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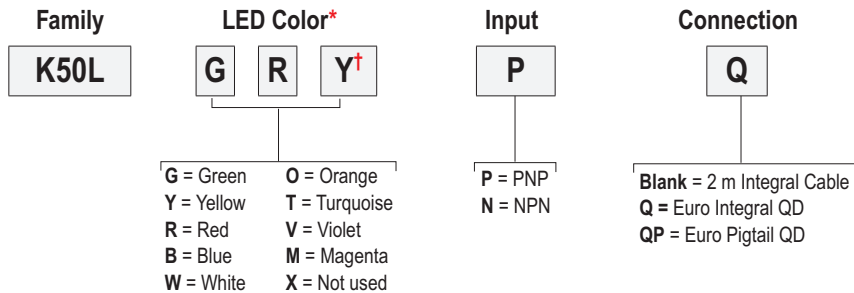


# K50L Domed Indicators

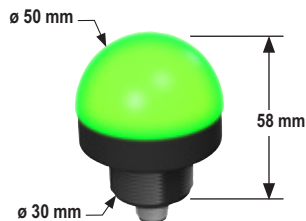
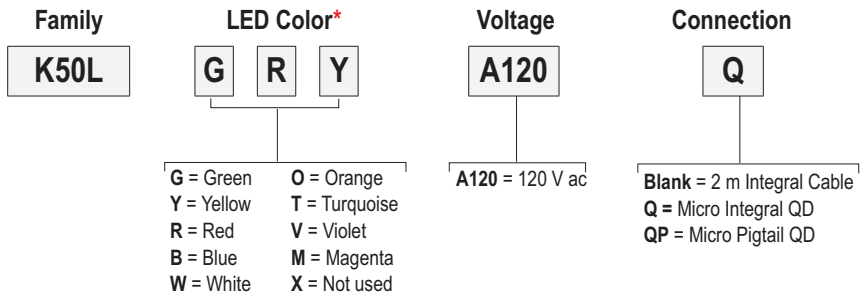
Banner's K50L is our most popular indicator light. The smooth 50 mm diameter dome gives uniform illumination from all directions. These indicators are completely epoxy encapsulated, which protects the electronics from the harshest environments, making them nearly indestructible. The neutral color when in the off condition eliminates false indication from surrounding ambient light.

- Up to three colors in one device with many different color combinations
- Long-lasting, energy-efficient LEDs for years of operation with zero maintenance
- Many models rated to IP69K to handle high-pressure washdown environments
- Base has internal and external threads allowing for a variety of mounting methods
- Multifunction models available see page 607

## K50L Two or Three Color Model Key, 18-30 V DC Example Model Number K50LGRYPQ



## K50L Two or Three Color Model Key, 85-130 V AC Example Model Number K30LGRYA120Q



K50L Models

For more specifications see page 577.



**Connection Option:** A model with a QD requires a mating cordset (see page 581).

Multifunction models available see page 607

\* Single-color models are available. Colors are independently selectable. Contact factory for other colors and color combinations.

† Add 7 after last color option for Sensor Emulators(example, **K50LGYX7PQ**). Use with discrete output of photoelectric and proximity sensors to duplicate the sensor's Green and Yellow indicator function. When the sensor is powered, the Green LED is ON. When the sensor's output is energized, the Yellow LED is ON.

## EZ-LIGHT® Base-Mount Specifications

<b>Supply Voltage and Current</b>	<p><b>K50L:</b> 18 to 30 V dc (10% max. ripple)  <b>Indicators:</b> 65 mA at 12 V dc; 35 mA at 30 V dc max. current per color  <b>Audible:</b> 35 mA max. current  <b>K50LD:</b> 15 to 30 V dc; 85 to 130 V ac or 75 to 120 V dc @ 16 mA max.  <b>K50BL:</b> 12 to 30 V dc; 85 to 130 V ac or 75 to 120 V dc; 100 to 250 V ac or 90 to 240 V dc  <b>K30L:</b> 10 to 30 V dc</p>
<b>Supply Protection Circuitry</b>	Protected against reverse polarity, transient voltages
<b>Construction</b>	Polycarbonate housing
<b>Environmental Rating</b>	<p><b>K50L:</b> IEC IP67  <b>Audible Models: Standard:</b> IEC IP50  <b>Sealed:</b> IEC IP67  <b>K50LD:</b> IEC IP67  <b>K50BL:</b> IEC IP67 and IP69, per DIN 40050  <b>K30L:</b> IEC IP67</p>
<b>Operating Temperature</b>	-40° to +50° C
<b>Certifications</b>	<p><b>K30L, K50L &amp; K80L:</b>  <b>K50L:</b>  <b>LISTED</b> (Depending on model)</p>
<b>Hookups</b>	<p><b>K50L, K30L:</b> LI12 (p. 1003)  <b>K50LD 1 color:</b> DC LI21 (p. 1006)    <b>AC:</b> LI23 (p. 1006)  <b>K50LD 3 color:</b> LI22 (p. 1006)  <b>K50BL:</b> DC LI21 (p. 1006)    <b>AC:</b> LI23 (p. 1006)</p>

# LOOKING FOR MORE

These multicolor indicator lights are extremely versatile. They allow for any of the colors to be ON, steady or flashing, or you can alternate between colors. The functionality is easily controlled with simple combinations of the hookup wires. Choose up to five colors in a single device with several different housing styles available.

## Three Color Multifunction Model Key, 18-30 V DC Example Model Number K50LGRY2PQ

Family	LED Color	Function	Input	Connection
<b>K50L</b>	<b>G R Y</b>	<b>2</b>	<b>P</b>	<b>Q</b>
K50L K50FL K80L T30 M18	G = Green    T = Turquoise Y = Yellow    O = Orange R = Red       V = Violet B = Blue      M = Magenta W = White		P = PNP N = NPN	Blank = 2 m Integral Cable Q = Euro Integral QD QP = Euro Pigtail QD



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K50FL page 599

## Four Color Multifunction Model Key, 18-30 V DC Example Model Number K50LGRYB4PQ

Family	LED Color	Function	Input	Connection
<b>K50L</b>	<b>G R Y B</b>	<b>4</b>	<b>P</b>	<b>Q</b>
K50L K50FL K80L	G = Green    T = Turquoise Y = Yellow    O = Orange R = Red       V = Violet B = Blue      M = Magenta W = White		P = PNP N = NPN	Blank = 2 m Integral Cable Q = Euro Integral QD QP = Euro Pigtail QD



K80L page 596



T30 page 590

## K50L Five Color Multifunction Model Key, 18-30 V DC Example Model Number K50LGRYBWPQ8

Family	LED Color	Input	Connection
<b>K50L</b>	<b>G R Y B W</b>	<b>P</b>	<b>Q8</b>
K50L K50FL K80L	G = Green    T = Turquoise Y = Yellow    O = Orange R = Red       V = Violet B = Blue      M = Magenta W = White	P = PNP N = NPN	Blank = 2 m Integral Cable Q = Euro Integral QD QP = Euro Pigtail QD



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