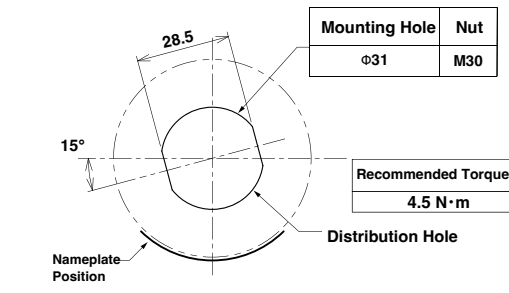
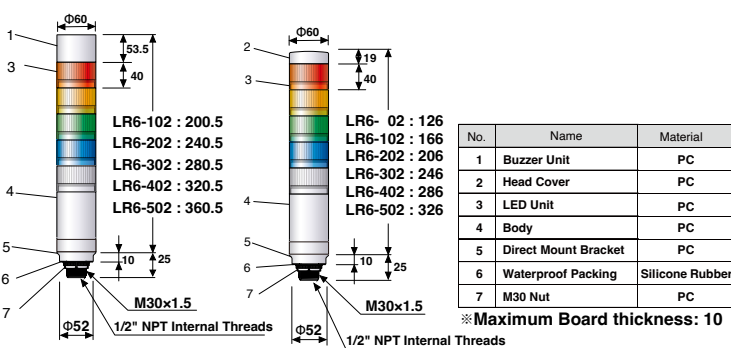


Outer Dimensions (Unit : mm)

■ Mounting Dimensional Drawing (M30x1.5 Installation)



■ [W4/W5/W8] Direct Mounting (Mounting with M30 Nut) / M12 Connector



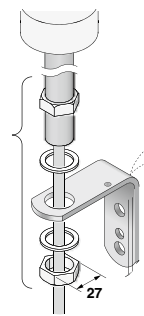
■ Installation Figure

- 1 Make mounting holes for the product.
- 2 Pass the M12 cable through.
- 3 Fix the product.

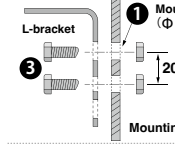
Recommended Torque
30 N·m

Point

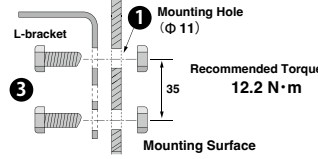
When not using a L-bracket attachment,
use a 22 to 23mm diameter hole
※For more details please refer
to the installation manual



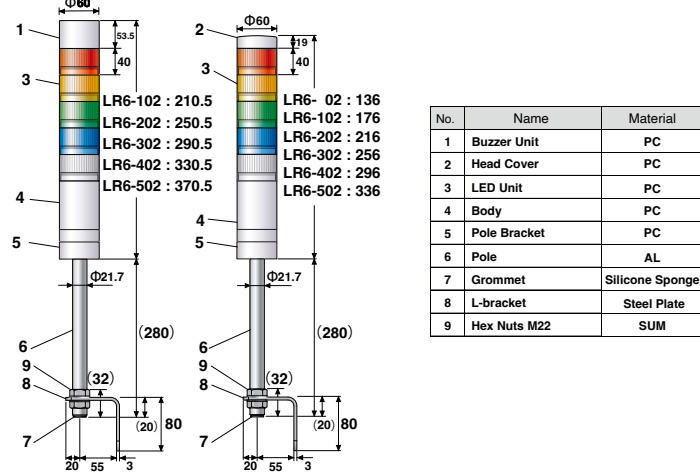
Measurements for M8 screws and nuts



Measurements for M10 screws and nuts



■ [L4/L5/L8] Pole Mounting L-bracket / M12 Connector



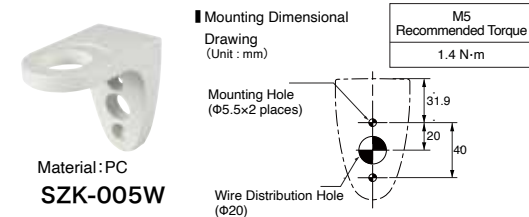
Option

■ Connector with Cable

- 8-pin type, one-side connector
- SZ-120-02 : 2m
- SZ-120-05 : 5m
- SZ-120-10 : 10m



■ Wall Mount Bracket



Using Blue and White LED units with 4-pin or 5-pin models

For 3 lights: Red, Amber, Blue

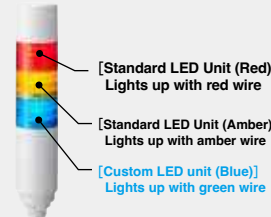
Use the green wire to light the blue LED

Assembled Model

LR6-202W5BW-RY

LED Unit (Blue):B
LED Unit (White):C

Wire Colors for Standard LED Units:
R (Red) / A (Amber) / G (Green)



Specifications

Supported Transistors	NPN / PNP
Rated Voltage	24V DC
Rated Power Consumption	Max. 6.6W
Protection Rating	Direct mounting: IP65 / Pole mounting: IP54
Mounting Location / Mounting Direction	Indoor / Upright

PATLITE Corporation

PATLITE (U.S.A.) Corporation

PATLITE MEXICO S.A. de C.V.

PATLITE Europe GmbH

PATLITE UK LTD

PATLITE (CHINA) Corporation

PATLITE KOREA CO., LTD.

PATLITE TAIWAN CO., LTD.

PATLITE (THAILAND) CO., LTD.

PATLITE (SINGAPORE) PTE LTD

PT. PATLITE INDONESIA

CAUTION

To ensure correct use of these products, read the "Instruction Manual" prior to use. Failure to follow all safeguards can result in fire, electric shock, or other accidents. Specifications are subject to change without notice.

PATLITE®

Signal Tower
LR6 Series

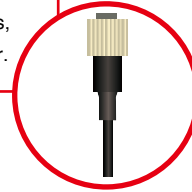
Reduce Installation Time with Quick Disconnect M12 Signal Towers



What is the M12 connector?

IEC 61076-2-101

- A robust circular connector for industrial use, offering watertight and dustproof performance, suitable for signal and power connections.
- In addition to being compatible with a wide variety of applications, the connection also provides stable signal transmission and power.



Designed for Quick and Easy Installation

Rugged and reliable M12 connection

Designed for Use in Various Environments

Features flexible installation and mounting options while maintaining clear visual and audible indication



* Pole-mount version
schedule for June 2025 release

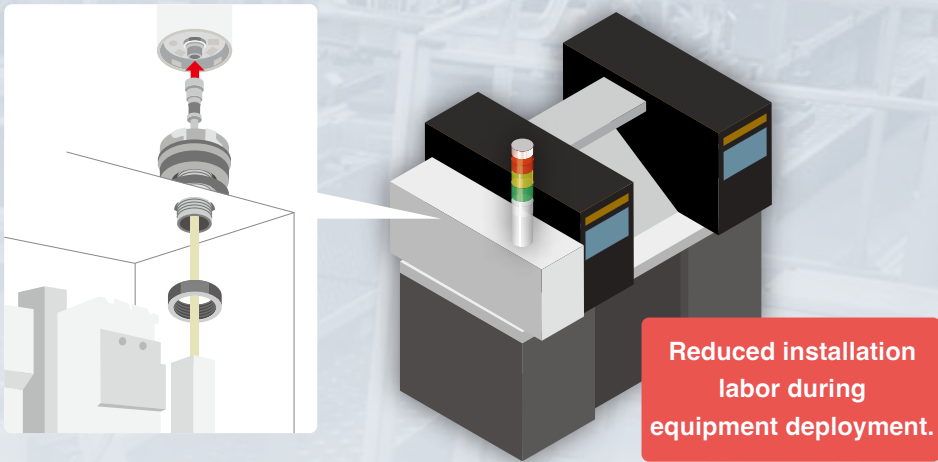
●PATLITE, the PATLITE logo are either registered trademarks or trademarks of PATLITE Corporation in JAPAN and/or other countries.
●The names of other companies and products are trademarks or registered trademarks of their respective companies.

Advantages of M12 Connectors

Simplified Wiring Significantly Reduces Installation Time

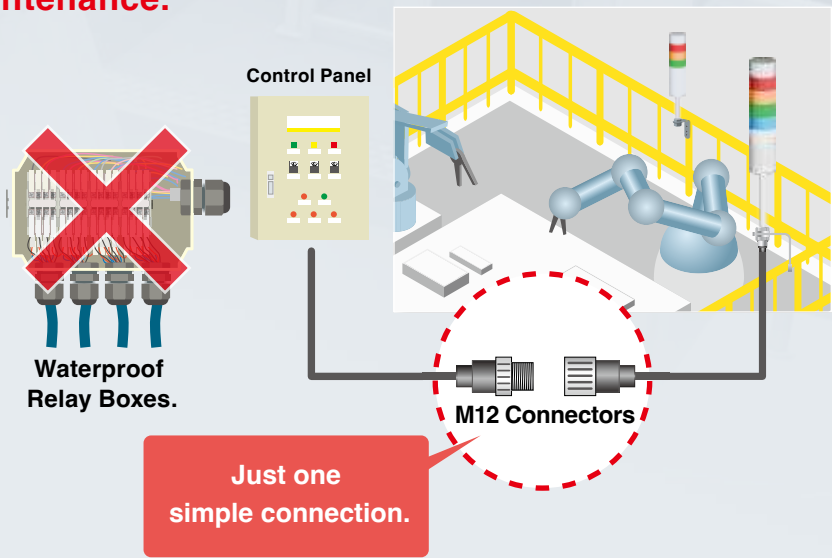
Reduce Wiring Workload During Equipment Installation.

Save time and effort with a single M12 cable, making attachment and detachment quick and easy.



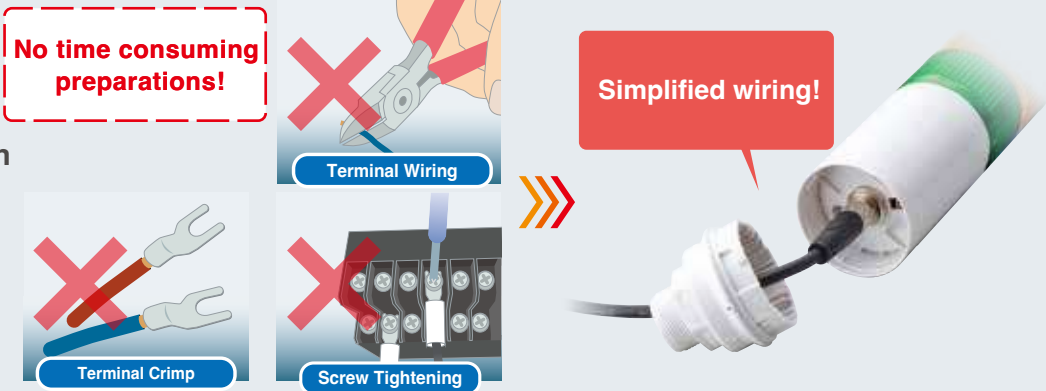
No Need for Relay Boxes and Maintenance.

Using a watertight M12 connector eliminates the need for relay boxes as well as making maintenance and rewiring more efficient.



Prevent Incorrect Wiring.

Having only one cable to connect for installation and removal, the M12 ensures proper connection and no faulty wiring.



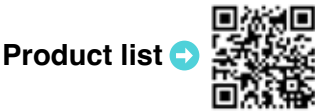
Model

LR6-302W5BW-RYG

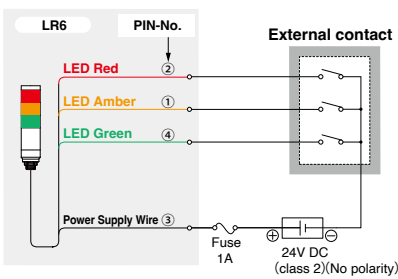
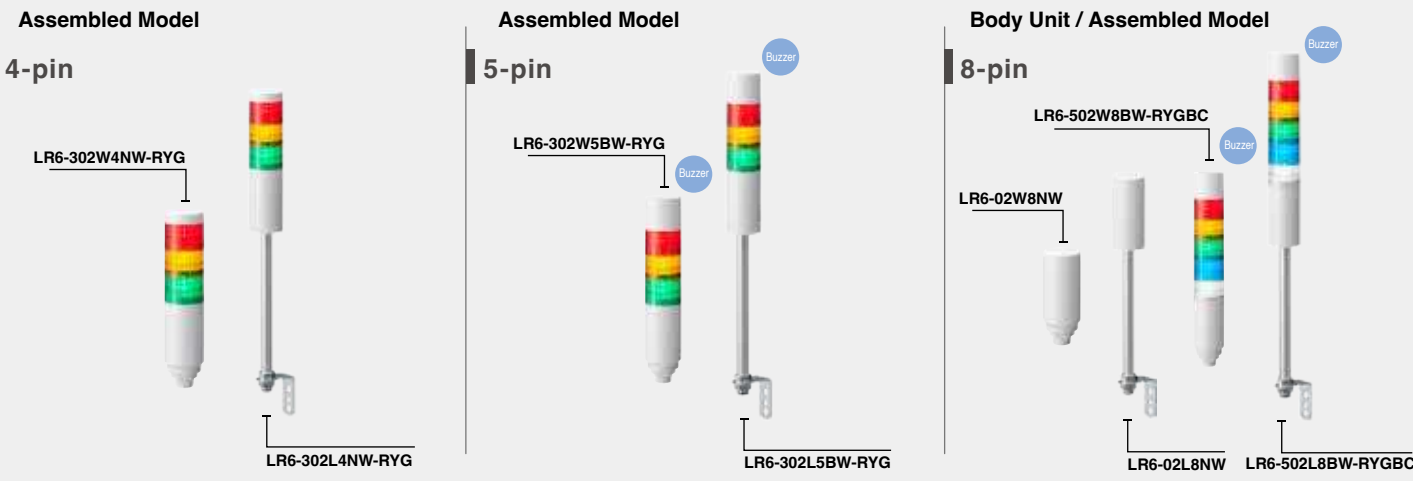
①Size	②Tiers	③Rated Voltage	④Mounting / Wiring	⑤Buzzer	⑥Body Color	⑦LED Unit Color
6 = Φ60	= 0 tiers	02=24V DC	W4= Direct mounting (Mounting with M30 Nut) / M12 connector 4-pin W5= Direct mounting (Mounting with M30 Nut) / M12 connector 5-pin W8= Direct mounting (Mounting with M30 Nut) / M12 connector 8-pin	B = With Buzzer N = No Buzzer	W = Off-White K = Black	R = Red Y = Amber G = Green B = Blue C = White
	1 = 1 tier		L4 = Pole Mounting with L-bracket • M12 connector 4-pin L5 = Pole Mounting with L-bracket • M12 connector 5-pin L8 = Pole Mounting with L-bracket • M12 connector 8-pin			

※Scheduled for Release in June 2025

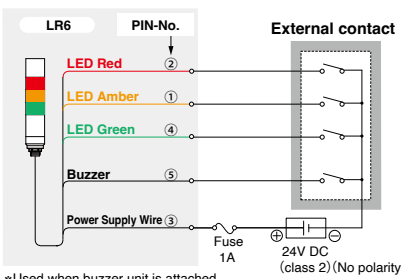
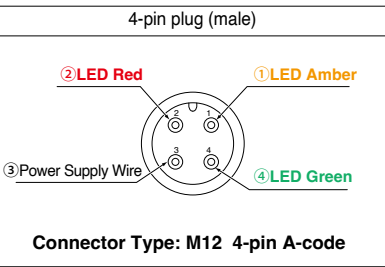
	4-pin Model	5-pin Model	8-pin Model
Model No.	LR6-302W4NW-RYG	LR6-302W5BW-RYG	LR6-502W8BW-RYGBC
Example	LR6-302L4NW-RYG	LR6-302L5BW-RYG	LR6-502L8BW-RYGBC



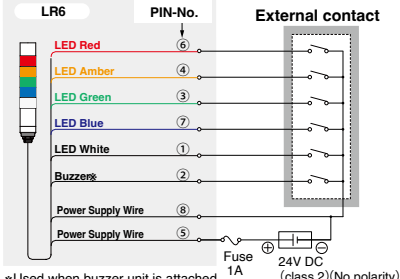
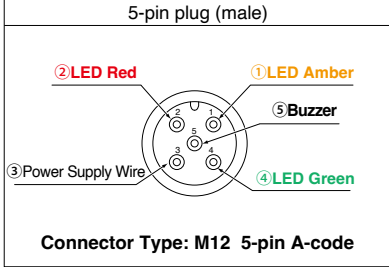
Wiring Example / M12 Connector Pin Layout



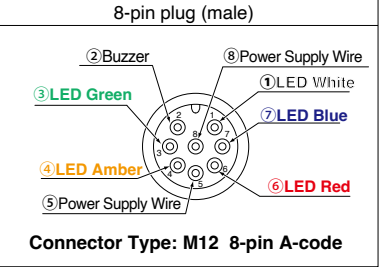
Buzzer Unit	WD Transmitter
Not Supported	Not Supported



Buzzer Unit	WD Transmitter
Supported	Not Supported



Buzzer Unit	WD Transmitter
Supported	Supported



Note

- For 4-pin and 5-pin models, standard blue, white, and multi-color LED units cannot be used. Please use custom blue and white LED units (refer to the last page).
- Poles for these models are not sold separately.
- Cable not included with this product.