

# Led & Led



**TP 300 Traffic Signal Light**

**USER'S MANUAL**

**LED & LED**



Website: [www.ledandled.se](http://www.ledandled.se)  
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**Key Features:**

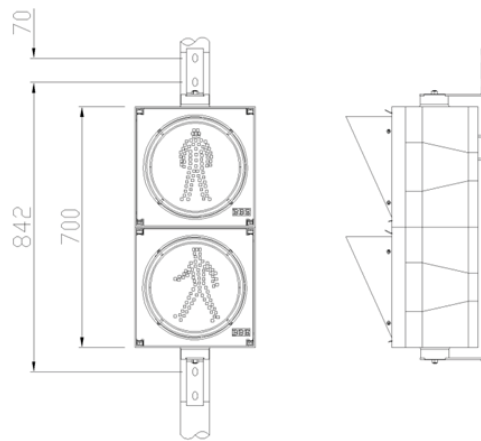
- 1) Retrofit design & UV stabilized shell.
- 2) Wide viewing angle.
- 3) Even brightness & standard chromatogram.
- 4) Less than 1% light loss with single LED failure.
- 5) Up to 10 times longer lifetime than Incandescent.
- 6) Compatible with most of traffic housing and controllers.
- 7) 3-year warranty.

Emission Color	LED Quantity	Luminous (cd)	Visual Angle		Power consumption	Operating Temp	Working Voltage
			L/R	Down			
Red ball	168	800	60	20	≤11	-40~+50	100-240VAC 50/60Hz
Yellow ball	168	800	60	20	≤11		
Green ball	168	800	60	20	≤10.5		
Red arrow	65	≥4000/m <sup>2</sup>	60	20	≤8.5		
Yellow arrow	65	≥4000/m <sup>2</sup>	60	20	≤8.5		
Green arrow	65	≥4000/m <sup>2</sup>	60	20	≤8		
Red man	80	4000/m <sup>2</sup>	60	20	9.5		
Green man	78	4000/m <sup>2</sup>	60	20	9		



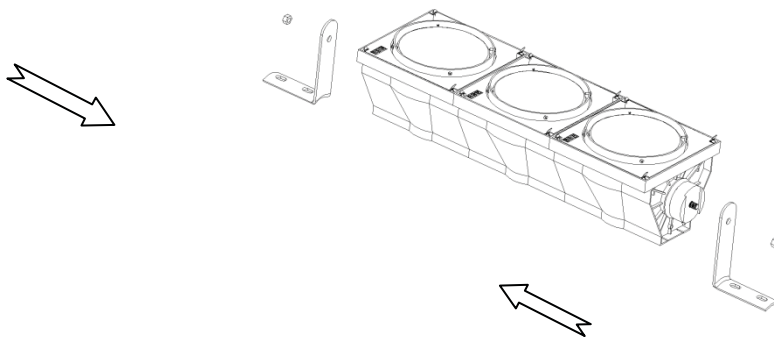
**Vertical view**

**Back view**



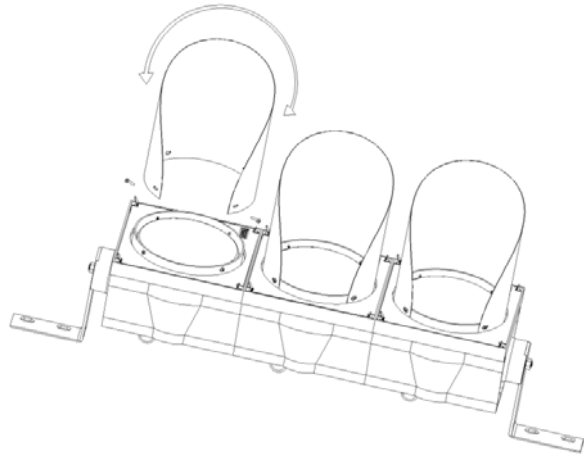
**Front view of pedestrian lights**

**Side view of pedestrian lights**

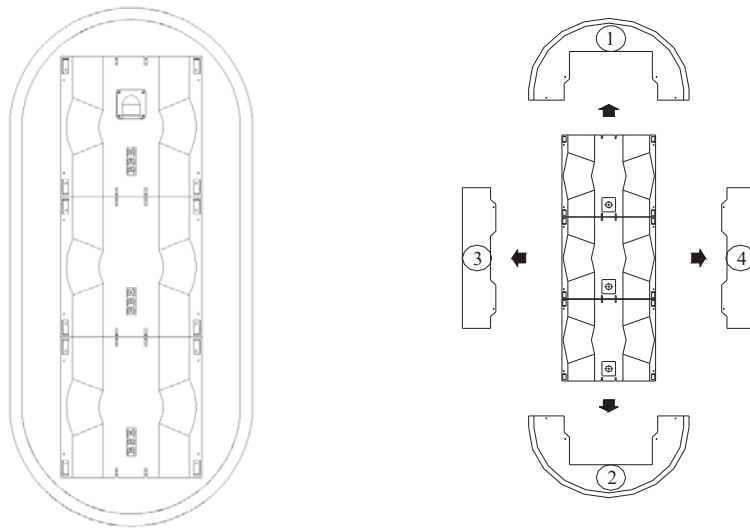


1. Connect the L-shape brackets to the PC modules.
2. Fasten them with screws.

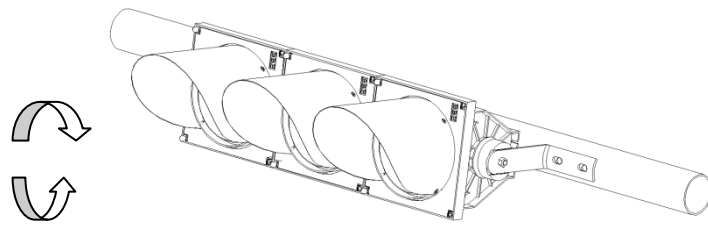




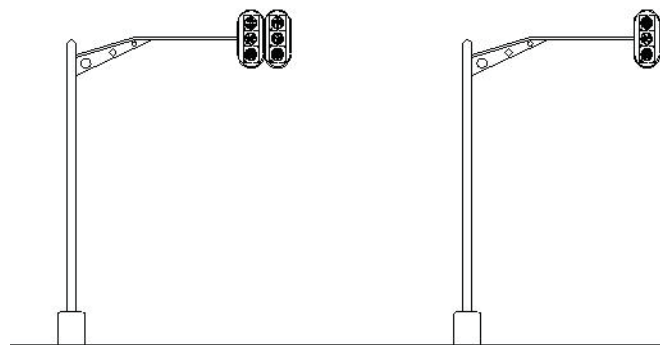
1. Curve the sun visor and insert it in the slot.
2. Fasten them with screws.



Connect the background panel to the light fixture and fasten them with screws. (Finished as the drawing on the right)

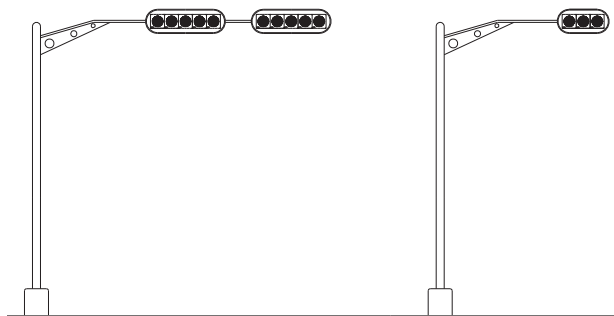


Connect the complete set to the lamp pole via mounting bracket and adjust the angle by the PC modules.

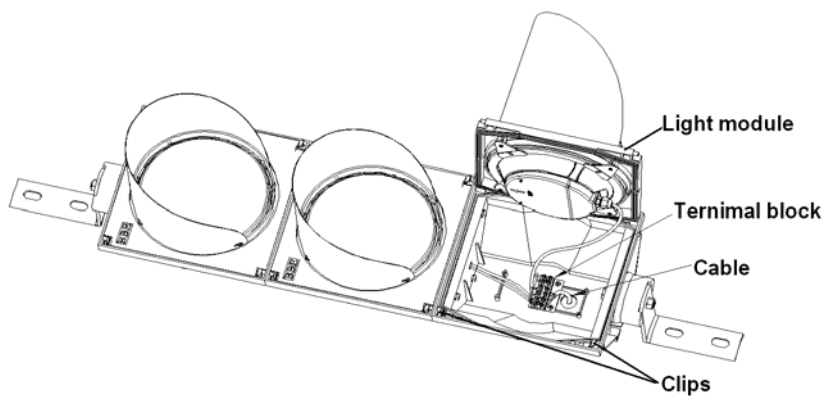


Vertical installation mode





Horizontal installation mode



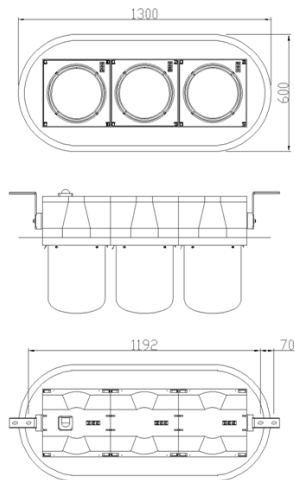
Apply the rubber wire (spec:  $2 \times 1.0 \text{ mm}^2$  VDE 60245IEC57) for out wiring via the hole beside the connection terminal.

Wiring procedure:

- 1) Open the module by pushing the metal clips and find the connection terminal.
- 2) Connect the outer wires to the terminals as follows.



<b>Unit Packing:</b>	<b>1pc/carton</b>
Outside Size(V3RYG):	1240*420*270mm
Outside Size(A3RYG):	1240*420*270mm
Outside Size(P3RG):	900*420*280mm
N.W./G.W.(V3RYG):	10.2/12kg
N.W./G.W.(A3RYG):	10.0/12kg
N.W./G.W.(P3RG):	6.8/8.5kg
Volume(m <sup>3</sup> ) (V3RYG):	0.14
Volume(m <sup>3</sup> ) (A3RYG):	0.14
Volume(m <sup>3</sup> ) (P3RG):	0.105
Wrapper:	Carton, foam
IP Rating	IP55
Working Humidity	10%~90%RH



## Vehicle Signal Packing List

1. User's Manual
2. Installation supports
3. Vehicle flaps
4. Decoration panel: 1 set (two rectangular pieces, two semi circular pieces)
5. Standard pieces for installing the panels:
  - (1) Tap screws  $\text{Ø}4 \times 10$ , 11 (only 8 are needed)
  - (2) Screws, M4 $\times$ 8, 6 (only 4 are needed)
  - (3) Nuts, M4, 6 (only 4 are needed)
6. Standard pieces for installing the flaps:

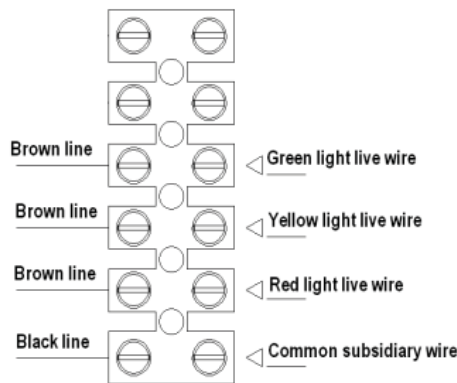
Self-tapping screws  $\text{Ø}4 \times 10$ , 14 (only 12 are needed)

## Pedestrian Signal Packing List

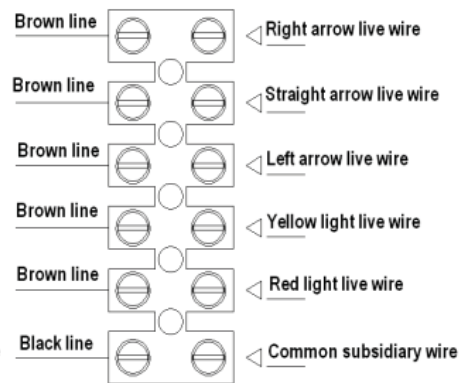
1. User's Manual
2. Installation supports
3. Pedestrian signal flaps
4. Standard accessories for installing the panels:

Self-tapping screws  $\text{Ø}4 \times 10$ , 10 (only 8 are needed)

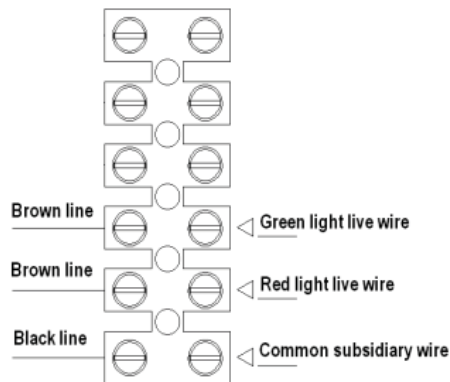
*Maintenance: according to the quality of traffic light source and application environment, please clean the light fixtures at least once every year.*



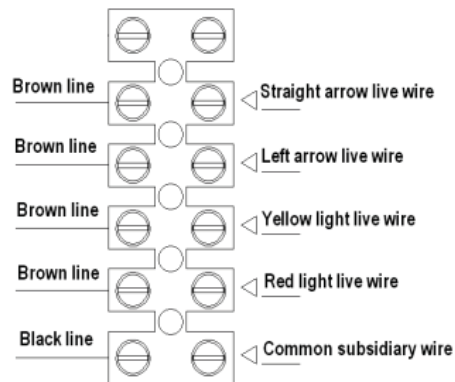
Three light terminal block map



Five light terminal block map



Two light terminal block map



Four light terminal block map

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