



Open Network Capable Tower Light IT60 Series

- Energy saving, maintenance free LED lights
- Direct Ethernet and CC-Link control saves wiring and cost
- Bright and even illumination thanks to M-System's original reflection system
- Three light modules plus one dual color module
- IP 65

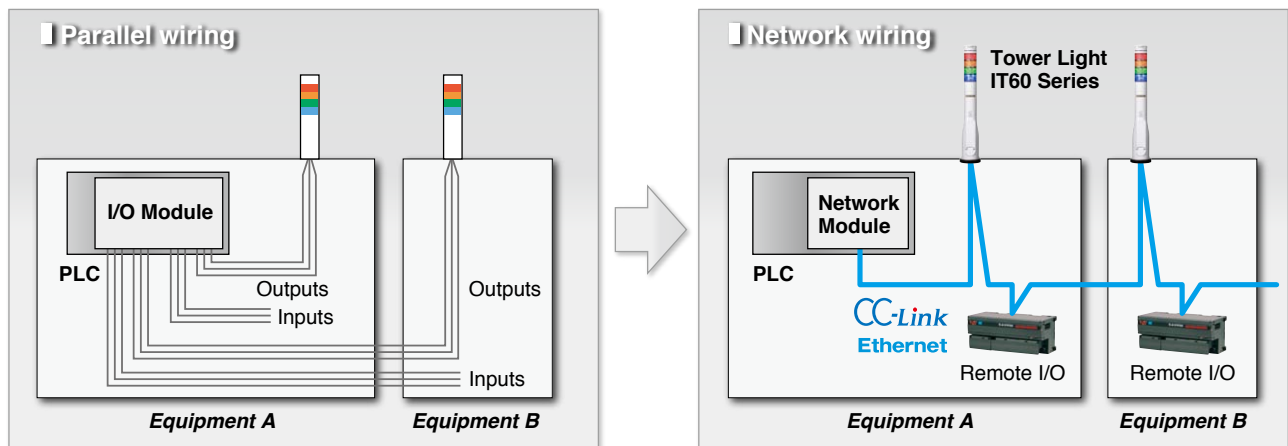


model: IT60

Model	Function	Spec
IT60RE	φ60 mm, 4 layers, Ethernet	
IT60RC	φ60 mm, 4 layers, CC-Link	

The IT60 Series Tower LED Lights are remotely controlled by PLC via Ethernet (model: IT60RE) or CC-Link (model: IT60RC). In combination with M-System's remote I/O modules, local discrete signals can trigger the light modules connected only with single network cables via a remote PLC, saving a great part of parallel wiring from sensor devices to the PLC's input cards, and from the PLC's output cards to the tower light.

Application Example



Component Identification

Four-layer, five-color LED modules

Dual color

Triple-reflection system

LED

3.3 kHz buzzer sound

Power & network status indicators

Setting panel

- Operating mode DIP SW
- Light blinking frequency
- Alert sound ON/OFF frequency
- Loudness level
- Output mode at communication failure
- PC Configurator connector

Tension-clamp terminal block

60 ± 1.5 dia.

528.9 ± 4

80 ± 1.5 dia.

98 ± 1.5 dia.

model: IT60RE

unit: mm

Four-layer, Five-color LED Modules

Five colors (red, amber, green, blue and white) can be freely combined for all four light modules of 60 mm diameter, with a dual-color module at the bottom layer.

Triple-Reflection System

M-System's original triple-reflection design prevents the LED lights from wasteful diffusion and ensures effective and even lighting in obliquely downward directions.

Setting Panel

DIP switches on the side are used to select blinking frequency (2 Hz or 10 Hz), alert sound (buzz) ON/OFF frequency, loudness level and to specify either the lights should be turned off or maintained in case of communication failure.

Separable Terminal Block

Tension-clamp terminal blocks are provided at the bottom of the tower for easy wiring.

GENERAL SPECIFICATIONS

Degree of protection	IP 65, vertical mounting only (except the bottom connectors)
Connection Power input Network	Separable tension-clamp terminal RJ45 connector (IT60RE) Separable tension-clamp terminal (IT60RC)
Housing material Tower Lens	Flame-resistant resin (white) Flame-resistant resin (transparent)
DIP SW	Light's blinking frequency, buzzing ON/OFF frequency and volume level, output at communication failure
LEDs	Red, Amber, Green, Blue, White LED, continuous or intermittent (approx. 2 Hz or 10 Hz)
Status indicators	Power, Run, Link, Link100, COL (IT60RE) Power, Run, Error, SD, RD (IT60RC)
Buzzing	Approx. 3.3 kHz, continuous or intermittent (approx. 2 Hz or 10 Hz)

INSTALLATION

Power input AC DC	100-240 Vac 24 Vdc ±10% (ripple 10%p-p max.)
Operating temp	-10 to +55 °C (14 to 131 °F)
Operating humidity	30 to 90% RH (non-condensing)
Atmosphere	No corrosive gas
Mounting	Surface (vertical direction only)
Weight	1.4 kg (3.1 lbs)

Your local representative: