

TL50BLZY2R2G LED Indicator – Tower Light

Technical data

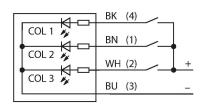
ID 3086951 Signal and display data Purpose LED indicator light Function Tower light Light type Yellow, flashing Red, flashing Green LED service life (L70) 50000 h Dimmable no Features of color 1 Yellow, Flashing, 15 Im Features of color 2 Red, Flashing, 24 Im Features of color 3 Green, Permanently on, 52 Im Electrical data Operating voltage 85264 VAC AC rated operational current ≤ 70 mA Max. current consumption per color 55 mA Input type AC Response time typical < 500 ms Mechanical data Cascadable No Design Smooth barrel, TL50BLZ Dimensions Ø 50 x 190.5 x 190.5 mm Housing material Plastic, ABS, Black Window material Polycarbonate, clear Electrical connection Cable, 2 m, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67 Tests/approvals CE, UL listed	Туре	TL50BLZY2R2G
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Dimmable no Features of color 1 Yellow, Flashing, 15 Im Features of color 2 Red, Flashing, 24 Im Features of color 3 Green, Permanently on, 52 Im Electrical data To ma Operating voltage 85264 VAC AC rated operational current ≤ 70 mA Max. current consumption per color 55 mA Input type AC Response time typical < 500 ms	Light type	Red, flashing
Features of color 1 Features of color 2 Red, Flashing, 24 Im Features of color 3 Green, Permanently on, 52 Im Electrical data Operating voltage 85264 VAC AC rated operational current ✓ 70 mA Max. current consumption per color Input type AC Response time typical Cascadable No Design Smooth barrel, TL50BLZ Dimensions Ø 50 x 190.5 x 190.5 mm Housing material Plastic, ABS, Black Window material Polycarbonate, clear Electrical connection Cable, 2 m, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67 Tests/approvals	LED service life (L70)	50000 h
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Features of color 3 Green, Permanently on, 52 Im Electrical data Operating voltage 85264 VAC AC rated operational current ≤ 70 mA Max. current consumption per color Input type AC Response time typical Cascadable No Design Smooth barrel, TL50BLZ Dimensions Ø 50 x 190.5 x 190.5 mm Housing material Plastic, ABS, Black Window material Polycarbonate, clear Electrical connection Cable, 2 m, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67 Tests/approvals	Features of color 1	Yellow, Flashing, 15 Im
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Operating voltage 85264 VAC AC rated operational current ≤ 70 mA Max. current consumption per color 55 mA Input type AC Response time typical < 500 ms	Features of color 3	Green, Permanently on, 52 Im
AC rated operational current ≤ 70 mA Max. current consumption per color 55 mA Input type AC Response time typical <500 ms Mechanical data Cascadable No Design Smooth barrel, TL50BLZ Dimensions Ø 50 x 190.5 x 190.5 mm Housing material Plastic, ABS, Black Window material Polycarbonate, clear Electrical connection Cable, 2 m, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67 Tests/approvals	Electrical data	
Max. current consumption per color Input type AC Response time typical Mechanical data Cascadable Design Smooth barrel, TL50BLZ Dimensions Ø 50 x 190.5 x 190.5 mm Housing material Plastic, ABS, Black Window material Polycarbonate, clear Electrical connection Cable, 2 m, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67	Operating voltage	85264 VAC
Input type AC Response time typical <500 ms Mechanical data Cascadable No Design Smooth barrel, TL50BLZ Dimensions Ø 50 x 190.5 x 190.5 mm Housing material Plastic, ABS, Black Window material Polycarbonate, clear Electrical connection Cable, 2 m, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67 Tests/approvals	AC rated operational current	≤ 70 mA
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Housing material Plastic, ABS, Black Window material Polycarbonate, clear Electrical connection Cable, 2 m, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67 Tests/approvals	Design	Smooth barrel, TL50BLZ
Window material Polycarbonate, clear Electrical connection Cable, 2 m, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67 Tests/approvals	Dimensions	Ø 50 x 190.5 x 190.5 mm
Electrical connection Cable, 2 m, PVC Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67 Tests/approvals	Housing material	Plastic, ABS, Black
Number of cores 4 Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67 Tests/approvals	Window material	Polycarbonate, clear
Ambient temperature -40+50 °C Relative humidity 095 % Protection class IP67 Tests/approvals	Electrical connection	Cable, 2 m, PVC
Relative humidity 095 % Protection class IP67 Tests/approvals	Number of cores	4
Protection class IP67 Tests/approvals	Ambient temperature	-40+50 °C
Tests/approvals	Relative humidity	095 %
	Protection class	IP67
Approvals CE, UL listed	Tests/approvals	
	Approvals	CE, UL listed



Features

- ■Plastic housing, black
- ■Protection class IP67
- ■EMI and RFI immune
- Colors: Yellow (COL 1) / Red flashing (COL
 - 2) / Green flashing (COL 3)
- Operating voltage: 85...264 VAC

Wiring diagram



Functional principle

The rugged multifunction TL50 beacons are available in many variations and are easily mounted. They can be assembled from maximally four varicolored LEDs, with or without beeper. You can choose from three different lighting functions (steady, rotating, flashing). In the type code the lighting function is indicated after the color (without number: steady; 1: rotating; 2: flashing). Good visible display of status for indoor and outdoor applications.

The wiring diagram shows a PNP pin assignment

The type code indicates the 5 colors blue (B), green (G), red (R), yellow (Y) and white (W) in the same order in which they are arranged in the beacon, from bottom to top. Example: TL50GYRQ.