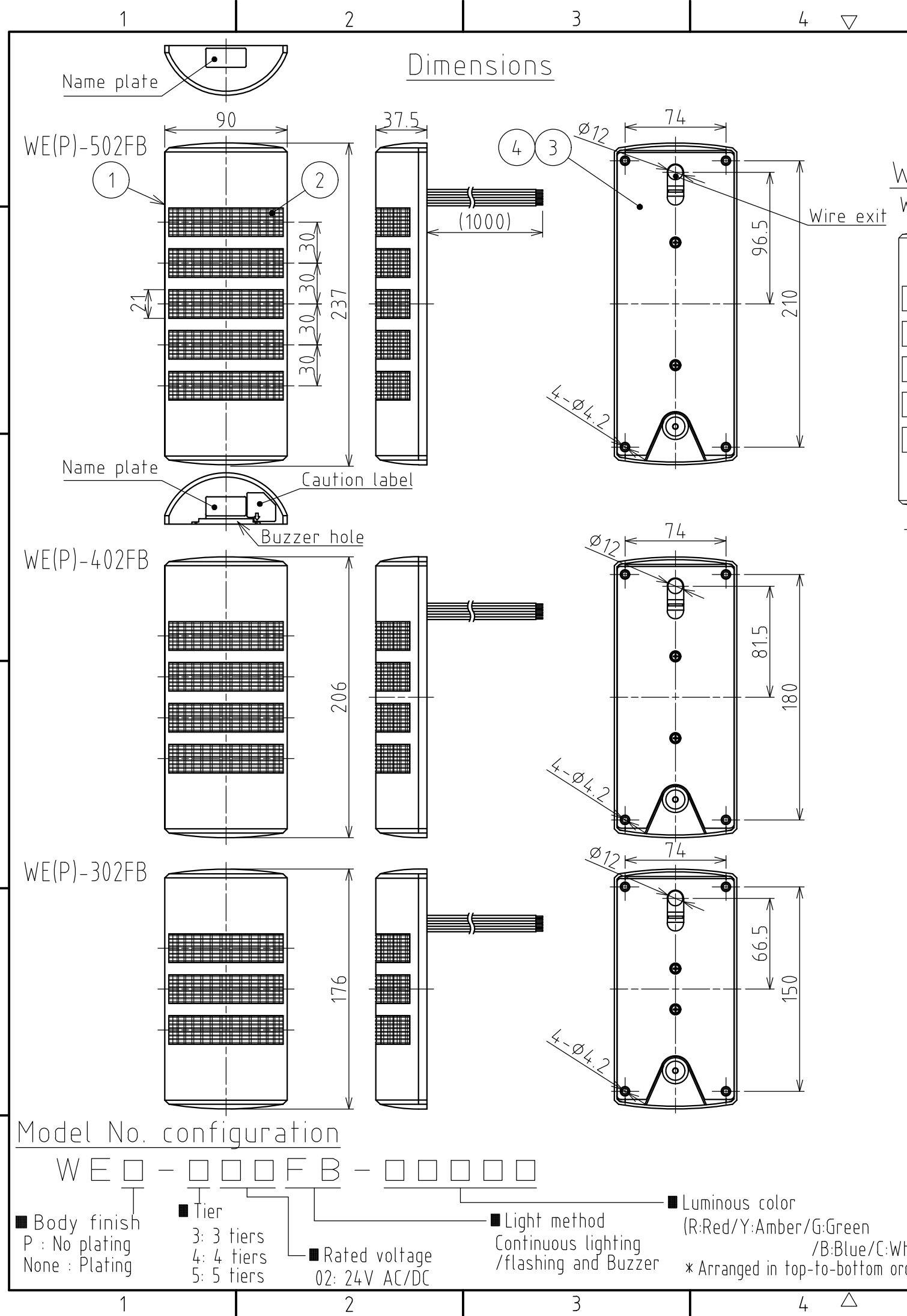


| |
|-------------------------|
| <h1>SPECIFICATIONS</h1> |
|-------------------------|

[General Specifications]

| | | | | | | |
|-------------------------------|-------------------------|---|-----------------|------------------|-----------------------------|-------------------------------------|
| Product Name | | LED SIGNAL LIGHT | | | | |
| Model | 5 Tiers | WE-502FB | | | WEP-502FB | |
| | 4 Tiers | WE-402FB | | | WEP-402FB | |
| | 3 Tiers | WE-302FB | | | WEP-302FB | |
| Surface of cover | | Chromium plating | | | Not plating (Light gray) | |
| Rated Voltage | | DC24V(No Polarity) / AC24V (50/60Hz) | | | | |
| Operating Voltage Range | | Rated Voltage $\pm 10\%$ | | | | |
| Rated Current Consumption | Typ. | Per tier | | | | Buzzer |
| | | Red | Amber | Green | Blue | White |
| | Max. | 24.0 mA | 27.0 mA | 14.3 mA | | 40.0 mA |
| | | 28.0 mA | 27.0 mA | 20.9 mA | | 50.0 mA (Inrush Current : 250mA) |
| Operating Ambient Temperature | | - 30°C ~ + 60°C | | | | |
| Operating Ambient Humidity | | Less than 90% (No condensation) | | | | |
| Mounting Location | | Indoor only | | | | |
| Mounting Direction | | Upright, Updown, Sideways | | | | |
| Protection Rating | | IP54 | | | | |
| Environmental Condition | | Upright | | | | |
| Vibration Resistance | | 19.6 m/s ² (30Hz) | | | | |
| Insulation Resistance | | More than 1M Ω at 500VDC between live part and non-current carrying metallic part | | | | |
| Withstand Voltage | | 500VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation | | | | |
| Luminous Intensity | | Red | Amber | Green | Blue | White |
| | | 600 mcd or more | 800 mcd or more | 6300 mcd or more | 2400 mcd or more | 6200 mcd or more |
| Mass (Tolerance $\pm 10\%$) | | 3 Tiers | | 4 Tiers | | 5 Tiers |
| | | 0.30 kg | | 0.33 kg | | 0.35 kg |
| Flashing Rate | | 60 \pm 12 flashes per minute | | | | |
| Buzzer | Sound Pressure Level | Max.: 90 \pm dB | | | | |
| | Environmental Condition | Buzzer Aperture Direction at 1m | | | | |
| | Tone | Buzzer1 : pipipi Buzzer2 : beep beep | | | | |
| Outer Dimensions | | Refer to the Outer Dimension Drawing | | | | |
| Conformity Standards | | UL508, CSA-C22.2 No.14 RoHS Directive (EN IEC 63000) | | | | |
| Remarks | | <ul style="list-style-type: none"> Conforms to the CE requirements Conforms to the UKCA Requirements UL Recognized Component (File No.E215660) | | | | |

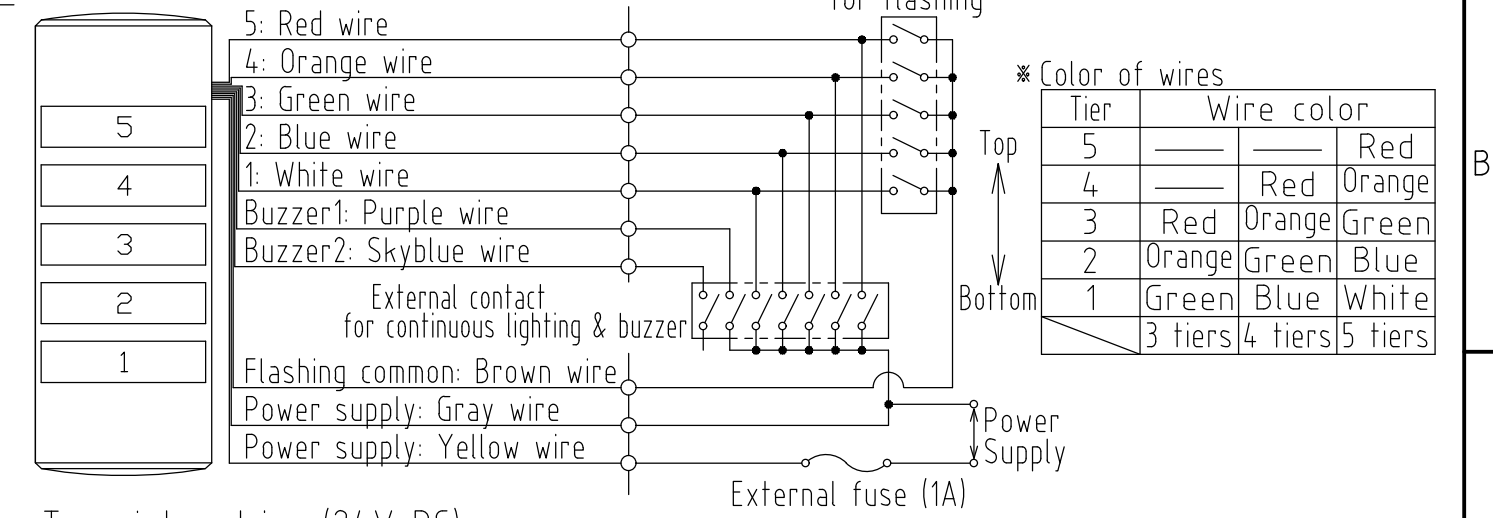


| | | | | | | | | |
|---------------------------|---|---|------|---|-----|-----|-----|------|
| 指定公差 General tolerance | 角度公差 \pm [°] Angular tolerance \pm [°] | | | 寸法公差 \pm [mm] Dimensional tolerance \pm [mm] | | | | |
| | 短辺長さ Length of short side | ~ | ~100 | 6 | 30 | 120 | 300 | 1000 |
| | 精 | f | 1 | 0.05 | 0.1 | 0.2 | 0.4 | 0.6 |
| | 粗 | v | 3 | 0.3 | 0.5 | 1 | 1.2 | 2 |

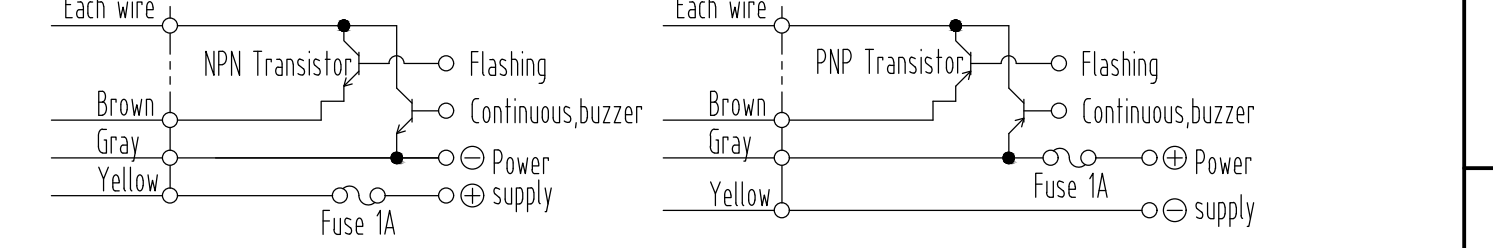
| | | |
|----------------|--------------|----------------|
| 図番 Drawing No. | WE-502FB-W18 | |
| 改訂 Rev. | 年月日 Date | 改訂履歴 Revisions |

Wiring

Wire type: UL1007/AWG22



Transistor drive (24V DC)



Note

1. Insulate ends of unused wires by tape or any other suitable thing.
2. Use "Class 2 circuit" for the power supply source.
3. Concerning fuse and fuse-holder, use the products authorized by UL Inc.
4. Use the fuse conforming to the rated current of the machine on which the product is installed. (Example: Class J type fuse)
5. Two independent common lines are required for continuous lighting and flashing for a Programmable Controller and etc.
6. Do not contact flashing common and continuous lighting common with one LED unit simultaneously. Otherwise unexpected LED units may turn on. To avoid this, continuous lighting and flashing must be switched alternately.
7. Buzzer 1 takes precedence of buzzer 2 when they are in operation simultaneously.

| | | | |
|--------|------------------|---------|---|
| 4 | Waterproof sheet | 1 | CR (Black) |
| 3 | Body | 1 | ABS (Light gray) |
| 2 | Lens | 1 | PC (Clear) |
| 1 | Cover | 1 | ABS (Light gray) Chromium plating(WE only) |
| 番号 No. | 部品名 Part Name | 数量 Qty. | 記事 Remarks |

| | | | | | |
|----------------|-------------|----------------|---|------------------|--------------------------|
| 機種 Model | WE(P)-□02FB | 特注 No. S.P.No. | - | 図名 Name | Outer Dimensions Drawing |
| 品目コード Part No. | - | 尺度 Scale | - | 三角法 3rd Angle P. | 単位 Unit mm |

Model No. configuration

