

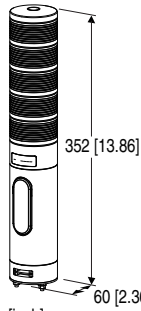
**Tower Light Series**

**EtherNet/IP TOWER LIGHT**

(small size, 60 mm dia., 1 - 5 layers)

**Functions & Features**

- Lighting, blinking and buzzing available with PLC or PC via EtherNet/IP



Lamp Layers	A
1	224 [8.82]
2	256 [10.08]
3	288 [11.34]
4	320 [12.60]
5	352 [13.86]

**MODEL: IT60SREIP-[1][2][3][4][5][6]D1-[7][8]**

**ORDERING INFORMATION**

- Code number: IT60SREIP-[1][2][3][4][5][6]D1-[7][8]  
Specify a code from below for each of [1] through [8].  
(e.g. IT60SREIP-5RYGBWD1-M2/Q)
- Specify the specification for option code /Q  
(e.g. /C01)

**[1] LAMP LAYERS**

- 1: 1 layer
- 2: 2 layers
- 3: 3 layers
- 4: 4 layers
- 5: 5 layers

**[2] LAMP 1 COLOR**

(1st layer from the top)

- R: Red
- Y: Amber
- G: Green
- B: Blue
- W: White

**[3] LAMP 2 COLOR**

(2nd layer from the top)

- R: Red
- Y: Amber
- G: Green
- B: Blue
- W: White
- N: None (not available when Lamp Layers selected are 2 - 5)

**[4] LAMP 3 COLOR**

(3rd layer from the top)

- R: Red
- Y: Amber
- G: Green
- B: Blue
- W: White
- N: None (not available when Lamp Layers selected are 3 - 5)

**[5] LAMP 4 COLOR**

(4th layer from the top)

- R: Red
- Y: Amber
- G: Green
- B: Blue
- W: White
- N: None (not available when Lamp Layers selected are 4 - 5)

**[6] LAMP 5 COLOR**

- R: Red
- Y: Amber
- G: Green
- B: Blue
- W: White
- N: None (not available when Lamp Layers selected are 5)

\* Select "None" option for the layers other than the selected.

**MOUNTING**

- D: Direct mounting

**DESIGN TYPE**

- 1: Type 1  
(refer to outline dimensions)

**[7] POWER INPUT****AC Power**

**M2:** 100 – 240 V AC (Operational voltage range 85 – 264 V, 47 – 66 Hz)

**DC Power**

**R:** 24 V DC

(Operational voltage range 24 V  $\pm$ 10 %, ripple 10 %p-p max.)

**[8] OPTIONS**

**blank:** none

**/Q:** With options (specify the specification)

**SPECIFICATIONS OF OPTION: Q****COATING (For the detail, refer to our web site.)**

**/C01:** Silicone coating

**/C02:** Polyurethane coating

**/C03:** Rubber coating

**RELATED PRODUCTS**

- LAN cable (model: ITCA)
- Mounting Pole (model: ITPL, ITB, ITP, ITW and ITS)
- Mounting Adapter (model: ITAD1, ITAM, ITAR and ITAW)
- PC configurator software (model: ITCFG)
- EDS file

The configurator software and EDS file are downloadable at our web site.

For connecting to PC, use commercially available Type-C USB cable. (provided by user)

**GENERAL SPECIFICATIONS**

**Degree of protection:** IP 65, vertical mounting only (bottom connectors excluded)

**Connection**

**Power:** UL1007 AWG20

**Network:** RJ-45 Modular Jack

**Housing material:** Flame-resistant resin

**Lens:** Flame-resistant resin (transparent)

**Isolation:** Network to power input to FE1 (Functional Earth)

**DIP SW Setting:** Frequency of lamp blinking and buzzing discontinuance, buzzing volume level, output at connection failed and so on (refer to the instruction manual)

**Lamp:** Red, amber, green, blue and white LEDs on/blinking (approx. 2 Hz, 10 Hz)

**Status indicator LED:** Power

(Refer to the instruction manual)

**Buzzing:** Approx. 3.3 kHz

**Interval:** continuous/intermittent (approx. 2 Hz, 10 Hz)

**COMMUNICATION**

**Communication Standard:** IEEE 802.3u

**Transmission:** 10BASE-T, 100BASE-TX

**Baud rate:** 10/100 Mbps (Auto Negotiation function)

**Protocol:** EtherNet/IP

**Max. number of socket connections:** 3

**Connection type:** Exclusive owner / Listen only / Input only

**Transmission media:** 10BASE-T (STP, Category 5), 100BASE-TX (STP, Category 5e)

**Network topology:** Line, star and ring

**Max. length of fieldbus segment:** 100 meters

**IP address:** 192.168.0.250 (factory setting);

Only host address in IP address is configurable via rotary switches, the other items via PC configurator software (model: ITCFG)

**DLR supported**

**Port No.:** 2222, 44818

**I/O data size:** One (1) word

**Status indicator LEDs:** MS, NS (Refer to the instruction manual for details)

**INSTALLATION****Power consumption****•AC:**

Approx. 10 VA at 100 V with max. load

Approx. 13 VA at 200 V with max. load

Approx. 14 VA at 240 V with max. load

**•DC:** Approx. 5.5 W

**Operating temperature:** -10 to +55°C (14 to 131°F)

**Operating humidity:** 30 to 90 %RH (non-condensing)

**Atmosphere:** No corrosive gas

**Mounting:** Direct mounting

**Mounting direction:** Vertical

**Weight:** 750 g (1.65 lb)

**PERFORMANCE**

**Insulation resistance:**  $\geq$  100 M $\Omega$  with 500 V DC

**Dielectric strength:** 1500 V AC @ 1 minute (network to power to FE1)

**STANDARDS & APPROVALS**

Refer to the manuals to comply with the standards.

**EU conformity:**

EMC Directive

EN 60947-5-1

Low Voltage Directive

EN 60947-5-1

Installation Category II (power)

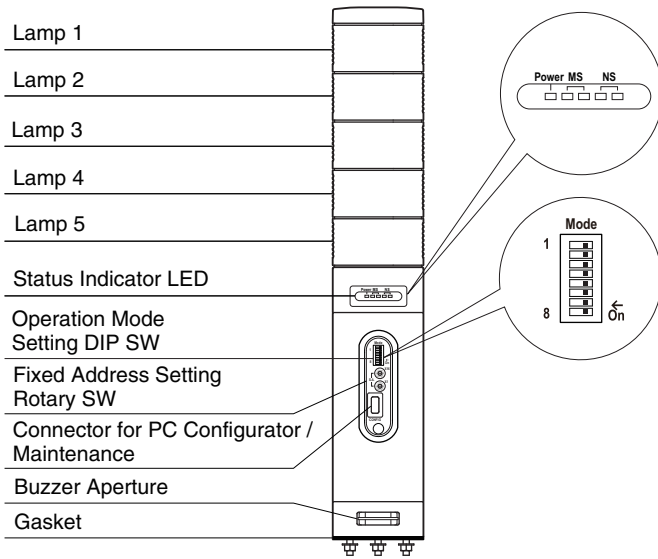
Pollution degree 2

Network to power: Reinforced insulation (300 V)

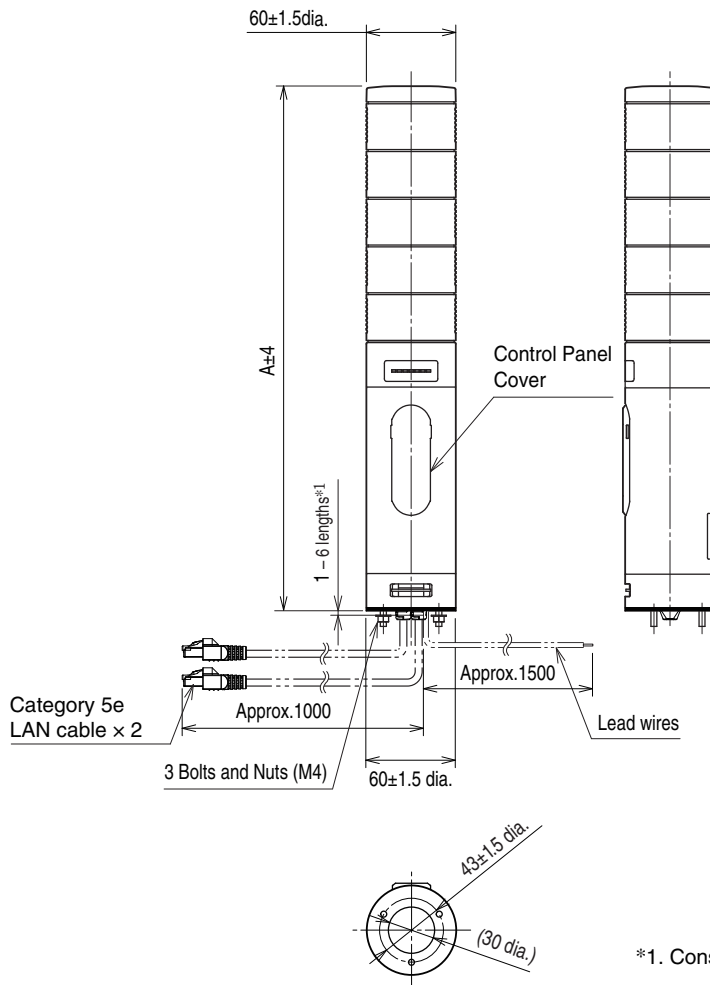
RoHS Directive

## EXTERNAL VIEW

### FRONT VIEW (When the cover is opened)



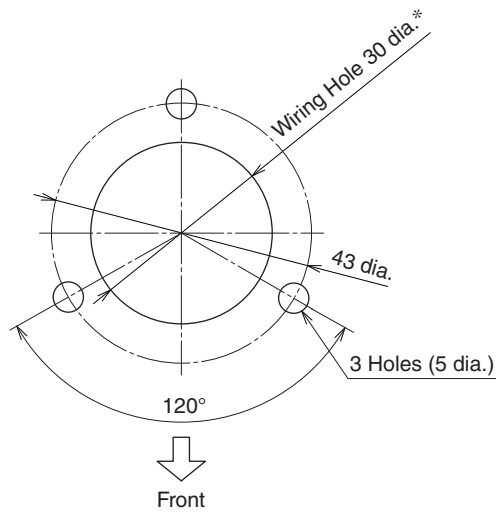
## EXTERNAL DIMENSIONS unit: mm



Lamp Layers	A
1	224
2	256
3	288
4	320
5	352

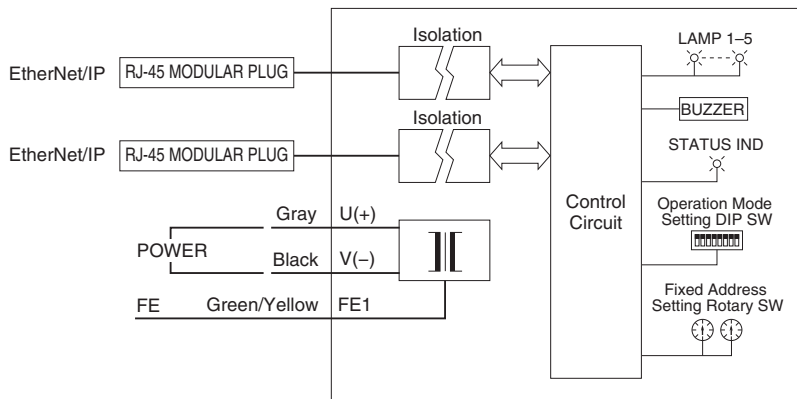
\*1. Consult us for other bolt length.

**MOUNTING REQUIREMENTS unit: mm**



\* Protect wires to prevent scratching them at the edge of the compartment.

**SCHEMATIC CIRCUITRY & CONNECTION DIAGRAM**



Specifications are subject to change without notice.