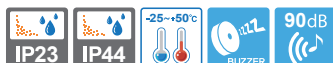


ST45MB

Ø45mm Bulb Steady/Flashing Tower Lights



ST45MB	Steady
ST45MB-BZ	Built-in Buzzer Steady
ST45MBF	Steady/Flashing
ST45MBF-BZ	Built-in Buzzer Steady/Flashing



ST45MB series

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



Common Specifications(ST45MB/ ST45B/ ST56MB/ ST56B/ ST80MB/ ST80B)

- Bulb steady/flashing tower lights
- A variety of length selections from 45mm, 56mm, and 80mm to fit your sophisticated application needs
- Can select from a variety of mount bracket for the pole mount type
- Adopted a light bulb with excellent durability and longevity
- Built-in buzzer available (Volume : Max 90dB at 1m)
- Flashing rate : 60-80 flashes/min
- Available in customized color arrangements
- Materials : Lens-AS, Housing-ABS, Pole-Al
- Ambient operating temperature : -25°C to +50°C
- Protection rating : Standard type-IP44, Built-in buzzer type-IP23
- Certificates : CE Compliant



ST45MB Ø45mm Direct Mount, Bulb Steady/Flashing

Model number	Layer	Voltage	Current	Bulb			Certificates	Weight	Color
				Spec	Standard	Parts no#			
ST45MB Steady ST45MB-BZ Steady /w built-in buzzer ST45MBF Steady/ Flashing ST45MBF-BZ Steady/ Flashing /w built-in buzzer	1	AC/DC12V	0.398A	12V5W	G14 9S	1	CE DC only	0.22kg	• R-Red
		AC/DC24V	0.212A	24V5W	G14 9S	2		0.22kg	
		AC110V	0.048A	110V5W	T16x28 9S	3		0.22kg	
		AC220V	0.023A	220V5W	T16x28 9S	4		0.22kg	
	2	AC/DC12V	0.797A	12V5W	G14 9S	1		0.26kg	• R-Red • G-Green
		AC/DC24V	0.424A	24V5W	G14 9S	2		0.26kg	
		AC110V	0.097A	110V5W	T16x28 9S	3		0.26kg	
		AC220V	0.046A	220V5W	T16x28 9S	4		0.26kg	
	3	AC/DC12V	1.196A	12V5W	G14 9S	1		0.31kg	• R-Red • A-Amber • G-Green
		AC/DC24V	0.636A	24V5W	G14 9S	2		0.31kg	
		AC110V	0.146A	110V5W	T16x28 9S	3		0.31kg	
		AC220V	0.070A	220V5W	T16x28 9S	4		0.31kg	
	4	AC/DC12V	1.595A	12V5W	G14 9S	1		0.37kg	• R-Red • A-Amber • G-Green • B-Blue
		AC/DC24V	0.848A	24V5W	G14 9S	2		0.37kg	
		AC110V	0.195A	110V5W	T16x28 9S	3		0.37kg	
		AC220V	0.093A	220V5W	T16x28 9S	4		0.37kg	
	5	AC/DC12V	1.994A	12V5W	G14 9S	1		0.42kg	• R-Red • A-Amber • G-Green • B-Blue • W-White
		AC/DC24V	1.061A	24V5W	G14 9S	2		0.42kg	
		AC110V	0.244A	110V5W	T16x28 9S	3		0.42kg	
		AC220V	0.116A	220V5W	T16x28 9S	4		0.42kg	

Signal/ Audible Line Voltage Settings and Current(per each layer)

Voltage	AC/DC12V	AC/DC24V	AC110V	AC220V
Signal line current	0.398A	0.212A	0.048A	0.023A
Audible line current	0.016A	0.031A	0.027A	0.030A



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



Wall Mount Bracket
TWS45



Wall Mount Bracket
TWA45



Ordering Specification

ST45MB	-	3	-	24	-	RAG
[Model number]		[Layer]		[Voltage]		[Color]
• ST45MB • ST45MB-BZ • ST45MBF • ST45MBF-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

ST45MB/ ST45B

Ø45mm Bulb Steady/Flashing Tower Lights

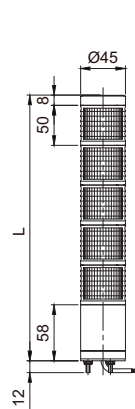


Technical Diagram

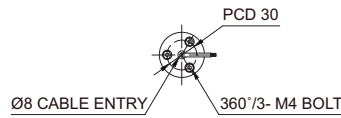
(Units : mm)



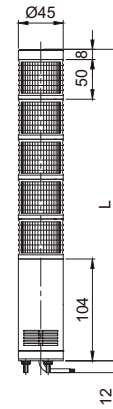
ST45MB : AC/DC
ST45MB-BZ : AC/DC
ST45MBF : AC/DC



LAYER	L
1	116
2	166
3	216
4	266
5	316



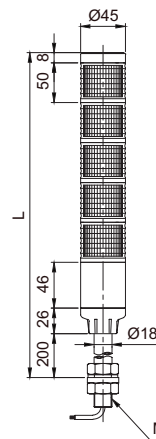
ST45MB-BZ : AC
ST45MBF : AC/DC
ST45MBF-BZ : AC/DC



LAYER	L
1	162
2	212
3	262
4	312
5	362

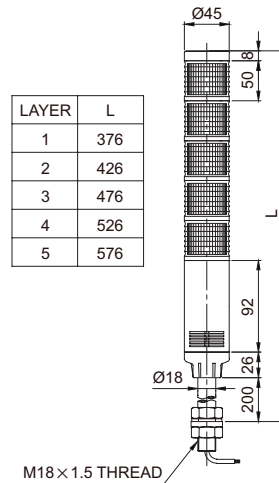


ST45B : AC/DC
ST45B-BZ : AC/DC
ST45BF : AC/DC



LAYER	L
1	330
2	380
3	430
4	480
5	530

ST45BF-BZ : AC/DC



LAYER	L
1	376
2	426
3	476
4	526
5	576



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



Industrial
LED Lights

ST45B/ ST56B/ ST80B series

Bulb Steady/Flashing Tower Lights



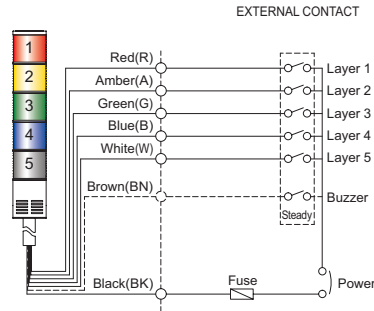
Wiring Instructions

- 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

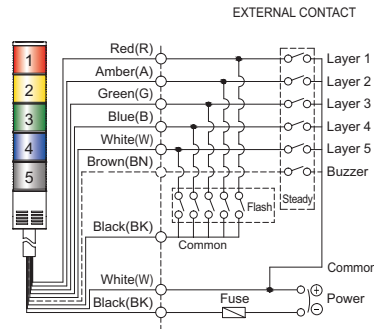
Steady

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

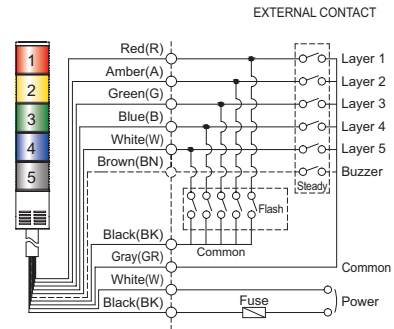


Steady/
Flashing

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



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



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

