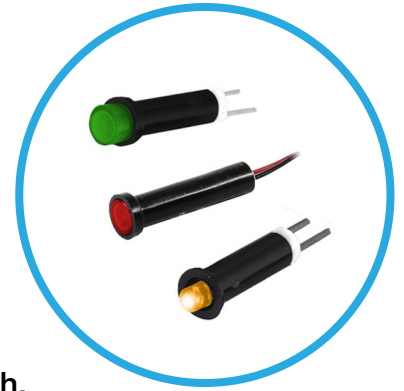


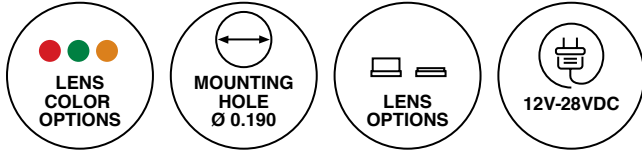
# 30 Series

## Ø .190" (4.82mm)

### LED Panel Mount Indicator



Low power consumption, long life and superior construction LED with flush, high-hat or no lens options, three single color options, LED Voltage 12V-28V



#### Key Features

- Mounting hole size: .190" (4.82mm)
- Lens type options: Flush, high-hat or no lens
- T-1 (3mm) LED
- Voltage: 12-28V
- Terminals: straight leads or wire leads (6" wire leads, .50" stripped, red anode/black cathode, 24 AWG TPB UL1061 insulation)
- LED single color options: red, amber, green
- Offered with either flush and high-hat fresnel pattern lenses, that provide excellent light focus and assure maximum light output
- Low power consumption - uses up to 90% less energy than an incandescent indicator
- Mounts with spring retainer and washer (included)
- Offered with black bezel that enhances the LED contrast
- Suitable for high vibration applications
- LEDs operate significantly cooler than traditional lamps
- For custom cable length, connectors or colors contact VCC
- Compliant with RoHS and REACH

## Ordering Data

### 305 (No Lens)



Example:

#### 305-BCA28H-O

305 Series No Lens, AmberLED,  
28V with Straight Leads

Part Number	Color	$\lambda_{pk}$ (nm)	Iv (mcd)	Viewing Angle	Lens Color	Lens Diffusion	Terminals	Voltage/Current	
								Design Vf/If	Max Vf/If
305-BCA28H-O	Amber	583	30	45	-	-	Straight Leads	28V/16.5mA	30V/18mA
305-BCG28H-O	Green	565	44	45	-	-	Straight Leads	28V/16.5mA	30V/18mA
305-BCR28H-O	Red	635	60	45	-	-	Straight Leads	28V/16.5mA	30V/18mA

### 31 (Hi-Hat Lens)

### 31W (Hi-Hat Lens)



Example:

#### 31-BG12H-CGO

31 Series Hi-Hat Lens, Green LED,  
Clear Green Lens, 12V with Straight Leads



Example:

#### 31W-NWA28H-NAO

31 Series Hi-Hat Lens, Amber LED,  
Diffused Amber Lens, 28V with Wire Leads

Part Number	Color	$\lambda_{pk}$ (nm)	Iv (mcd)	Viewing Angle	Lens Color	Lens Diffusion	Terminals	Voltage/Current	
								Design Vf/If	Max Vf/If
31-BG12H-CGO	Green	565	14	60	Green	Clear	Straight Leads	12V/20mA	14V/25mA

Part Number	Color	$\lambda_{pk}$ (nm)	Iv (mcd)	Viewing Angle	Lens Color	Lens Diffusion	Terminals	Voltage/Current	
								Design Vf/If	Max Vf/If
31W-NWA28H-NAO	Amber	592	2180	35/35	Amber	Clear	Wire Leads	28V/16.5mA	30V/18mA
31W-NWG28H-NGO	Green	520	2000	45	Green	Clear	Wire Leads	28V/15mA	30V/17mA

### 34 (Flush Lens)



Example:

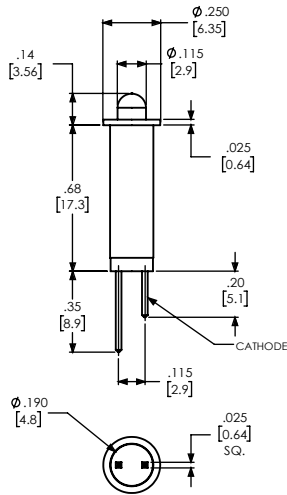
#### 34W-BA28H-NAO

34 Series Flush Lens, Amber LED,  
Diffused Amber Lens, 28V with Wire Leads

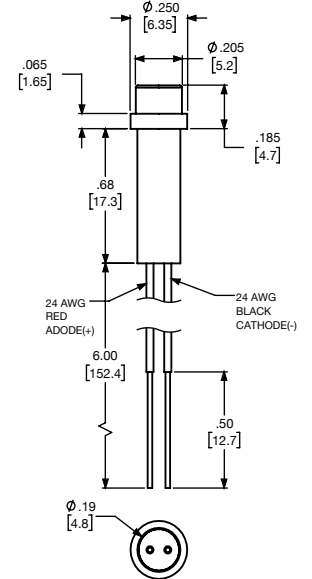
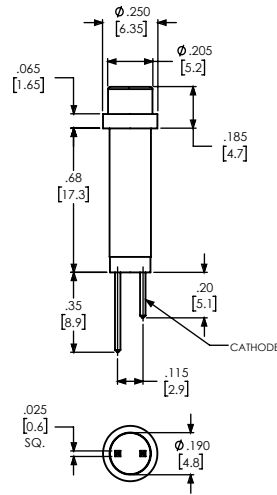
Part Number	Color	$\lambda_{pk}$ (nm)	Iv (mcd)	Viewing Angle	Lens Color	Lens Diffusion	Terminals	Voltage/Current	
								Design Vf/If	Max Vf/If
34W-BA28H-NAO	Amber	583	14	60	Amber	Diffused	Wire Leads	28V/16.5mA	30V/18mA
34W-BG28H-NGO	Green	565	14	60	Green	Diffused	Wire Leads	28V/16.5mA	30V/18mA
34W-BR28H-NRO	Red	635	14	60	Red	Diffused	Wire Leads	28V/16.5mA	30V/18mA

# Product Dimensions

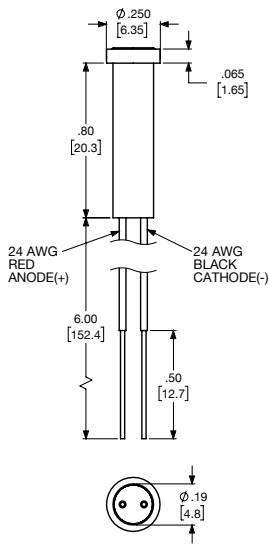
## 305 (No Lens)



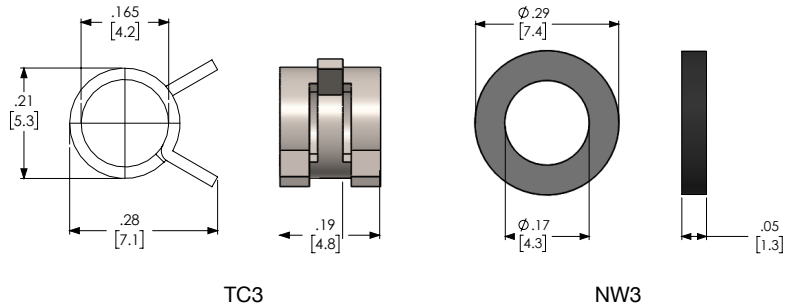
## 31 (Hi-Hat Lens)



## 34 (Flush Lens)



## TC3 & NW3, Mounting Hardware



### Notes:

1. All dimensions are in inches [millimeters]
2. Tolerance is  $\pm 0.25$  0.01 unless otherwise noted.
3. The specifications, characteristics and technical data described in the datasheet are subject to change without prior notice.

## Compliances and Approvals

