



**GREENSTONE (USA), INC.**  
 971 Corporate Way, Fremont, CA 94539, USA  
 Toll Free: 877-206-5021, Fax: (510) 683-9313  
 jamal@greenstoneusa.com, john@greenstoneusa.com  
 www.greenstoneusa.com

# LED T8 tube

## Ballast Fully Compatible



### Model Number:

### GS-T8-18W1200 BIXF

### Performance Summary:

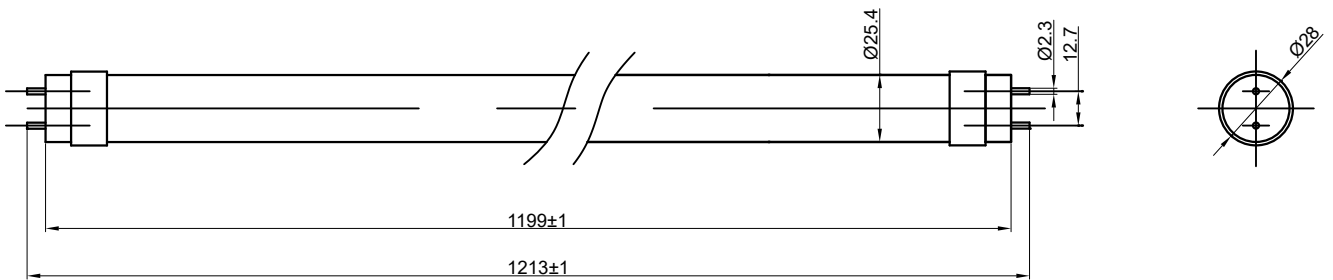
Directly replace fluorescent 4ft T8-plug and play, no rewiring Fully compatible with most of magnetic ballast or electronics ballast DirFully functional by-passing existing ballast in the circuit 4ft,18W, lumen efficacy of 110~120lm/W, 50% energy saving .  
 CRI:Ra>80,  
 THD<20  
 DLC Certified  
 5 year Warranty.



### Ordering Information:

Model Number	Description	Lumen Efficacy	Length	Input Voltage	Watts	Lumens	Certificates
GS-T8-18W1200 BIXF	18W,T8 tube,4ft, non-dim. ballast compatible, instant fit, no re-wiring	110-120 lm/W	4ft	100-277V AC (cover 100-120V AC)	18	2,160lm	DLC

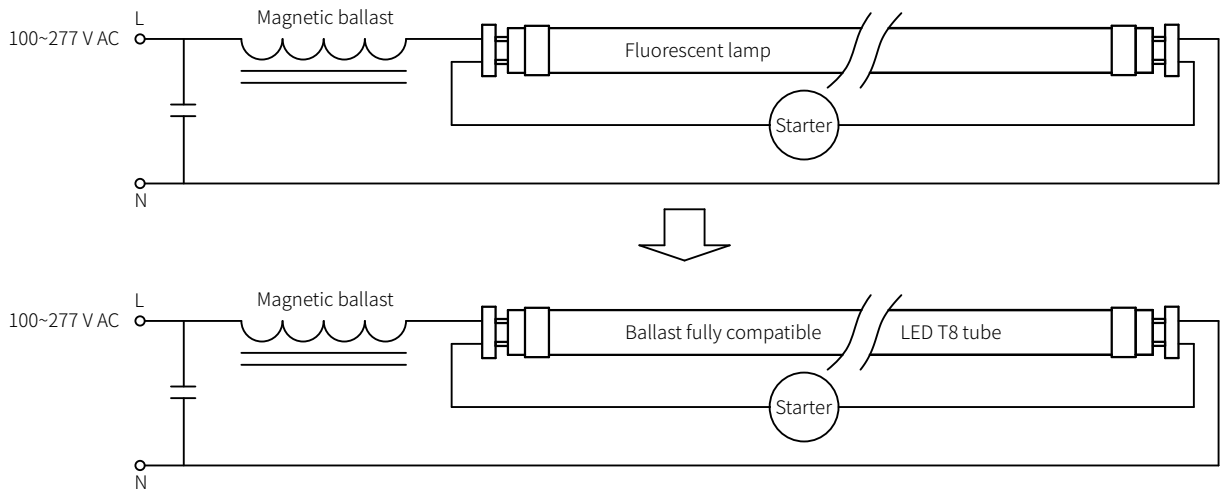
### Drawing:



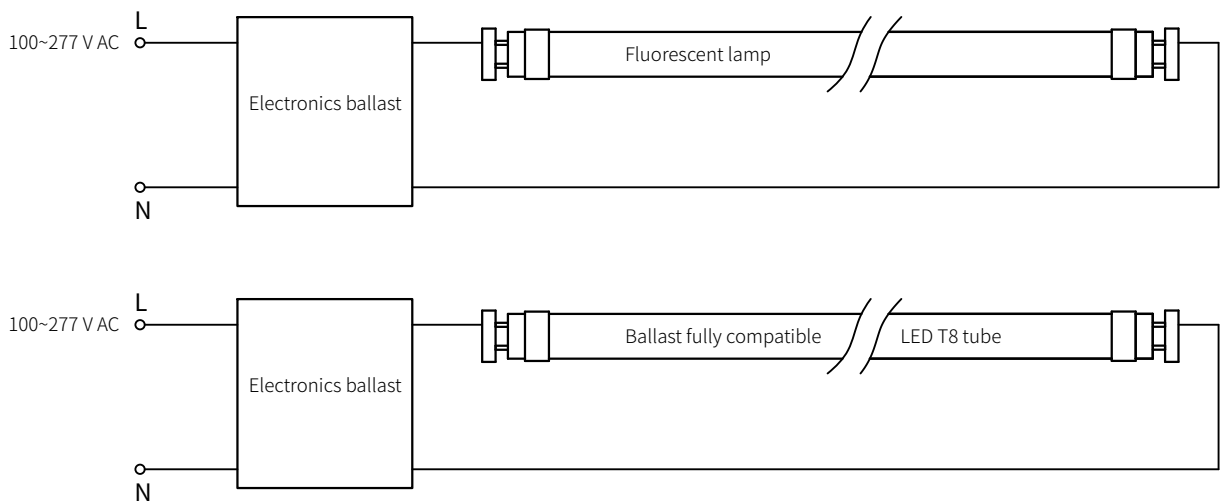


### Installation Diagrams:

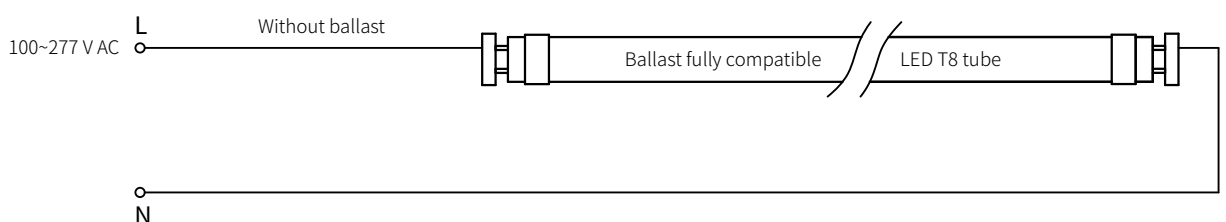
#### Scenario 1: Magnetic Ballast Circuit



#### Scenario 2: Electronics Ballast Circuit



#### Scenario 3: By pass existing ballast in the circuit





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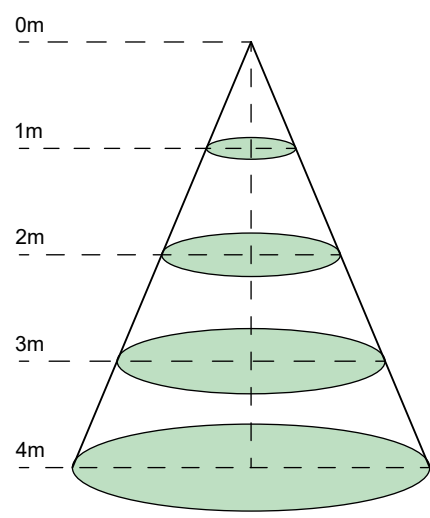


### Features:

LED type: 120 pcs SMD2835  
 Luminous Efficacy : 110~120lm/W  
 Power: 18W(rated), ±0.5W (actual)  
 Power Factor: >0.95  
 THD: <20  
 Lens Option: Frosted, Clear  
 Color Temperature: 3000K ,4000K, 5000K  
 CRI:Ra>80  
 Connectors: G13

Beam Angle: 150 degree  
 Net Weight: 0.7LBs  
 Instant on, no flicker or buzz  
 Directly replace fluorescent 4ft T8-plug and play, no rewiring  
 Fully compatible with most of magnetic ballast or electronics ballast  
 Fully functional by-passing existing ballast in the circuit  
 Warranty: 5 years  
 Certificate: DLC

### Lux Chart:



Model Number	Height	Average Lux (lx)	Light range (dia.)
GS-T8-18W1200 BIXF	1m	450	273cm
GS-T8-18W1200 BIXF	2m	112	546cm
GS-T8-18W1200 BIXF	3m	50	819cm
GS-T8-18W1200 BIXF	4m	28	1092cm



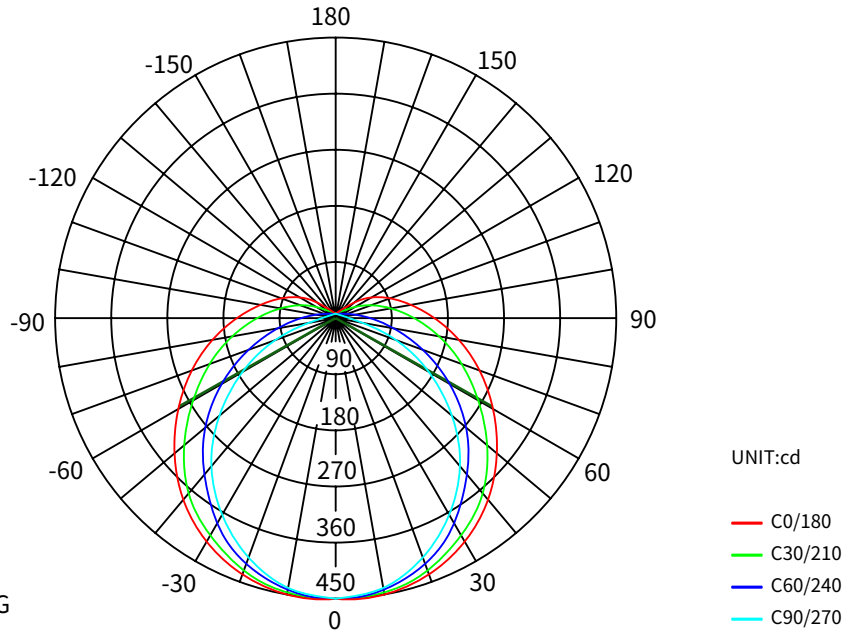
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### Photometrics:



GS-T8-18W1200 BIXF  
 Average Beam Angle(50%):121.1 DEG

### Packaging:

Dimension	Carton size	G.W/Carton	Quantity
4ft	49"x8.6"x9.8"	22.5 lbs	30pcs

