

Wall-Mounted LED Signal Tower

WEP/WE

Light-gray body

WEP model (Lighting)
WEP-FB model (Lighting / Flashing / Audible)

Chrome-plated body

WE model (Lighting)
WE-FB model (Lighting / Flashing / Audible)



Colors	Red, Amber, Green, Blue, White
Globe	Polycarbonate lens with high shock resistance and heat resistance

The WEP/WE Series features an ultra-slim, 37.5mm depth, half-moon profile, and 5 LED units for effective signaling without adding additional bulk to the hosting equipment.

- Clear, vertically cut lenses for wider light distribution
- Built-in audible alarm with up to 90dB (FB type)
- Can be installed vertically or horizontally
- Available in chrome plated (WE) or ivory white (WEP) body styles
- NPN/PNP compatible (24V DC ONLY)
- IP65 - dust and water resistant (IP54 for FB type)

- Standard Colors:
3-Tier model / Red-Amber-Green (-RYG), Red-Amber-Blue (-RYB), Red-Amber-White (-RYC)
4-Tier model / Red-Amber-Green-Blue (-RYGB), Red-Amber-Green-White (-RYGC)
5-Tier model / Red-Amber-Green-Blue-White (-RYGBC)

* This Uses clear globes; the globe is clear when the light is off.

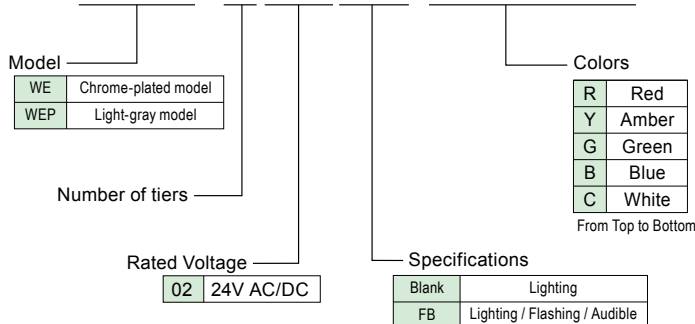
Specifications

Without buzzer					
	Model	Rated Voltage	Number of tiers	Power Consumption	Mass
Light-gray model	WEP-302	24V AC/DC	3	1.7W	0.26kg
	WEP-402		4	2.0W	0.31kg
	WEP-502		5	2.7W	0.31kg
Chromium-plated model	WE-302	24V AC/DC	3	1.7W	0.26kg
	WE-402		4	2.0W	0.31kg
	WE-502		5	2.7W	0.31kg

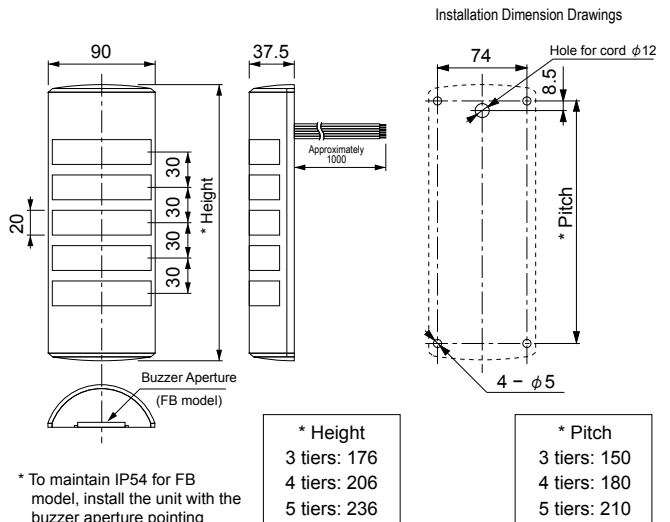
Flashing, with buzzer (Flashing frequency approximately 60/minute)					
	Model	Rated Voltage	Number of tiers	Power Consumption	Mass
Light-gray model	WEP-302FB	24V AC/DC	3	2.7W	0.30kg
	WEP-402FB		4	3.2W	0.35kg
	WEP-502FB		5	3.7W	0.35kg
Chromium-plated model	WE-302FB	24V AC/DC	3	2.7W	0.30kg
	WE-402FB		4	3.2W	0.35kg
	WE-502FB		5	3.7W	0.35kg

Model Code

WEP-502FB-RYGBC



Dimensions (mm)



* To maintain IP54 for FB model, install the unit with the buzzer aperture pointing down.

Nominal Cross-sectional Area; Wire Type:
Wire Length
0.3mm²: UL1007: 1000

Network

Signal Tower

Signal Light

Revolving Warning Light

Cube Tower

Audibles

Hybrid Signaling Devices

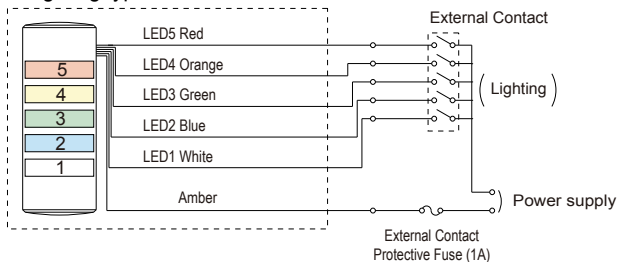
LED Illumination

Options

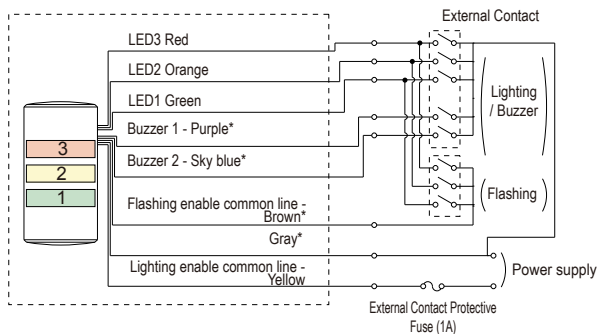
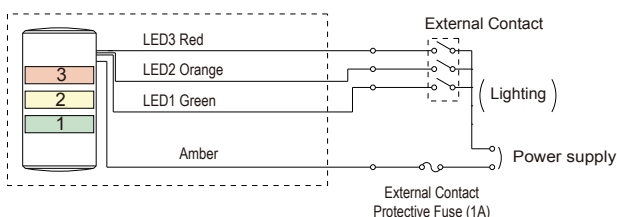
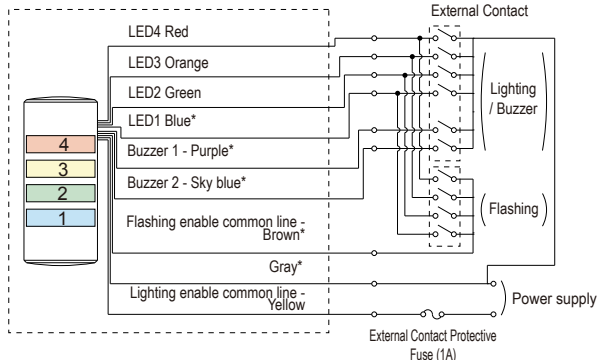
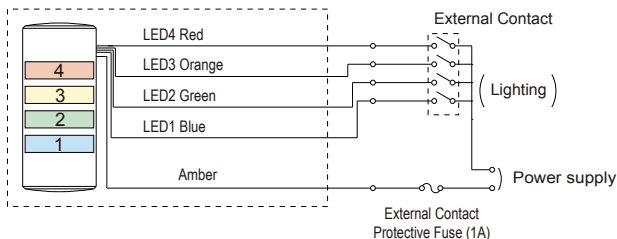
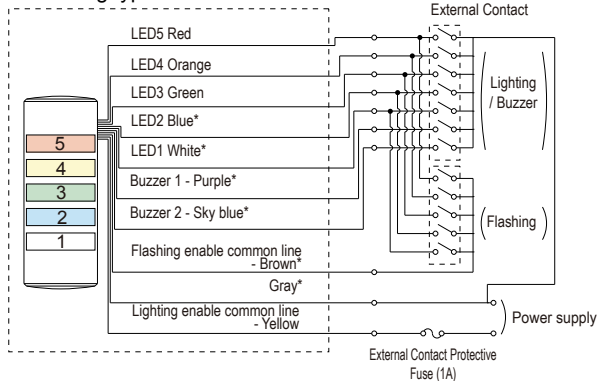
Wiring Diagram

[WEP-□□□(FB) model] / [WE-□□□(FB) model]

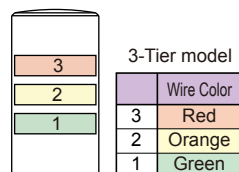
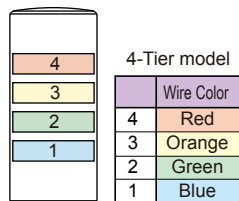
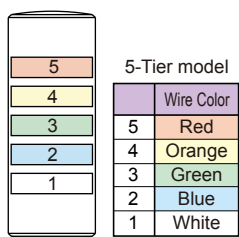
● Lighting type



● Flashing type



■ Signal Wire Color List



■ Audible

	Wire Color	Type of Sound
None	—	—
Audible 1	Purple - Signal Wire	Fast Intermittent
Audible 2	Sky blue - Signal Wire	Slow Intermittent

■ Signal Wire Voltage and Current per tier

Model	Voltage	Signal Wire Voltage	LED		Audible	
			Signal Wire Current	Inrush Current	Signal Wire Current	Inrush Current
WEP/WE	24V AC/DC	24V AC/DC	24.0mA	14.3mA	40mA	250mA

* Set aside ample capacity for the external contact, considering the Signal Wire Current and Inrush Current.

- For FB models, avoid simultaneous Lighting and Flashing inputs to a tier from an external contact as it may illuminate other tiers.
- Please note that the FB model requires 2 common signal lines on the PC output unit, for lighting and flashing.
- For safety, please make sure you have an external protective fuse in place.
- A malfunction may occur if you connect multiple units serially. Please control each unit with a separate contact.

* For non-FB mode, there is no sky blue, purple, gray, and brown lead lines.

Network

Signal Tower

Signal Light

Revolving Warming Light

Cube Tower

Audibles

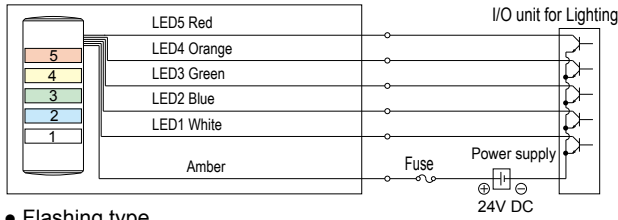
Hybrid Signaling Devices

LED Illumination

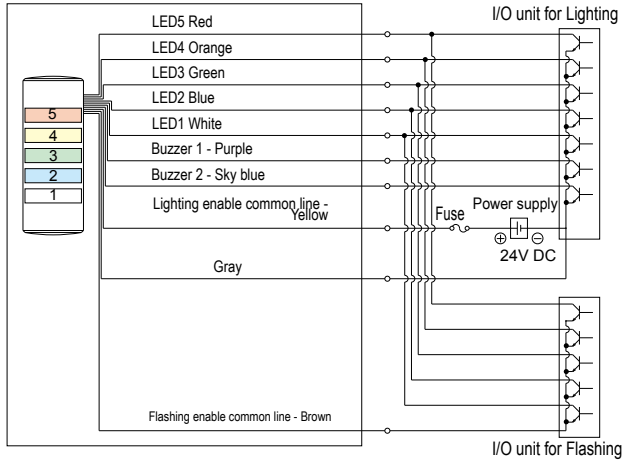
Options

NPN transistor

• Lighting type

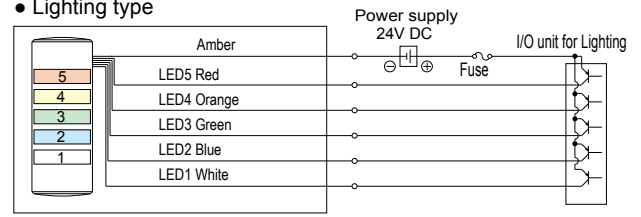


• Flashing type

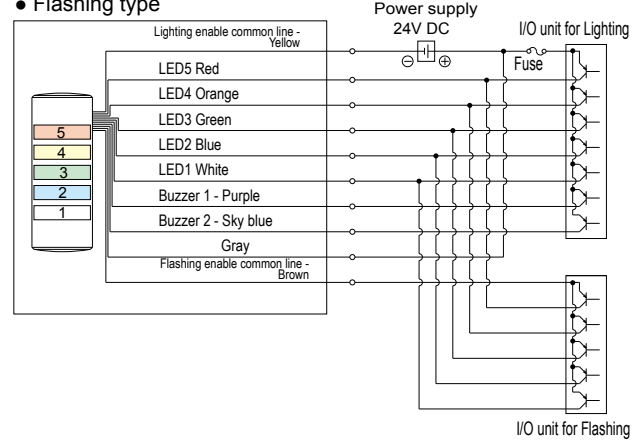


PNP transistor

• Lighting type



• Flashing type



Model	Transistor (NPN or PNP)	Withstand Voltage	$V_c \geq 35V$
Current Capacity	$I_c \geq 0.1A$, Buzzer 300mA or more	Leakage Current	$I_L \leq 1mA$

■ External contact protective fuse

Voltage	Rated Fuse Current
All Voltages	1A