

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) | 900mA | 520mA | 115mA | 50mA |
| Buzzer current | 40mA | 75mA | 110mA | 130mA |

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 |

Ø80mm Bulb Steady/Flashing Tower Lights

ST80B



ST80B Series

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



ST80B Ø80mm Pole mount, Bulb Steady/Flashing

| 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) | 900mA | 520mA | 115mA | 50mA |
| Buzzer current | 40mA | 75mA | 110mA | 130mA |

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

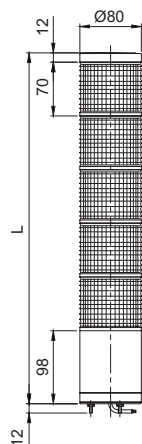
| ST80B | - | 3 | - | 24 | - | RAG | - | LW24 |
|----------------|---|------------|---|------------|---|-----------|---|-----------------|
| [Model number] | | [Layers] | | [Voltage] | | [Color] | | [Bracket] |
| ST80B | | 1-1 Layers | | 12-DC12V | | ● R-Red | | · None-Standard |
| ST80B-BZ | | 2-2 Layers | | 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



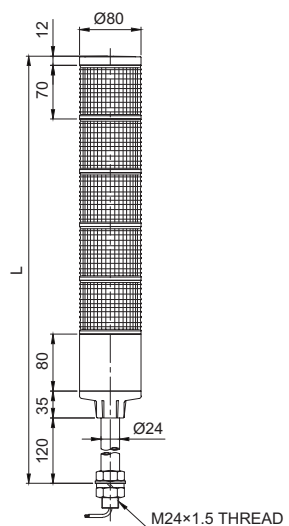
| LAYER | L |
|-------|-----|
| 1 | 180 |
| 2 | 250 |
| 3 | 320 |
| 4 | 390 |
| 5 | 460 |



·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

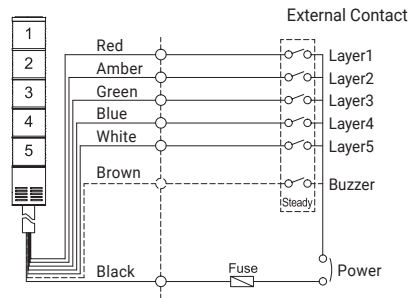
Wiring Instructions

- 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

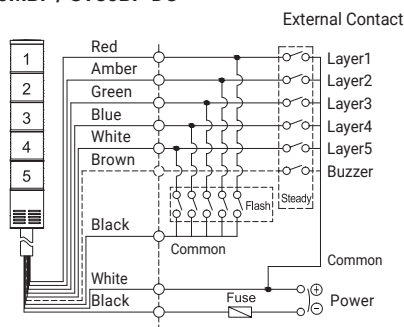
- ST45MB / ST45B-DC/AC
- ST56MB / ST56B-DC/AC
- ST80MB / ST80B-DC/AC

Steady

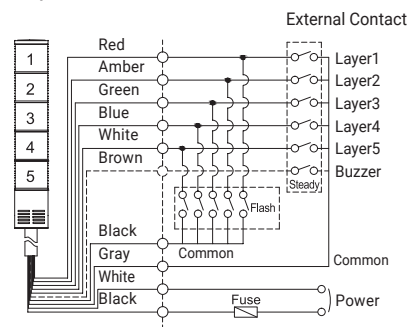


- ST45MBF / ST45BF-DC
- ST56MBF / ST56BF-DC
- ST80MBF / ST80BF-DC

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