

CC-Link Supported

LHE-C3 / LE-C3 / WEP-C3

CC-Link

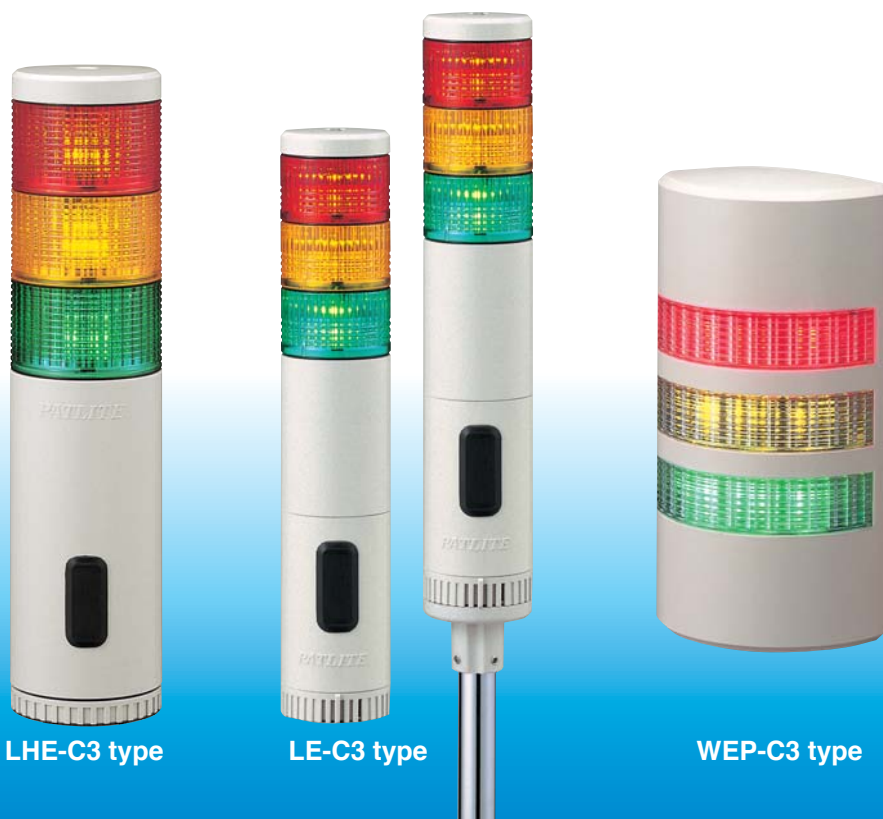
LED



90dB/m
(LE type: 85dB/m)

Electronic Sound 2
(WEP type: 1 sound)

IP23



LHE-C3 type

LE-C3 type

WEP-C3 type

CC-Link supported Signal Tower for Open-field Network

- Single Cable: Regulates electrical power and control signals.
- Easy Connection: Direct connection to a linked CC-Link interface with CC-Link cable, without I/O terminals, up to 64 units.
- Required Device: CC-Link-type controller (i.e. CC-Link master).
- Data Storage: Addresses set by dip switch.
- Light Pattern: Continuous only, no flashing.
- B type: Built-in alarm; LHE: 90dB/m (adjustable), LE: 85dB/m (adjustable), WEP: 90dB/m.
- Sound Pattern: Intermittent tone, Alarm 1: short beep, Alarm 2: long beep.
- Interchangeable modules*: No re-wiring even after installation, except for WEP type.

*Refer to the standard non-fieldbus model for details.

Ø70 IP23

LHE-C3
LHE-C3B

- Sound Pattern: Intermittent tone, up to 90dB (at 1m).
- 2 Selections: 1) fast beep; 2) slow beep
- Installation: Upright and indoors only.

Ø50 IP23

Direct mount
LE-C3W
LE-C3BW

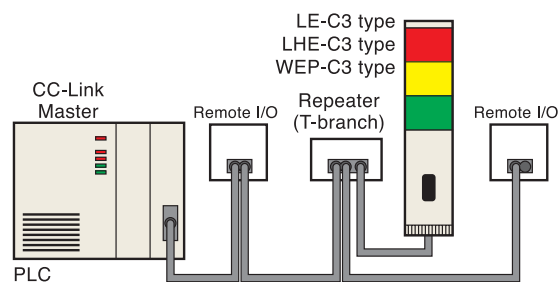
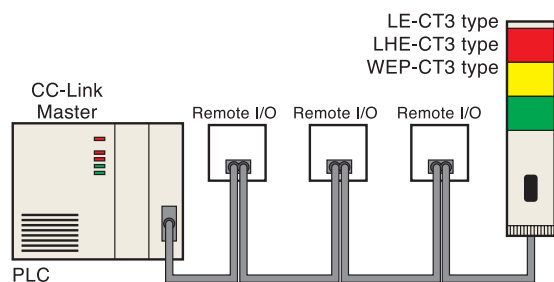
Pole mount
LE-C3P
LE-C3BP

- Original Dual Reflection System: For enhanced light diffusion, creating bright distinctive illumination while saving energy. (PAT.P).
- Sound Pattern: Intermittent tone, up to 85dB (at 1m).
- 2 Selections: 1) fast beep; 2) slow beep
- Installation: Indoors and upright only.
- Options Available: Direct or pole mount.

Profile
37.5mm

WEP-C3
WEP-C3B

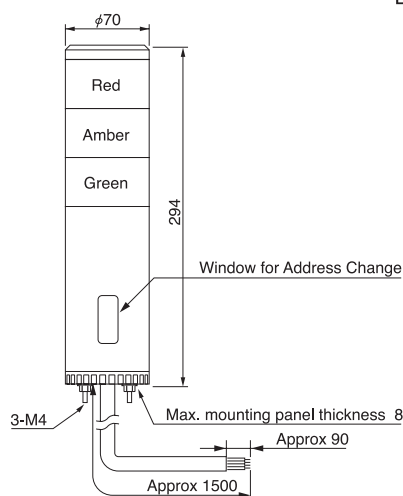
- Clear Vertical Cut Lens: For enhanced illumination over a wide perspective.
- Sound Pattern: Short beep or long beep up to 90dB* (at 1m)
- Installation: Indoors only, vertical or horizontal, either direction except for alarm (B) type: alarm exit must face downward.



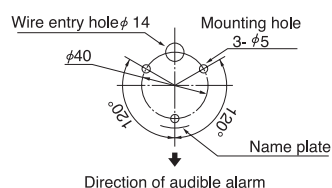
CC-Link stack light without terminating resistor can be branched using a terminal block in the case where a repeater is not used.

Dimensions

LHE-C3
LHE-CT3

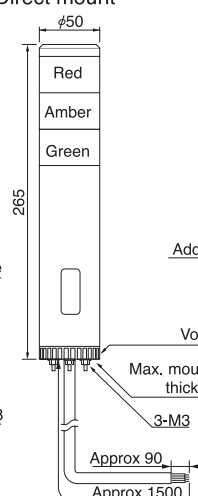


Mounting Dimension

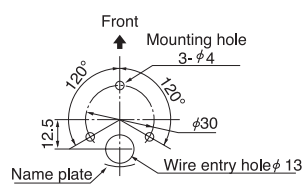


LE-C3
LE-CT3

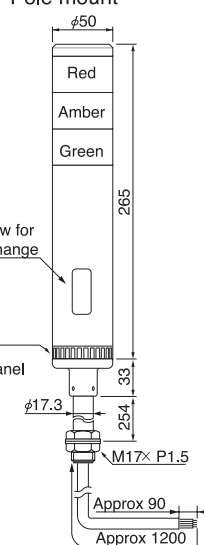
Direct mount



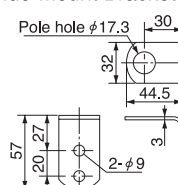
Mounting Dimension



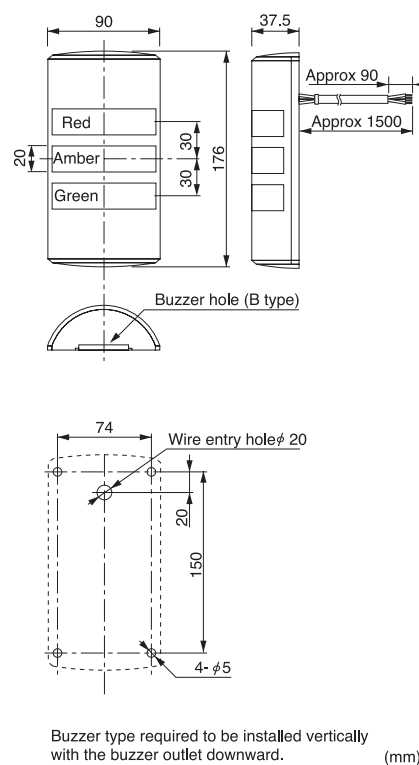
Pole mount



Side-Mount Bracket



WEP-C3
WEP-CT3



C3: C3: Without terminal resistor
CT3: Built-in terminal resistor

Wire Color	Signal
BLUE	DA
WHITE	DB
YELLOW	DG
(NONE)	SLD

LHE-C3 / LE-C3 / WEP-C3 type

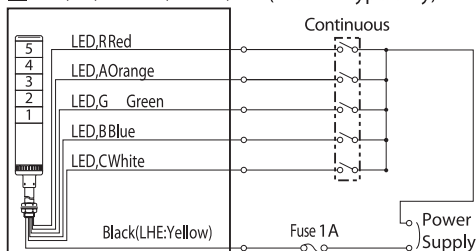
Number of stacks	Model	Audible alarm	Signal Line	Current consumption		
				CC-Link PCB (Max.)	LED Element (Max.)	Audible alarm (Max.)
3 Lights (Red Amber Green)	LHE-C(T)3	N/A	DA, DB, DG, SLD	50mA	25mA(Red,Amber) 20mA(Green)	—
	LHE-C(T)3B	available			50mA(Red,Amber) 40mA(Green)	40mA
	LE-C(T)3W/LE-C(T)3P	N/A			50mA(Red,Amber) 40mA(Green)	40mA
	LE-C(T)3BW/LE-C(T)3BP	available			30mA(Red,Amber) 25mA(Green)	40mA
	WEP-C(T)3	N/A			30mA(Red,Amber) 25mA(Green)	40mA
	WEP-C(T)3B	available				

Patlite's standard signal tower for field bus application is the 3-light style.

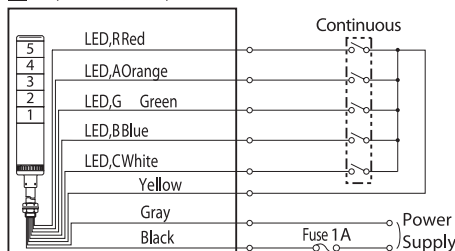
LES/LE/LHE Wiring Diagram

(LE-□□□(FB)(W)(P) Model)

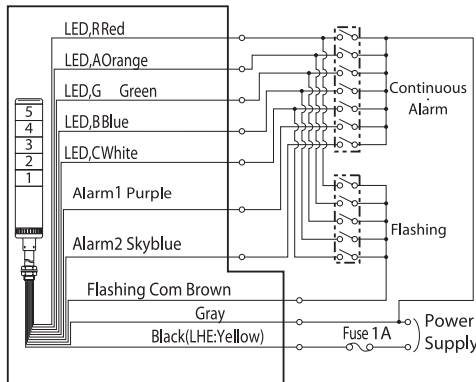
■ LES/LE/LHE AC/DC 12/24V(LES:24V type only)



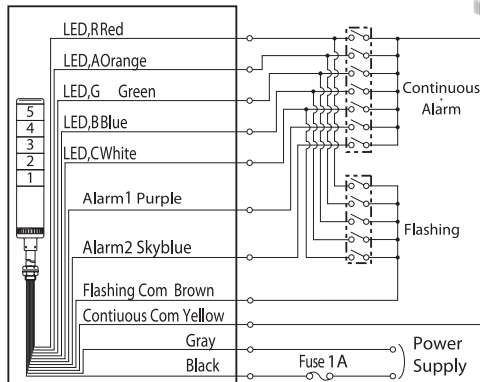
■ LE/LHE AC 100/220V



■ LE/LHE-FB AC/DC 12/24V



■ LE/LHE-FB AC 100/220V



LE

LES

LHE

■ Lead wire color correspondence table

Color of LED unit	Color of Lead wire
Red	Red
Amber	Orange
Green	Green
Blue	Blue
Clear	White

※LE type: All 5 light wires are supplied even if all colors are not used.

Alarm	Color of Lead wire
Alarm1	Purple
Alarm2	Skyblue

※Alarm wires do not exist for continuous only model.

■ Fuse for outer contact protection

Voltage	Fuse
All voltage types	1A

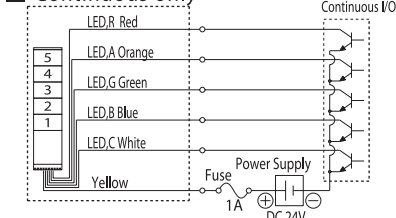
■ Voltage and Amperage of lead wire per layer

Model	Voltage Type	Signal Line Voltage	LED Signal Line Current	Alarm
LE	AC/DC 12V	AC/DC 12V	R,A:50mA G,C:40mA B:44mA	Signal Line Current 40mA
LHE-A	AC/DC 24V	AC/DC 24V	R,A:50mA G,C,B:40mA	
LES/LE			R,A:25mA G,C:20mA B:22mA	
LHE-A	AC100V,220V	DC 24V	R,A:50mA G,C,B:40mA	Rush Current 150mA
LE			R,A:25mA G,C:20mA B:22mA	

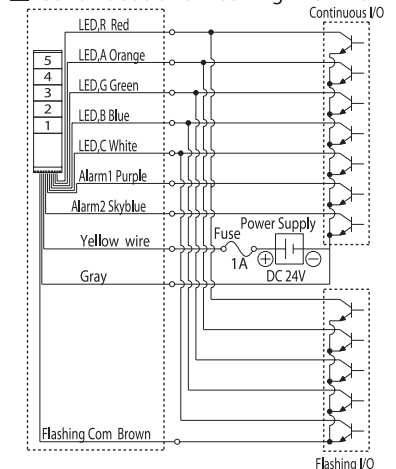
NPN(PNP)Transistor

DC24V NPN Transistor

■ Continuous only

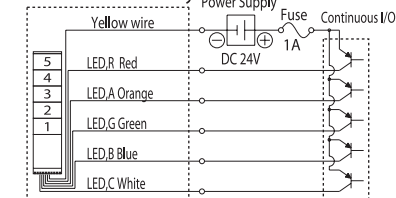


■ Continuous and Flashing with Alarm

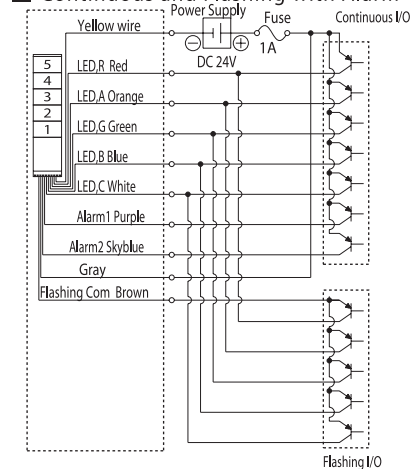


DC24V Transistor

■ Continuous only

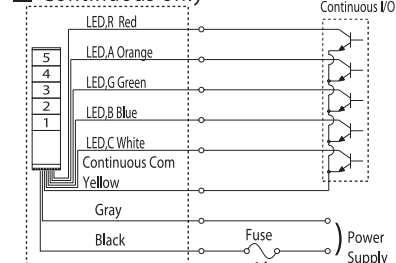


■ Continuous and Flashing with Alarm

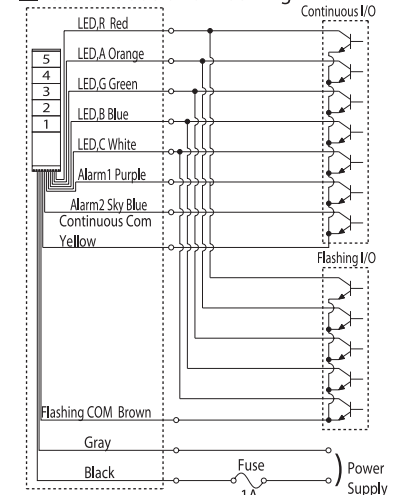


AC100/220V NPN Transistor

■ Continuous only



■ Continuous and Flashing with Alarm

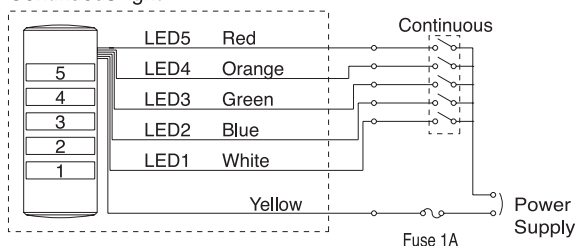


	Transistor	Current Capacity	Withstand Voltage	Current Leak
LES	NPN or PNP	Ic^100mA (LED UNIT)	Vc^35V	IL%1mA
LE		Ic^300mA (Alarm)	Vc^50V	
LHE		Ic^50mA (LED UNIT)		

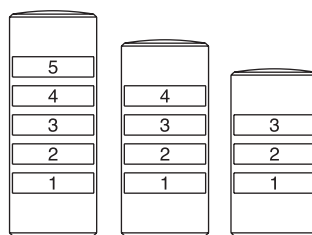
WEP/WE Wiring Diagram

[WEP/WE-ccc(FB) Model]

Continuous light

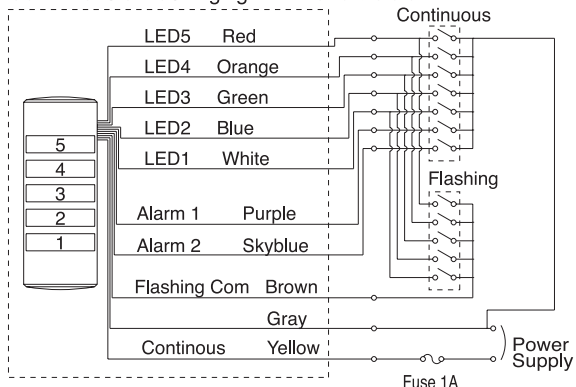


Wire color



WEP/WE

Continuous or flashing light with audible alarm



Light

Wire color	5 Lights	4 Lights	3 Lights
Red	5	4	3
Orange	4	3	2
Green	3	2	1
Blue	2	1	-
White	1	-	-

Alarm

	Wire color	Sound
Alarm 1	Purple	Short pips
Alarm 2	Skyblue	Long beeps

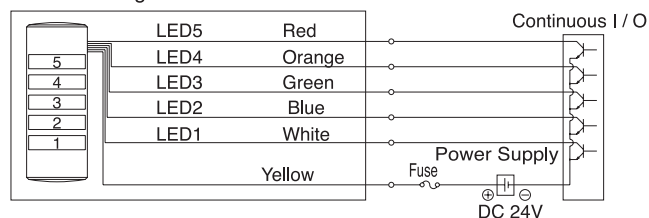
Voltage and Amperage of lead wire per layer

Model	Voltage Type	Signal Line Voltage	LED		Alarm	
			Signal Line Current R,A	Current G,B,C	Signal Line Current	Rush Current
WEP/WE	AC/DC 24V	AC/DC 24V	30mA	25mA	40mA	250mA

DC 24V NPN(PNP) Transistor

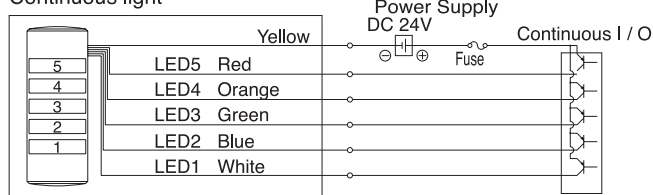
NPN Transistor

Continuous light

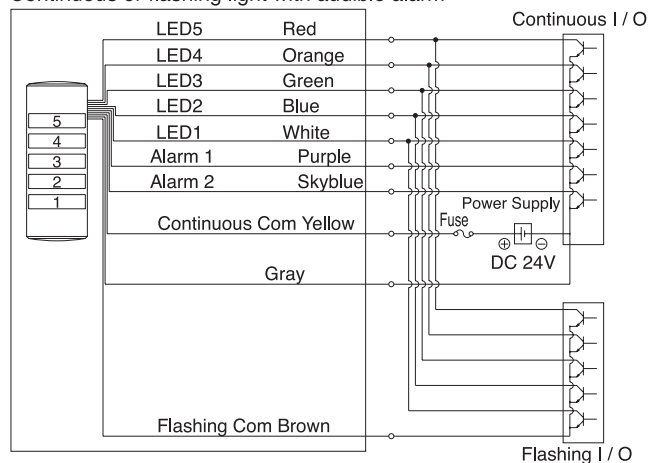


PNP Transistor

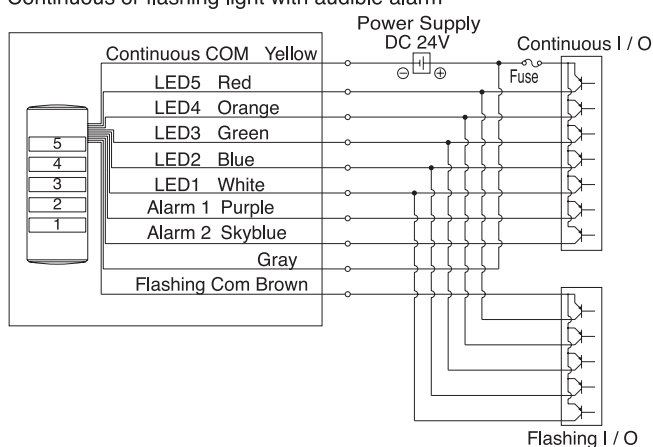
Continuous light



Continuous or flashing light with audible alarm



Continuous or flashing light with audible alarm



Type	Transistor (NPN or PNP)	Voltage	Vc^35V (48V:Vc^63V)
Current Capacity	Ic ^ 0.1A Buzzer 300mA	Current Leak	IL % 0.1A

[Fuse rate]

1A