

Home > Products >

LT1 Series Replacement LED

LTxD-2W

[Vertical mounting light towers, LED or incandescent illumination]



Product Specifications

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

LT1 Specifications

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	12V DC	Red 54mA	Green 78mA	Yellow 54mA	White 54mA	Blue 78mA	N/A	
		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-1②	12V AC/DC See chart for available colors
	LTXD-2②	24V AC/DC See chart for available colors
	LTXD-120②	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-08②	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

② Lens/LED Color Code

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



 In place of ② specify lens/LED color code from chart at right.