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LT1 Series Replacement LED

LTXD-2Y

[Vertical mounting light towers, LED or incandescent illumination]



Product Specifications

| | |
|-----------------------------|----------------------------|
| Illumination Type | LED |
| Illumination Voltage | 24V AC 24V DC |
| Current Draw | 54mA |
| Life Expectancy | 100,000 hrs. min. |
| Misc. Notes | BA15D Lamp Base |
| Product Series Name | LT1 Series Replacement LED |

LT1 Specifications

Switches & Pilot Lights

Display Lights

Relays & Sockets

Timers

Terminal Blocks

Circuit Breakers

| | | | | | | | | |
|--|---|---------------------------------|--------------|--------------|---------------|--------------|-------------|-----|
| LT1A: Incandescent, Non-Flashing LT1D: Incandescent, Flashing/Non-Flashing LT1H: LED, Non-Flashing LT1K: LED, Flashing/Non-Flashing | | | | | | | | |
| Nominal Voltage | 12V AC/DC ±10% | 24V AC/DC ±10% | 120V AC ±10% | 240V AC ±10% | | | | |
| Internal Fuse Rating | 3.15A | 3.15A | 1A | 1A | | | | |
| Lamp Rating | LED | 12V AC/DC | 24V AC/DC | 120V AC | N/A | | | |
| | Incandescent | 12V, 6W | 30V, 10W | 120V, 7W | 240V, 10W | | | |
| Current Required per Lamp | LED | | Red | Green | Yellow | White | Blue | N/A |
| | | 12V DC | 54mA | 78mA | 54mA | 54mA | 78mA | |
| | | 24V DC | 54mA | 39mA | 54mA | 54mA | 39mA | |
| | | 120V AC | 30mA | 30mA | 30mA | 30mA | 30mA | |
| | Incandescent | 0.4A ±10% | 0.3A ±10% | | 0.06A ±10% | | 0.05A ±10% | |
| External Contact Capacity | 5A | 5A | 2A | 1A | | | | |
| In-Rush Current per Lamp | LED | Not applicable | | | | | | |
| | Incandescent | Below 4.0A | Below 3.0A | Below 0.6A | Below 0.5A | | | |
| Lamp Style | LED | BA15D lamp base | | | | | | |
| | Incandescent | T20 glass bulb, BA15D lamp base | | | | | | |
| Lamp Life-Span | LED | 100,000 hours (minimum) | | | | | | |
| | Incandescent | 2,000 hours (average) | | | | | | |
| Lens Colors | Red, Yellow, Green, Blue, White | | | | | | | |
| Lens Diameter | 2.20" (56mm) | | | | | | | |
| Maximum Tiers | 5 | | | | | | | |
| Degree of Protection | IP20 (for indoor use only), NEMA1 | | | | | | | |
| Flash Rate | LED: 45/minute ±10% (LT1K only) Incandescent: 80/minute ±10% (LT1D only) | | | | | | | |
| Insulation Resistance | More than 3MΩ by a DC 500V megger | | | | | | | |
| Voltage Resistance | 1,500V AC for 1 minute | | | | | | | |
| Operating Range | -30 to +40°C (LT1A), -10 to +40°C (LT1D), 15 to 90% relative humidity | | | | | | | |
| Vibration Resistance | 2.2G maximum | | | | | | | |
| Mounting | Base mount (three stud) Pole mount (horizontal or vertical surface) NPT mount (via adaptor) to 1/2" or 3/4" NPT conduit Install in an upright position | | | | | | | |
| Optional Pole Height | 10.75" (273mm) | | | | | | | |
| Approvals |  File #E70646 | | | | | | | |
| Wire Size | Non-flashing (steady): 20 AWG Flashing: 18 AWG and 20 AWG | | | | | | | |

LT1 Accessories

Part Numbers: Accessories

| Description | Part No. | Remarks |
|--|-----------------------|--|
| LED Lamp  | LTXD-1 [Ⓢ] | 12V AC/DC See chart for available colors |
| | LTXD-2 [Ⓢ] | 24V AC/DC See chart for available colors |
| | LTXD-120 [Ⓢ] | 120V AC See chart for available colors |
| Incandescent Lamp  | B5-21 | 12V AC/DC, 6W |
| | B5-31 | 30V, 10W (for use with 24V AC/DC) |
| | B5-1 | 120V AC, 7W |
| | B5-4 | 240V AC, 10W |
| Lens  | LT1X-08 [Ⓢ] | See chart for available colors |
| Top Cap  | LT1X-06 | Clear polycarbonate |
| Mounting Pole  | LT1Z-10 | Chrome-plated steel supplied with "L" bracket and two M22 x 1.5 hexagonal nuts |
| Pole Mounting Fixture  | LT1Z-11 | Aluminum fixture for mounting pole-mounted units to horizontal surface; not included with assembled Signalight units |
| NPT Pole Adaptors  | LT1Z-NPT50 | 1/2" NPT pole adapter; not included with assembled Signalight units |
| | LT1Z-NPT75 | 3/4" NPT pole adapter; not included with assembled Signalight units |

Ⓢ Lens/LED Color Code

| Color | Code |
|--------|------|
| Green | G |
| Red | R |
| Blue | S |
| White | W |
| Yellow | Y |

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 In place of Ⓢ specify lens/LED color code from chart at right.