

Ø80mm Bulb Steady/Flashing Tower Lights

ST80MB



ST80MB Ø80mm Direct mount, Bulb Steady/Flashing

Model number	Layers	Voltage	Bulb			Certificates	Weight	Color
			Spec	Standard	Parts no			
ST80MB Steady	1	AC/DC12V	12V10W	T16x35 15S	9	-	0.42kg	● R-Red
		AC/DC24V	24V10W	T16x35 15S	10		0.42kg	
		AC110V	120V10W	T16x35 15S	12		0.42kg	
		AC220V	240V10W	T16x35 15S	13		0.42kg	
	2	AC/DC12V	12V10W	T16x35 15S	9		0.56kg	● R-Red
		AC/DC24V	24V10W	T16x35 15S	10		0.56kg	
		AC110V	120V10W	T16x35 15S	12		0.56kg	● G-Green
		AC220V	240V10W	T16x35 15S	13		0.56kg	
	3	AC/DC12V	12V10W	T16x35 15S	9		0.68kg	● R-Red
		AC/DC24V	24V10W	T16x35 15S	10		0.68kg	
		AC110V	120V10W	T16x35 15S	12		0.68kg	● A-Amber
		AC220V	240V10W	T16x35 15S	13		0.68kg	
	4	AC/DC12V	12V10W	T16x35 15S	9		0.84kg	● R-Red
		AC/DC24V	24V10W	T16x35 15S	10		0.84kg	
		AC110V	120V10W	T16x35 15S	12		0.84kg	● G-Green
		AC220V	240V10W	T16x35 15S	13		0.84kg	
	5	AC/DC12V	12V10W	T16x35 15S	9		0.98kg	● R-Red
		AC/DC24V	24V10W	T16x35 15S	10		0.98kg	
		AC110V	120V10W	T16x35 15S	12		0.98kg	● G-Green
		AC220V	240V10W	T16x35 15S	13		0.98kg	



ST80MB Series

Built-in buzzer output
holes formed on the
housing of the product



Light source/buzzer current(based on 1 layer)

Voltage	AC/DC12V	AC/DC24V	AC110V	AC220V
Light source current(1 layer)	0.900A	0.520A	0.115A	0.050A
Buzzer current	0.040A	0.075A	0.110A	0.130A

Customization

- 2 buzzer sound types : Both prolonged (beep, beep) and staccato (beep, beep, beep) buzzer output available
- Wall mount bracket options : Bracket structure allows for threading through the bracket hole or into the wall



Ordering Specifications

ST80MB	-	3	-	24	-	RAG
[Model number]		[Layers]		[Voltage]		[Color]
ST80MB		1-1 Layers		12-DC12V		● R-Red
ST80MB-BZ		2-2 Layers		24-DC24V		● A-Amber
ST80MBF		3-3 Layers		110-AC110V		● G-Green
ST80MBF-BZ		4-4 Layers		220-AC220V		● B-Blue
		5-5 Layers				○ W-White



ST80B Ø80mm Pole mount, Bulb Steady/Flashing



ST80B Series

Built-in buzzer output holes formed on the housing of the product



Model number	Layers	Voltage	Bulb			Certificates	Weight	Color
			Spec	Standard	Parts no			
ST80B Steady	1	AC/DC12V	12V10W	T16x35 15S	9		0.61kg	● R-Red
		AC/DC24V	24V10W	T16x35 15S	10		0.61kg	
		AC110V	120V10W	T16x35 15S	12		0.61kg	
		AC220V	240V10W	T16x35 15S	13		0.61kg	
	2	AC/DC12V	12V10W	T16x35 15S	9		0.75kg	● R-Red ● G-Green
		AC/DC24V	24V10W	T16x35 15S	10		0.75kg	
		AC110V	120V10W	T16x35 15S	12		0.75kg	
		AC220V	240V10W	T16x35 15S	13		0.75kg	
	3	AC/DC12V	12V10W	T16x35 15S	9		0.88kg	● R-Red ● A-Amber ● G-Green
		AC/DC24V	24V10W	T16x35 15S	10		0.88kg	
		AC110V	120V10W	T16x35 15S	12		0.88kg	
		AC220V	240V10W	T16x35 15S	13		0.88kg	
	4	AC/DC12V	12V10W	T16x35 15S	9		1.04kg	● R-Red ● A-Amber ● G-Green ● B-Blue
		AC/DC24V	24V10W	T16x35 15S	10		1.04kg	
		AC110V	120V10W	T16x35 15S	12		1.04kg	
		AC220V	240V10W	T16x35 15S	13		1.04kg	
	5	AC/DC12V	12V10W	T16x35 15S	9		1.18kg	● R-Red ● A-Amber ● G-Green ● B-Blue ○ W-White
		AC/DC24V	24V10W	T16x35 15S	10		1.18kg	
		AC110V	120V10W	T16x35 15S	12		1.18kg	
		AC220V	240V10W	T16x35 15S	13		1.18kg	

Light source/buzzer current(based on 1 layer)

Voltage	AC/DC12V	AC/DC24V	AC110V	AC220V
Light source current(1 layer)	0.900A	0.520A	0.115A	0.050A
Buzzer current	0.040A	0.075A	0.110A	0.130A

Mounting bracket

Standard	LB24	LW24	QZ24	SZ24	QL24	SL24
Steel	Steel	ABS	ABS	Al	ABS	Al

※ Please refer to [Tower Light Mounting bracket] on this catalogue for detailed dimensions

Customization

- Customized pole length available
- 2 buzzer sound types : Both prolonged (beep, beep) and staccato (beep, beep, beep) buzzer output available

Ordering Specifications

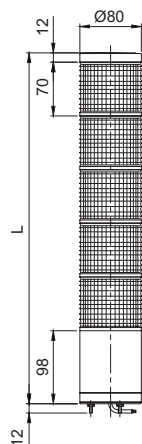
ST80B	-	3	-	24	-	RAG	-	LW24
[Model number]		[Layers]		[Voltage]		[Color]		[Bracket]
ST80B		1-1 Layers		12-DC12V		● R-Red		· None-Standard
ST80B-BZ		2-2 Layers		24-DC24V		● A-Amber		· Bracket
ST80BF		3-3 Layers		110-AC110V		● G-Green		-LB24 -LW24
ST80BF-BZ		4-4 Layers		220-AC220V		● B-Blue		-QZ24 -SZ24
		5-5 Layers				○ W-White		-QL24 -SL24

ST80MB / ST80B

Technical Diagram

Units : mm

·ST80MB-AC/DC
·ST80MBF-AC/DC



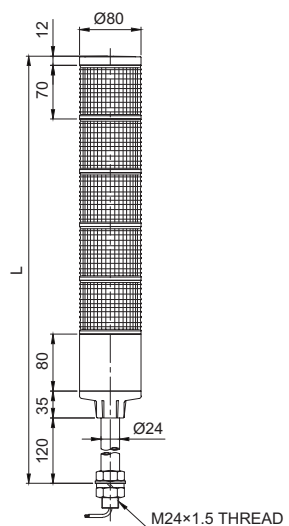
LAYER	L
1	180
2	250
3	320
4	390
5	460



·ST80MB-BZ-AC/DC
·ST80MBF-BZ-AC/DC



·ST80B-AC/DC
·ST80BF-AC/DC



LAYER	L
1	317
2	387
3	457
4	527
5	597

·ST80B-BZ-AC/DC
·ST80BF-BZ-AC/DC



Wiring Instructions

- External power line UL1015 AWG18(0.75sq) x 2C 400mm
- External signal line UL1007 AWG22(0.3sq) 400mm

ST45B / ST56B / ST80B Series

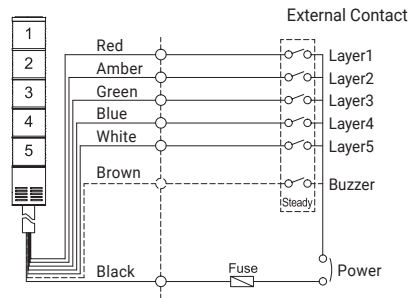
Wiring Instructions

- Please wire by following below instructions for ST45MB/ ST45B, ST56MB/ ST56B and ST80MB/ ST80B series.
- Bulb tower lights do not allow transistor wiring. Please use External Contact.

External Contact

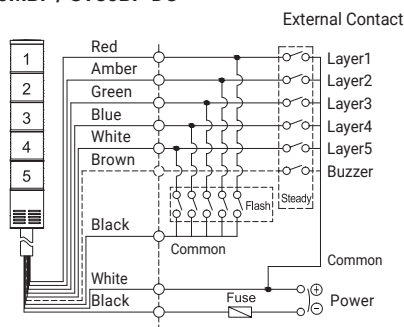
- ST45MB / ST45B-DC/AC
- ST56MB / ST56B-DC/AC
- ST80MB / ST80B-DC/AC

Steady

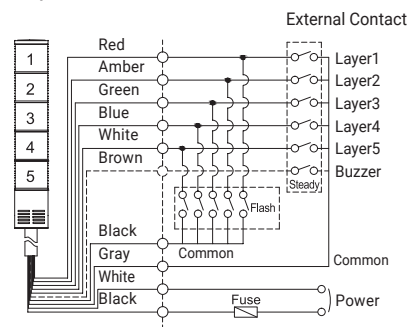


- ST45MBF / ST45BF-DC
- ST56MBF / ST56BF-DC
- ST80MBF / ST80BF-DC

Steady/Flashing



- ST45MBF / ST45BF-AC
- ST56MBF / ST56BF-AC
- ST80MBF / ST80BF-AC



- External power line UL1015 AWG18(0.75sq) x 2C 400mm
- External signal line UL1007 AWG22(0.3sq) 400mm