



## 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

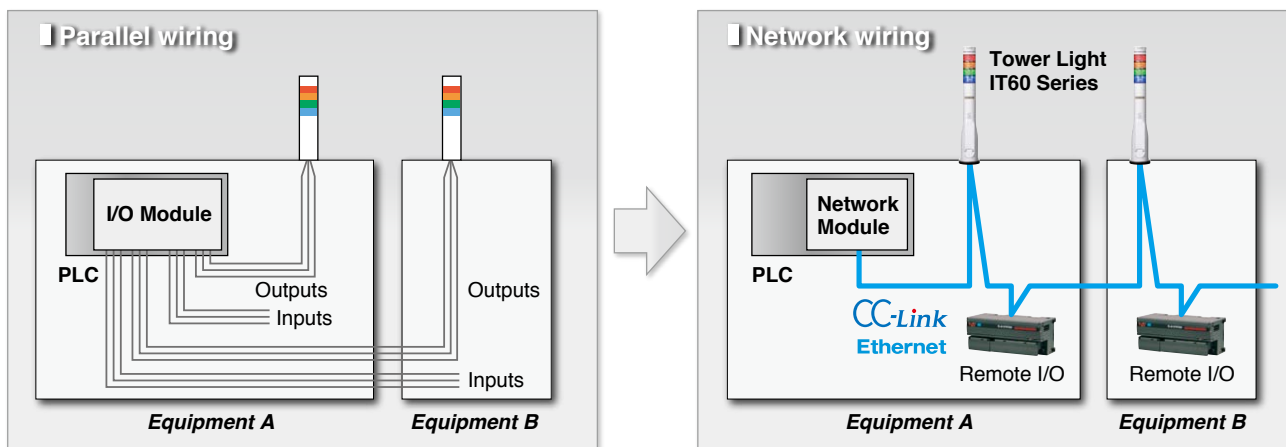


model: IT60

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**

**Triple-reflection system**

**3.3 kHz buzzer sound**

**Power & network status indicators**

**Setting panel**

**Tension-clamp terminal block**

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: