

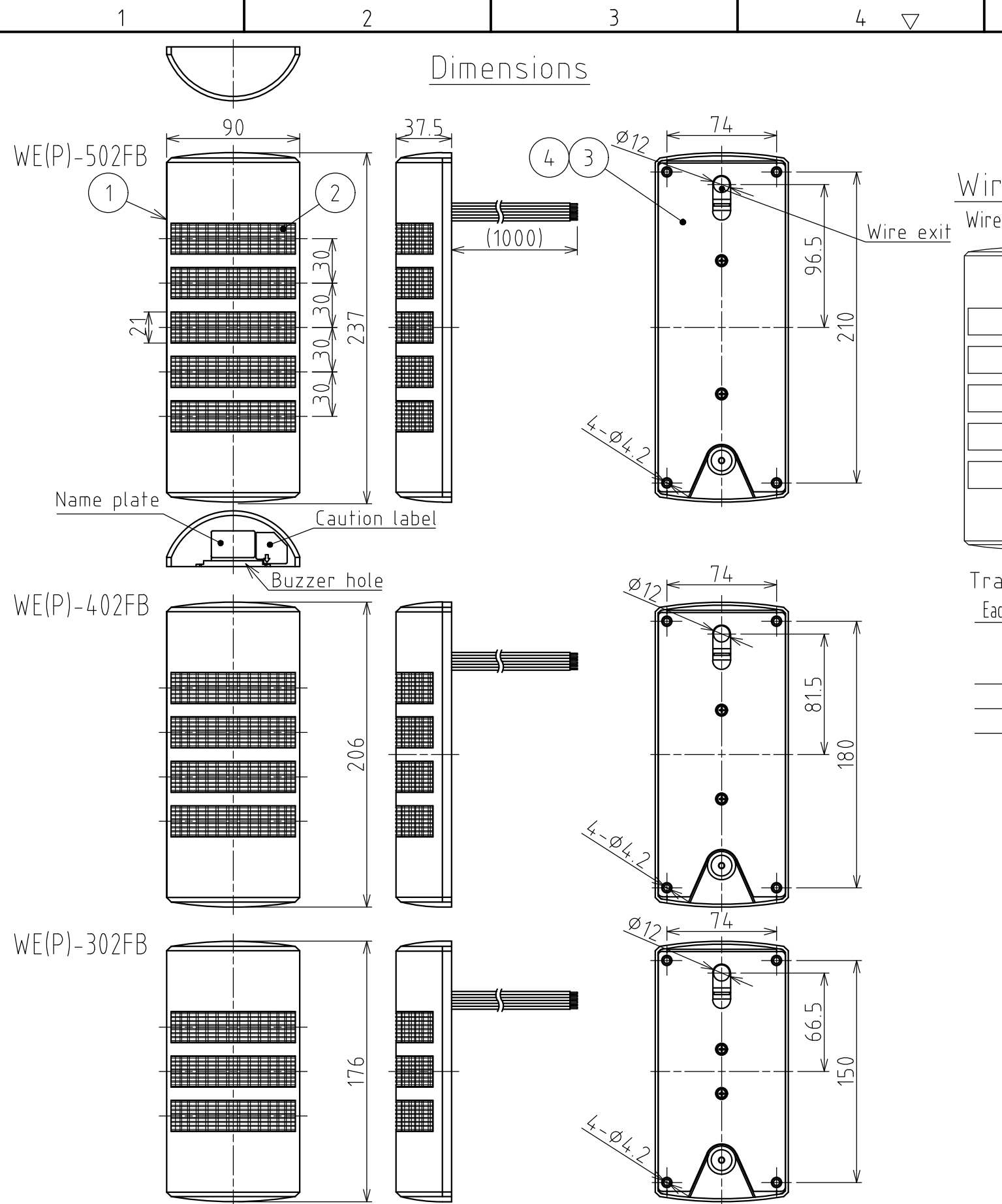
Drawing No.	Rev.	Page
WE-502FB-W18	B	1 / 2

SPECIFICATIONS

[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 ±10%				
Rated Current Consumption		Per tier				Buzzer
		Red	Amber	Green	Blue	
	Typ.	24.0 mA		14.3 mA		40.0 mA
Max.	28.0 mA	27.0 mA	20.9 mA		50.0 mA (Inrush Current : 250mA)	
Operating Ambient Temperature		- 30℃ ～ + 60℃				
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 1MΩ 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				
Buzzer	Sound Pressure Level	Max.: 90± dB				
	Environmental Condition	Buzzer Aperture Direction at 1m				
	Tone	Buzzer1 : pipipi Buzzer2 : beep beep				
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 ±10%)		3 Tiers		4 Tiers		5 Tiers
		0.30 kg		0.33 kg		0.35 kg
Flashing Rate		60±12 flashes per minute				
Outer Dimensions		Refer to the Outer Dimension Drawing				
Conformity Standards		UL508, CSA-C22.2 No.14 RoHS Directive (EN IEC 63000)				
Remarks		• Conforms to the CE requirements • UL Recognized Component (File No.E215660)				

A
B
C
D
E
F



Model No. configuration

WE □ - □ □ □ FB - □ □ □ □ □

■ Body finish
P : No plating
None : Plating

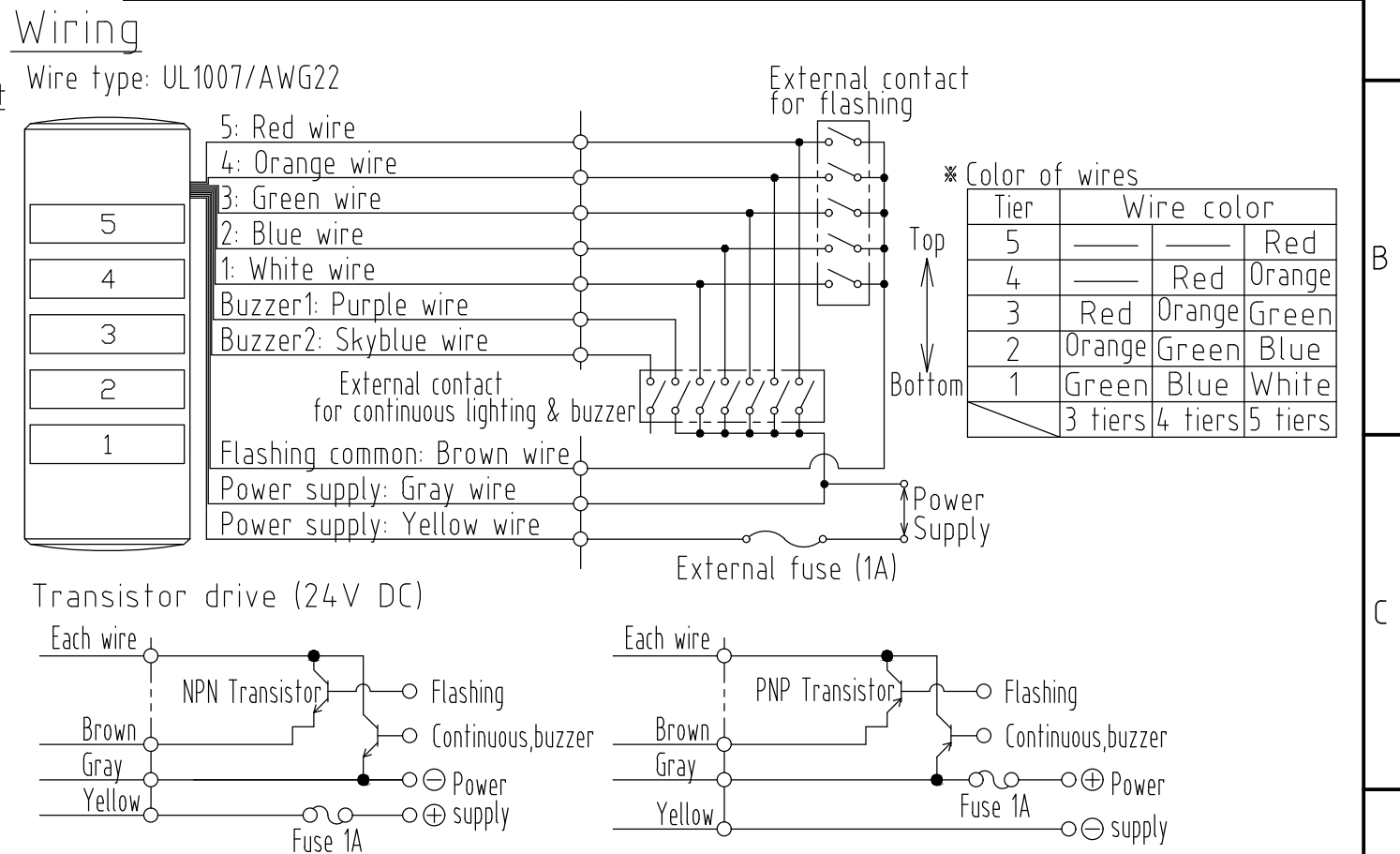
■ Tier
3: 3 tiers
4: 4 tiers
5: 5 tiers

■ Light method
Continuous lighting
/flashing and Buzzer

■ Rated voltage
02: 24V AC/DC

■ Luminous color
(R:Red/Y:Amber/G:Green
/B:Blue/C:White)
* Arranged in top-to-bottom order.

指定公差 Angular tolerance		指定公差 Dimensional tolerance		図番 Drawing No.		ページ Page	
±[°]		±[mm]		WE-502FB-W18		2 / 2	
短辺長 Length of short side		精 f		改訂 Rev.	年月日 Date	改訂履歴 Revisions	
10		0.05					
50		0.1					
100		0.2					
1		0.1					
0.5		0.3					
0.3		0.5					
0.1		0.7					
中 m		1					
粗 v		粗 c					
3		0.3					
1.5		0.5					
1		1					
0.5		1.2					
		2					



- 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		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	株式会社 PATLITE Corporation

A
B
C
D
E
F