LED Signal Light
Tower Light
TL50BLZGGGRR

Type	TL50BLZGGGRR
ID	3093435

Signal and display data	
Purpose	LED indicator light
Function	Tower light
Light type	Green
	Green
	Green
	Red
	Red
LED service life (L70)	50000 h
Dimmable	No
Features of color 1	Green, Permanently on, 52 lm
Features of color 2	Green, Permanently on, 52 lm
Features of color 3	Green, Permanently on, 52 lm
Features of color 4	Red, Permanently on, 24 lm
Features of color 5	Red, Permanently on, 24 lm

Electrical data	
Operating voltage U_B	85…264VAC
AC rated operational current	$\leq$ 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 237 mm
Housing material	Plastic, ABS, Black
Window material	Polycarbonate, clear
Electrical connection	Cable, 2 m, PVC
Number of cores	6
Ambient temperature	-40…+50 °C
Relative humidity	0…95%
Protection class	IP67

Tests/approvals	
Approvals	CE, UL listed

- Plastic housing, black
- Protection class IP67
- EMI and RFI immune
- Colors: Green (COL 1)/Green (COL 2)/ Green (COL 3)/Red (COL 4)/Red (COL 5)
- Operating voltage: 85…264 VAC

Wiring Diagram
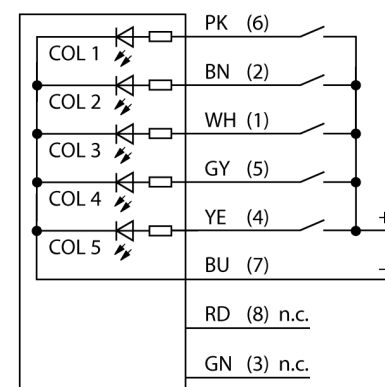
Functional principle

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.