



LED User Manual

Model: y-A880ST-Q1R-xx

Electronic Data

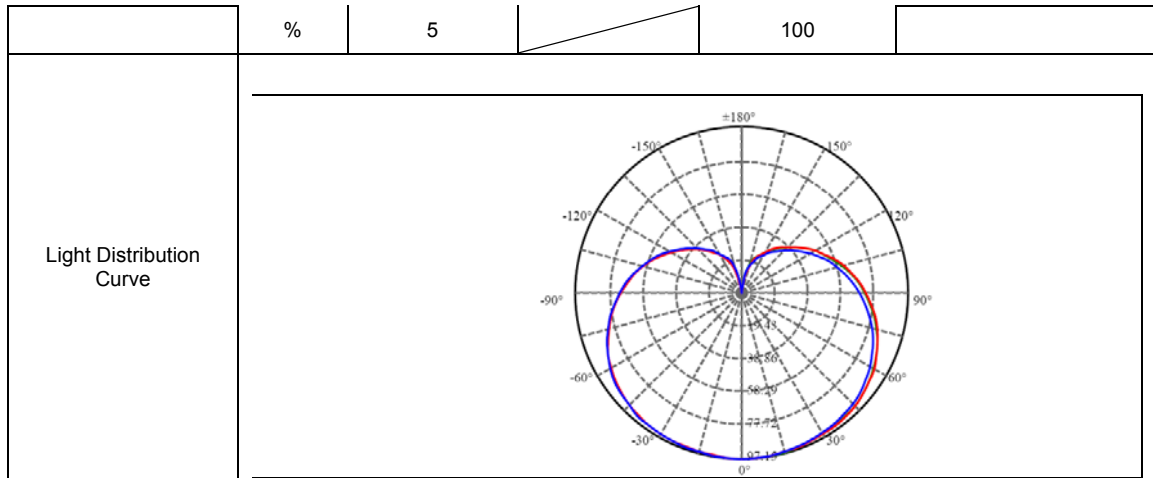
| Parameter | Units | Min. | Rated | Max. | Remark |
|----------------------|-------|------|-------|------|--------|
| Supply Voltage | V | 90 | 120 | 132 | |
| Supply Frequency | Hz | | 60 | | |
| Supply Current | mA | | 88 | | |
| Power Consumption | W | 8.5 | 9.5 | 10.5 | |
| Power Factor | - | 0.9 | | | |
| Drive output voltage | V | | 48 | | |
| Drive output current | mA | 153 | 170 | 187 | |

LED Data

| | | | | | |
|------------------|---|------|--|--|--|
| LED Model | - | 3535 | | | |
| LED Circuit Mode | - | 8S2P | | | |
| LED Vendor | - | / | | | |

Chromaticity Data

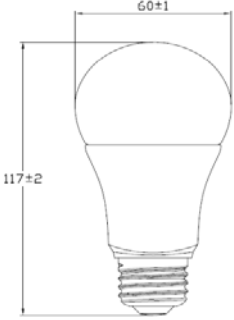
| Parameter | Units | Min. | Rated | Max. | Remark |
|---------------------------------------|-------|------|-------|------|--------------------------------|
| Luminous Flux | lm | 800 | 880 | | |
| Max Luminous Intensity | cd | | | | 94 |
| Beam Angle | ° | | | | 0.5 Imax: 240 0.1 Imax: 330 |
| Luminous Efficiency | lm/W | | 90 | | |
| CRI | - | 80 | | | |
| CCT | K | 2580 | 2725 | 2870 | |
| SCDM | - | | | | |
| Dominant Wavelength | nm | | | | |
| Dimming | % | | | | Wireless |
| Rated luminous flux in a 90°(Φ90°) | lm | | | | |
| Rated luminous flux in a 120°(Φ 120°) | lm | | | | |
| Energy Efficiency Index (EEI) | - | | | | |



| Parameter | Units | Min. | Rated | Max. | Remark |
|-----------------------------------|-------|------|-----------------|------|---|
| Standard | | | IEEE 802.15.4 | | |
| Wireless frequency | GHz | | 2.4 | | |
| Operating Frequency | | | 2.4GHz ~ 2.5GHz | | |
| Protocol | - | | ZigBee HA 1.2 | | |
| Effective Indoor Connection Range | m | | 40 | | In door direct range, no walls or other obstacles in between. |
| Wireless IC | | | NXP JN5168A | | |
| Wireless Module Part number | | | A470S-A7R-01-B | | |
| Antenna | | | PCB Antenna | | |

Operating Condition

| Parameter | Units | Min. | Rated | Max. | Remark |
|-------------------------------|-------|------|-------|------|-----------------|
| Operating Ambient Temperature | °C | -20 | 25 | 40 | |
| Rated Lamp Life | H | | 25000 | | 25°C L70,F50 |
| Starting Time | s | | 0.5 | | |
| Lamp Warm-up time to 60% Φ | s | | | | |
| Lamp Warm-up time to 95% Φ | s | | | | |

| | | |
|----------|----------------------------|---|
| Drawings | mm |  |
| | | |
| | State | Behavior description |
| 1 | Factory state | Fast 2 flashes, keep constant light (max |
| 2 | The match state | 1 flashes |
| 3 | Network status | Adjustable lighting, each power up both to maintain the brightness of Max |
| 4 | Turn off the lights action | Within 1 second down to the dark after the close |
| 5 | From the network state | 1 flashes, into the dark. And not the net, to re join the new network, you need to supply a. |
| 6 | Reset action | Fast switch 5 times, power on time maintained at between 0.5-2 seconds. The sixth time after power on a second after 2 flashes of 100ms /100ms is the most dark bright. If you want to re join the new network, you need to supply a. |

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FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.