

## Model Code

### • LR5-LAN Series

LR5-5 02 WE B W - RYGB

① ② ③ ④ ⑤ ⑥

① Tiers : 0 tiers 1 : 1 tier 2 : 2 tiers 3 : 3 tiers 4 : 4 tiers 5 : 5 tiers	② Rated Voltage 02 : 24V DC	③ Mounting / Communication Specification* WE : Direct Mount / Ethernet Control LE : Pole Mount with L-bracket / Ethernet Control SE : Short Pole Mount with L-bracket / Ethernet Control *The short pole-mount type is not compliant with KC certification.
④ Buzzer B : With buzzer N : No buzzer	⑤ Body Colour* <sup>3</sup> W : Off-white K : Black U : Silver	⑥ LED Colour R : Red    B : Blue Y : Amber    C : White G : Green

#### ■ Model No. Example

LR5-302WEBW-RYG    LR5-302LEBU-RYG

### • LR5-LAN (EtherNet/IP) Series

LR5-5 02 WI B W - RYGB

① ② ③ ④ ⑤ ⑥

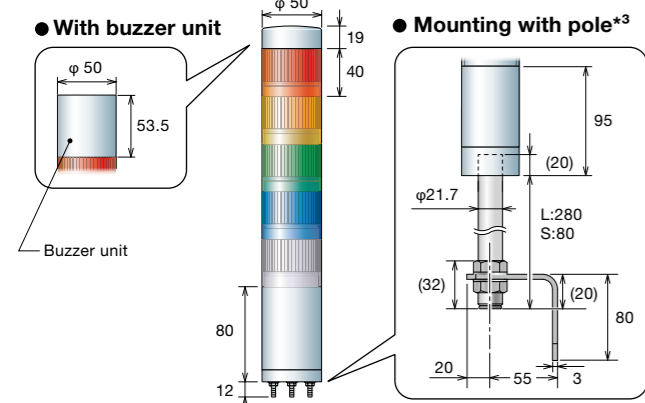
① Tiers : 0 tiers 1 : 1 tier 2 : 2 tiers 3 : 3 tiers 4 : 4 tiers 5 : 5 tiers	② Rated Voltage 02 : 24V DC	③ Mounting / Communication Specification* WI : Direct Mount / EtherNet/IP Control LI : Pole Mount with L-bracket / EtherNet/IP Control SI : Short Pole Mount with L-bracket / EtherNet/IP Control *The short pole-mount type is not compliant with KC certification.
④ Buzzer B : With Buzzer N : No Buzzer	⑤ Body Colour* <sup>3</sup> W : Off-White K : Black U : Silver	⑥ LED Colour R : Red    B : Blue Y : Amber    C : White G : Green

#### ■ Model No. Example

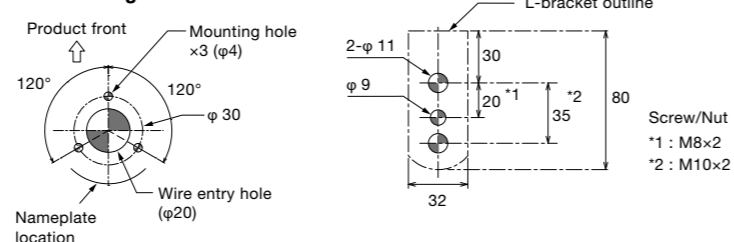
LR5-302WIBW-RYG    LR5-302LIBU-RYG

## Specifications & External Dimensions (Unit: mm)

■ LR5-□02WE, LR5-□02LE, LR5-□02SE  
LR5-□02WI, LR5-□02LI, LR5-□02SI Series

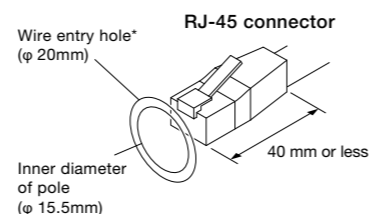


### ■ Mounting dimensions



### ■ LAN Cable RJ-45 Connector Recommended Size

\*When using the wall-mount bracket SZK-002W/U/K or SZK-001U, a LAN cable with a diameter of 15 mm or less must be used.



Model	LR5-□02□□□□ (LR5-LAN EtherNet/IP)	LR5-□02□□□□ (LR5-LAN)
Rated Voltage	24V DC (Polarity)	
Rated Current Consumption	Max : 290mA or less (with 5 LED tiers + buzzer)	
Operating Ambient Temperature / Humidity	-20°C to +50°C / 90% RH or less, no freezing, no condensation	
Protection Rating	Direct Mount : IP65   Pole Mount/Short Pole Mount : IP54	
Mass (Tolerance: ±10%)	Direct Mount : 100g +40g × number of LED tiers + 50g (with buzzer)	
	Pole Mount : 390g +40g × number of LED tiers + 50g (with buzzer)	
	Short Pole Mount : 300g + 40g × number of LED tiers +50g (with buzzer)	
Network Communication Method	Ethernet (IEEE802.3 Conformity) 10BASE-T/100BASE-TX (Auto-MDI/MDI-X)	
Communication Protocol	EtherNet/IP	HTTP(S), Modbus/TCP, Socket

\*3: Black body, silver body and short pole-mount version scheduled for release in February 2026.

## PATLITE Corporation

PATLITE (U.S.A.) Corporation

PATLITE TAIWAN CO., LTD.

PATLITE Europe GmbH

PATLITE (THAILAND) CO., LTD.

PATLITE UK LTD

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### ⚠ 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.

0-BE06A UK 2601

# PATLITE®

# LR5-LAN Series Product Catalogue



### LR5-LAN series

Modbus /TCP    HTTP(S) /HTTP    Socket

### LR5-LAN EtherNet/IP series

EtherNet/IP

Compatible with EtherNet/IP, the most widely used communication protocol in industrial is Ethernet.

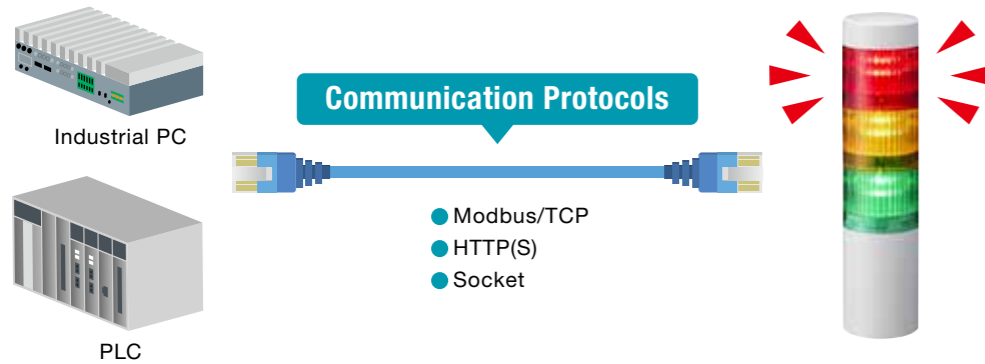
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EtherNet/IP™

# LR5-LAN Series

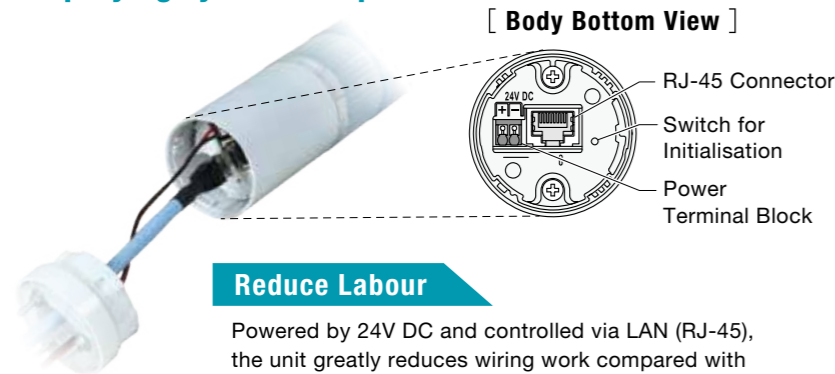
## Direct LAN Control from Industrial PC/PLC Simple Configuration & Easy Notification Setup



### LR5-LAN Compatible Functions

Protocol	Function	Compatible
Protocol	Socket	✓
	Modbus/TCP	✓
	HTTP(S)	✓
	EtherNet/IP	—
Monitoring	PING	✓
	Modbus/TCP	✓

Eliminating the need for an output board reduces both costs and maintenance effort by simplifying system components.



### Reduce Labour

Powered by 24V DC and controlled via LAN (RJ-45), the unit greatly reduces wiring work compared with conventional wire leads.

### Easy Setup

With the optional ADP-001C, power can be supplied from an AC outlet. No 24V DC or extra installation required.

# LR5-LAN EtherNet/IP Series

**NEW**

## Integrated Control and Data for FA Sites EtherNet/IP Signal Towers : Meeting the Needs of the Factory Floor

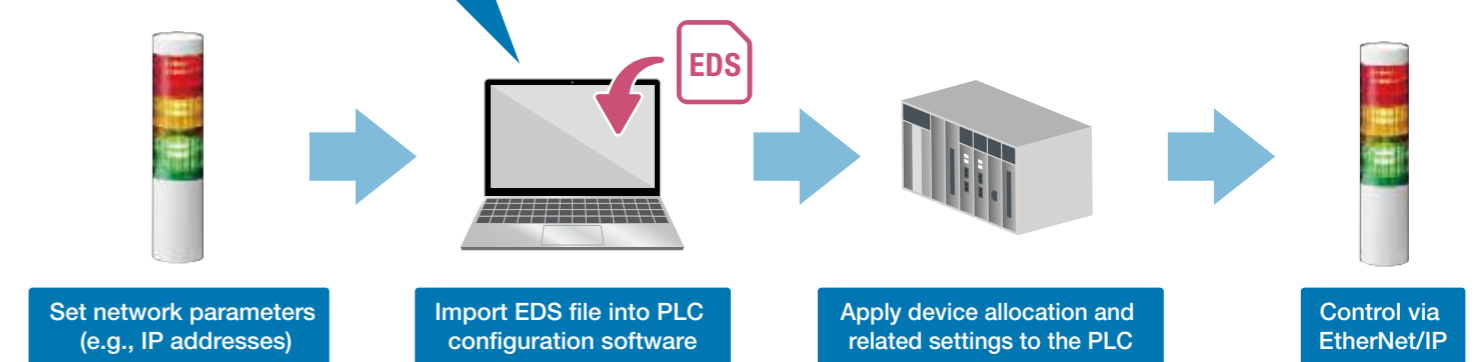
- Compatible with EtherNet/IP, widely used in industrial networks
- Significantly reduces wiring work
- LAN connection removes the need for I/O, lowering overall costs
- Enables remote diagnostics for status checks and data logging
- Ensures real-time performance with PLC control
- Allows flexible control setup through software

### LR5-LAN EtherNet/IP Compatible Functions

Protocol	Function	Compatible
Protocol	Socket	—
	Modbus/TCP	—
	HTTP(S)	—
	EtherNet/IP	✓
Monitoring	PING	✓
	Modbus/TCP	—

### Easy Setup with EDS (Electronic Data Sheet) Files

Registering the EDS file (containing configuration definitions) in the PLC tool software allows easy setup and reduces programming workload.



## Display of Machine Status and Higher-Level Systems

- Supports cyclic communication for periodic data exchange, enabling unified management from control to monitoring.
- Notifications can be sent directly to the field level from higher-level networks such as operation monitoring or production instruction systems.



Notification through systems such as SCADA



Semiconductor Industry



Automotive Industry



Chemical / Pharmaceutical Industry

## Product Line-up by Network Hierarchy

PATLITE provides a broad selection of products that support diverse FA system requirements, facilitating selection based on your specific system.

