

# TL50 Beacon Tower Light

## Product Specifications

<b>Supply Voltage and Current</b>	12 to 30V dc (10% max. ripple); or 21 to 27V ac <b>Indicators</b> — max. current per LED color: <b>@ 12V dc:</b> 125 mA <b>@ 30V dc:</b> 60 mA <b>@ 21V ac:</b> 80 mA <b>@ 27V ac:</b> 70 mA <b>Standard Audible Alarm:</b> 25 mA max. current <b>Sealed Audible Alarm:</b> 35 mA max. current
<b>Indicators</b>	1-4 colors depending on model; Green, Red, Yellow, Blue LEDs are independently selected
<b>Supply Protection Circuitry</b>	Protected against reverse polarity and transient voltages
<b>Input Response Time</b>	Indicator ON/OFF: 1 ms (max.)
<b>Connections</b>	Integral 4-pin, 5-pin or 8-pin M12/Euro-style QD, 150 mm PVC pigtail with QD, or 2 m (6.5') integral cable, depending on model
<b>Operating Conditions</b>	<b>General-Purpose:</b> -40° to +50° C (-40° to +122° F) <b>Standard and Sealed Audible:</b> -20° to +50° C (-4° to +122° F) <b>Max. Rel. Humidity:</b> 95% @ 50° C (non-condensing)
<b>Vibration and Mechanical Shock</b>	All models meet Mil. Std. 202F requirements method 201A (vibration: 10 to 60 Hz max., double amplitude 0.06 in, maximum acceleration 10G). Also meets IEC 947-5-2; 30G 11 ms duration, half sine wave.
<b>Construction</b>	<b>Bases and Covers:</b> ABS <b>Light Segment:</b> Polycarbonate
<b>Audible Adjustment</b>	<b>Standard Audible Alarm:</b> Unscrew the cover (up to 1.5 turns max.) to adjust the audible intensity. (Do not exceed 1.5 turns or the cover may detach during operation.) For max. intensity, rotate the center plug 180° counterclockwise to remove it. <b>Sealed Audible Alarm:</b> Rotate the front cover until the desired intensity is reached.
<b>Audible Alarm</b>	Audible measurements are made in the direction sound exits the device. For standard audible models, this is the top of the unit (when mounted vertically, sound is directed toward the ceiling). For sealed audible models, sound exits the vented openings in the side of the unit, which should be oriented so that the sound is directed toward the machine operator(s). In environments with high ambient noise levels or high ceilings that absorb sound, the sealed version is recommended. <b>Standard Audible Alarm:</b> 2.7 KHz ± 500 Hz oscillation frequency; max. intensity 92 db @ 1 meter (typical) <b>Sealed Audible Alarm:</b> 2.9 KHz ± 250 Hz oscillation frequency; max. intensity 94 db @ 1 meter (typical)

<b>Environmental Rating</b>	<b>General-Purpose and Sealed Audible: IEC IP67</b> <b>Standard Audible: IEC IP50</b>
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