

LED T8 INSTAlite DLC

15W/17W

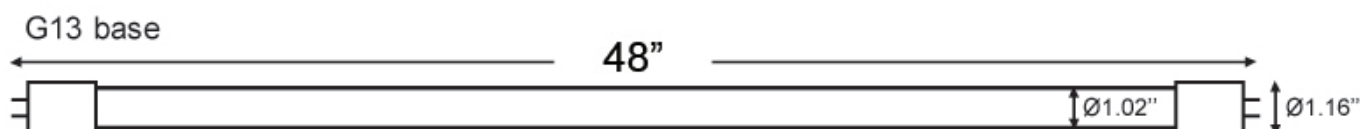
Features

- UL Type A
- Energy saving up to 46% compare to F32T8 system
- No mercury and hazardous substances
- Perfect retrofit traditional lamps for INSTANT START ballast circuit
- No rewiring cost
- DLC certified
- Color Rendering Index: ≥ 80



Diagrams

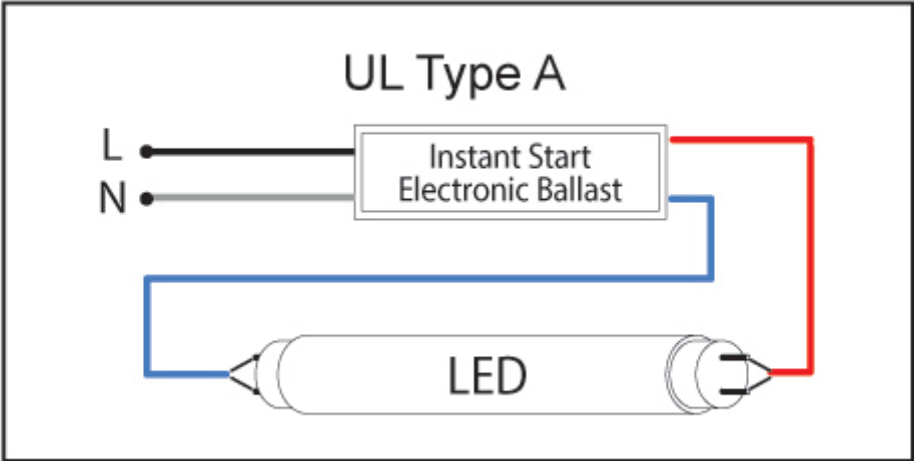
Dimensions:



Prosperity Lamps & Components Ltd.

Tel: (852) 2511 0022 Fax: (852) 2511 0082 Web: www.prosperitylamps.com Email: info@prosperitylamps.com

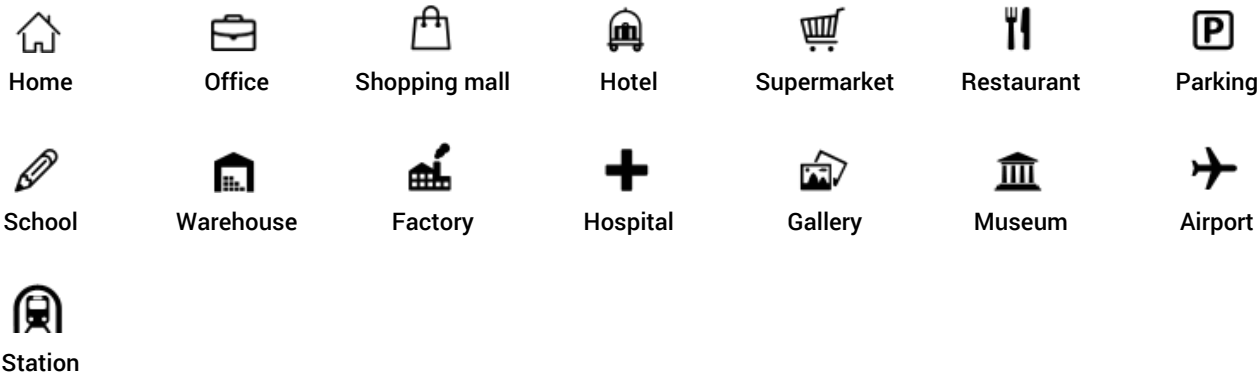
Circuit:



Standards



Applications



Technical Data	
Electrical	
Rated Wattage [W]	15W / 17W
Rated Voltage [V/Hz]	110-277V, 50/60Hz
Power Factor @120V	0.99
Input Current [mA] @120V	126 / 143
LED	SMD 2835
Model	

LED F15T8/8XX/G/NA/IS	15W
LED F17T8/8XX/G/NA/IS	17W
Luminous Flux [lm]	
15W	1750lm @3000K
	1750lm @3500K
	1850lm @4000K
	1850lm @5000K
17W	2000lm @3000K
	2000lm @3500K
	2100lm @4000K
	2100lm @5000K
Performance	
SDCM	<6
Estimated Yearly Energy Cost [\$USD]	1.81 / 2.05
Luminous Efficacy [lm/W]	117-124
Color Rendering Index [Ra]	≥80
Color Maintenance [hr]	>6000
Luminous Intensity Distribution [°]	280
Life [Yrs] (based on 3hrs/day)	37
Lumen Maintenance at 6000hrs	>0.8
Rapid Cycle Stress	>15,000 cycles
Start Time [sec]	<0.5
LED Failure	<5%
Ballast Factor	0.88
Mechanical	
Diameter D [in]	Φ1.16
Length L [in]	48 / 48
Material	Glass
Standard Compliance	
ANSI	UL8750, UL1993, UL1598, C82.77-2002, C78.377-2008
FCC	FCC CFR Part 15, FCC CFR Part 18
Mercury Content [mg]	0.0
Other	
Dimmable [Y/N]	N
Operation Temperature	-20°C ~ 50°C
Storage Temperature	-10°C ~ 30°C
Warranty [Yrs]	2