

SE-D

Signal Tower



LED



85dB/m FB type

Electronic Sound 2 FB type

ø57

IP54 FB type: IP23
Pole mount: IP23

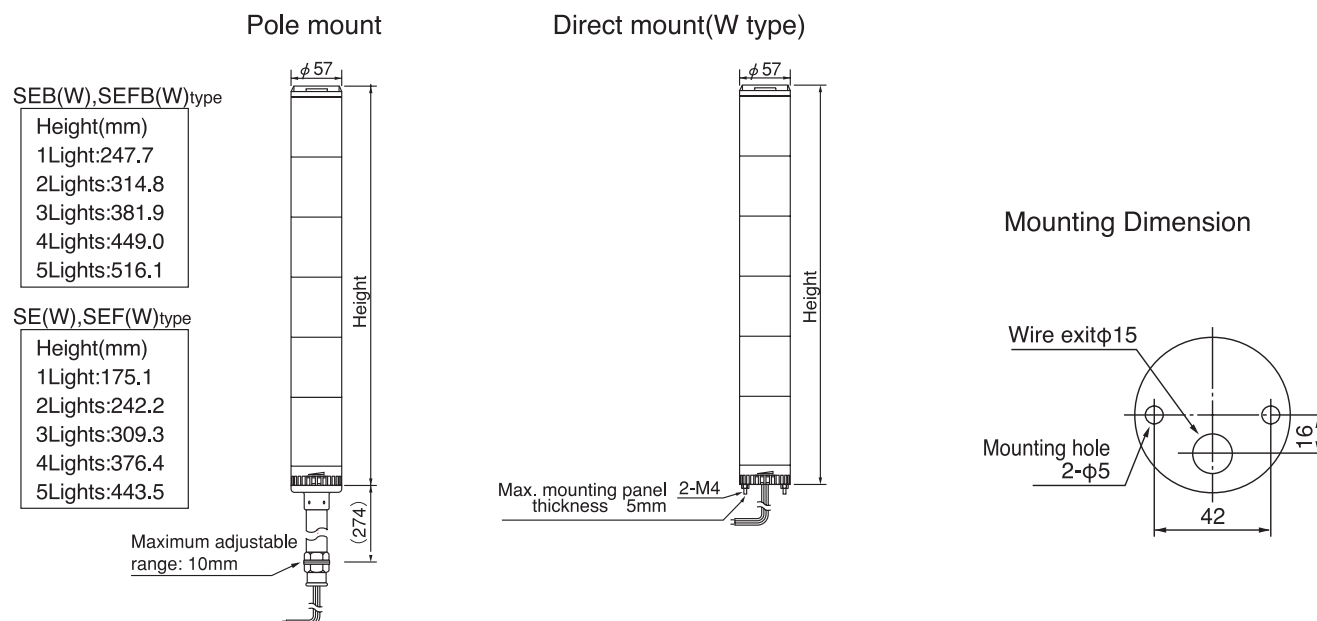
NPN/PNP
Open collector



Signal Tower featuring enhanced visibility with original reflection system.

- PATLITE's Exclusive Hybrid Prism-Cut Lens: For enhanced visibility from any direction and distance.
- Original LED reflection system: Improves brightness and provides maintenance free operation.
- FB type: 2 tone built-in buzzer with volume control (85dB/m)
- Installation: Direct or pole mount.
- Color reformation: Unit color correspond with wire color so that no re-wiring is required even after installation.
- Interchangeable LED module: No re-wiring even after installation.
- Lens: Weather-resistant and light translucent AS resin.
- NPN/PNP compatible: Except AC100/220V compatible with NPN only.
- CE Compliance: AC/DC 24V type ONLY
- Available Colors: Red, Amber, Green, Blue, Clear/White.

Dimensions



Wiring Diagram

Note: See page 119 for wiring diagram

SE-D type

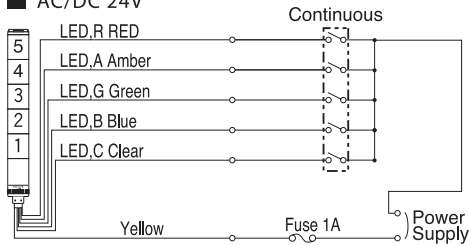
Number of stacks	Model	Rated Voltage	Power Consumption
1 Light	-102D	AC/DC 24V	1.5W
	-110D	AC 100V	3.0W
	-120D	AC 220V	3.5W
2 Lights	-202D	AC/DC 24V	2.5W
	-210D	AC 100V	5.0W
	-220D	AC 220V	5.5W
3 Lights	-302D	AC/DC 24V	3.5W
	-310D	AC 100V	6.5W
	-320D	AC 220V	7.0W
4 Lights	-402D	AC/DC 24V	4.5W
	-410D	AC 100V	7.5W
	-420D	AC 220V	8.5W
5 Lights	-502D	AC/DC 24V	5.5W
	-510D	AC 100V	8.5W
	-520D	AC 220V	10.0W

SE-D Wiring Diagram

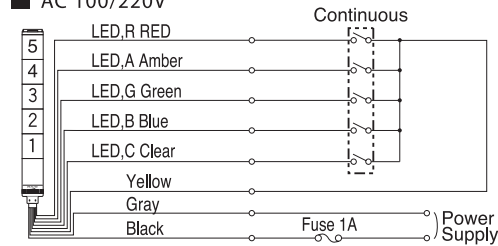
[SE(F)(B)(W)-□□□D Model]

SE-D[Continuous type]

■ AC/DC 24V



■ AC 100/220V



Wire color

Light

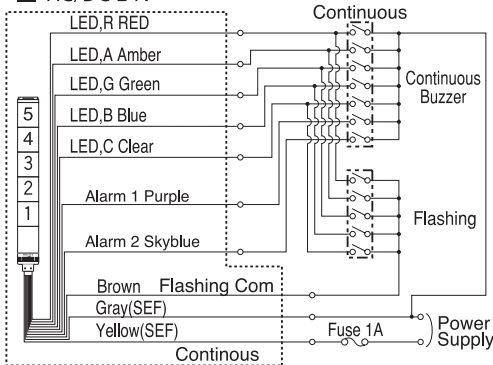
Color of LED unit	Color of lead wire
Red	Red
Amber	Orange
Green	Green
Blue	Blue
Clear	White

Alarm

Alarm	Color of lead wire
Alarm 1	Purple
Alarm 2	Skyblue

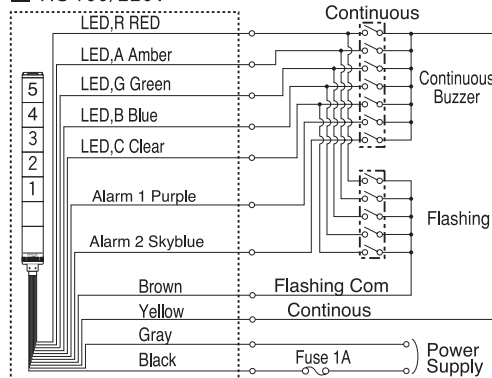
SE-D[Flashing type]

■ AC/DC 24V



*SEB type: Without Brown/Gray color wire.
*SEF type: Without Purple/Skyblue color wire.

■ AC 100/220V



*SEB type: Without Brown/Gray color wire.
*SEF type: Without Purple/Skyblue color wire.

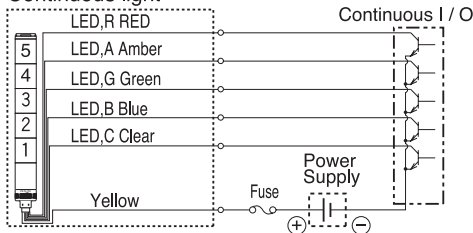
Voltage and Amperage of lead wire per layer

Voltage Type	Signal Line Voltage	LED	Alarm	
		Signal Line Current	Signal Line Current	Rush Current
AC/DC 12V	AC/DC 12V	R,Y:100mA G,B,C:80mA	Max40mA	150mA
AC/DC 24V	AC/DC 24V	R,Y:50mA G,B,C:40mA		
AC100V・AC220V	AC 24V			

DC 24V NPN(PNP) Transistor

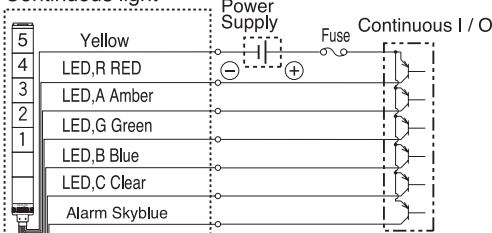
NPN Transistor

Continuous light



PNP Transistor

Continuous light



*Skyblue color wire is only available for STPB type.

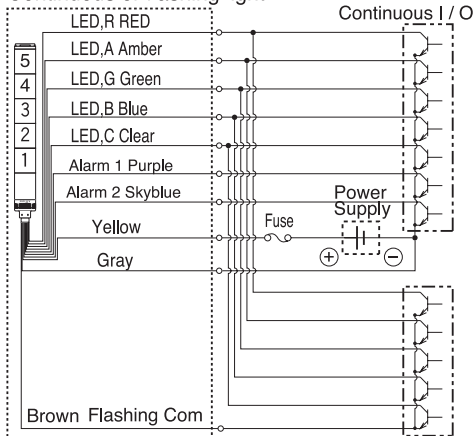
Capacity of Transistor

Model	Transistor(NPN or PNP)
Current Capacity	Ic ^ 0.1A(LED unit) Ic ^ 300mA(Alarm)
Withstand Voltage	Vc ^ 35V
Current Leak	IL < 1mA

Fuse for outer contact protection

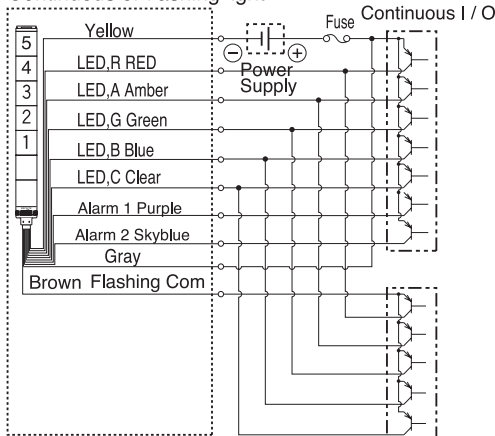
Voltage	Fuse
All voltage type	1A

Continuous or flashing light



*SEB type: Without Blown/Gray color wire.

Continuous or flashing light



*SEB type: Without Blown/Gray color wire.