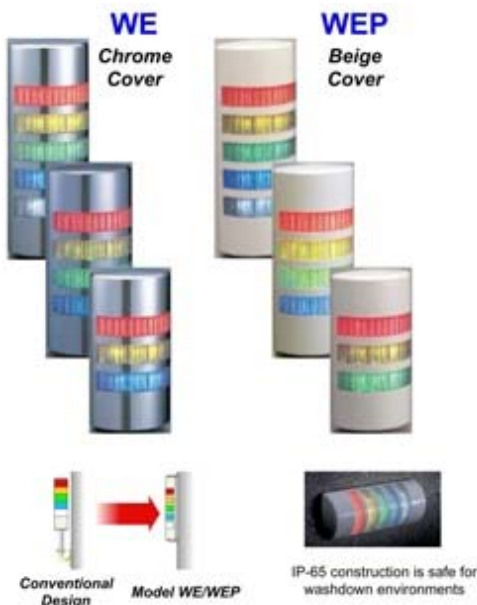


PATLITE

■ WE, WEP / 37.5mm Profile



The WE / WEP Series are Ultra-Slim Signal Lights that offer seamless integration with equipment.



SIZE:	37.5mm profile
INPUT VOLTAGE	AC/DC24V
OPTIONS:	
FUNCTIONS	- Continuous only
AVAILABLE:	- Continuous, Flashing, Alarms
MOUNTING OPTIONS:	Wall mount only: includes 4 mounting screws
BODY STYLE:	Pre-assembled, pre-wired, not interchangeable or stackable after purchase
TIERS:	3, 4 or 5 stack versions available
MODULE COLORS:	Red / Amber / Green / Blue / Clear
ALARMS (FB STYLE ONLY):	- Alarm 1: selectable, single-tone, intermittent (fast beep) alarm, 90dB (at 1m) - Alarm 2: selectable, single tone, intermittent (slow beep) alarm, 90dB (at 1m)
RATINGS:	- CE - UL Component Recognition (US) - UL Component Recognition (Canada) - RoHS
PROTECTION:	- IP-65 (non-FB style) - IP-54 (FB style)
CONTROL OPTIONS:	- Dry contact closure such as switches or relay contacts - Open-collector transistor (NPN or PNP for DC24V, NPN for AC90-250V) - Direct voltage control for DC24V, continuous and alarm functions only

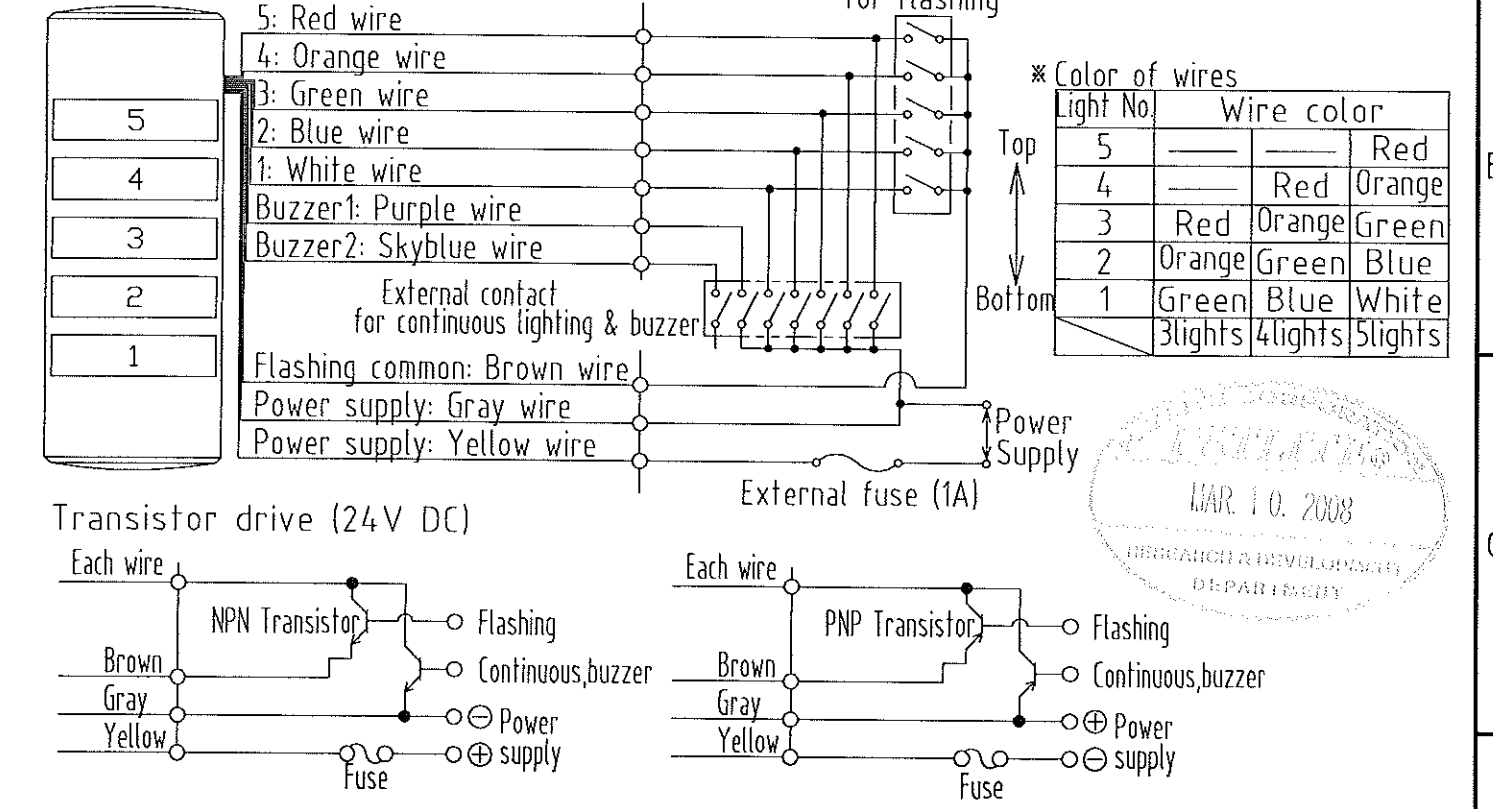
PART NUMBER GUIDE

W E P - 5 0 2 F B - R Y G B C											
1. Series			6. LED Colors								
WE, 37.5mm profile			R : Red								
2. Cover Color			Y : Yellow								
None : Chrome			G : Green								
P : Beige			B : Blue								
3. No. of Colors			C : Clear								
3 to 5			5 Options								
4. Rated Voltage			Blank : Continuous only								
02 : AC/DC24V			FB : Continuous / Flashing / Alarms								

指定公差		角度公差		寸法公差		符号	年月日	訂正履歴	記印	検印	承認
General tolerance		Angular tolerance ± [°]		Dimensional tolerance ± [mm]		Sym.	Date	Revisions	Sgn.	Chk.	App.
指定公差	短辺長	~	~	~	~	△					
	10	50	100	~	精	f	0.05	0.1	0.2	0.4	0.6
	精	f	1	0.5	0.3	0.1	中	m	0.1	0.3	0.5
	粗	c	3	1.5	1	0.5	粗	c	0.3	0.5	1
						△					

Wiring

Wire type: UL1007/AWG22

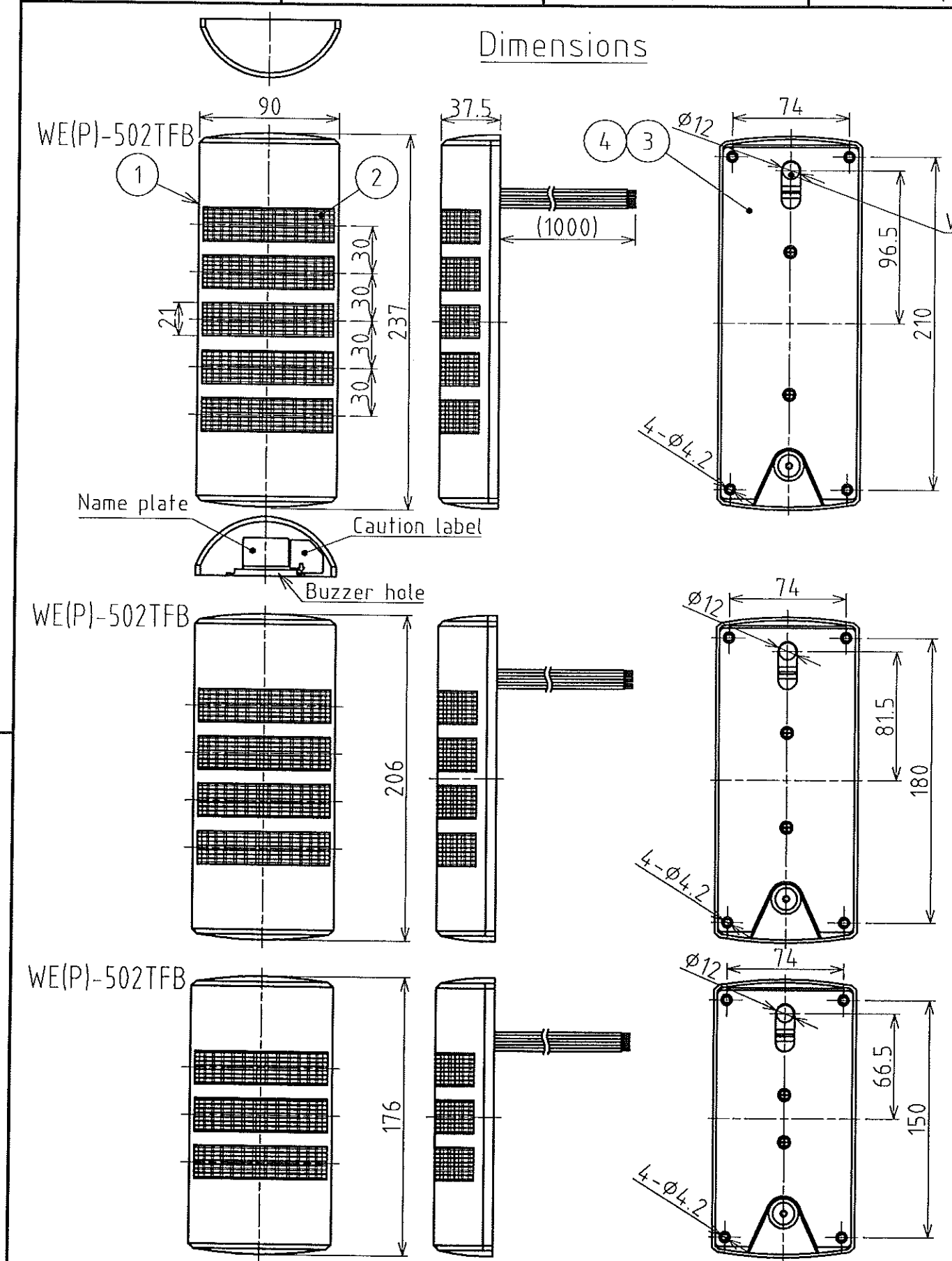


Note

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	品目コード Part No.	数量 Qty.	材料 & 寸法 & 処理 Material & Size & Finish	記事 Remarks
設計 Dgn.by	製図 Drn.by	検図 Chk.by	承認 App.by	図名 Name	機種名 Model
A.Ikeda	Y.Nagayama				WE(P)-□02FB
13.Dec.'99	5.Mar.'08				品目コード Part No.
					-
三角法 3rd Angle P.	単位 Unit mm	尺度 Scale -	株式会社 パトライト PATLITE Corporation	図番 Drawing No.	WE-502FB-A18A-2/2

Dimensions



Model No. configuration

WE□-□□□FB-□□□□□

■ Body finish
P : No plating
None : Plating

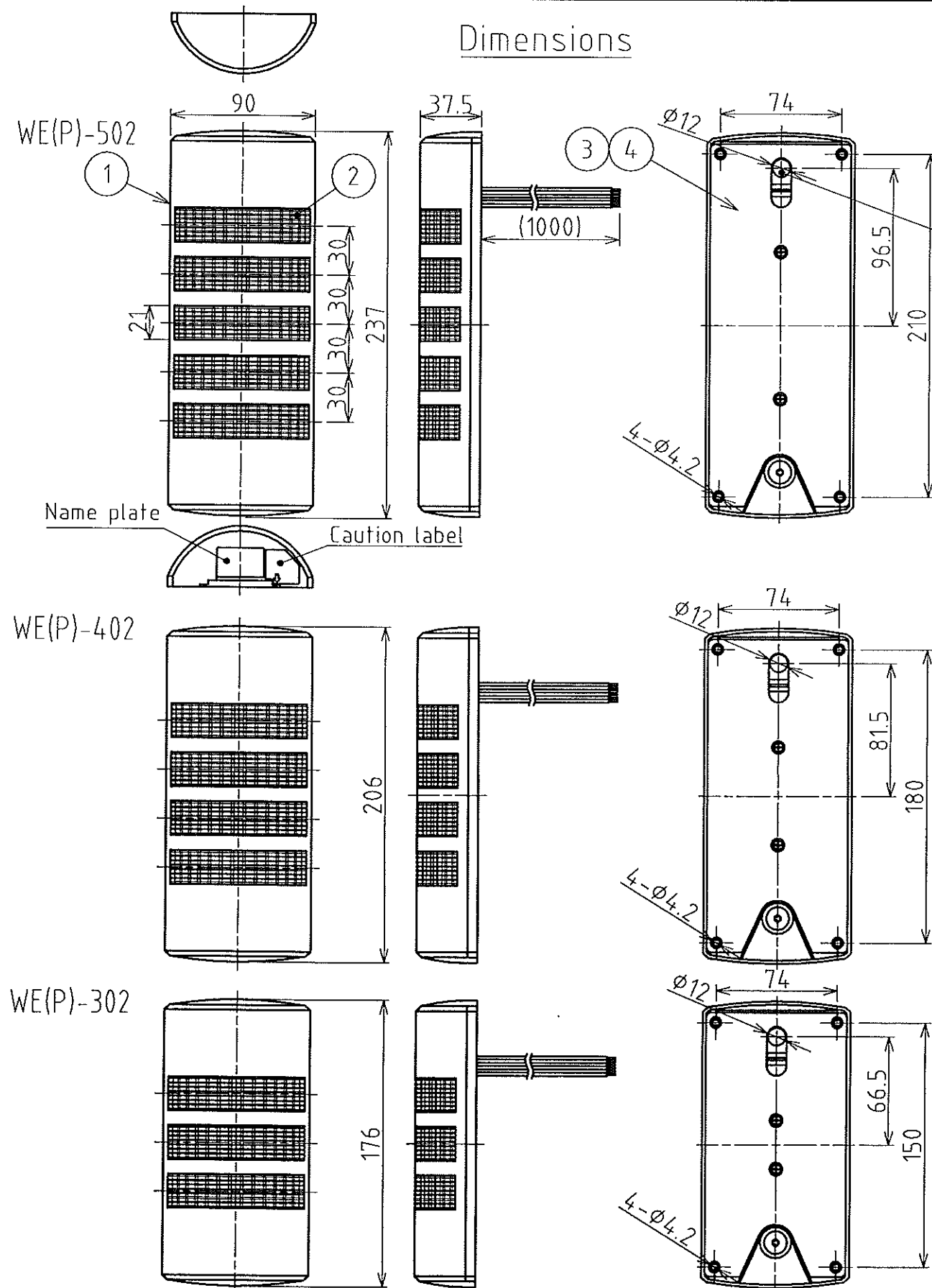
■ Light style
3: 3 lights
4: 4 lights
5: 5 lights

■ Rated voltage
02: 24V AC/DC

■ Light method
Continuous lighting
or flashing and Buzzer

■ LED unit color
(R:Red/Y:Amber/G:Green
/B:Blue/C:White)

* Arranged in top-to-bottom order.



Model No. configuration

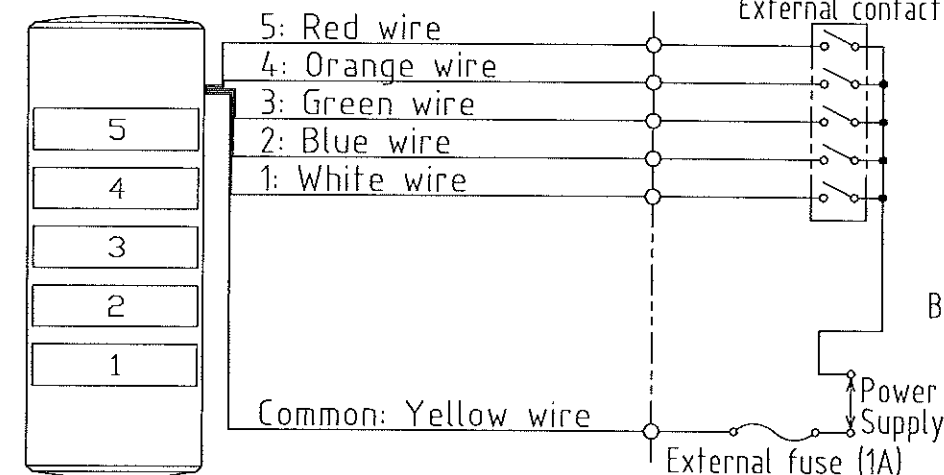
WE □ - □ □ □ - □ □ □ □ □

- Body finish
P : No plating
None : Plating
- Light style
3: 3 lights
4: 4 lights
5: 5 lights
- Rated voltage
02: 24V AC/DC
- LED unit color
(R:Red/Y:Amber/G:Green
/B:Blue/C:White)
* Arranged in top-to-bottom order.

指定 外公差	General tolerance	角度公差 ± [°]		寸法公差 ± [mm]							符号	年 月 日	訂 正 履 歴			記印	検印	承認	
		Angular tolerance		Dimensional tolerance							Sym.	Date	Revisions			Sgn.	Chk.	App.	
		短辺 長さ	~	~	~	100	精 f	6	30	120	300	1000	△						
		10	50	100	~	0.05		0.1	0.2	0.4	0.6	△							
		1	0.5	0.3	0.1	中 m		0.1	0.3	0.5	0.7	1	△						
粗 c	3	1.5	1	0.5	粗 c	0.3		0.5	1	1.2	2	△							

Wiring

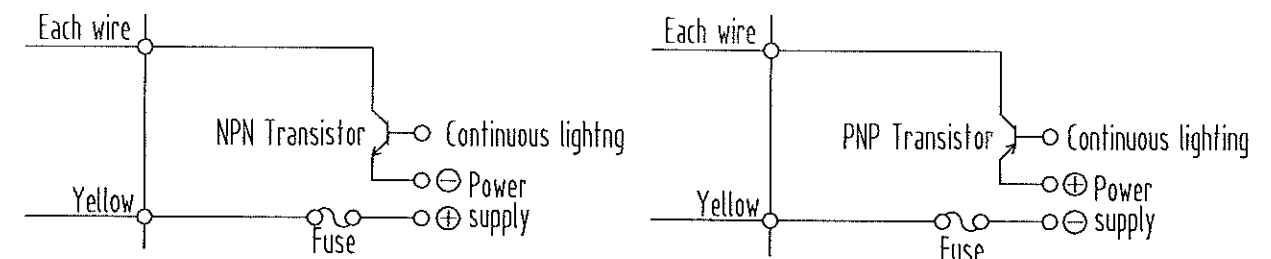
Wire type: UL1007/AWG22



* Color of wires

Light No.	Wire color		
5	Red	Orange	Green
4	Red	Orange	Green
3	Red	Orange	Green
2	Orange	Green	Blue
1	Green	Blue	White
	3lights	4lights	5lights

Transistor drive (24V DC)



Note

1. Insulate ends of unused wires by tape or any other suitable thing.
2. Use "Class 2 circuit" for 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)

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	品目コード Part No.	数量 Qty.	材料 & 寸法 & 処理 Material & Size & Finish	記事 Remarks
設計 Dgn.by	製造 Drn.by	検印 Chk.by	承認 App.by	図名 Name	規格名 Model
A.Ikeda	Y.Nagayama			Specifications	WE(P)-□ 02
13.Dec.'99	5.Mar.'08			Dimensions	品目コード Part No.
三角法 3rd Angle P.	単位 Unit mm	尺度 Scale		株式会社 パトライト PATLITE Corporation	図番 Drawing No. WE-502-A18A-2/2

SPECIFICATIONS

Model	5 lights	WE-502FB				WEP-502FB	
	4 lights	WE-402FB				WEP-402FB	
	3 lights	WE-302FB				WEP-302FB	
Surface of cover		Chromium plating				Not plating (Light gray)	
Rated voltage		24V AC/DC (50/60Hz)					
Operating voltage		Rated voltage $\pm$ 10%					
Current consumption	Typ.	Per light					Buzzer
		Red	Amber	Green	Blue	White	
		24 mA		17 mA			
	Max.	28 mA	27 mA	23 mA			50 mA (Rush current : 250mA)
Operating temperature range (Relative humidity)		- 30°C ~ + 60°C (Less than 90%)					
Mounting place		Indoor only					
Mounting direction		Upright, Updown, Sideways					
Protection rating		IP54 (Mounting direction : Upright)					
Vibration proof		19.6 m/s ² (30Hz)					
Insulation resistance		To be measured by an insulation measuring device of 500VDC between the terminals and the chassis. More than 1M Ω					
Withstand voltage		500VAC being applied between the terminals and the chassis for 1 minute. Not braking insulation					
Flashing cycle		60 $\pm$ 12 flashes per minute					
Buzzer	Sound level	90dB (at 1m)					
	Tone	Buzzer1 : pipipi Buzzer2 : beep beep					
Luminous intensity	Red	Amber		Green	Blue	White	
	600 mcd or more	800 mcd or more		2000 mcd or more	600 mcd or more	1800 mcd or more	
Mass	3 lights		4 lights		5 lights		
	0.30 kg		0.33 kg		0.35 kg		
No. WE-502FB-A18A-1/2							
● This product confirms to the CE requirements and CE Marking is indicated. ● Recognized as UL standard. (Standard No.UL508, File No. E215660) ● This product complies with the RoHS Directive(DIRECTIVE 2002/95/EC) MAR 10 2008 RESEARCH & DEVELOPMENT DEPARTMENT							
PATLITE Corporation				App.by	Chk.by	Drn.by	
				6 Mar. '08		5 Mar. '08	

