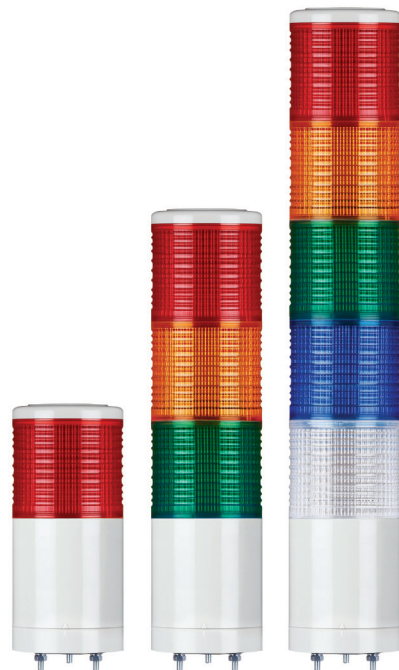


# ST80MB

## Ø80mm Bulb Steady/Flashing Tower Lights



- ST80MB** Steady
- ST80MB-BZ** Built-in Buzzer Steady
- ST80MBF** Steady/Flashing
- ST80MBF-BZ** Built-in Buzzer Steady/Flashing



**ST80MB series**

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



### **ST80MB** Ø80mm Direct mount, Bulb Steady/Flashing

Model number	Layer	Voltage	Current	Bulb			Certificates	Weight	Color
				Spec	Standard	Parts no#			
ST80MB Steady ST80MB-BZ Steady /w built-in buzzer ST80MBF Steady/ Flashing ST80MBF-BZ Steady/Flashing /w built-in buzzer	1	AC/DC12V	0.925A	12V10W	T16x35 15S	9	-	0.42kg	● R-Red
		AC/DC24V	0.514A	24V10W	T16x35 15S	10			
		AC110V	0.095A	110V10W	T16x35 15S	12			
		AC220V	0.046A	220V10W	T16x35 15S	13			
	2	AC/DC12V	1.851A	12V10W	T16x35 15S	9		0.56kg	● R-Red ● G-Green
		AC/DC24V	1.028A	24V10W	T16x35 15S	10			
		AC110V	0.191A	110V10W	T16x35 15S	12			
		AC220V	0.093A	220V10W	T16x35 15S	13			
	3	AC/DC12V	2.776A	12V10W	T16x35 15S	9		0.68kg	● R-Red ● A-Amber ● G-Green
		AC/DC24V	1.543A	24V10W	T16x35 15S	10			
		AC110V	0.286A	110V10W	T16x35 15S	12			
		AC220V	0.140A	220V10W	T16x35 15S	13			
	4	AC/DC12V	3.702A	12V10W	T16x35 15S	9		0.84kg	● R-Red ● A-Amber ● G-Green ● B-Blue
		AC/DC24V	2.057A	24V10W	T16x35 15S	10			
		AC110V	0.382A	110V10W	T16x35 15S	12			
AC220V		0.186A	220V10W	T16x35 15S	13				
5	AC/DC12V	4.627A	12V10W	T16x35 15S	9	0.98kg	● R-Red ● A-Amber ● G-Green ● B-Blue ● W-White		
	AC/DC24V	2.572A	24V10W	T16x35 15S	10				
	AC110V	0.477A	110V10W	T16x35 15S	12				
	AC220V	0.233A	220V10W	T16x35 15S	13				

### 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



### Signal/ Audible Line Current(per each layer)

Voltage	AC/DC12V	AC/DC24V	AC110V	AC220V
Signal line current	0.925A	0.514A	0.095A	0.046A
Audible line current	0.016A	0.031A	0.027A	0.030A

### Ordering Specification

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



Warning/  
Signal/  
Stackable



Signal &  
Electric Horn/  
Speakers



Vessels and  
Heavy-Duty  
Equipment



Explosion  
Proof



Warning  
Light Bar



Aviation  
Obstruction  
Lights



Signal Tower  
Lights



USB/ETN  
Signal Tower  
Lights



Electric Horn/  
Speakers



Industrial  
LED Lights

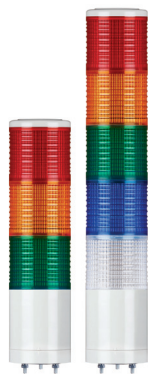
# ST80MB/ ST80B

Ø80mm Bulb Steady/Flashing Tower Lights

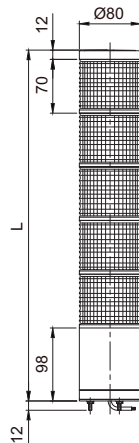


## Technical Diagram

(Units : mm)



ST80MB : AC/DC  
ST80MBF : AC/DC



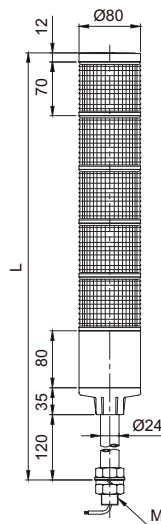
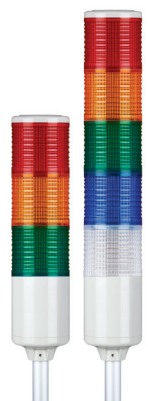
LAYER	L
1	180
2	250
3	320
4	390
5	460



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 standard : UL1015 AWG18(0.75sq)×2C 400mm
- Signal line standard : UL1007 AWG22(0.3sq) 400mm
- ※ Please refer to page 264 for detailed wiring instructions.



Warning/  
Signal/  
Stackable



Signal &  
Electric Horn/  
Speakers



Vessels and  
Heavy-Duty  
Equipment



Explosion  
Proof



Warning  
Light Bar



Aviation  
Obstruction  
Lights



Signal Tower  
Lights



USB/ETN  
Signal Tower  
Lights



Electric Horn/  
Speakers



Industrial  
LED Lights

# ST45B/ ST56B/ ST80B series

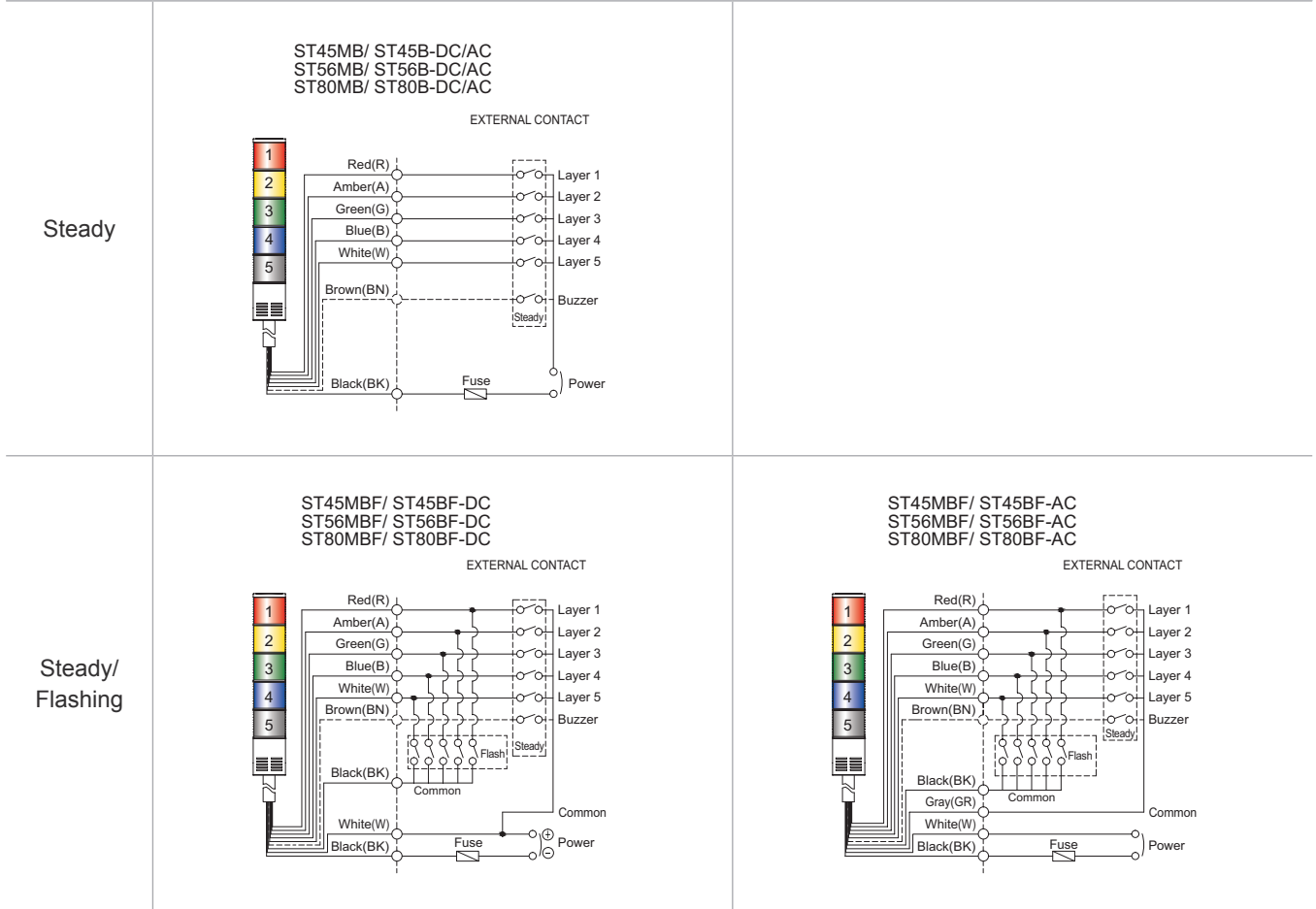
Bulb Steady/Flashing Tower Lights



## 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



- External power line standard : UL1015 AWG18(0.75sq)×2C 400mm
- Signal line standard : UL1007 AWG22(0.3sq) 400mm

