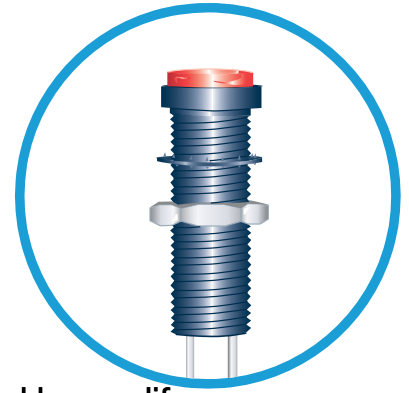




# 74S Series

## 0.312" (7.92mm)

### LED Panel Mount Indicator



74S Series with built-in long life LED offer superior construction and longer life  
Black anodized low profile LED indicator with fresnel lens  
Voltage: 2VDC - 120VAC

#### Key features

- Mounting hole size: 0.312" (7.92mm)
- Low profile with black bezel that enhances the LED contrast
- Voltage: 2-60 VDC or 120VAC
- Terminals: Bi-pin or wire leads (6" wire leads, 24 AWG)
- Available with a variety of LEDs including AlInGaP and InGaN technology for high intensity applications
- Available in six LED single colors: red, orange, amber, green, blue and white
- Five lens colors available: red, amber, yellow, green or water clear
- Low profile fresnel pattern lexan lens, that provide excellent light focus and assure maximum light output
- Black anodized aluminum body
- Low power consumption - uses up to 90% less energy than an incandescent indicator
- Mounts with hex nut and lockwasher (included)
- Suitable for high vibration applications
- LEDs operate significantly cooler than traditional lamps
- Compliant with RoHS and REACH

- Black Anodized Aluminum Body - For Detailed LED Data, See Discrete Section, MODEL 200

<b>1</b>	<b>Model</b>	<b>Wires</b>
	74S	W (optional)

### TO ORDER, FOLLOW THE EXAMPLE:

Select one **BOLD** component from each numbered category in the tables below.

<b>1</b>	<b>Model</b>	<b>2</b>	<b>LED</b>	<b>3</b>	<b>Voltage</b>	<b>4</b>	<b>Lens Diffusion</b>	<b>5</b>	<b>Lens Color</b>
	74S		<b>-NWR</b>		120		<b>-C</b>		<b>R</b>

→Part Number **74S-NWR120-CR**

HIGH INTENSITY - WATERCLEAR ENCAPSULATION						
<b>2</b>	<b>LED</b>	<b>Color</b>	$\lambda_{pk}$ (nm)	$I_v^{[1]}$ (mcd)	Viewing Angle	V/C Table <sup>[2]</sup>
	-NWR	RED	634	2800	30	I
	-NWO	ORG	605	2000	30	I
	-NWA	AMB	592	2800	30	I
	-NWG	GRN	520	2400	45	II
	-NWB	BLU	465	700	45	II
	-NWW	CWHT		2500	50	II
	-NWL	WWHT		1800	50	II

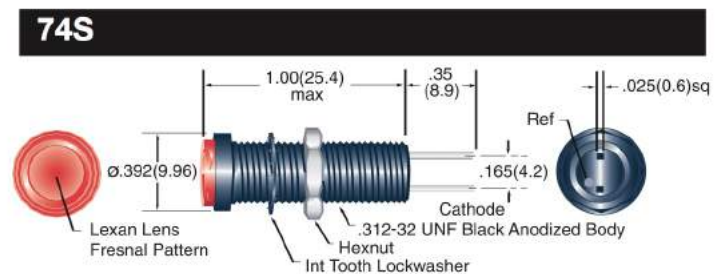
Voltage/Current	
Design Vf/If	Max Vf/If
<b>V/C Table I</b>	
5V/22mA	5.5V/28mA
12V/20mA	14V/25mA
15V/24mA	16.5V/28mA
24V/17mA	26V/20mA
28V/16.5mA	30V/18mA
48V/15mA	50V/16mA
60V/9mA	65V/10mA
120VAC/3.5mA	130VAC/4mA

<b>3</b>	<b>Voltage<sup>[3]</sup></b>
	<b>2</b>
	<b>5H</b>
	<b>12H</b>
	<b>15H</b>
	<b>24H</b>
	<b>28H</b>
	<b>48H</b>
	<b>60H</b>
	<b>120</b>

Voltage/Current	
Design Vf/If	Max Vf/If
<b>V/C Table II</b>	
5V/15mA	5.5V/23mA
12V/15mA	14V/20mA
15V/15mA	16.5V/18mA
24V/15mA	26V/18mA
28V/15mA	30V/17mA
48V/9.5mA	50V/10mA
60V/7mA	65V/8mA
120VAC/3.5mA	130VAC/4mA

<b>4</b>	<b>Lens Diffusion</b>
	<b>-C</b> Clear

<b>5</b>	<b>Lens Color</b>
<b>R</b>	Red
<b>G</b>	Green
<b>A</b>	Amber
<b>W</b>	Water Clear
<b>Y</b>	Yellow



[1]  $I_v$  = typical luminous intensity @  $I_f = 20\text{mA}$  ( $T_a = 25^\circ\text{C}$ ).  $I_v$  is measured without lenses.  
 [2] See Voltage/Current table for design specifications.

[3]  $T_a = 25^\circ\text{C}$ . Voltages 5H through 60H are VDC. For AC operation, insert D after Voltage (e.g. 24HD), D indicates built-in rectifier; not required for 5H or 120VAC. DC operation not available for 120V.

#### Standard Wire Leads:

6.0" total length (nominal) / .50" stripped (nominal), red anode/black cathode, 24 AWG TPB UL1061 insulation. Contact factory for other lengths, gauges and colors.

#### All dimensions are in inches (mm)

Tolerances: .xx"(x)  $\pm .025"$  (.63) / .xxx"(xx)  $\pm .010"$  (.25)  
 Specifications are subject to change without notice.