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## LT1 Series Replacement LED

### LTXD-2R

[Vertical mounting light towers, LED or incandescent illumination]



#### Product Specifications

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

LT1 Specifications

Switches & Pilot Lights


Display Lights

Relays & Sockets

Timers

Terminal Blocks

Circuit Breakers

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

LT1 Accessories

Part Numbers: Accessories

Description	Part No.	Remarks
LED Lamp 	LTXD-1 <sup>Ⓢ</sup>	12V AC/DC See chart for available colors
	LTXD-2 <sup>Ⓢ</sup>	24V AC/DC See chart for available colors
	LTXD-120 <sup>Ⓢ</sup>	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 <sup>Ⓢ</sup>	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

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