



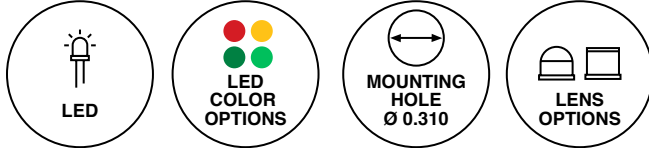
THE DATASHEET OF
2191QU5-24V



2191 Series Ø.310" (7.87mm) with Built-In Resistor LED Panel Mount Indicator



LED panel mount indicator available in wire or tab terminal.
 Choose from different colors, lens types and operating voltages.



Applications

- Main Power Indication
- Machine Tools
- Manufacturing
- Food Service
- Automation and Control
- Status indication
- Electrical Appliance
- Instrumentation
- Maritime, Oil and Gas Industry

Key Features

- For panel hole diameter: 0.310" (7.87mm)
- Available in colors: red, yellow, green, and light green
- Offered with a variety of lens options: hi-hat and hi-dome
- Supplied with push-on speednut 8700091652
- Offered with wire leads (22 AWG 4.40/4.80") or quick connect tab terminal (0.187" x .020")
- Available in operating voltage: 6V, 12V and 24V
- Lens: Polycarbonate
- Anode (+): Marked above terminal
- Bezel: Stainless steel
- Housing: White nylon
- Solid-state indicator lights complete with built-in current-limiting resistor and rectifier diode
- For custom cable length, voltage, connectors, finish or colors, contact VCC
- RoHS and REACH Compliant

Ordering Data

2191L (Hi-Hat Lens - Wire)



Example:

2191L5-12V

2191 Series Hi-Hat Lens, Green Color,
12V with Wire Leads

2191QL (Hi-Hat Lens - Tab)



Example:

2191QL7-24V

2191 Series Hi-Hat Lens, Yellow Color,
24V with Tab Terminal

Part Number	Color	Lens Type	Terminals	Voltage	Internal Resistor
2191L5-6V	Green	Hi-Hat	Wire Leads	6V	150 Ω
2191L1-6V	Red	Hi-Hat	Wire Leads	6V	150 Ω
2191L5-12V	Green	Hi-Hat	Wire Leads	12V	390 Ω
2191L1-12V	Red	Hi-Hat	Wire Leads	12V	390 Ω
2191L7-24V	Yellow	Hi-Hat	Wire Leads	24V	1000 Ω
2191L5-24V	Green	Hi-Hat	Wire Leads	24V	1000 Ω
2191L1-24V	Red	Hi-Hat	Wire Leads	24V	1000 Ω

Part Number	Color	Lens Type	Terminals	Voltage	Internal Resistor
2191QL5-12V	Green	Hi-Hat	Tab	12V	390 Ω
2191QL7-24V	Yellow	Hi-Hat	Tab	24V	1000 Ω
2191QL5-24V	Green	Hi-Hat	Tab	24V	1000 Ω
2191QL1-24V	Red	Hi-Hat	Tab	24V	1000 Ω

Ordering Data

2191U (Hi-Dome Lens - Wire)



Example:

2191U1-12V

2191 Series Hi-Dome Lens, Red Color,
12V with Wire Leads

2191QU (Hi-Dome Lens - Tab)



Example:

2191QU5-24V

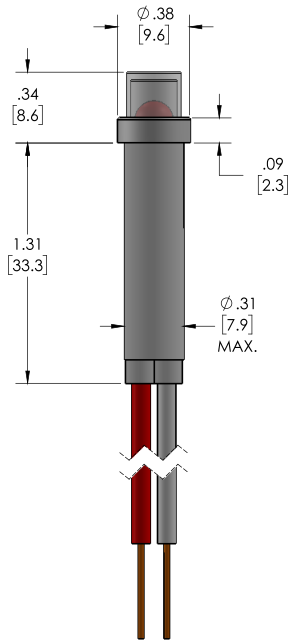
2191 Series Hi-Dome Lens, Green Color,
24V with Tab Terminal

Part Number	Color	Lens Type	Terminals	Voltage	Internal Resistor
2191U5-6V	Green	Hi-Dome	Wire Leads	6V	150 Ω
2191U7-12V	Yellow	Hi-Dome	Wire Leads	12V	390 Ω
2191U5-12V	Green	Hi-Dome	Wire Leads	12V	390 Ω
2191U1-12V	Red	Hi-Dome	Wire Leads	12V	390 Ω
2191U7-24V	Yellow	Hi-Dome	Wire Leads	24V	1000 Ω
2191U5-24V	Green	Hi-Dome	Wire Leads	24V	1000 Ω
2191U1-24V	Red	Hi-Dome	Wire Leads	24V	1000 Ω

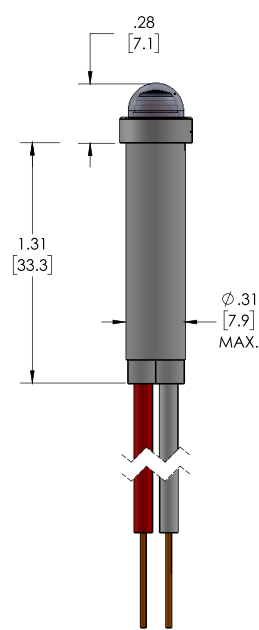
Part Number	Color	Lens Type	Terminals	Voltage	Internal Resistor
2191QU5-12V	Green	Hi-Dome	Tab	12V	390 Ω
2191QU51-24V	Light Green	Hi-Dome	Tab	24V	1000 Ω
2191QU7-24V	Yellow	Hi-Dome	Tab	24V	1000 Ω
2191QU5-24V	Green	Hi-Dome	Tab	24V	1000 Ω
2191QU1-24V	Red	Hi-Dome	Tab	24V	1000 Ω

Product Dimensions

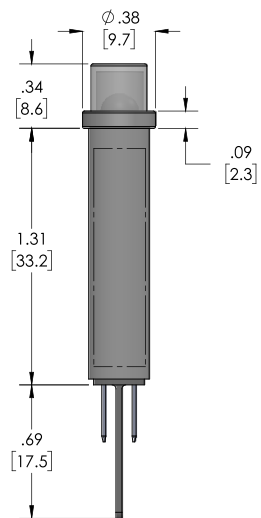
2191L (Hi-Hat Lens- Wire)



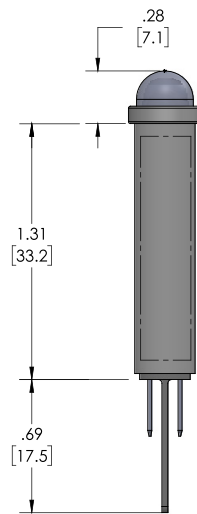
2191U (Hi-Dome Lens - Wire)



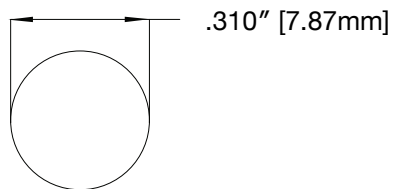
2191QL (Hi-Hat Lens- Tab)



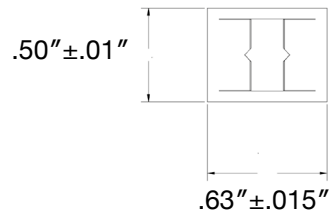
2191QU (Hi-Dome Lens - Tab)



Recommended Mounting Hole



Speed Nut: 8700091652



Notes:

1. All dimensions are in inches [millimeters]
2. Tolerance is $\pm 0.25''$ unless otherwise noted.
3. The specifications, characteristics and technical data described in the datasheet are subject to change without prior notice.

Product Specifications

Materials	
Housing	White Nylon
Wire Leads	22 AWG, 4.40"/4.80" length, red anode, black cathode
Tab Terminal	Tinned Brass
Lens	Polycarbonate
Bezel	Stainless Steel

Voltage Table		
Nominal	VAC	VDC
6V	5 to 11	3.5 to 6.5
12V	10 to 20	6 to 13.5
24V	22 to 32*	12 to 24+

* BEYOND 32 VAC ADD 30 OHMS PER VOLT

+BEYOND 24 VDC ADD 50 OHMS PER VOLT USE 1/2W RESISTOR UP TO 50V
1W RESISTOR FOR 50V TO 70V
2 W RESISTOR FOR 75V TO 125V DO NOT USE BEYOND 125V

Installation Specifications	
Mounting Hole	0.310" (7.87mm)
Wire Leads	22 AWG 4.40/4.80" (111.8mm/121.9mm) red (anode) and black (cathode), leads stripped .43/.57" (10.9mm/14.5mm)
Tab Terminal	Quick-connect, Tinned brass .187" x .020"

LED	Incorporates LED*
Red	4304H1
Green	4304H5
Yellow	4304H7



* ALSO INCORPORATES 1N4004 (400 P.I.V.) RECTIFIER DIODE.

Compliances and Approvals



Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View 2191QU5-24V on WIN SOURCE](#)
-  [Visual Communications Company - VCC Information](#)

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-  Obsolete Management
-  Cost Control Management
-  Shortage Management
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-  Excess Inventory Management