

TL50BLZR1

LED signal light
Tower light



Type designation	TL50BLZR1
Ident-No.	3085399

Technical data

General data	
Purpose	LED indicator light
Optical data	
Light type	Red, rotating
Signal and Display Data	
Features of color 1	Red, Rotating, 24 lm
LED service life (L70)	50000 h
Number of colors/segments	1
Power supply	

Features

- Plastic housing, black
- Protection class IP67
- Protection against electromagnetic and high-frequency interference
- Monochrome: Red rotating (COL 1)
- Operating voltage: 85...264 VAC

Functional principle

The rugged multifunction TL50 beacons are available in many variations and are easily mounted. They can be assembled from up to four varicolored LEDs, with or without a beeper. Different lighting functions are also possible. In the type code, the lighting function is indicated after the color (without number: steady; 1: rotating; 2: flashing).

Technical data

Operating voltage U_B	85...264 VAC
Electrical data	
AC rated operational current	≤ 70 mA
Output function	4-wire
Max. current consumption per color	55 mA
Response time typical	<500 ms
Inputs	
Input type	AC
Mechanical data	
Design	Smooth barrel
Construction type designation	TL50BLZ
	$\varnothing 50$ mm
Dimensions	133,8 mm
Housing material	Plastic, ABS, Black
Electrical connection	Cable
Cascadable	No
Window material	Polycarbonate, clear
Cable	
Cable length	2 m
Core cross-section	4
Cable Jacket Material	PVC
Ambient conditions	
Ambient temperature	-40...+50 °C
Relative humidity	0...95 %
Protection class	IP67
Tests/approvals	
Approvals	CE, UL listed
Displays/controls	
Dimmable	No

Clearly visible status displays for indoor and outdoor applications.

The wiring diagram shows a PNP pin assignment.

Five colors are available: blue (B), green (G), red (R), yellow (Y) and white (W). The light sequence from bottom to top is specified in the type designation of the tower light.

Example: TL50GYRQ.