

TL50BLZY2R2G LED Indicator – Tower Light

Technical data

ID3086951Signal and display dataPurposeFunctionTower lightLight typeYellow, flashing Red, flashing GreenLED service life (L70)50000 hDimmableNoFeatures of color 1Yellow, Flashing, 15 ImFeatures of color 2Red, Flashing, 24 ImFeatures of color 3Green, Permanently on, 52 ImElectrical dataOperating voltage0perating voltage85264 VACAC rated operational current≤ 70 mAMax. current consumption per color55 mAInput typeACResponse time typical< 500 msMechanical dataUCascadableNoDesignSmooth barrel, TL50BLZDimensionsØ 50 x 190.5 mmHousing materialPlastic, ABS, BlackWindow materialPolycarbonate, clearElectrical connectionCable, 2 m, PVCNumber of cores4Ambient temperature-40+50 °CRelative humidity095 %Protection classIP67Tests/approvalsCE, UL listed	Туре	TL50BLZY2R2G
PurposeLED indicator lightFunctionTower lightLight typeYellow, flashing Red, flashing GreenLED service life (L70)50000 hDimmableNoFeatures of color 1Yellow, Flashing, 15 ImFeatures of color 2Red, Flashing, 24 ImFeatures of color 3Green, Permanently on, 52 ImElectrical dataJoperating voltageOperating voltage85264 VACAC rated operational current≤ 70 mAMax. current consumption per color55 mAInput typeACResponse time typical< 500 ms	ID	3086951
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Red, flashing GreenLED service life (L70)50000 hDimmableNoFeatures of color 1Yellow, Flashing, 15 lmFeatures of color 2Red, Flashing, 24 lmFeatures of color 3Green, Permanently on, 52 lmElectrical dataOperating voltage85264 VACAC rated operational current< 70 mA	Function	Tower light
DimmableNoFeatures of color 1Yellow, Flashing, 15 lmFeatures of color 2Red, Flashing, 24 lmFeatures of color 3Green, Permanently on, 52 lmElectrical dataOperating voltage85264 VACAC rated operational current≤ 70 mAMax. current consumption per color55 mAInput typeACResponse time typical< 500 ms	Light type	Red, flashing
Features of color 1Yellow, Flashing, 15 lmFeatures of color 2Red, Flashing, 24 lmFeatures of color 3Green, Permanently on, 52 lmElectrical dataOperating voltage85264 VACAC rated operational current≤ 70 mAMax. current consumption per color55 mAInput typeACResponse time typical< 500 ms	LED service life (L70)	50000 h
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Features of color 3Green, Permanently on, 52 lmElectrical dataOperating voltage85264 VACAC rated operational current≤ 70 mAMax. current consumption per color55 mAInput typeACResponse time typical< 500 ms	Features of color 1	Yellow, Flashing, 15 Im
Electrical dataOperating voltage85264 VACAC rated operational current≤ 70 mAMax. current consumption per color55 mAInput typeACResponse time typical< 500 ms	Features of color 2	Red, Flashing, 24 Im
Operating voltage85264 VACAC rated operational current≤ 70 mAMax. current consumption per color55 mAInput typeACResponse time typical< 500 ms	Features of color 3	Green, Permanently on, 52 Im
AC rated operational current≤ 70 mAMax. current consumption per color55 mAInput typeACResponse time typical< 500 ms	Electrical data	
Max. current consumption per color55 mAInput typeACResponse time typical< 500 ms	Operating voltage	85264 VAC
Input typeACResponse time typical< 500 ms	AC rated operational current	≤ 70 mA
Response time typical< 500 msMechanical dataNoCascadableNoDesignSmooth barrel, TL50BLZDimensionsØ 50 x 190.5 mmHousing materialPlastic, ABS, BlackWindow materialPolycarbonate, clearElectrical connectionCable, 2 m, PVCNumber of cores4Ambient temperature-40+50 °CRelative humidity095 %Protection classIP67Tests/approvalsIP67	Max. current consumption per color	55 mA
Mechanical dataCascadableNoDesignSmooth barrel, TL50BLZDimensionsØ 50 x 190.5 mmHousing materialPlastic, ABS, BlackWindow materialPolycarbonate, clearElectrical connectionCable, 2 m, PVCNumber of cores4Ambient temperature-40+50 °CRelative humidity095 %Protection classIP67Tests/approvalsIP67	Input type	AC
CascadableNoDesignSmooth barrel, TL50BLZDimensionsØ 50 x 190.5 mmHousing materialPlastic, ABS, BlackWindow materialPolycarbonate, clearElectrical connectionCable, 2 m, PVCNumber of cores4Ambient temperature-40+50 °CRelative humidity095 %Protection classIP67Tests/approvalsIP67	Response time typical	< 500 ms
DesignSmooth barrel, TL50BLZDimensionsØ 50 x 190.5 mmHousing materialPlastic, ABS, BlackWindow materialPolycarbonate, clearElectrical connectionCable, 2 m, PVCNumber of cores4Ambient temperature-40+50 °CRelative humidity095 %Protection classIP67Tests/approvals	Mechanical data	
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Housing materialPlastic, ABS, BlackWindow materialPolycarbonate, clearElectrical connectionCable, 2 m, PVCNumber of cores4Ambient temperature-40+50 °CRelative humidity095 %Protection classIP67Tests/approvals	Design	Smooth barrel, TL50BLZ
Window materialPolycarbonate, clearElectrical connectionCable, 2 m, PVCNumber of cores4Ambient temperature-40+50 °CRelative humidity095 %Protection classIP67Tests/approvals	Dimensions	Ø 50 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 cores4Ambient temperature-40+50 °CRelative humidity095 %Protection classIP67Tests/approvalsIP67	Window material	Polycarbonate, clear
Ambient temperature-40+50 °CRelative humidity095 %Protection classIP67Tests/approvalsIP67	Electrical connection	Cable, 2 m, PVC
Relative humidity095 %Protection classIP67Tests/approvalsIP67	Number of cores	4
Protection class IP67 Tests/approvals IP67	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

EMI and RFI immur

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.