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LT1 Series Replacement LED

LTXD-2G

[Vertical mounting light towers, LED or incandescent illumination]



Product Specifications

Illumination Type	LED
Illumination Voltage	24V AC 24V DC
Current Draw	39mA
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.