

LCE / LCE-U

Signal Tower



LED



Cabtire
(LCE-U type only)



85dB/m

Electronic Sound 2

Ø40

IP65

(LCE-FB type IP54)

NPN/PNP
Open collector

LCE-U

LCE



Reflection
system



High visibility
from any angle



Adjustable volume
Max. 85dB/m

Low-priced, high quality LED Signal Tower featuring low maintenance and energy savings.

- PATLITE'S Exclusive Hybrid Prism-Cut Lens: For enhanced visibility from any direction and distance.
- Original Dual Reflection System: For enhanced light diffusion, creating bright distinctive illumination while saving energy. (PAT.P)
- Built-in Alarms (FB Type): 2 selectable sound patterns with adjustable volume up to 85dB (at 1m).
- Installation: Direct or pole mount.
- Color-coordinated Wiring: Corresponds to the lens colors for quick wiring verification.
- Interchangeable LED Modules: No re-wiring even after installation.
- Main Body: ABS resin with superior resistance to impact and heat (U type has silver color and 3m cabtire cable).
- Lens: Superior impact-resistant and light-translucent AS resin.
- NPN/PNP Compatible: For DC24V type; M2 type compatible with NPN only.
- CE Compliance: U and non-U types, 24V ONLY.
- Available Colors: Red, Amber, Green, Blue, Clear.
- High-Voltage Version Available: AC90-250V (LCE-M2 and LCE-M2FB).
- High visibility from any angle.
- Adjustable volume Max. 85dB/m

Interchangeable LED modules

- Changeable color sequence: Easy to add / remove up to 5 colored modules even after installation.
- Note: LED modules of the same color will light up simultaneously.

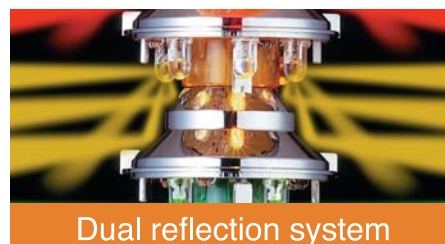
The wiring remains the same

The corresponding wire color lights the module no matter where it is in the stack.



Easy to add and remove

- If the number of modules is changed, a separate shaft must be ordered.

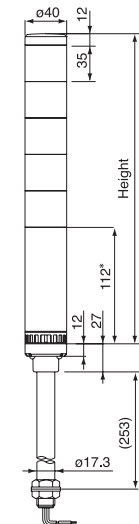


Dual reflection system

PATLITE's original dual reflection system with its exclusive hybrid prism-cut lens and 5color LED modules create bright distinctive illumination evenly.

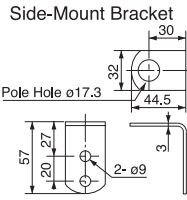
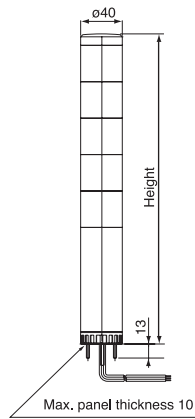
Dimensions

LCE-U type



*M2-FB type:167

LCE-UW type



LCE type

Height (mm)
1 Light:158
2 Lights:193
3 Lights:228
4 Lights:263
5 Lights:298

LCE-M2FB type

Height (mm)
1 Light:213
2 Lights:248
3 Lights:283
4 Lights:318
5 Lights:353

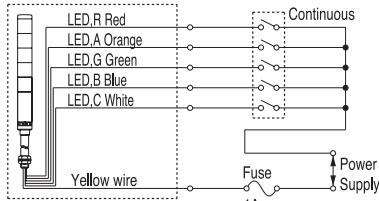
(mm)



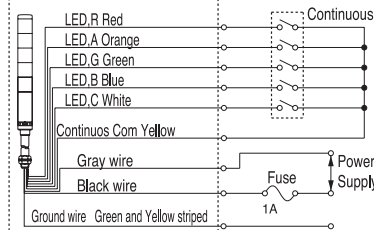
Wiring Diagram

Continuous only

AC/DC 24V



AC 90~250V



Voltage and Amperage of lead wire per stack

Model	Voltage Type	Signal Line Voltage	LED		Alarm	
			Signal Line	Current	Signal Line	Rush Current
LCE/LCE-U	AC/DC 24V	AC/DC 24V	R, Y	30mA	G, B, C	25mA
						40mA
						250mA

Lead wire color correspondence table

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

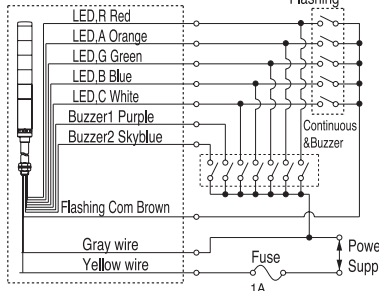
Alarm	Color of Lead wire
Alarm1	Purple
Alarm2	Skyblue

Fuse for outer contact protection

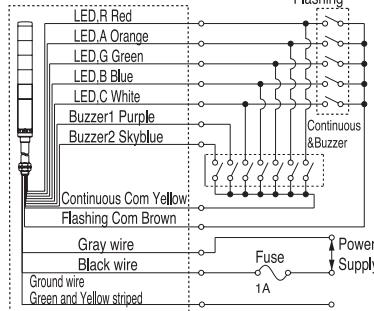
Voltage	Fuse
All voltage types	1A

Continuous and Flashing with Alarm

AC/DC 24V



AC 90~250V



LCE / LCE-U type

Number of stacks	Model	Rated Voltage	Power Consumption
1Light	LCE-102(U)	AC/DC 24V	1.7W
2Lights	LCE-202(U)	AC/DC 24V	2.4W
3Lights	LCE-302(U)	AC/DC 24V	3.0W
4Lights	LCE-402(U)	AC/DC 24V	3.6W
5Lights	LCE-502(U)	AC/DC 24V	4.2W

FB type: approx. 60 flashes per minute.

How to order (LCE type)

LCE-502UFBW-RYGB-C-Z

Stacks 1~5	Rated Voltage 02: AC/DC24V M2: AC90~250V	Body Color Bkank: Ivory white U: Silver	Type Nothing: Continuous light FB: Continuous or flashing light with audible alarm	Color of LED R: Red Y: Amber G: Green B: Blue C: White Top to bottom	Color of Lens Nothing: Color lens Z: Clear lens	Mount Bkank: Pole Mount(with SZ-012) K: Pole Mount(with SZ-021) W: Direct Mount
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