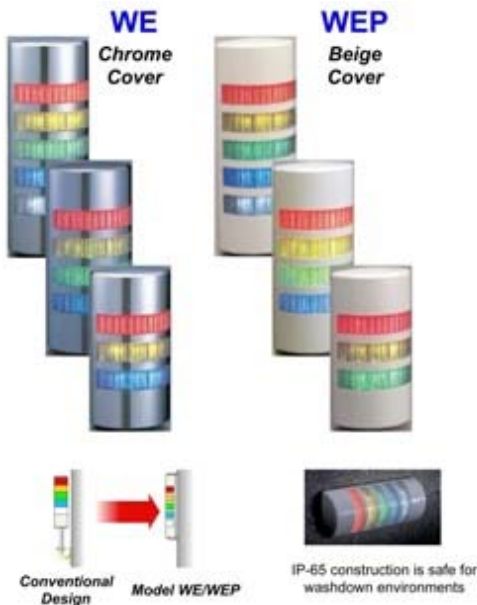


PATLITE

■ WE, WEP / 37.5mm Profile



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

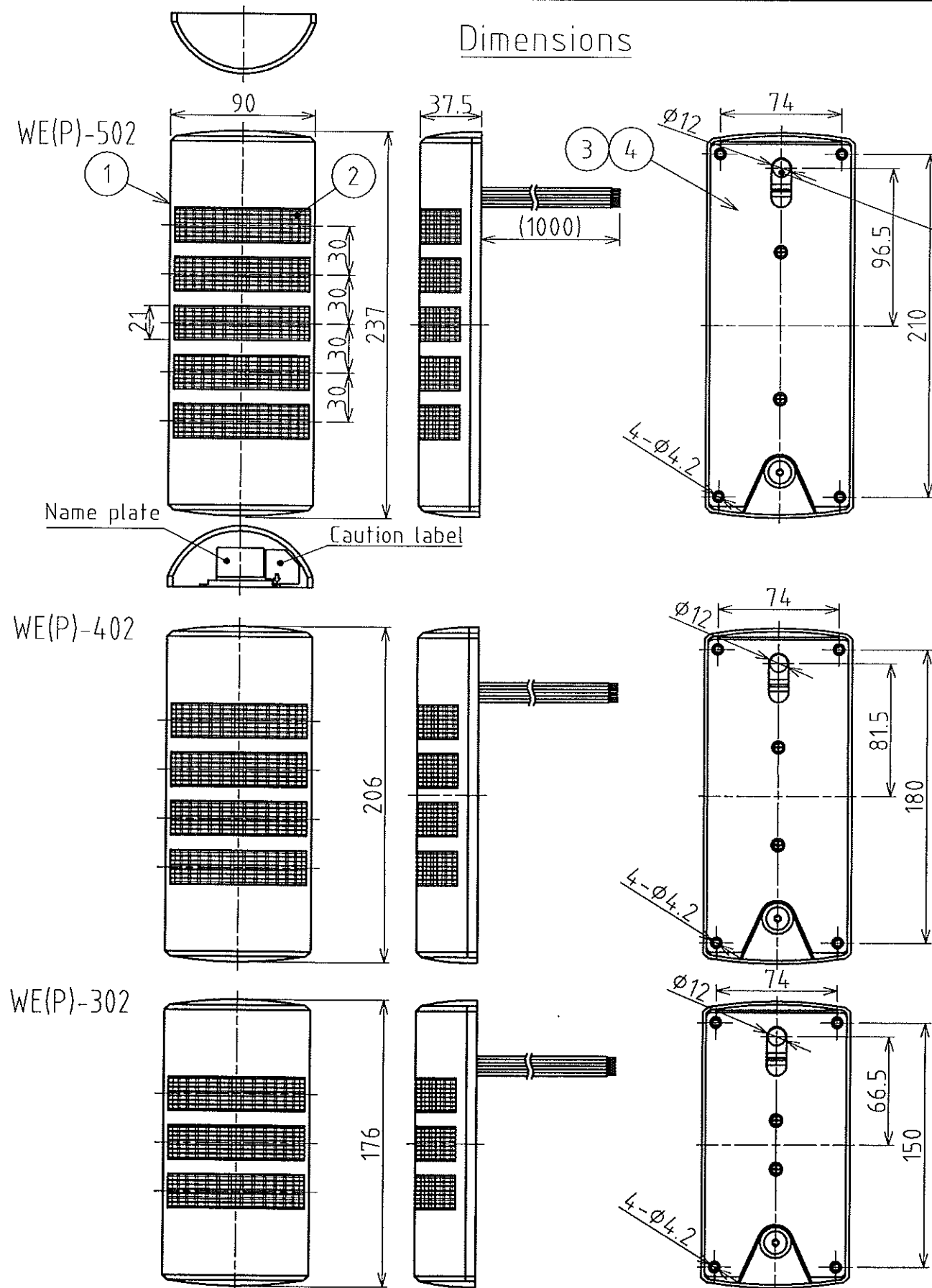


SIZE:	37.5mm profile
INPUT VOLTAGE	AC/DC24V
OPTIONS:	
FUNCTIONS	- Continuous only
AVAILABLE:	- Continuous, Flashing, Alarms
MOUNTING OPTIONS:	Wall mount only: includes 4 mounting screws
BODY STYLE:	Pre-assembled, pre-wired, not interchangeable or stackable after purchase
TIERS:	3, 4 or 5 stack versions 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								

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Model No. configuration

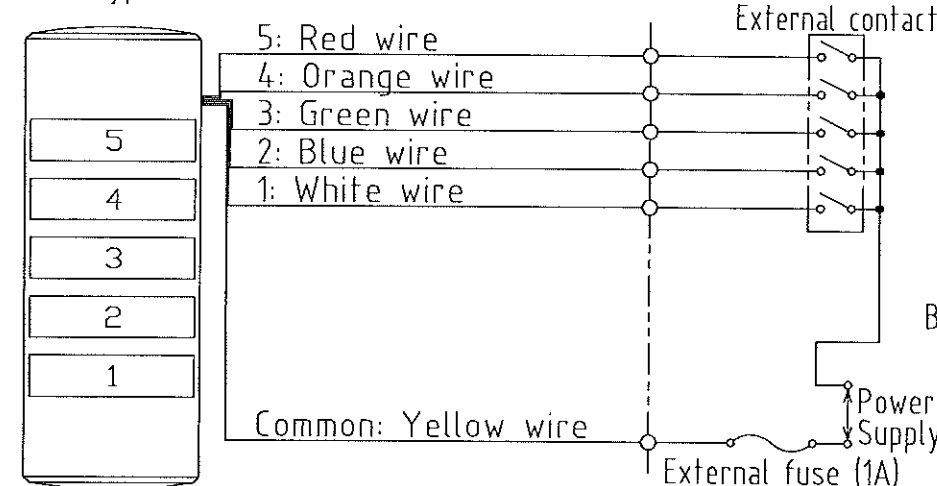
WE □ - □ □ □ - □ □ □ □ □ □

- 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		Sym.	Date	Revisions	Sgn.	Chk.	App.
短辺長	10	10	10	6	30	120	300	1000			
寸法	10	10	10	6	30	120	300	1000			
寸法	10	10	10	6	30	120	300	1000			
寸法	10	10	10	6	30	120	300	1000			
寸法	10	10	10	6	30	120	300	1000			
寸法	10	10	10	6	30	120	300	1000			
寸法	10	10	10	6	30	120	300	1000			
寸法	10	10	10	6	30	120	300	1000			
寸法	10	10	10	6	30	120	300	1000			

Wiring

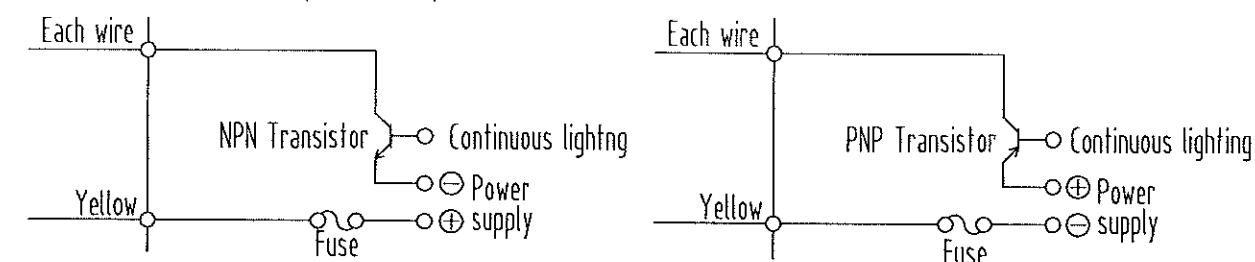
Wire type: UL1007/AWG22



* Color of wires

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

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		Per light					Buzzer
		Red	Amber	Green	Blue	White	
	Typ.	24 mA		17 mA			40 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	

