

TL50BLZR2YBW LED Indicator – Tower Light

Technical data

ID3097195Signal and display dataPurposeLED indicator lightFunctionTower lightLight typeRed, flashing Yellow Blue WhiteLED service life (L70)50000 hDimmableNoFeatures of color 1Red, Flashing, 24 ImFeatures of color 2Yellow, Permanently on, 15 ImFeatures of color 3Yellow, Permanently on, 15 ImFeatures of color 4White, Permanently on, 15 ImFeatures of color 3Yellow, Permanently on, 56 ImElectrical dataUnited to the second to the sec	Туре	TL50BLZR2YBW
PurposeLED indicator lightFunctionTower lightLight typeRed, flashing Yellow Blue WhiteLED service life (L70)50000 hDimmableNoFeatures of color 1Red, Flashing, 24 lmFeatures of color 2Yellow, Permanently on, 15 lmFeatures of color 3Yellow, Permanently on, 15 lmFeatures of color 4White, Permanently on, 56 lmElectrical dataVolte, Permanently on, 56 lmOperating voltage85264 VACAC rated operational current\$ 70 mAMax. current consumption per color55 mAInput typeACResponse time typical< 500 ms	ID	3097195
FunctionTower lightLight typeRed, flashing Yellow Blue WhiteLED service life (L70)50000 hDimmableNoFeatures of color 1Red, Flashing, 24 ImFeatures of color 2Yellow, Permanently on, 15 ImFeatures of color 3Yellow, Permanently on, 15 ImFeatures of color 4White, Permanently on, 56 ImElectrical dataUOperating voltage85264 VACAC rated operational current≤ 70 mAMax. current consumption per color55 mAInput typeACResponse time typical< 500 ms	Signal and display data	
Light typeRed, flashing Yellow Blue WhiteLED service life (L70)50000 hDimmableNoFeatures of color 1Red, Flashing, 24 ImFeatures of color 2Yellow, Permanently on, 15 ImFeatures of color 3Yellow, Permanently on, 15 ImFeatures of color 4White, Permanently on, 56 ImElectrical dataVolceOperating voltage85264 VACAC rated operational current≤ 70 mAMax. current consumption per color55 mAInput typeACResponse time typical< 500 ms	Purpose	LED indicator light
Yellow Blue WhiteLED service life (L70)50000 hDimmableNoFeatures of color 1Red, Flashing, 24 lmFeatures of color 2Yellow, Permanently on, 15 lmFeatures of color 3Yellow, Permanently on, 15 lmFeatures of color 4White, Permanently on, 56 lmElectrical dataVoltageOperating voltage85264 VACAC rated operational current≤ 70 mAMax. current consumption per color55 mAInput typeACResponse time typical< 500 ms	Function	Tower light
DimmableNoFeatures of color 1Red, Flashing, 24 ImFeatures of color 2Yellow, Permanently on, 15 ImFeatures of color 3Yellow, Permanently on, 15 ImFeatures of color 4White, Permanently on, 56 ImElectrical dataVoltageOperating voltage85264 VACAC rated operational current\$70 mAMax. current consumption per color55 mAInput typeACResponse time typical<500 ms	Light type	Yellow Blue
Features of color 1Red, Flashing, 24 ImFeatures of color 2Yellow, Permanently on, 15 ImFeatures of color 3Yellow, Permanently on, 15 ImFeatures of color 4White, Permanently on, 56 ImElectrical dataVallow, Permanently on, 56 ImOperating voltage85264 VACAC rated operational current≤ 70 mAMax. current consumption per color55 mAInput typeACResponse time typical< 500 ms	LED service life (L70)	50000 h
Features of color 2Yellow, Permanently on, 15 lmFeatures of color 3Yellow, Permanently on, 15 lmFeatures of color 4White, Permanently on, 56 lmElectrical dataOperating voltage85264 VACAC rated operational current≤ 70 mAMax. current consumption per color55 mAInput typeACResponse time typical< 500 ms	Dimmable	No
Features of color 3Yellow, Permanently on, 15 lmFeatures of color 4White, Permanently on, 56 lmElectrical dataOperating voltage85264 VACAC rated operational current≤ 70 mAMax. current consumption per color55 mAInput typeACResponse time typical< 500 ms	Features of color 1	Red, Flashing, 24 Im
Features of color 4White, Permanently on, 56 lmElectrical dataVinte, Permanently on, 56 lmOperating voltage85264 VACAC rated operational current≤ 70 mAMax. current consumption per color55 mAInput typeACResponse time typical< 500 ms	Features of color 2	Yellow, Permanently on, 15 Im
Electrical dataOperating voltage85264 VACAC rated operational current≤ 70 mAMax. current consumption per color55 mAInput typeACResponse time typical< 500 ms	Features of color 3	Yellow, Permanently on, 15 Im
Operating voltage85264 VACAC rated operational current≤ 70 mAMax. current consumption per color55 mAInput typeACResponse time typical< 500 ms	Features of color 4	White, Permanently on, 56 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 211.2 mmHousing materialPlastic, ABS, BlackWindow materialPolycarbonate, clearElectrical connectionCable, 2 m, PVCNumber of cores5Ambient temperature-40+50 °CRelative humidity095 %Protection classIP67Tests/approvalsIP67	Max. current consumption per color	55 mA
Mechanical dataCascadableNoDesignSmooth barrel, TL50BLZDimensionsØ 50 x 211.2 mmHousing materialPlastic, ABS, BlackWindow materialPolycarbonate, clearElectrical connectionCable, 2 m, PVCNumber of cores5Ambient temperature-40+50 °CRelative humidity095 %Protection classIP67Tests/approvalsIP67	Input type	AC
CascadableNoDesignSmooth barrel, TL50BLZDimensionsØ 50 x 211.2 mmHousing materialPlastic, ABS, BlackWindow materialPolycarbonate, clearElectrical connectionCable, 2 m, PVCNumber of cores5Ambient temperature-40+50 °CRelative humidity095 %Protection classIP67Tests/approvals	Response time typical	< 500 ms
DesignSmooth barrel, TL50BLZDimensionsØ 50 x 211.2 mmHousing materialPlastic, ABS, BlackWindow materialPolycarbonate, clearElectrical connectionCable, 2 m, PVCNumber of cores5Ambient temperature-40+50 °CRelative humidity095 %Protection classIP67Tests/approvals	Mechanical data	
DimensionsØ 50 x 211.2 mmHousing materialPlastic, ABS, BlackWindow materialPolycarbonate, clearElectrical connectionCable, 2 m, PVCNumber of cores5Ambient temperature-40+50 °CRelative humidity095 %Protection classIP67Tests/approvals	Cascadable	No
Housing materialPlastic, ABS, BlackWindow materialPolycarbonate, clearElectrical connectionCable, 2 m, PVCNumber of cores5Ambient temperature-40+50 °CRelative humidity095 %Protection classIP67Tests/approvals	Design	Smooth barrel, TL50BLZ
Window materialPolycarbonate, clearElectrical connectionCable, 2 m, PVCNumber of cores5Ambient temperature-40+50 °CRelative humidity095 %Protection classIP67Tests/approvals	Dimensions	Ø 50 x 211.2 mm
Electrical connectionCable, 2 m, PVCNumber of cores5Ambient temperature-40+50 °CRelative humidity095 %Protection classIP67Tests/approvals	Housing material	Plastic, ABS, Black
Number of cores5Ambient 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 humidity 095 % Protection class IP67 Tests/approvals	Number of cores	5
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

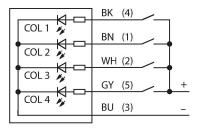
Protection class IP67

EMI and RFI immune

Colors: Red flashing (COL 1) / Yellow (COL 2) / Blue (COL 3) / White (COL 4)

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.