



LED



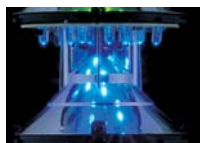
85dB/m

Electronic Sound 1

Ø100

IP54

NPN/PNP
Open collector



Triple Reflection system

Large Signal Tower featuring enhanced visibility and downward illumination, designed for large machines.

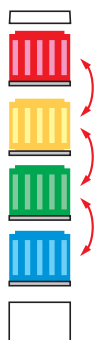
- PATLITE's large prism cut lens: For enhanced downward illumination (cut lens: Φ 100mmx60mm high).
- Newly developed triple-reflection system: For enhanced visibility and low power consumption.
- Flashing Pattern: Flashing and continuous.
- FB type: Built-in buzzer with volume up to 85dB (at 1m).
- Installation: Direct mount.
- Interchangeable Modules: No re-wiring even after installation.
- Lens: Superior impact- and heat-resistant polycarbonate resin for superior durability and light transmission.
- NPN/PNP compatible: DC 24V type; AC100/220V compatible with NPN only.
- CE Compliance: AC/DC 24V type ONLY.
- Available Colors: Red, Amber, Green, Blue and Clear.

Interchangeable LED modules

- Changeable color sequence: Easy to add / remove up to 4 colored modules even after installation.
- Note: LED modules of the same color within a signal tower will light up simultaneously.

The wiring remains the same

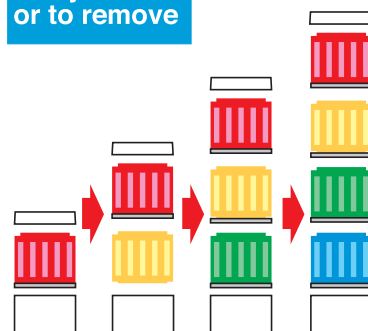
No re-wiring: Each color module corresponds to the wire's color.



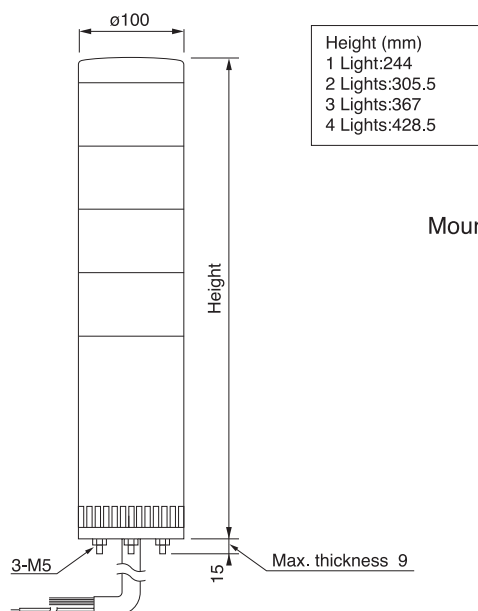
Easy to add and remove

- Note: Add-on kit is required to add another LED module.

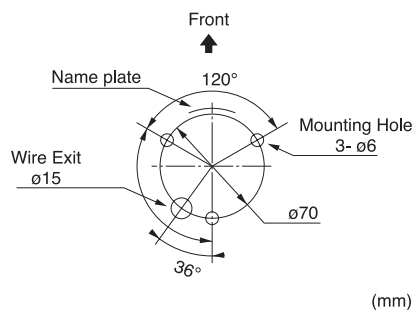
Easy to add or remove



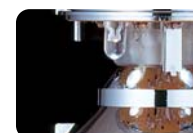
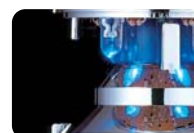
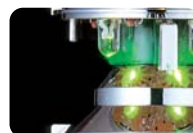
Dimensions



Mounting Dimension



"Super Bright" L.E.D. provides highest level of visibility.



Wiring Diagram

Note: See page 118 for wiring diagram

LGE type

Number of stacks	Model	Rated Voltage	LGE Power Consumption
1Light	LGE-102 / 102FB	AC/DC 24V	2.5W
	LGE-110 / 110FB	AC 100V	5.7W
	LGE-120 / 120FB	AC 200~240V	
2Lights	LGE-202 / 202FB	AC/DC 24V	4.5W
	LGE-210 / 210FB	AC 100V	8.2W
	LGE-220 / 220FB	AC 200~240V	
3Lights	LGE-302 / 302FB	AC/DC 24V	6.5W
	LGE-310 / 310FB	AC 100V	10.7W
	LGE-320 / 320FB	AC 200~240V	
4Lights	LGE-402 / 402FB	AC/DC 24V	8.5W
	LGE-410 / 410FB	AC 100V	13.2W
	LGE-420 / 420FB	AC 200~240V	

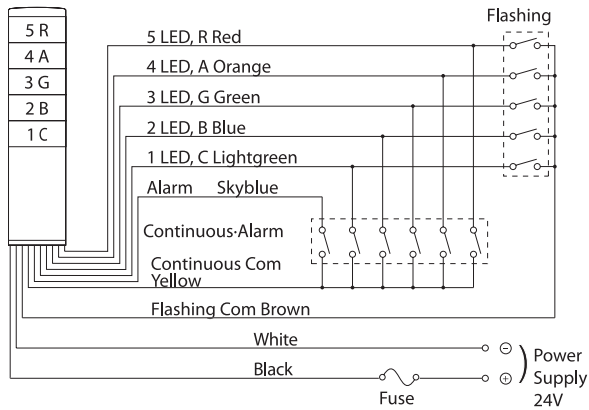
FB type: approx. 60 flashes per minute.

How to order

LGE-402FB-RYGB	
Stack 1~4	Color R:Red Y:Amber G:Green B:Blue C:Clear/White Top to bottom
Rated Voltage 02:AC/DC24V 10:AC100V 20:AC220V	Type Nothing:Continuous light FB:Continuous or flashing light with audible alarm

LGE Wiring Diagram

[LGE-□□□(FB) Model]



LGE

Voltage and Amperage of lead wire per layer

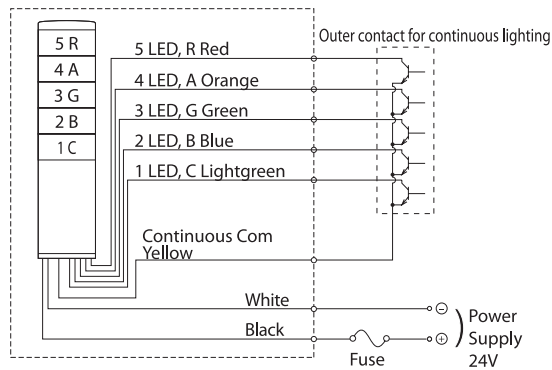
Voltage Type	Signal Line Voltage	LGE		
		LED Signal Line Current	Alarm Signal Line Current	Rush Current
AC/DC 24V	AC/DC 24V			
AC100V	AC24V	90mA	20mA	250mA
AC220V				

Continuous signal has priority when Flashing signal is activated simultaneously.

DC 24V:NPN(PNP)Transistor

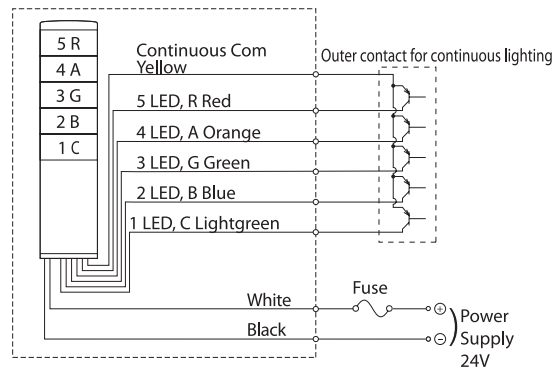
NPN

LGE

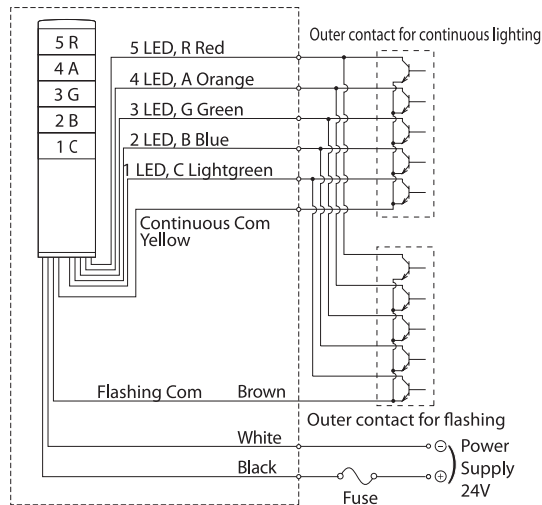


PNP

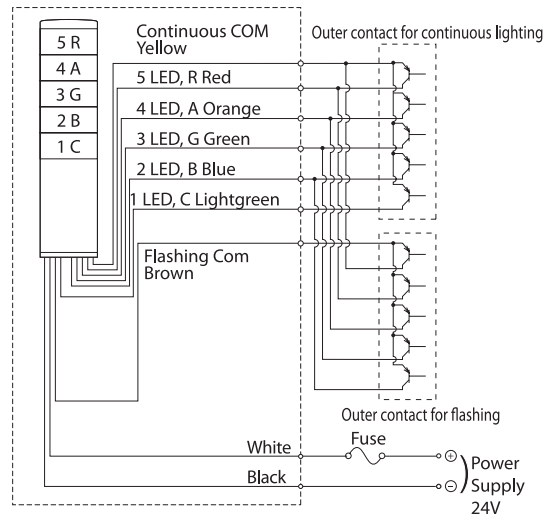
LGE



LGE-FB



LGE-FB



Fuse rate

Model	LGE
Voltage type	All types
Fuse	Miniature glass tube fuse ø5×20mm
Rated current	1A

Transistor Capacity(NPN/PNP)

Model	LGE
Current Capacity	$I_c \wedge 0.1A$ (LED unit) $I_c \wedge 0.3A$ (Alarm)
Voltage	$V_c \wedge 35V$