN and AlInGaP technologies to offer maximum light output. This is a highly durable package, designed to withstand outdoor applications susceptible to rain, dust and sunlight. In addition, the Class I, Division 2 rating allows for use in hazardous environments common to the oil and gas, mining, and chemical industries:

- Instrument panels
- Safety applications
- UL 508 panel applications
- Petrochemical applications
- Environmental Monitoring Equipment specifications
- Pump system controllers
- Mining application
- Oil Refineries
- Agricultural controls
- Power generators

. . . and many more!

Dimensions

inches [mm]



Mechanical information

Mounting Hole Size:	1.0" (25.4 mm)
Max Panel Thickness:	Flat: 0.600" (15.24 mm) Dome: 0.187" (4.27 mm)
Mounting Torque:	40 in-lbs

Specifications

Voltage Options:	12 to 125 V DC, and 125, 230 V AC (no resistor required)
Operating Temp:	-30 °C to +85 °C (-22 °F to +185 °F)
Storage Temp:	-40 °C to +100 °C (-40 °F to +212 °F)
Electrical Connection:	6-32 screw terminals
Housing:	Brass—White or Black Nickel Plated
Terminals:	Brass — Hot solder dip per Mil-F-14072D, M258, Type II
Lens Material:	Transparent Polycarbonate (UL 94V-0)
Lock Washer:	Phosphor Bronze — White or Black Nickel Plated
Nut:	Brass—White or Black Nickel Plated

RoHS COMPLIANT

Dialight

Part Number Guide 556 Series

RoHS Compliant

5	5	6	-	X	X	X	X	-	X	2	4	F

Lens Style

Flat	1
Domed	3

Color

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

Voltage

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

*white nickel only

Plating

2	Black
3	White

Ordering Information

556 Series — Class 1, Div 2, Flat Lens

Flat Lens

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

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d, including, without limitation, any warranties of merchantability, fitness for a

Ordering Information

556 Series — Class 1, Div 2, Domed Lens

Domed Lens

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

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557 Series
Daylight Viewable Panel Mount Indicators



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.

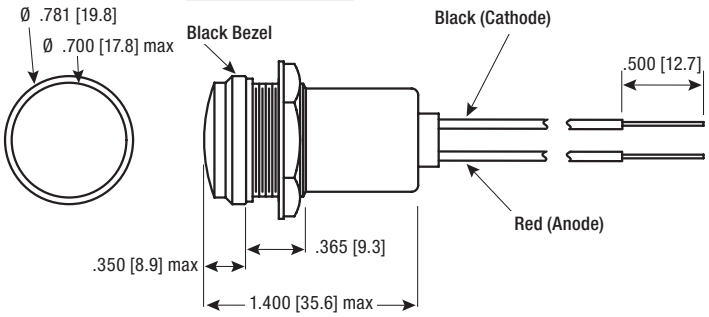
- Instrument panels
- Safety applications
- Transportation—rail, bus, airline
- Vending, gaming
- Lane control

. . . and many more!

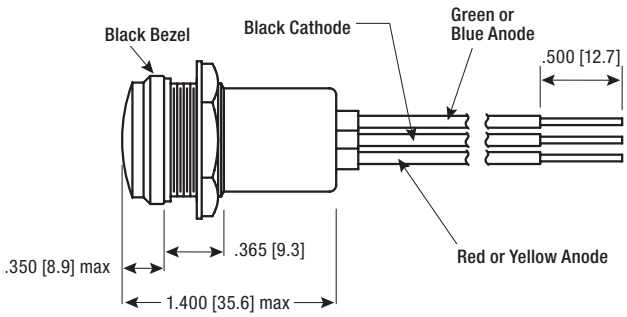
Dimensions

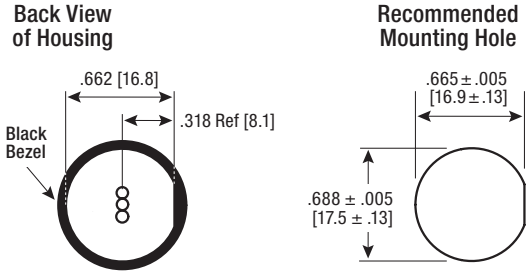
inches [mm]

Single Color



Bi-Color





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 V DC (bi-color: 5 V DC)
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

RoHS COMPLIANT

Ordering Information

557 Series

Part Number Guide

RoHS Compliant

5 5 7 - 1 X X X - 2 0 3 F

Color

White	0 0
Red	5 0
Green	6 0
Yellow	7 0
Blue	8 0
Red / Green	4 1
Red / Blue	4 2
Yellow / Green	4 3
Yellow / Blue	4 4
Yellow / Red	4 5

Voltage

2	5 VDC
3	12 VDC*
4	24 VDC*
5	28 VDC*

**single color only*

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
557-1703-203F	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

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558 Series
Snap-in LED .156" (3.96 mm) Mounting Hole



Certifications & Ratings

- RoHS Compliant

Application

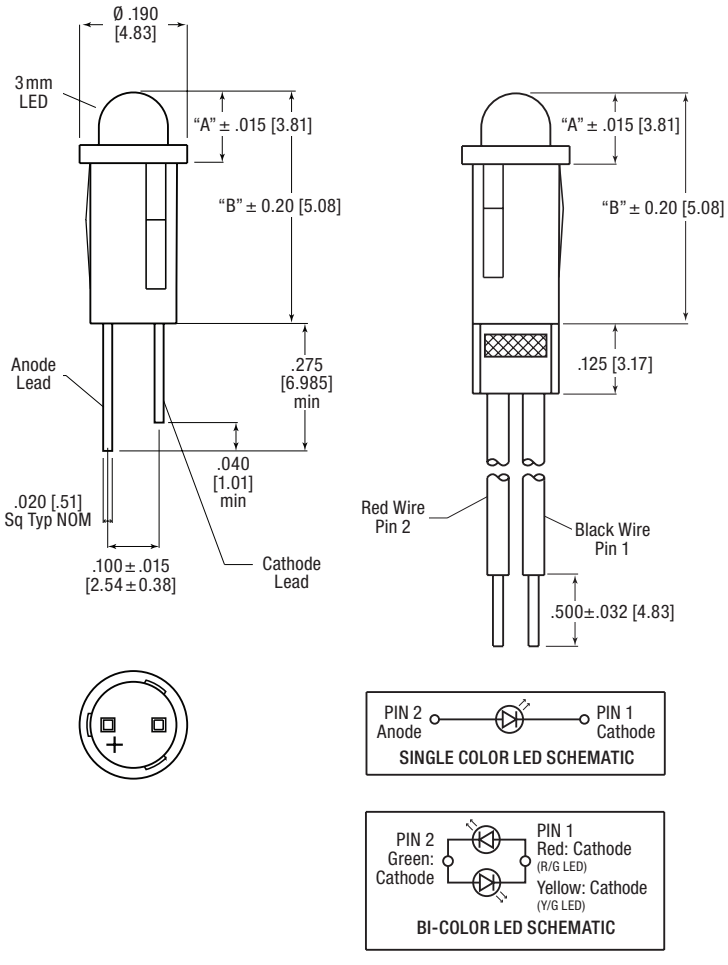
Dialight's 558 series LED panel mount indicator is available with a variety of LEDs including AlInGaP and InGaN technology for high brightness applications, bi-color and integral resistors. These indicators are designed for a variety of applications such as:

- 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!

Dimensions

inches [mm]



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 – 3.3 V DC typical, 5 V DC 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

Dialight

Ordering Information

558 Series

Part Number Guide *RoHS Compliant*

5 5 8 - X X X X - 0 X X F

LED Code *(see below)*

Wire Code

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. (V DC)	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		
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				
0401	Orange	600	7	10	1.9	60	25		-55 °C to +85 °C	0.101	0.381
1801	Red	660	60	20	1.8	60	40		-55 °C to +100 °C		
0803	Blue	468	57	10	3.2	100	30	Low Current Diffused	-40 °C to +100 °C	0.107	0.387
1101	Red	635	2.4	2	1.7	60	7			0.101	0.381
1201	Yellow	585	1.4	2	1.8	60	7		-55 °C to +100 °C		
1301	Green	565	1.6	2	1.9	60	7	Non-Tinted / Non-Diffused			
0501	Green	565	70	20	2.1	45	30		-40 °C to +100 °C		
0601	Yellow	592	200	20	1.9	45	50				
0701	Red	660	170	20	1.8	45	40		-40 °C to +85 °C		
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		
1601	Yellow	585	70	20	2.1	45	20				
1701	Red	660	170	20	1.8	45	40		-40 °C to +100 °C		
6203	Green	518	85	2	2.1	100	30	White Diffused	-45 °C to +85 °C		

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559 Series

Snap-in LED .250" (6.35 mm) Mounting Hole



Certifications & Ratings

- RoHS compliant

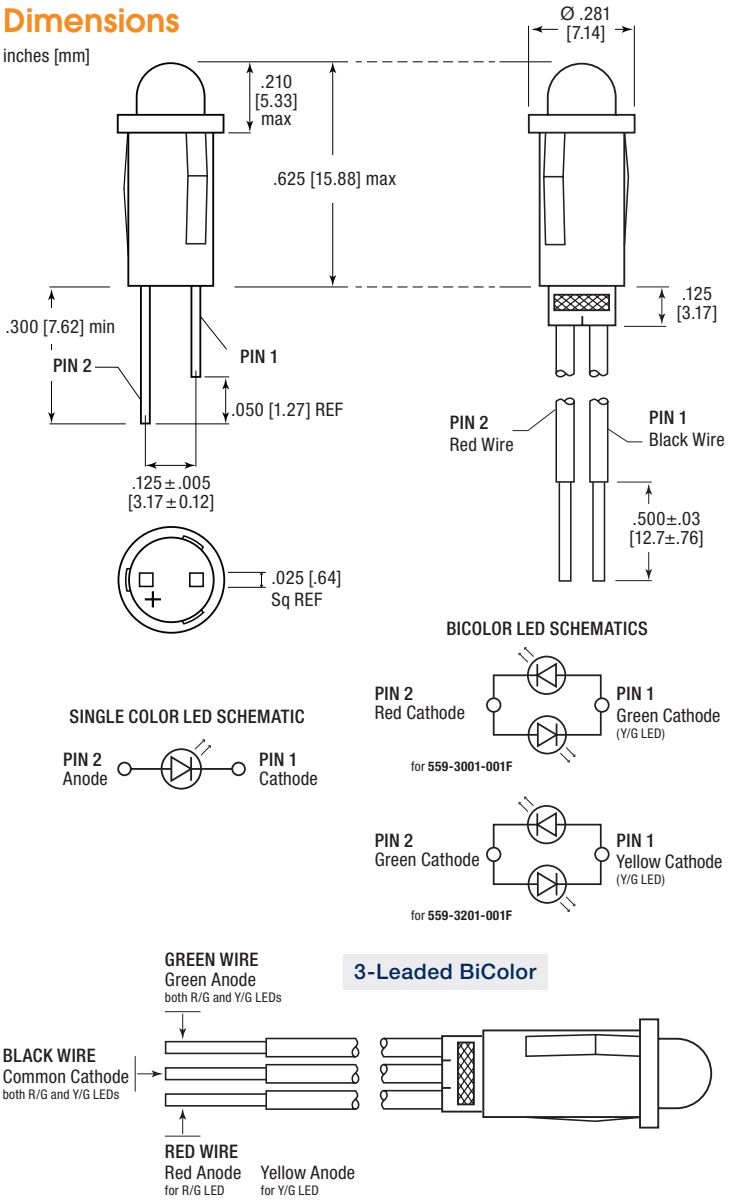
Application

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



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

Dialight

Ordering Information 559 Series

Part Number Guide

5	5	9	-	X	X	X	X	-	0	X	X	F

LED Code (see below)

Wire Code

Standard	0
PVC Free	2

Termination Code

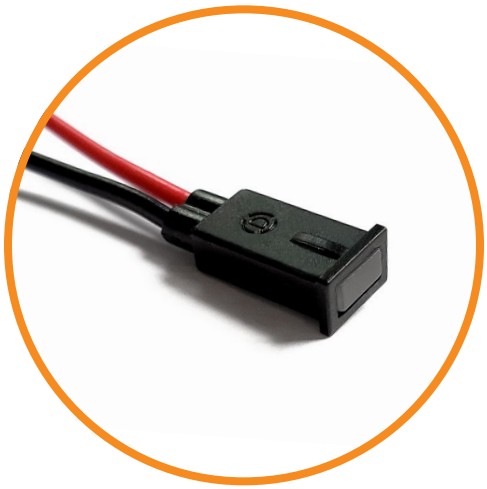
Straight Terminals	1
24 AWG 6" wire leads	3
24 AWG 14" wire leads	7

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		
2301	Yellow	585	29		1.9	50	20		-55 °C to +100 °C
2501	Orange	600	7		1.9	60	30		
5101	Red	650	34	20	2.1	50	25		
5201	Green	563	34		2.2	50	25		
5301	Yellow	585	34		2.2	50	25		
5401	Orange	610	34		2.2	50	25		-20 °C to +85 °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		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	10	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		

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559 Rectangle Series
Snap-in LED
0.216 x 0.139" (5.49 x 3.53 mm) Mounting Hole



Certifications & Ratings

- RoHS compliant

Application

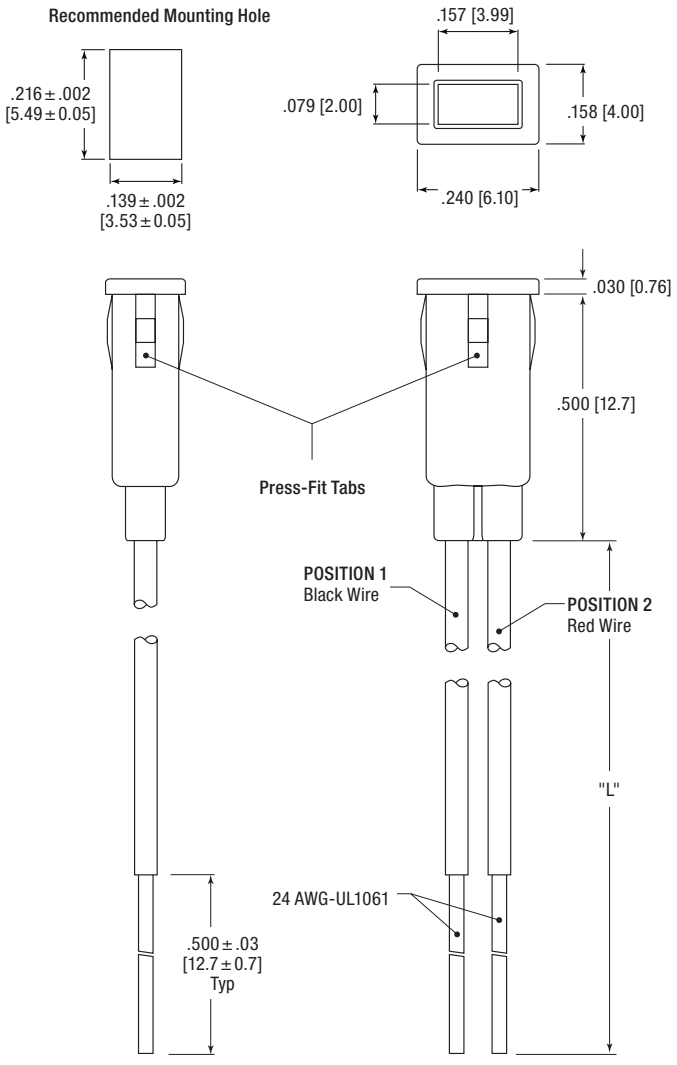
Dialight's 559 series LED panel mount indicator is available with a variety of LEDs including AlInGaP and InGaN technology for high brightness applications, bicolor and integral resistors.

- 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]



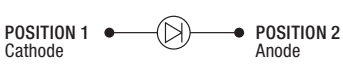
Mechanical Information

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)

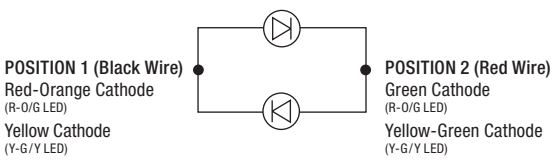
Specifications

Voltage Options:	1.6 – 2.3 V 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
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	
559-8120-007F	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	-40 °C to +100 °C

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605 Series
5 mm Panel Mount Indicators



Certifications & Ratings

- RoHS compliant

Application

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

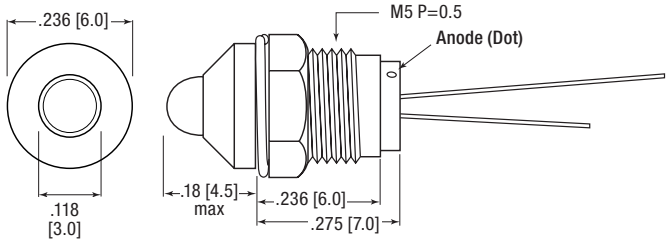
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

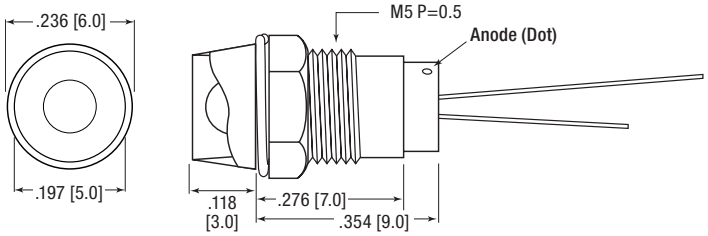
Dimensions

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 V DC (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 (V DC)	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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nitation, any warranties of merchantability, fitn
particular purpose, title, and nonintringement.

606 Series
6 mm Panel Mount Indicators



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

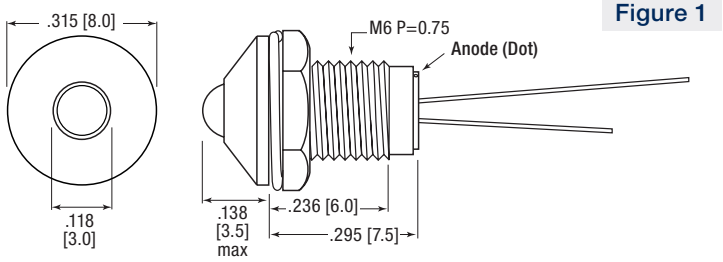


Figure 2

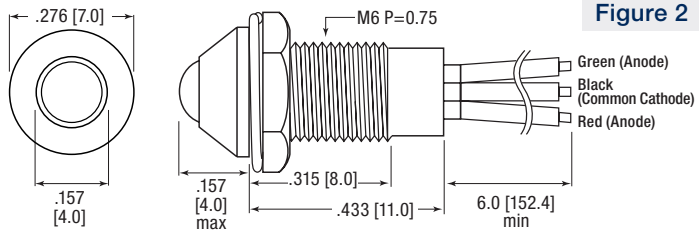


Figure 3

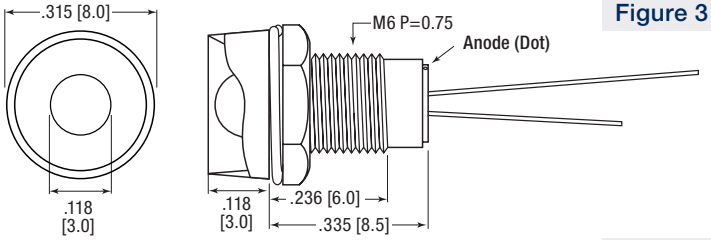
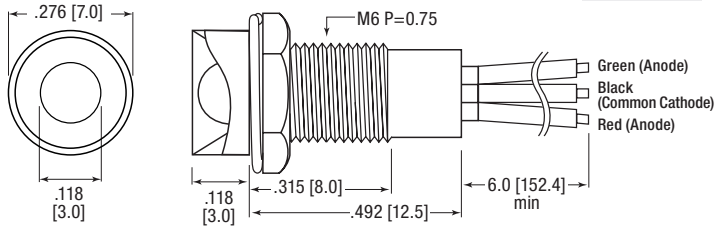


Figure 4



Mechanical Information

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

Specifications

Voltage Options:	2 VDC (resistor required) 6 and 12 VDC / bi-color (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:	Through hole and 24 AWG wire leads (bi-color only)
Housing:	Brass—Chrome Plated
Terminals:	Copper—Nickel Plated
Wire Leads:	6" on bi-color only
Lock washer:	Iron—Nickel Plated
Nut:	Brass—Nickel Plated

Ordering Information 606 Series

Part Number	Color	Voltage (V DC)	Current (mA)	Typical Intensity* (mcd)	LED Position	Finish	Figure
606-1111-110F	Red	2	5	45	Protruding	Chrome	1
606-1211-110F	Green		15	70			
606-1311-110F	Yellow			60			
606-1215-110F	Green			70			1 w/ Wire Leads
606-1415-110F	Red/Green		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		3
606-2211-110F	Green		15	70			
606-2311-110F	Yellow			60			
606-2415-110F	Red/Green		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)

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607 Series
7 mm Panel Mount Indicators



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!

Dimensions

inches [mm]

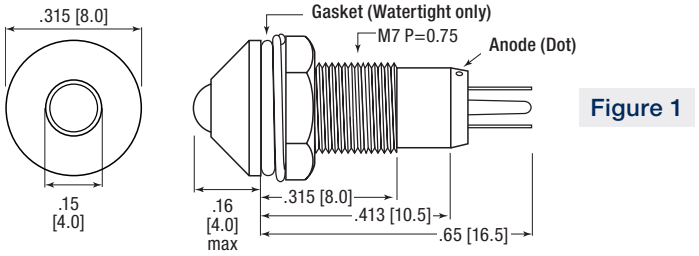


Figure 1

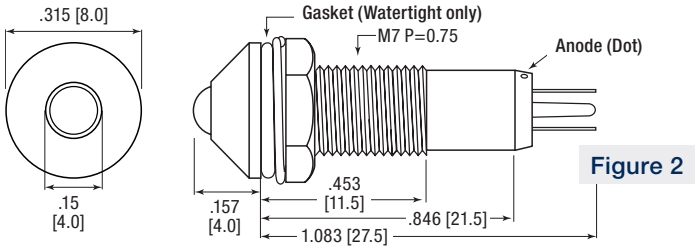


Figure 2

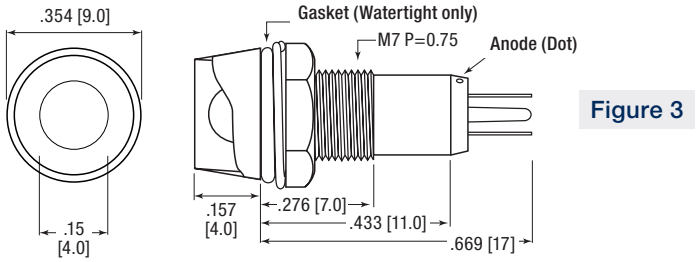


Figure 3

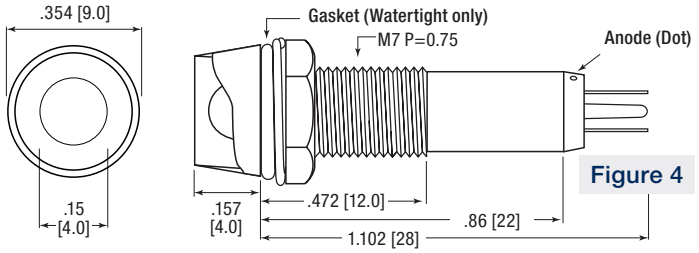


Figure 4

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

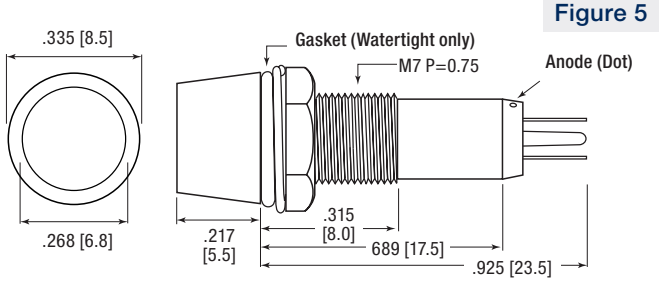


Figure 5

Ordering Information 607 Series

Standard	Watertight							
Part Number	Part Number	Color	Voltage (V DC)	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		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			
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		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			
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			
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			
607-3232-140F	607-3232-340F	Green			45			
607-3332-140F	607-3332-340F	Yellow			40			

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608 Series
8 mm Panel Mount Indicators



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!

Figure 1

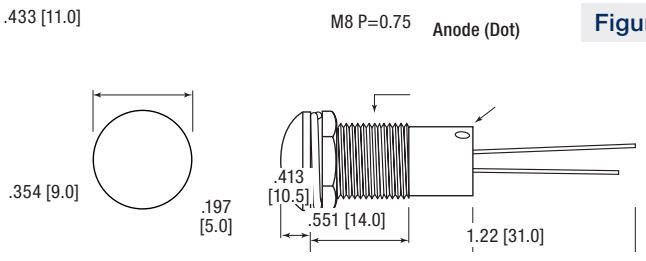


Figure 2

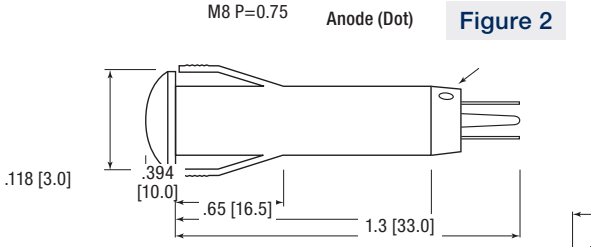


Figure 3

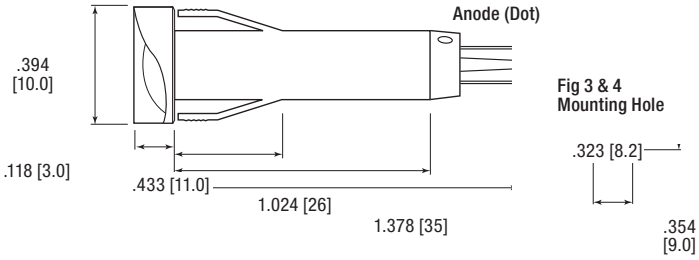
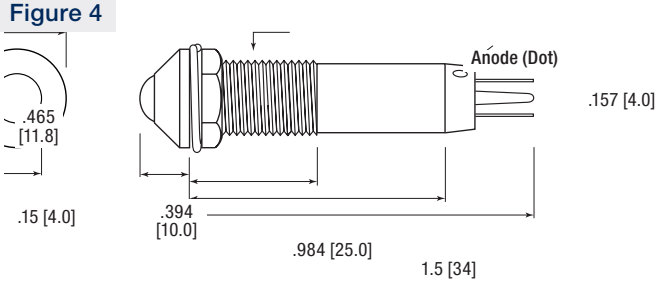


Figure 4



Mechanical Information

Mounting Hole Size:	0.323" (8.2 mm) (Fig. 1 & 2), Snap-Fit see Fig. 3 & 4
Max Panel Thickness:	See part numbers
Mounting Torque:	0.217 lbs/ft or 3 kg/cm (Fig. 1 & 2 only)

Specifications

Voltage Options:	2 VDC (resistor required) 6, 12 & 24 VDC (no 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:	Leads (Fig. 1 & 2), Solder terminals (Fig. 3 & 4)
Housing:	Polycarbonate
Terminals:	Copper — Nickel Plated
Lock Washer:	Iron — Nickel Plated
Nut:	Brass — Nickel Plated

RoHS COMPLIANT

Ordering Information 608 Series

Part Number	Color	Voltage (V DC)	Current (mA)	Typical Intensity (mcd)	Figure	Panel Thickness
Lock Washer & Nut						
608-1131-110F	Red	2	15	25	1	0.236" (6 mm)
608-1231-110F	Green			30		
608-1331-110F	Yellow			15		
608-3131-110F	Red			25	2	
608-3231-110F	Green			30		
608-3331-110F	Yellow			15		
Snap-Fit						
608-1132-220F	Red	6	15	75	3	0.197" (5 mm)
608-1232-220F	Green			140		
608-1332-220F	Yellow			120		
608-1132-230F	Red	12		75		
608-1232-230F	Green			140		
608-1332-230F	Yellow			120		
608-1132-240F	Red	24		75		
608-1232-240F	Green			140		
608-1332-240F	Yellow			120		
608-2132-220F	Red	6		75	4	
608-2232-220F	Green			130		
608-2332-220F	Yellow			115		
608-2132-230F	Red	12		75		
608-2232-230F	Green			130		
608-2332-230F	Yellow			115		
608-2132-240F	Red	24		75		
608-2232-240F	Green			130		
608-2332-240F	Yellow			115		

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609 Series
9 mm Panel Mount Indicators



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:

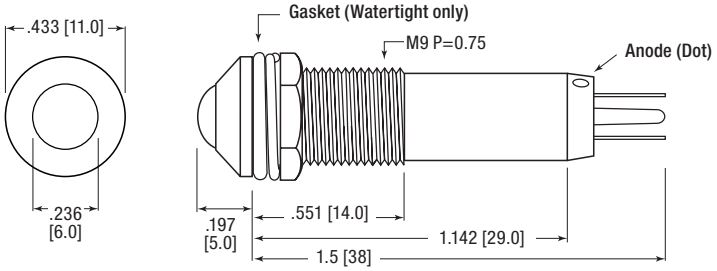
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

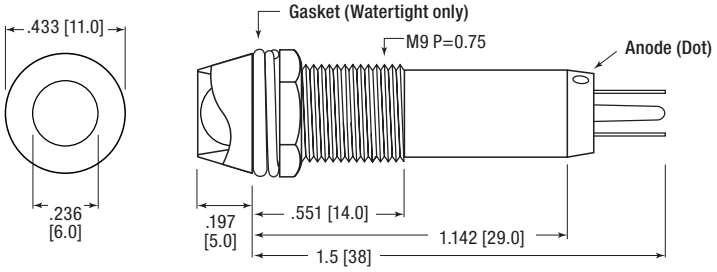
Dimensions

inches [mm]

Protruding



Recessed



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:	-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

RoHS COMPLIANT

Ordering Information 609 Series

Part Number Guide

RoHS Compliant

6 0 9 - X X X 2 - X X 0 F

LED Position
- Protruding 1
- Recessed 2

Color
- Red 1
- Green 2
- Yellow 3

Plating
- 1 Chrome
- 2 Black

Voltage
- 2 6VDC
- 3 12VDC
- 4 24VDC

Standard
- 1 Standard
- 3 Watertight

Protruding LED

Part Number Standard	Part Number Watertight	Color	Voltage (V DC)	Current (mA)	Intensity Typ. (mcd)	Plating
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 Standard	Part Number Watertight	Color	Voltage (V DC)	Current (mA)	Intensity Typ. (mcd)	Plating
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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Warranty Statement: Except for the warranty expressly provided for [herein/above/below], Dialight dis
particular purpose, title, and noninfringement.

610 Series
10 mm Panel Mount Indicators



Certifications & Ratings

- RoHS compliant

Application

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

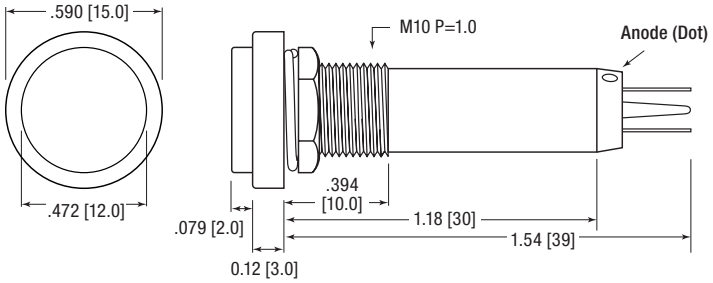
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

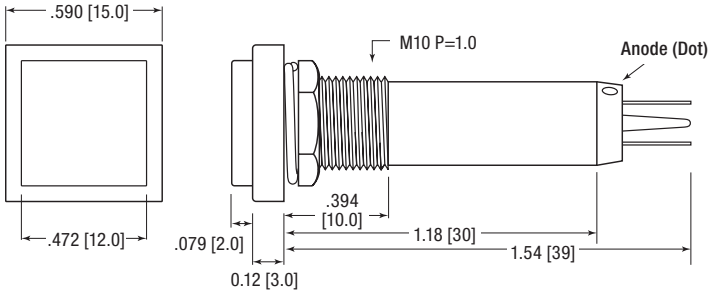
Dimensions

inches [mm]

Round



Square



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 V DC (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	

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612 Series
12 mm Panel Mount Indicators



Certifications & Ratings

- RoHS compliant

Application

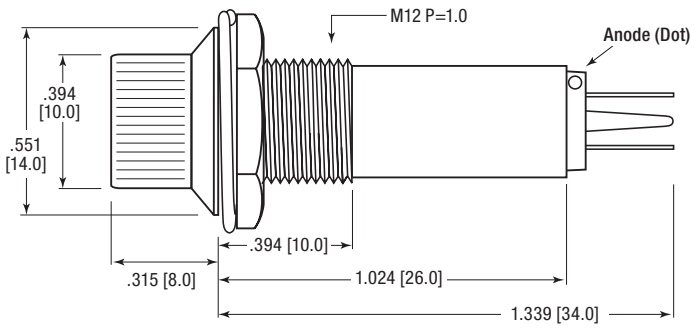
The 612 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- 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 V DC (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 (V DC)	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

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620 Series
8 mm Heavy Duty Panel Mount Indicators



Certifications & Ratings

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

Application

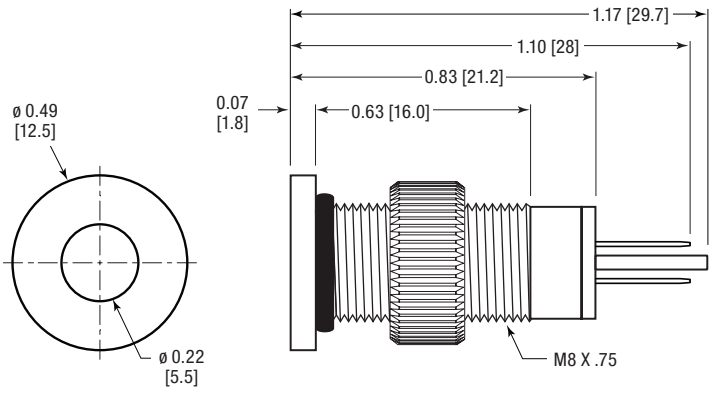
The 620 Series Heavy Duty LED Panel Mount Indicators are elegantly designed for a high-end aesthetic paired with sturdy construction. These indicators are non-magnetic, corrosion resistant for both indoor and outdoor use, and secured to prevent dirt, dust, and water penetration. Ideal for a variety of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

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

. . . and many more!

Dimensions

inches [mm]



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

Color

Red	1	0
Green	2	0
Yellow	3	0
Blue	4	0

Voltage

1	3 VDC
2	6 VDC
3	12 VDC
4	24 VDC

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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621 Series
22 mm Heavy Duty Panel Mount Indicators



Certifications & Ratings

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

Application

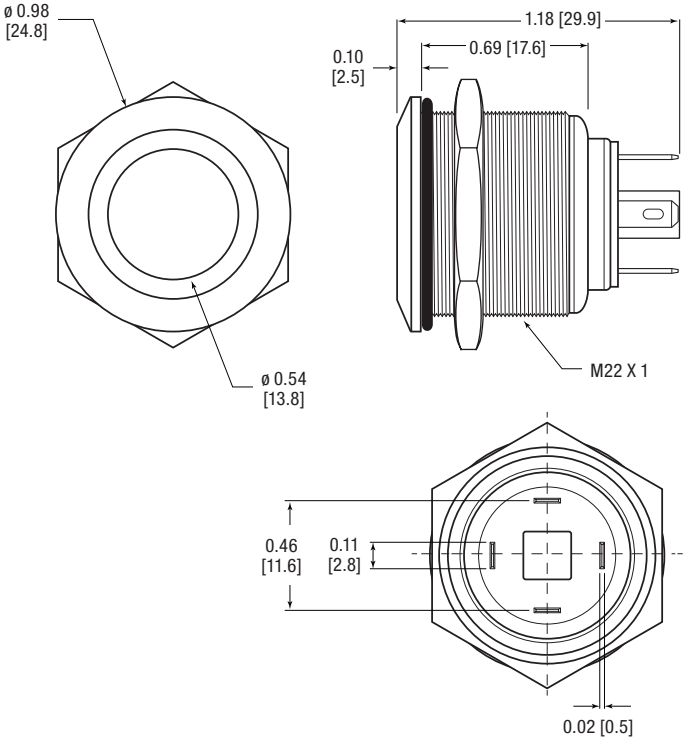
The 621 Series Heavy Duty LED Panel Mount Indicators are elegantly designed for a high-end aesthetic paired with sturdy construction. These indicators are non-magnetic, corrosion resistant for both indoor and outdoor use, and secured to prevent dirt, dust, and water penetration. Ideal for a variety of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

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

. . . and many more!

Dimensions

inches [mm]



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:	Solder terminals
Housing:	Stainless Steel
Terminals:	Stainless Steel
Nut:	Stainless Steel

Ordering Information 621 Series

Dialight P/N	Color	Voltage (V DC)	Current (mA)	Typical Intensity (mcd)
621-1121-304F	(TriColor) ●Red ●Green ●Blue	3	15	●Red: 200 ●Green: 250 ●Blue: 300
621-1122-304F		6		
621-1123-304F		12		
621-1124-304F		24		

Part Number Guide

RoHS Compliant

6	2	1	-	1	1	2	X	-	3	0	4	F

Voltage

1	3 VDC
2	6 VDC
3	12 VDC
4	24 VDC

Color

1	● Red ● Green ● Blue (TriColor)
2	

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622 Series
22 mm Heavy Duty Panel Mount Indicators



Certifications & Ratings

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

Application

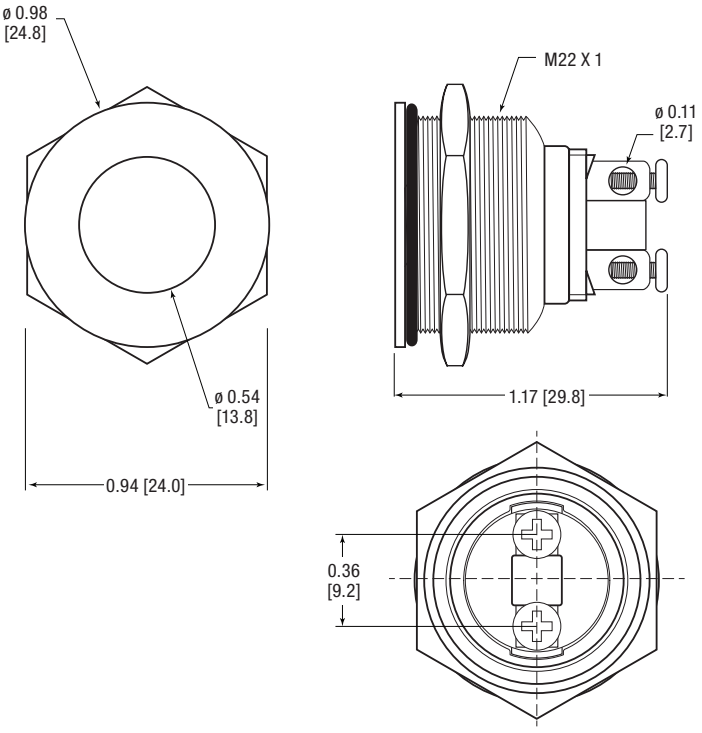
The 622 Series Heavy Duty LED Panel Mount Indicators are elegantly designed for a high-end aesthetic paired with sturdy construction. These indicators are non-magnetic, corrosion resistant for both indoor and outdoor use, and secured to prevent dirt, dust, and water penetration. Ideal for a variety of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

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

. . . and many more!

Dimensions

inches [mm]



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

Red	1	0
Green	2	0
Yellow	3	0
Blue	4	0

Voltage

1	3 VDC
2	6 VDC
3	12 VDC
4	24 VDC

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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623 Series
30 mm Heavy Duty Panel Mount Indicators



Certifications & Ratings

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

Application

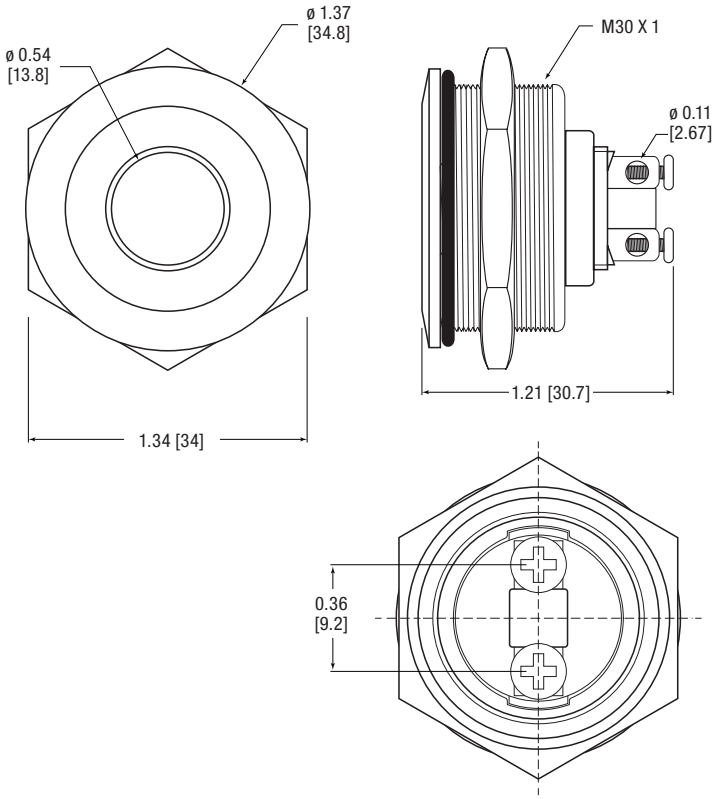
The 623 Series Heavy Duty LED Panel Mount Indicators are elegantly designed for a high-end aesthetic paired with sturdy construction. These indicators are non-magnetic, corrosion resistant for both indoor and outdoor use, and secured to prevent dirt, dust, and water penetration. Ideal for a variety of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

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

. . . and many more!

Dimensions

inches [mm]



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

Red	1	0
Green	2	0
Yellow	3	0
Blue	4	0

Voltage

1	3 VDC
2	6 VDC
3	12 VDC
4	24 VDC

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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630 Series
30 mm Panel Mount Indicators



Certifications & Ratings

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

Application

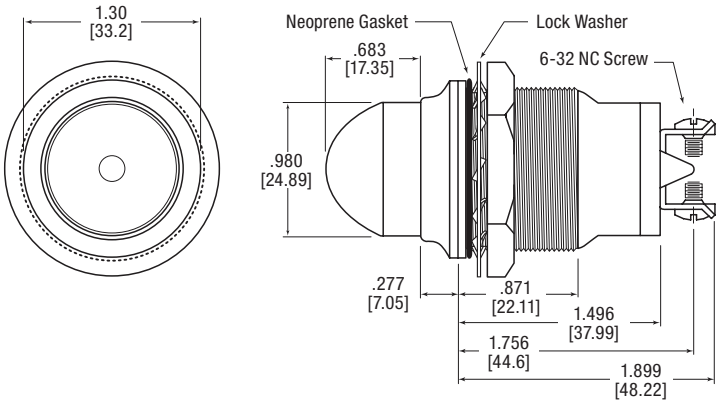
The 630 Series LED Panel Mount Indicators incorporate both InGaN and AlInGaP technologies to offer maximum light output. This is a highly durable package, designed to withstand outdoor applications susceptible to rain, dust and sunlight:

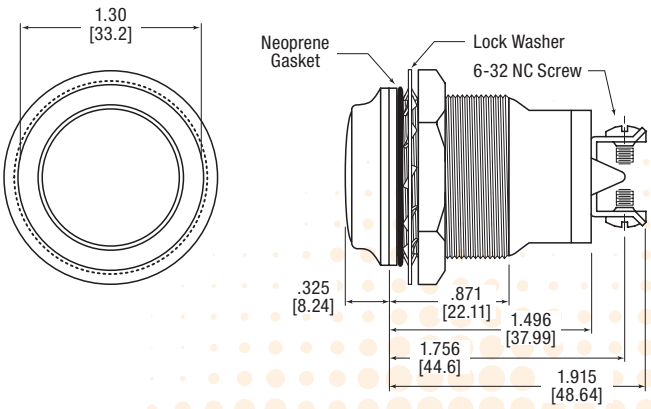
- Instrument panels
- Safety applications
- UL 508 panel applications
- Petrochemical applications
- Environmental Monitoring Equipment specifications
- Pump system controllers
- Mining application
- Oil Refineries
- Agricultural controls
- Power generators

. . . 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

RoHS COMPLIANT

Ordering Information 630 Series

Part Number Guide

RoHS Compliant

6	3	0	-	X	X	X	X	-	3	0	4	F

Lens Style

Flat	1
Domed	3

Voltage

3	12 VDC
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

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653 Series
Snap-in Panel Mount Indicators



Certifications & Ratings

- RoHS compliant

Application

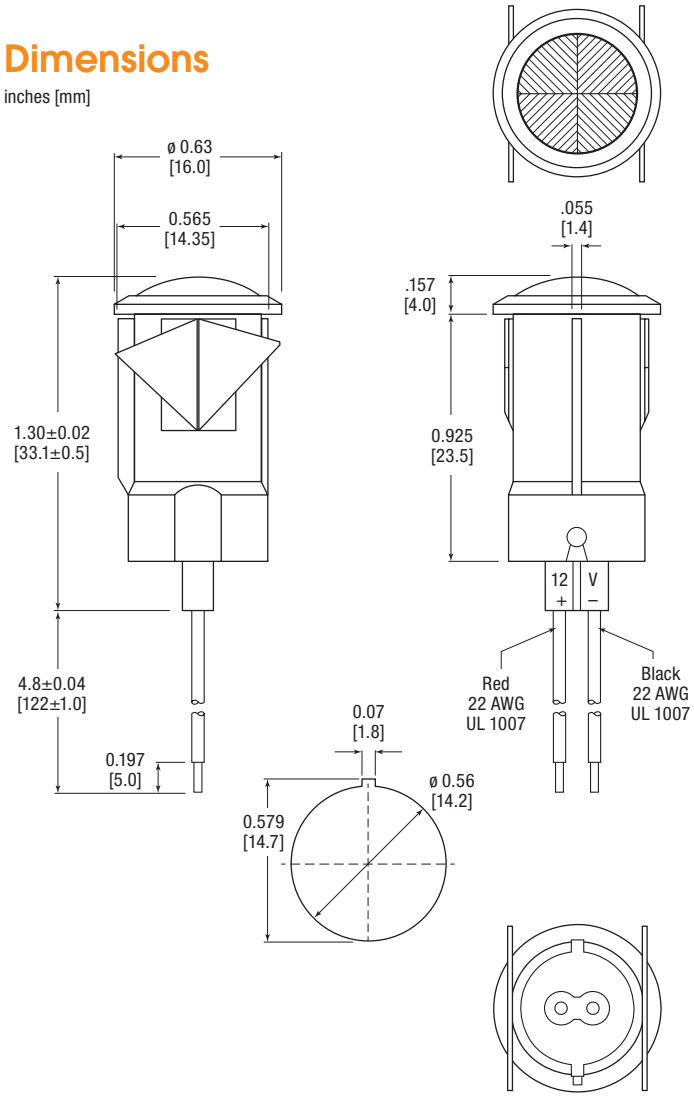
The 653 Series LED Panel Mount Indicators are designed with the unique feature of flexible tabs that allow for mounting to panels of thicknesses ranging from 0.027" (0.7 mm) to 0.138" (3.5 mm). They are ideal for a variety of applications, such as:

- 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 V DC (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

RoHS Compliant

6	5	3	-	X	X	X	X	-	1	0	X	F

Lens Style

Flat	1

Voltage

3	12 VDC
4	24 VDC

Termination

3	Wire Leads

Color

1	0	Red
2	0	Green
3	0	Yellow
4	0	Blue

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Warranty Statement: Except for the warranty expressly provided for [herein/above/below], Dialight disclaims any and all other warranties, express or implied, including, without limitation, any warranties of merchantability, fitness for a particular purpose, title, and noninfringement.

654 Series
Snap-in Panel Mount Indicators



Certifications & Ratings

- RoHS compliant

Application

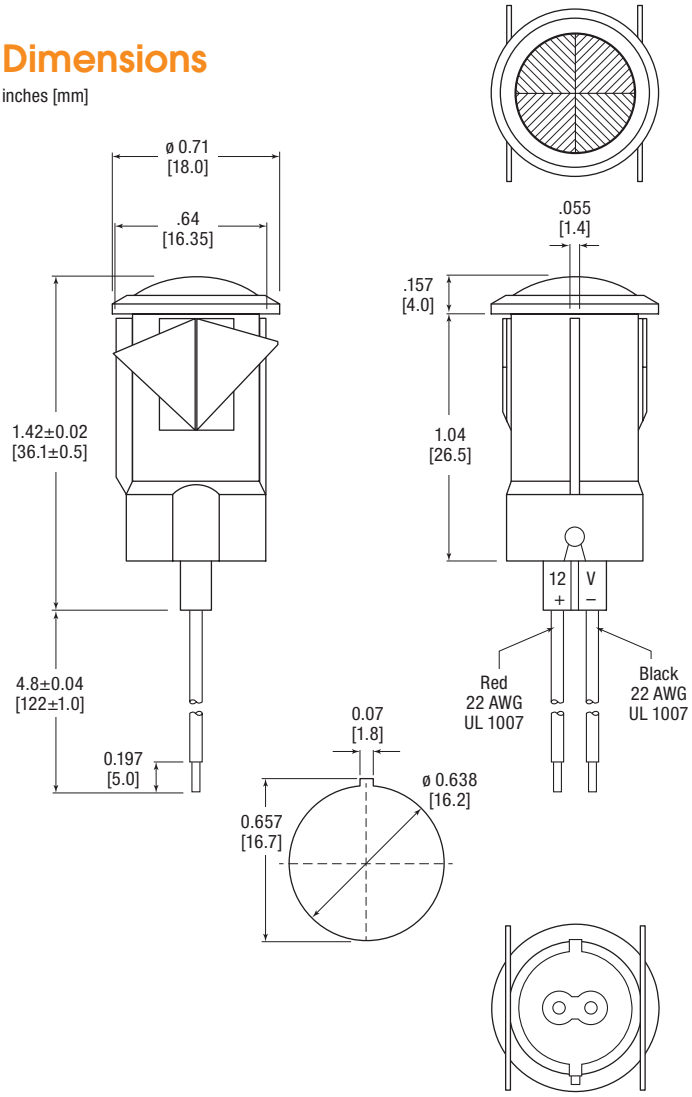
The 654 Series LED Panel Mount Indicators are designed with the unique feature of flexible tabs that allow for mounting to panels of thicknesses ranging from 0.027" (0.7 mm) to 0.138" (3.5 mm). They are ideal for a variety of applications, such as:

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

. . . and many more!

Dimensions

inches [mm]



Mechanical Information

Mounting Hole Size: 0.657" (16.7 mm)

Max Panel Thickness: 0.138" (3.5 mm)

Specifications

Voltage Options: 12 & 24 V DC (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)
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

RoHS Compliant

6	5	4	-	X	X	X	X	-	1	0	X	F

Lens Style

Flat	1

Voltage

3	12 VDC
4	24 VDC

Termination

3	Wire Leads

Color

1	0	Red
2	0	Green
3	0	Yellow
4	0	Blue

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655 Series
½" Snap-in Panel Mount Indicators



Certifications & Ratings

- RoHS compliant

Application

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

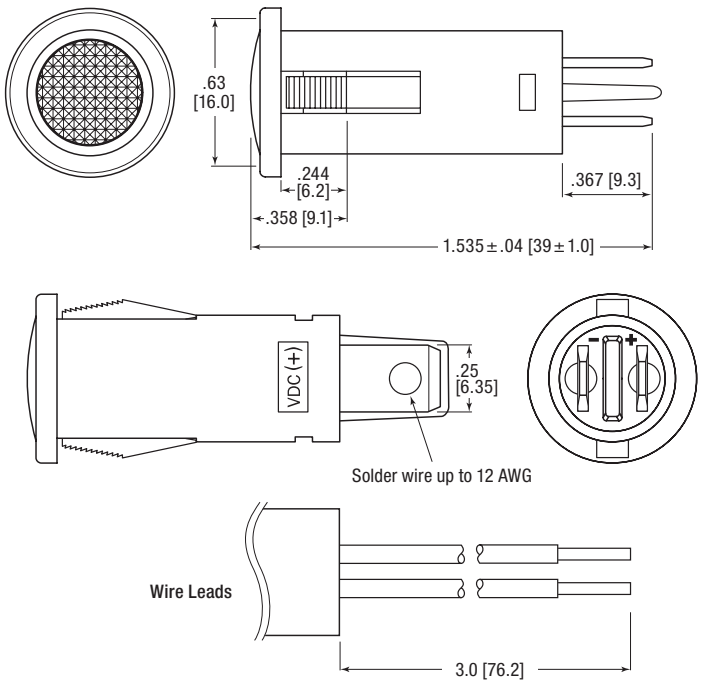
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

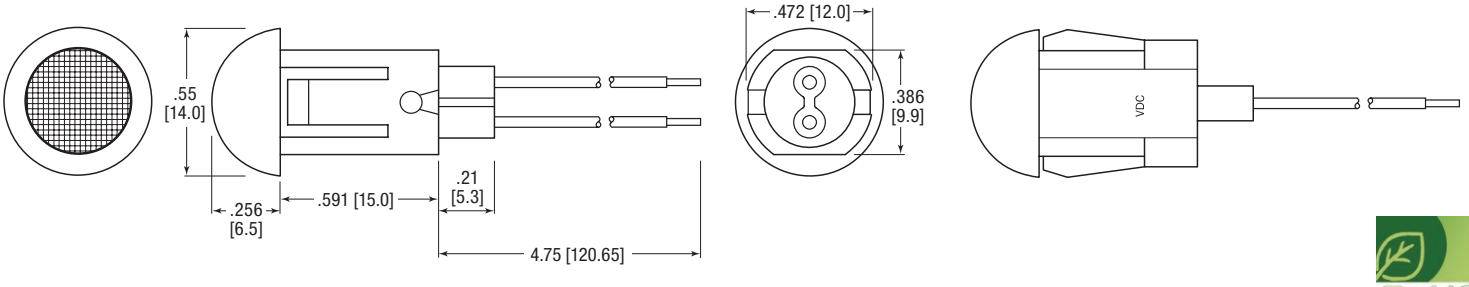
Dimensions

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)

RoHS COMPLIANT

Dialight

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		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		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 X - 1 0 X F

Lens Style
- Flat: 1
- Domed: 2

Color

Red	1	0
Green	2	0
Yellow	3	0
Blue	4	0

Voltage
- 3: 12 VDC
- 4: 24 VDC
- 5: 120 VAC
- 9: 230 VAC

(Flat Lens only)

Termination
- 3: Wire Leads
- 4: Solder Terminals (Flat Lens only)

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656 Series
High Intensity LED Panel Mount Indicators



Certifications & Ratings

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

Application

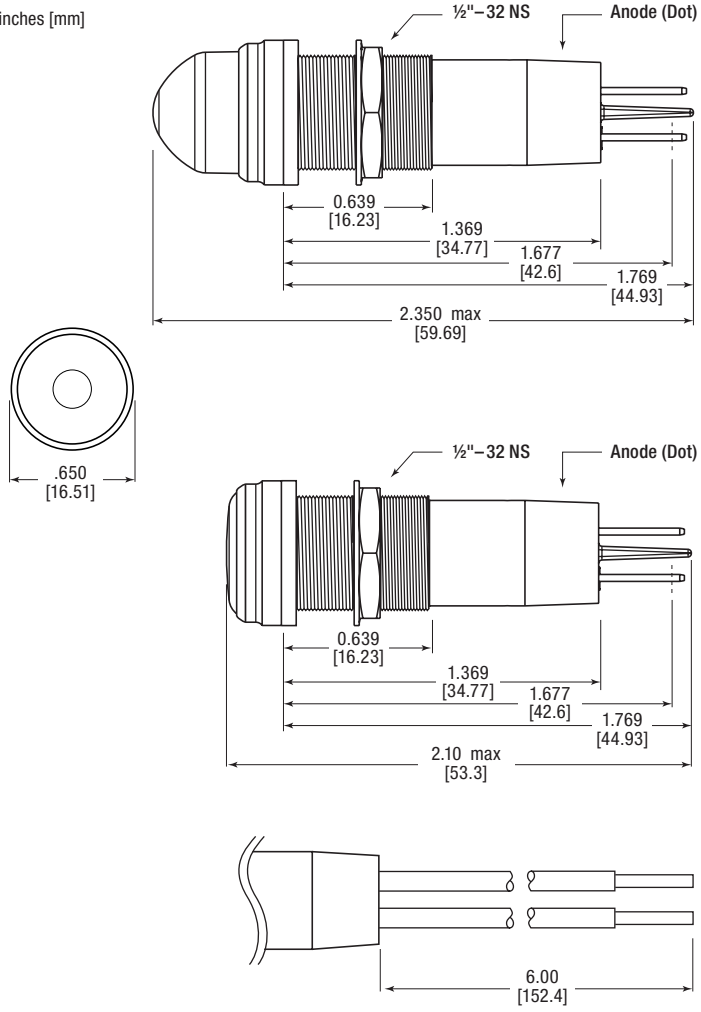
The 656 Series LED Panel Mount Indicators are designed for a variety of applications such as:

- 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 V DC and 125, 230 V AC (bi-color 5, 12, 24 V DC) (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

RoHS COMPLIANT

Dialight

Ordering Information

656 Series

Part Number Guide

RoHS Compliant

6 5 6 - X X X X - X 0 X F

Lens Style
- Flat 1
- Domed 3

Color
- White 0 0
- Red 1 0
- Green 2 0
- Yellow 3 0
- Orange 3 5
- Blue 4 0
- Red Green 1 2
- Yellow Green 3 2

Voltage
- 2 5 VDC
- 3 12 VDC
- 4 24 VDC
- 6 28 VDC*
- 8 37.5 VDC*
- A 48 VDC*†◊
- 7 72 VDC*
- 5 120 VAC/DC*†
- 9 230 VAC*†

Plating
- 2 Black
- 3 White

Termination
- 3 Wires
- 4 Blades

* 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			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			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			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			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			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			480/430

Dialight

Ordering Information

656 Series—Single Color

Flat 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				
656-1002-303F	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

Dialight

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

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657 Series
Watertight Series 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:

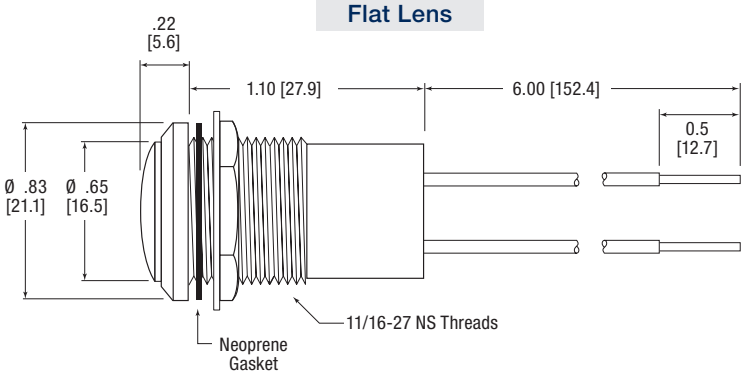
- Electrical control panels
- Wastewater treatment controls
- Buses and transit vehicles dashboards
- Agricultural and construction equipment dashboards
- Aircraft and military vehicles dashboards
- Status Indication on industrial equipment

. . . and many more!

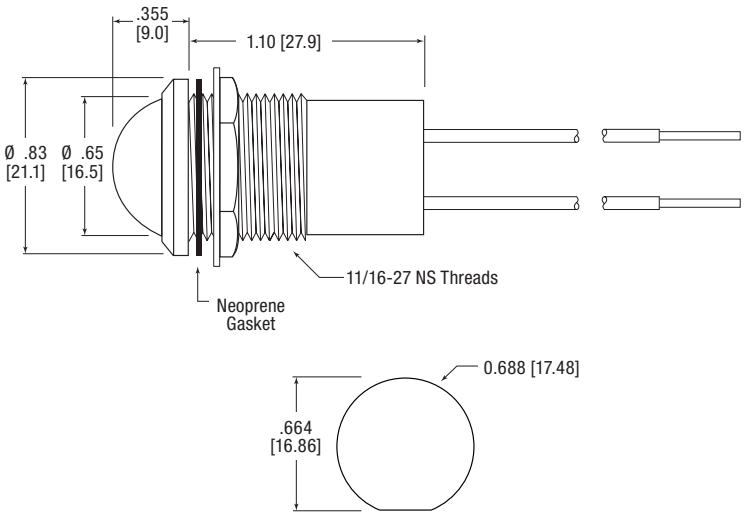
Dimensions

inches [mm]

Flat Lens



Domed Lens



Recommended Mounting Hole

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 V DC (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

RoHS COMPLIANT

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	-	X	0	3	F

Lens Style

Flat	1
Domed	2

LED Color

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

Voltage

2	5 VDC
3	12 VDC
4	24 VDC

Lens Color

1	Tinted Diffused*
3	White Diffused

* will be same as LED color

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657 Series

Watertight Right Angle Panel Mount Indicators



Certifications & Ratings

- RoHS compliant
- NEMA 4X
- IP67

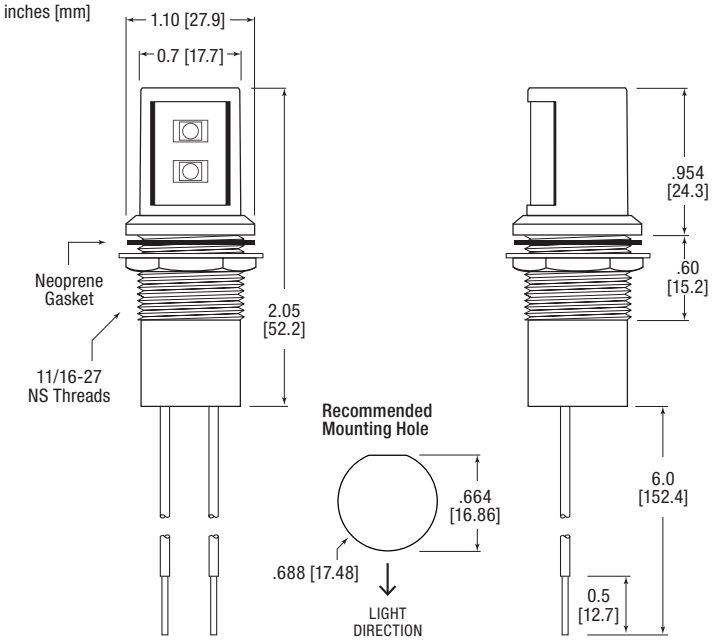
Application

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 V DC (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

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675 Series
5 mm High Intensity Panel Mount Indicators



Certifications & Ratings

- RoHS compliant

Application

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

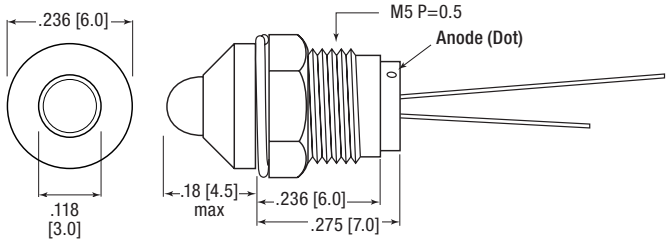
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

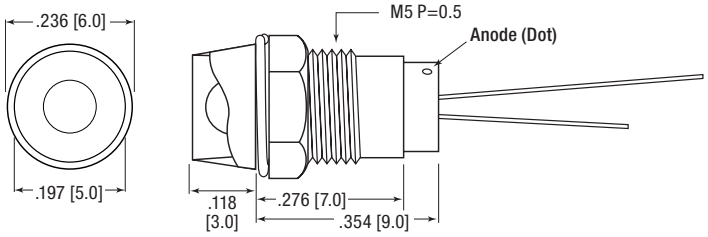
Dimensions

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

Protruding	1
Recessed	2

Color

1	● *Red*
2	● *Green*
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

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676 Series
6 mm High Intensity Panel Mount Indicators



Certifications & Ratings

- RoHS compliant

Application

The 676 Series LED Panel Mount Indicators are designed with a highly durable watertight housing. These indicators are designed for a variety of applications such as:

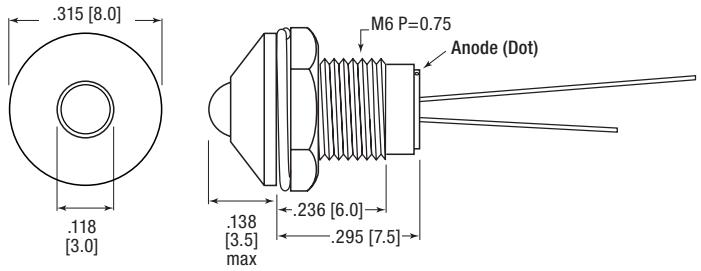
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

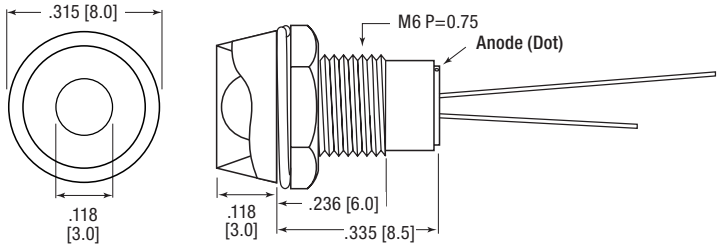
Dimensions

inches [mm]

Protruding



Recessed



Mechanical Information

Mounting Hole Size:	0.244" (6.2 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

RoHS COMPLIANT

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

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677 Series
7 mm High Intensity Panel Mount Indicators



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:

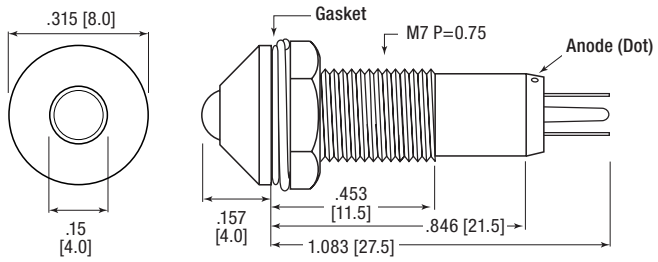
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

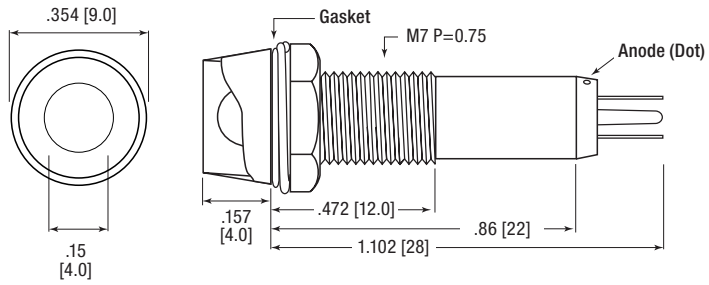
Dimensions

inches [mm]

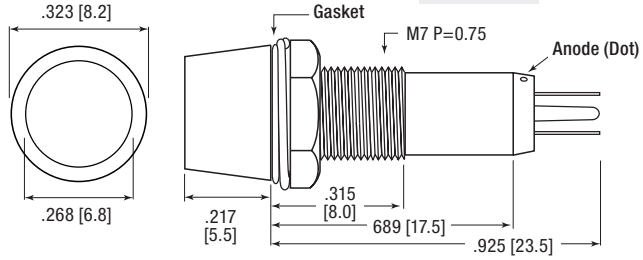
Protruding



Recessed



Internal

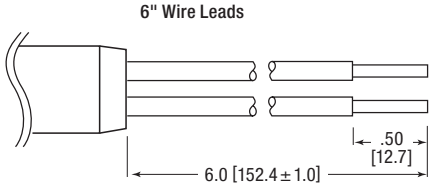


Mechanical Information

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



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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678 Series
8 mm High Intensity Panel Mount Indicators



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!

Dimensions

inches [mm]

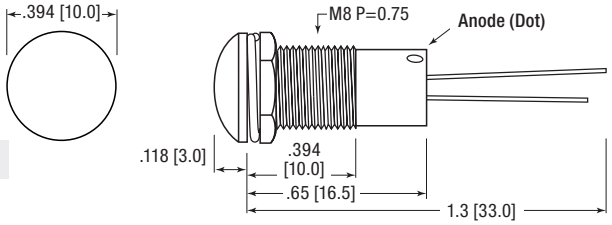


Figure 1

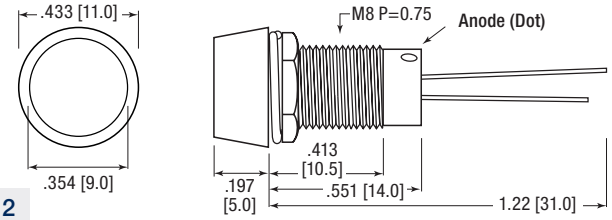


Figure 2

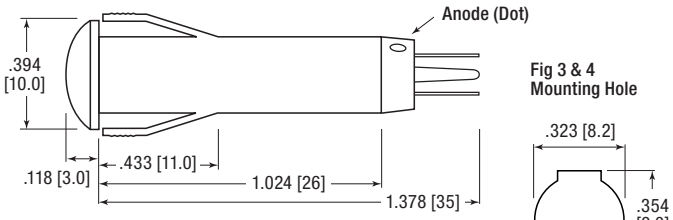


Figure 3

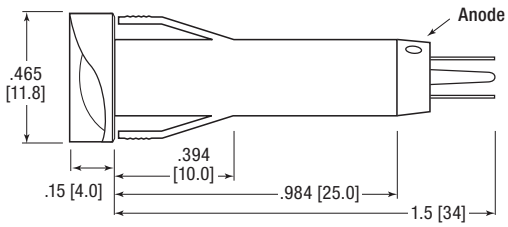
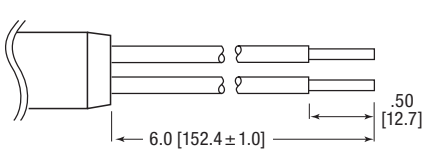


Figure 4



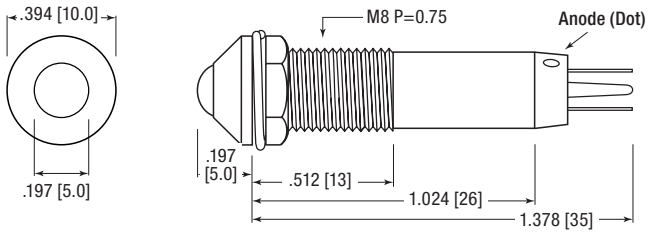


Figure 5

Mechanical Information

Mounting Hole Size:	0.323" (8.2 mm) [Fig. 1 & 2]; 0.335" (8.5 mm) [Fig. 5]; see diagram for Figs. 3 & 4
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. 5]

Specifications

Operating Voltage:	2 & 3.3 VDC [Fig. 1 & 2]; 6, 12 & 24 VDC [Fig. 3, 4, & 5] (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, 4, & 5]
Housing:	Protruding: Chrome plated brass; Internal position: Polycarbonate
Terminals:	Copper — Nickel Plated
Lock Washer:	Iron — Nickel Plated
Nut:	Brass — Nickel Plated

Ordering Information 678

Polycarbonate

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

Solder Terminals	6" Wire Leads								
678-1132-221F	678-1135-221F	Red	6	15	2210	5	Internal	3	Snap-fit	0.197" (5.0 mm)
678-1232-222F	678-1235-222F	Green			41430	6				
678-1332-223F	678-1335-223F	Orange			8535	10				
678-1432-224F	678-1435-224F	Blue			5473	6				
678-1132-231F	678-1135-231F	Red	12		2210	5				
678-1232-232F	678-1235-232F	Green			41430	6				
678-1332-233F	678-1335-233F	Orange			8535	10				
678-1432-234F	678-1435-234F	Blue			5473	6				
678-1132-241F	678-1135-241F	Red	24		2210	5				
678-1232-242F	678-1235-242F	Green			41430	6				
678-1332-243F	678-1335-243F	Orange			8535	10				
678-1432-244F	678-1435-244F	Blue			5473	6				
678-2132-221F	678-2135-221F	Red	6		12700	5		4		
678-2232-222F	678-2235-222F	Green			16490	15				
678-2332-223F	678-2335-223F	Orange			5780	8				
678-2432-224F	678-2435-224F	Blue			2514	20				
678-2132-231F	678-2135-231F	Red	12		12700	5				
678-2232-232F	678-2235-232F	Green			16490	15				
678-2332-233F	678-2335-233F	Orange			5780	8				
678-2432-234F	678-2435-234F	Blue			2514	20				
678-2132-241F	678-2135-241F	Red	24		12700	5				
678-2232-242F	678-2235-242F	Green			16490	15				
678-2332-243F	678-2335-243F	Orange			5780	8				
678-2432-244F	678-2435-244F	Blue			2514	20				

White Nickel

678-1112-321F	678-1115-321F	Red	6	15	320	20	Protruding	5	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					

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679 Series
9 mm High Intensity Panel Mount Indicators



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:

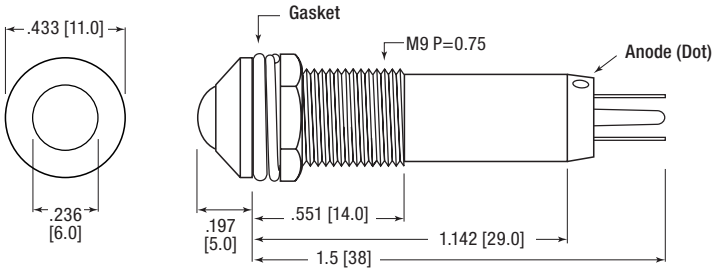
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

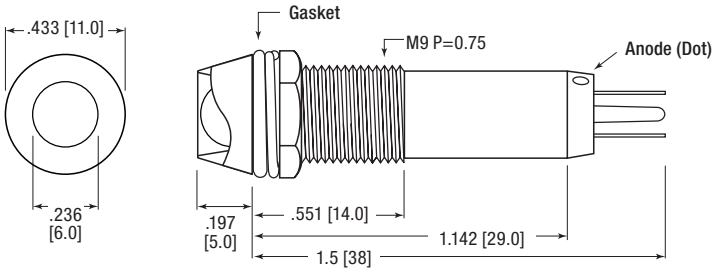
Dimensions

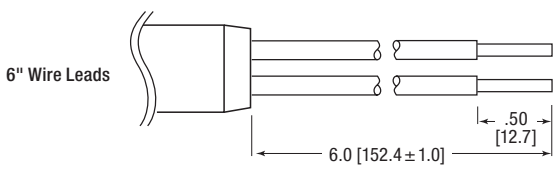
inches [mm]

Protruding



Recessed





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

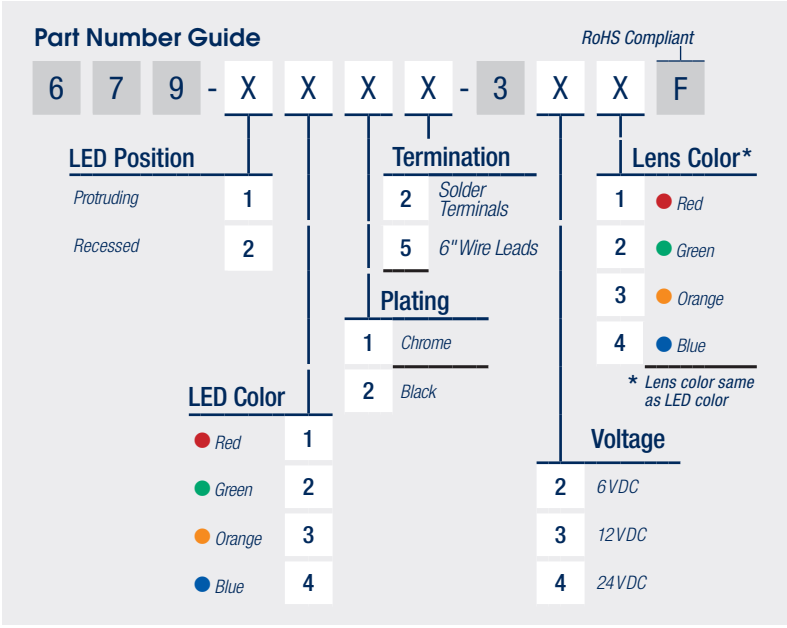
Voltage Options:	6, 12 & 24 V DC (no resistor required)
Operating Temp:	-20 °C to +75 °C (-4 °F to +167 °F)
Storage Temp:	-40 °C to +100 °C (-40 °F to +212 °F)
Electrical Connection:	Solder terminals, 6" wire leads
Housing:	Brass—Chrome or Black Plated
Terminals:	Copper—Nickel Plated
Lock washer:	Iron—Nickel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

RoHS COMPLIANT

Dialight

Ordering Information 679 Series

Part Number Guide



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	
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	
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	
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	
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	
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	
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	
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	
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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680 Series
10 mm High Intensity Panel Mount Indicators



Certifications & Ratings

- RoHS compliant

Application

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

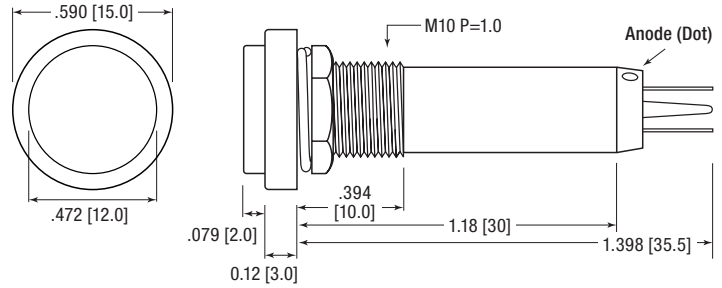
- Main power indication
- Remote power indication
- Status indication
- Maintenance and warning indication
- Instrumentation

. . . and many more!

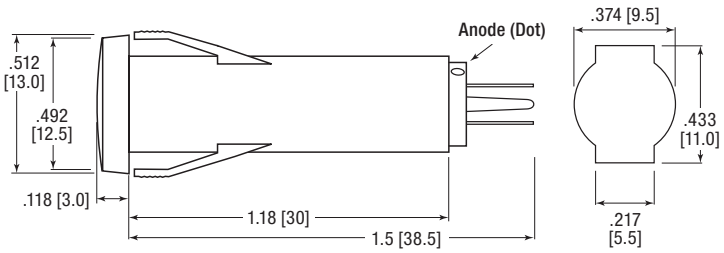
Dimensions

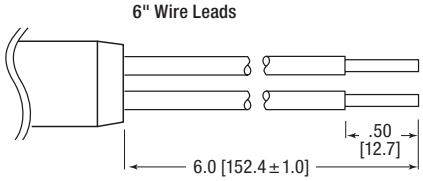
inches [mm]

Standard



Snap-in





Mechanical Information

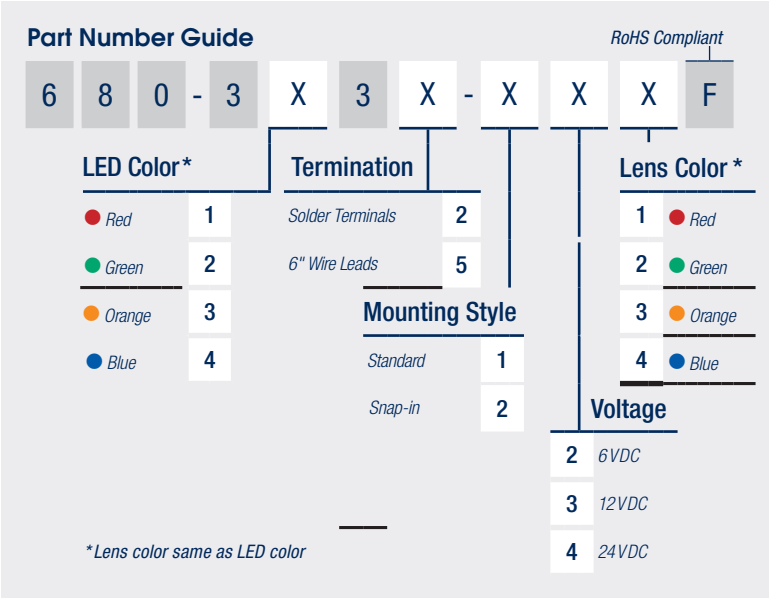
Mounting Hole Size:	0.413" (10.5 mm) (Standard) Snap-in, see drawing
Max Panel Thickness:	0.236" (6.0 mm) (Standard); 0.098" (2.49 mm) (Snap-in)
Mounting Torque:	0.217 lbs/ft (3 kg/cm) (Standard)

Specifications

Voltage Options:	6, 12, & 24 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:	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		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		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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682 Series
12 mm High Intensity Panel Mount Indicators



Certifications & Ratings

- RoHS compliant

Application

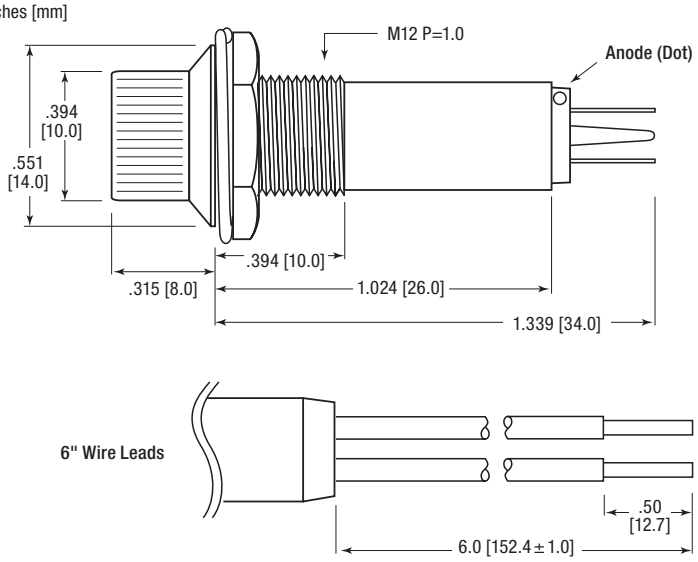
The 682 Series LED Panel Mount Indicators are designed for a variety of applications such as:

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

. . . and many more!

Dimensions

inches [mm]



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 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 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

RoHS COMPLIANT

Dialight

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		•

586 Series

Single Chip Based LED - T1 3/4 Midget Flange

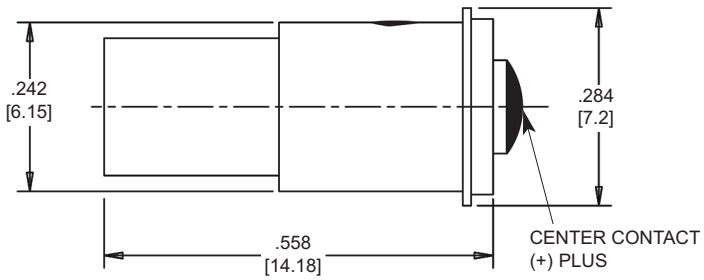


Features/Benefits:

- 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

585 Series

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

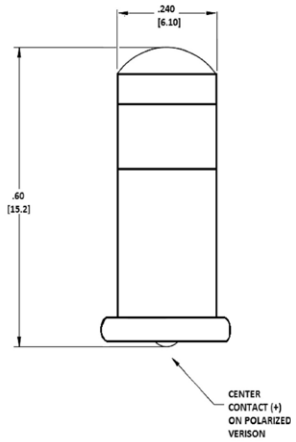


RoHS Compliant Features/Benefits

- 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

586 Series

Single Chip Based LED - T1 3/4 Wedge (T5)

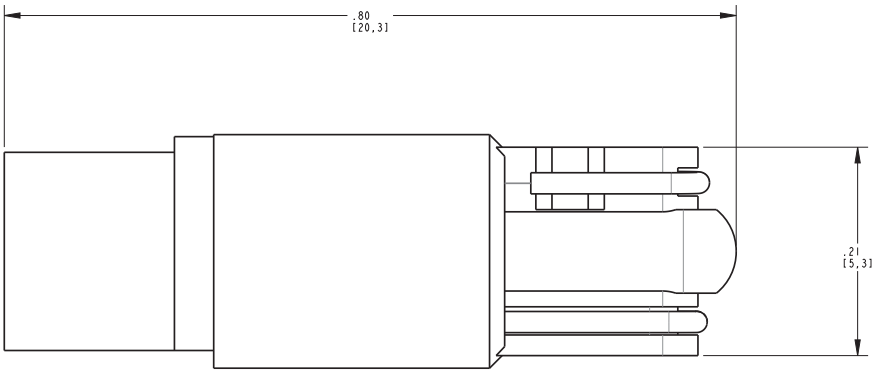


Features/Benefits

- 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

586 Series
Based LED - T1 3/4 Wedge (T5)

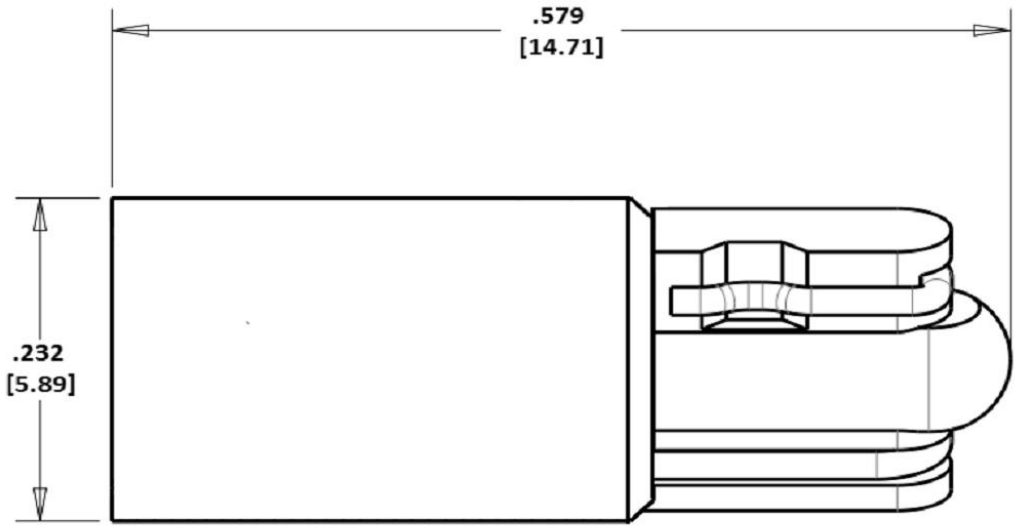


Features/Benefits

- 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 (-40F 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

585 Series

Multi-Chip Based LED - T1 3/4 Wedge

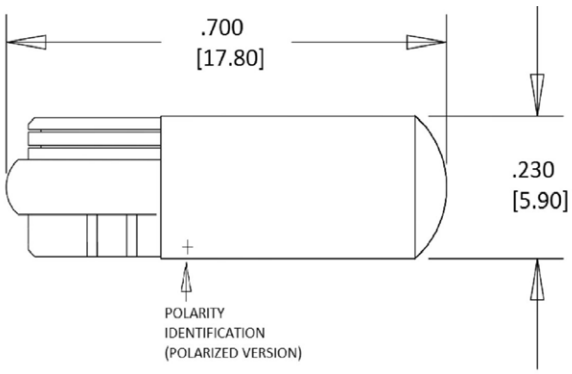


Features/Benefits:

- Longer life
- Energy savings - 90% less power required
- High reliability - vibration and shock resistant
- Mounts directly into industry standard socket
- AlInGaP 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

586 Series

Single-Chip Based LED - T1 3/4 Bi-pin

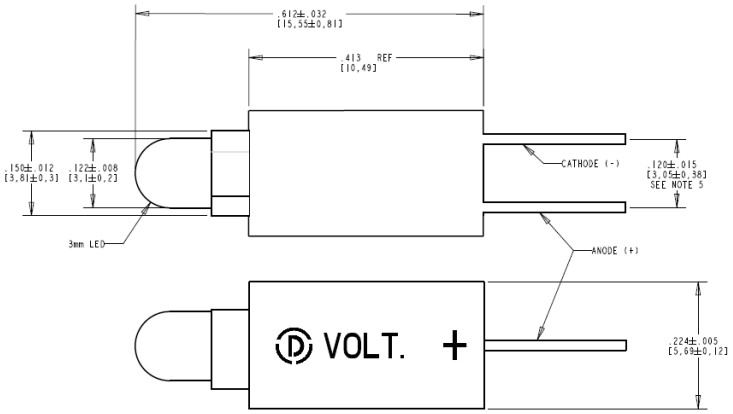


Features/Benefits:

- 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 (-40F 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

585 Series

Multi-Chip Based LED - T1 3/4 Bi-pin

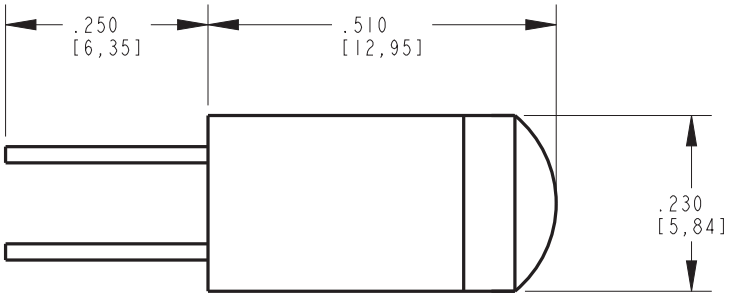


Features/Benefits

- 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 (-22F 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

586 Series

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

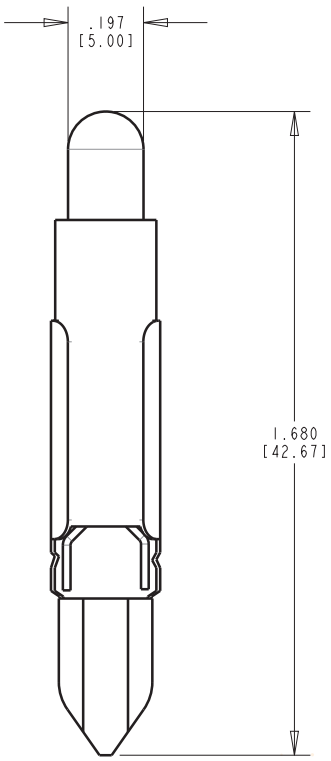


Features/Benefits

- 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 (-40F 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

586 Series

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

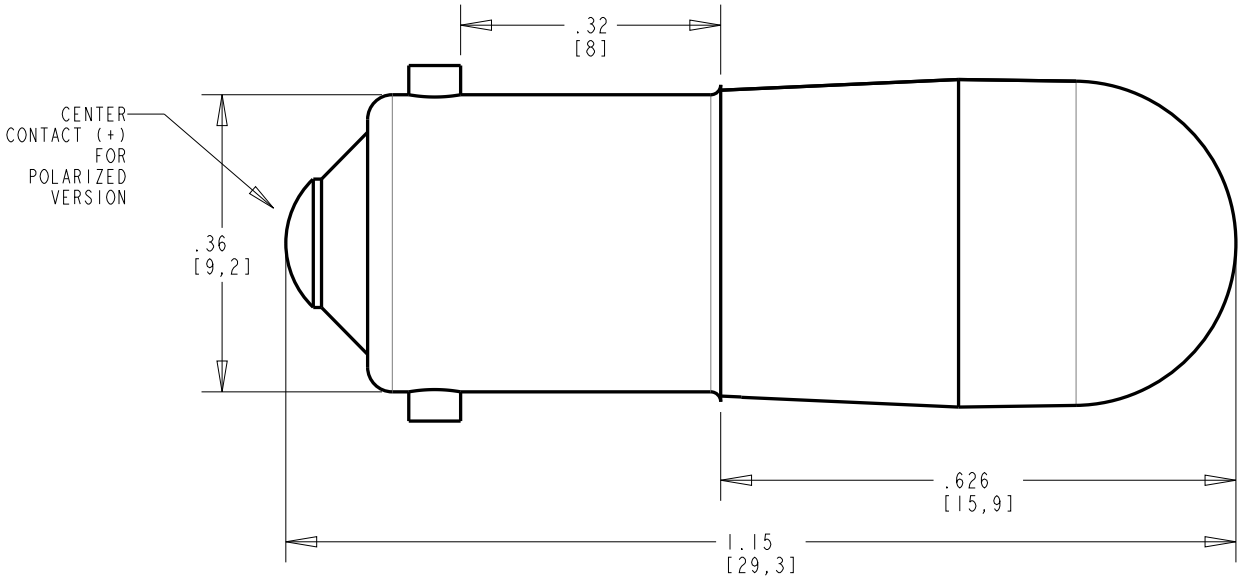


Features/Benefits:

- 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 (-40F 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

586 Series

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

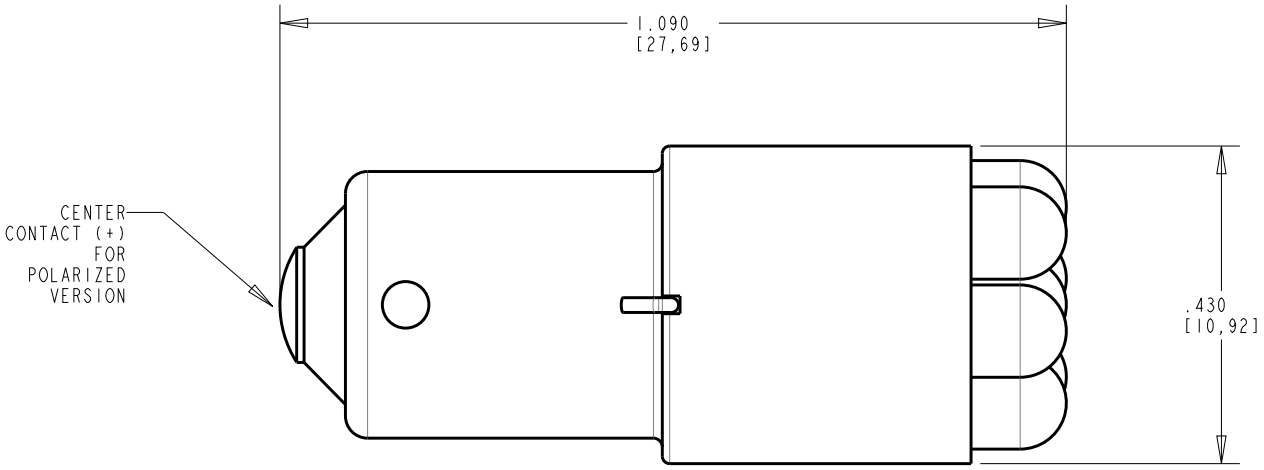


Features/Benefits

- 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:	-30C to +85°C (-22°F to +185°F)
Storage Temp:	-40°C to +100°C (-40F to +212°F)

Dimensions



Measurements are typical
Dimension are in Inches [mm]

586 Series

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

585 Series

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

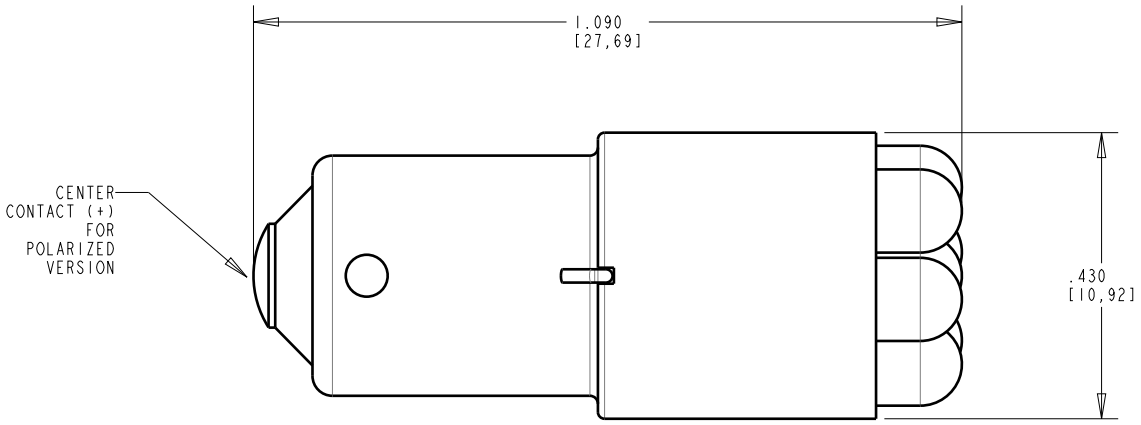


Features/Benefits

- 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

586 Series

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

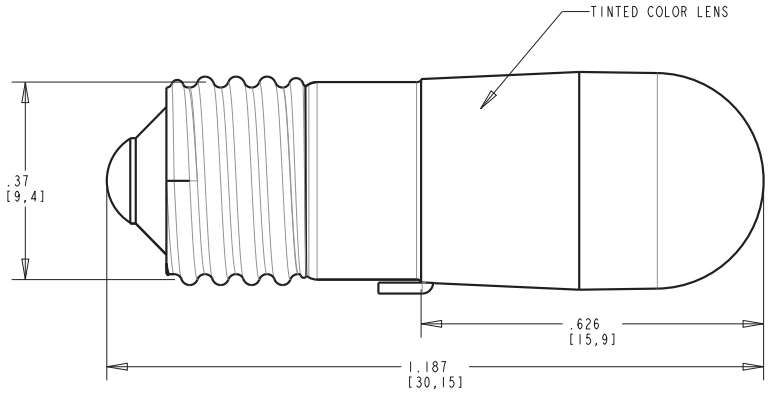


Features / Benefits:

- 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]

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

586 Series
Based LED - T3 1/4 Wedge (T10)

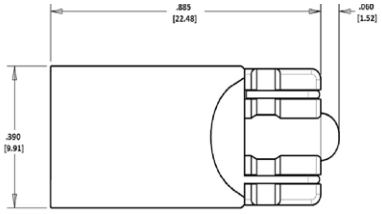


Features/Benefits

- 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

586 Series

Cluster Based LED - 15mm Bayonet (BA15s)

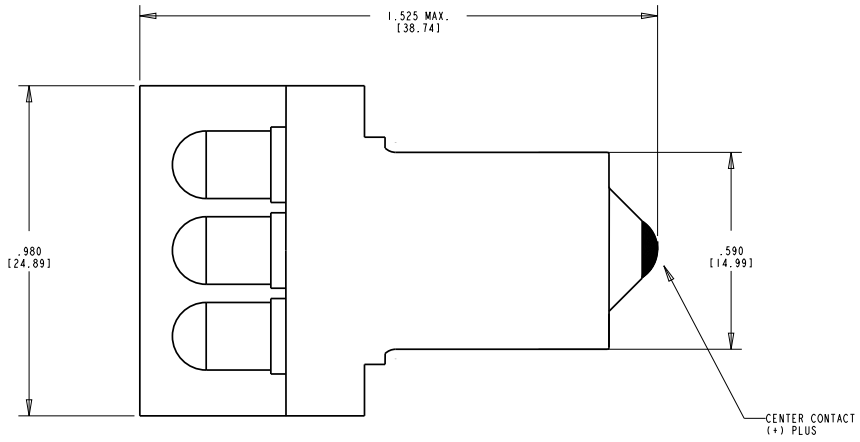


Features/Benefits:

- 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/Based LED
Bulb Cross Reference

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/Based LED
Bulb Cross Reference

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/Based LED
Bulb Cross Reference

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 Con-tact 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

Panel Mount Indicators

Relampable Lamp Holders and Caps



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



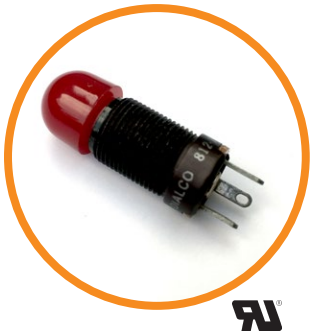
004 Holder uses 004 Caps and 113 Caps

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

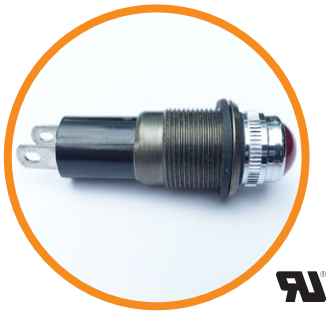
Mounting Hole Size: 11/16'' (17.46mm)
Light Source: T3 1/4 Miniature Bayonet (BA9s)
Available Colors: Clear
Voltage: 2-120V
Termination: Solder or Screw
Mounting Style: Front
*For more information please go to www.dialight.com
*See incandescent lamp cross reference guide for based LED bulbs available



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



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

Neon & Incandescent
Panel Mount Indicator Part Numbering System

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.

Series Block	Base Block	Lens Cap Block	Suffix Block
3 digits	4 digits	4 digits	3 digits

Indicator Part Number Example: 095-0408-0931-143

Series Block	Base Block	Lens Cap Block	Suffix Block
3 digits	4 digits	2 digits	3 digits

Base Part Number Example: 095-0408-09-143

Series Block	Lens Cap Block	Suffix Block
3 digits	4 digits	3 digits

Lens Cap Part Number Example: 095-0931-003

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 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 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.
LC11BN2	178-0334-500
LC11BT2	178-0374-500
LC11CN2	*178-0337-500
LC11GN2	178-0332-500
LC11GT2	178-0372-500
LC11RN2	*178-0331-500
LC11RT2	178-0371-500
LC11WT2	178-0375-500
LC11YN2	*178-0333-500
LC11YT2	178-0373-500
LC12BN2	162-0934
LC12BT2	162-0974
LC12CN2	*162-0937
LC12GN2	162-0932
LC12GT2	162-0972
LC12RN2	*162-0931
LC12RT2	162-0971
LC12WT2	162-0975
LC12YN2	*162-0933
LC12YT2	162-0973
LC13CN2	*137-0937
LC13RN2	*137-0931
LC13WT2	*137-0935
LC13YN2	*137-0933
LC14BD3	081-0114-203
LC14BN3	081-0134-203
LC14CD3	081-0117-203
LC14CN3	*081-0137-203
LC14GD3	081-0112-203
LC14GN3	081-0132-203
LC14RD3	081-0111-203
LC14RN3	*081-0131-203
LC14WT3	*081-0135-203
LC14YD3	081-0113-203
LC14YN3	*081-0133-203
LC15BD3	026-1114-203
LC15BN3	026-1134-203
LC15CN3	*026-1137-203
LC15GD3	026-1112-203
LC15GN3	026-1132-203
LC15RD3	026-1111-203
LC15RN3	*026-1131-203
LC15WT3	*026-1135-203
LC15YD3	026-1113-203
LC15YN3	*026-1133-203
LC16BN3	026-1194-203
LC16CN3	*026-1197-203
LC16GN3	026-1192-203
LC16RN3	*026-1191-203
LC16WT3	*026-1195-203
LC16YN3	*026-1193-203
LC17BD3	203-0114-203
LC17BN3	203-0134-203
LC17CD3	203-0117-203
LC17CN3	*203-0137-203
LC17GD3	203-0112-203
LC17GN3	203-0132-203
LC17RD3	203-0111-203
LC17RN3	*203-0131-203
LC17WT3	*203-0135-203
LC17YD3	203-0113-203
LC17YN3	*203-0133-203
LC18BD3	204-0114-203
LC18BN3	204-0134-203
LC18CD3	204-0117-203
LC18CN3	*204-0137-203
LC18GD3	204-0112-203
LC18GN3	204-0132-203
LC18RD3	204-0111-203
LC18RN3	*204-0131-203
LC18YD3	204-0113-203
LC18YN3	*204-0133-203
LC19BD3	169-1114-203
LC19BN3	169-1134-203
LC19CD3	169-1117-203
LC19CN3	*169-1137-203
LC19GD3	169-1112-203
LC19GN3	169-1132-203
LC19RD3	169-1111-203
LC19RN3	*169-1131-203
LC19WT3	*169-1135-203
LC19YD3	169-1113-203
LC19YN3	*169-1133-203
LC20BN3	169-1194-203
LC20CN3	*169-1197-203
LC20GN3	169-1192-203
LC20RN3	*169-1191-203
LC20WT3	*169-1195-203
LC20YN3	*169-1193-203
LC21BD3	051-0114-203
LC21BN3	051-0134-203
LC21CD3	051-0117-203
LC21CN3	*051-0137-203
LC21GD3	051-0112-203
LC21GN3	051-0132-203
LC21RD3	051-0111-203
LC21RN3	*051-0131-203
LC21WT3	*051-0135-203
LC21YD3	051-0113-203
LC21YN3	*051-0133-203
LC22BD3	080-0514-203
LC22BN3	080-0534-203
LC22CD3	080-0517-203
LC22CN3	*080-0537-203
LC22GD3	080-0512-203
LC22GN3	080-0532-203
LC22RD3	080-0511-203
LC22RN3	*080-0531-203
LC22WT3	*080-0535-203
LC22YD3	080-0513-203
LC22YN3	*080-0533-203
LC23BD3	209-0114-203
LC23BN3	209-0134-203
LC23CD3	209-0117-203
LC23CN3	*209-0137-203
LC23GD3	209-0112-203
LC23GN3	209-0132-203
LC23RD3	209-0111-203
LC23RN3	*209-0131-203
LC23WT3	*209-0135-203
LC23YD3	209-0113-203
LC23YN3	*209-0133-203
LC24BD3	210-0114-203
LC24BN3	210-0134-203
LC24CD3	210-0117-203
LC24CN3	*210-0137-203
LC24GD3	210-0112-203
LC24GN3	210-0132-203
LC24RD3	210-0111-203
LC24RN3	*210-0131-203
LC24WT3	*210-0135-203
LC24YD3	210-0113-203
LC24YN3	*210-0133-203
LC25BN2	239-0334-500
LC25BT2	239-0374-500
LC25CN2	*239-0337-500
LC25GN2	239-0332-500
LC25GT2	239-0372-500
LC25RN2	*239-0331-500
LC25RT2	239-0371-500
LC25WT2	239-0375-500
LC25YN2	*239-0333-500
LC25YT2	239-0373-500
LC29BN2	162-1434
LC29BT2	162-1474
LC29CN2	*162-1437
LC29GN2	162-1432
LC29GT2	162-1472
LC29RN2	*162-1431
LC29RT2	162-1471
LC29WT2	162-1475
LC29YN2	*162-1433
LC29YT2	162-1473
LC30BN3	250-3534-500
LC30GN3	250-3532-500
LC30RN3	250-3531-500
LC30WT3	250-3535-500
LC30YN3	250-3533-500
LC32BT2	250-1474-500
LC32GT2	250-1472-500
LC32RT2	250-1471-500
LC32WT2	250-1475-500
LC32YT2	250-1473-500
LC33CN2	*130-0937-003
LC33RN2	*130-0931-003
LC33WT2	*130-0935-003
LC33YN2	*130-0933-003
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.
LC34CN2/SO2	*271-0272
LC34EN2/DO2	*271-0111
LC34EN2 /EN2	*271-3111
LC34EN2/SO2	*271-0212
LC35BN2	128-0934-003
LC35BT2	128-0974-003
LC36GD2	160-0112-203
LC36RD2	160-0111-203
LC36YD2	160-0113-203
LC37BD2	161-0114-203
LC37CD2	161-0117-203
LC37GD2	161-0112-203
LC37RD2	161-0111-203
LC37YD2	161-0113-203
LH73/1	359-8430-09-502
LH73/2	362-8430-09-702
LH74/1	361-8836-09-552
LH74/2	361-8864-09-522
LH74/3	364-8836-09-752
LH74/4	364-8864-09-722
LH76/1	373-0408-01-273
LH76/2	373-0463-01-223
LH76/3	373-0410-01-203
LH77/1	377-0408-11-273
LH77/2	377-0463-11-223
LH77/3	377-0410-11-203
LH79/1	378-3404-01-203
LH80/1	378-3402-01-203
LH88/1	366-8836-09-553
LH88/2	366-8864-09-523
LH89/1	367-8430-09-503
LH90/1	370-8738-504
LH90/2	371-8738-14-504
LH90/3	371-8760-14-504
LH92/1	271-8430-702
LHC82/1BT2	252-9951-0974
LHC82/1CN2	252-9951-0937
LHC82/1GT2	252-9951-0972
LHC82/1RT2	252-9951-0971
LHC82/1WT2	252-9951-0975
LHC82/1YT2	252-9951-0973
MS18235-1BT	507-3909-1474-600
MS18235-1CN	507-3909-1437-600
MS18235-1GT	507-3909-1472-600
MS18235-1RT	507-3909-1471-600
MS18235-1WT	507-3909-1475-600
MS18235-1YT	507-3909-1473-600
MS18235-2BT	507-3914-1474-600
MS18235-2CN	507-3914-1437-600
MS18235-2GT	507-3914-1472-600
MS18235-2RT	507-3914-1471-600
MS18235-2WT	507-3914-1475-600
MS18235-2YT	507-3914-1473-600
MS18235-3BT	507-3918-1474-600
MS18235-3CN	507-3918-1437-600
MS18235-3GT	507-3918-1472-600
MS18235-3RT	507-3918-1471-600
MS18235-3WT	507-3918-1475-600
MS18235-3YT	507-3918-1473-600
MS18236-1CN	507-5338-0937-630
MS18236-1RN	507-5338-0931-630
MS18236-1WT	507-5338-0935-630
MS18236-1YN	507-5338-0933-630
MS18236-2CN	507-5337-0937-670
MS18236-2RN	507-5337-0931-670
MS18236-2WT	507-5337-0935-670
MS18236-2YN	507-5337-0933-670
MS18237-1CN	507-5338-1537-630
MS18237-1RN	507-5338-1531-630
MS18237-1WT	507-5338-1535-630
MS18237-1YN	507-5338-1533-630
MS18237-2CN	507-5337-1537-670
MS18237-2RN	507-5337-1531-670
MS18237-2WT	507-5337-1535-670
MS18237-2YN	507-5337-1533-670
MS18238-1	507-6022-1437-600
MS18238-2	507-6023-1437-600
MS25256-2	*162-8430-0933-502
MS25256-4	162-8430-0932-502
MS25256-6	*162-8430-0931-502
MS25256-8	*162-8430-0937-502
MS25256-10	162-8430-0975-502
MS25256-12	162-8430-0934-502
MS25257-2	137-8836-0933-552
MS25257-4	137-8836-0931-552
MS25257-6	137-8836-0937-552
MS25446-2**	252-9951-0974
MS25446-3**	252-9951-0972
MS25446-4**	252-9951-0971
MS25446-5**	252-9951-0975
MS25446-6**	252-9951-0973
MS25446-7**	252-9951-0937

**** 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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