

LED Tube Light T8



PHOTO

Highlights:

- High performance lens producing uniform distributed illumination
- High performance Isolated driver
- Lens type: frosted/ clear
- End cap type: plastic/ aluminum
- Wiring: one end power / double ends power
- Installation: with ballast and starter removed

Item Number	BL-T8-60-11W-A	BL-T8-90-15W-A	BL-T8-120-22W-A	BL-T8-150-28W-A
Voltage	90~140V AC 180~265V AC	90~140V AC 180~265V AC	90~140V AC 180~265V AC	90~140V AC 180~265V AC
Lumens	WW: 770lm CW: 920lm	WW: 1,140lm CW: 1,430lm	WW: 1,720lm CW: 2,140lm	WW: 2,160lm CW: 2,680lm
Dimension	Ø26x600mm	Ø26x900mm	Ø26x1,200mm	Ø26x1,200mm
Weight	350g	500g	700g	900g
LED Type/ QTY	SMD 3014/ 108pcs	SMD 3014/ 156pcs	SMD 3014/ 228pcs	SMD 3014/ 312pcs
Power Consumption	11.0W	15.0W	22.0W	28.0W
Tube Material	PC+Aluminum	PC+Aluminum	PC+Aluminum	PC+Aluminum
Lense Option	Frosted/ Transparent/ Striated	Frosted/ Transparent/ Striated	Frosted/ Transparent/ Striated	Frosted/ Transparent/ Striated

General Specs:

CCT: 2,500~7,000K, 85~265V AC, CRI:Ra>80, Beam Angle: 150 degree.

Specification for BL-T8-1200mm-22W



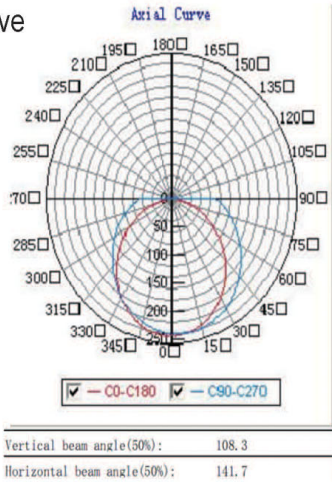
Electrician Parameter

item	symbol	Min.	Type	Max.	Unit
Input					
input voltage	V _{in}	100	120/220	265	V AC
frequency	f _{in}	47	60/50	63	HZ
input current	I _{in}	80	170/95	210	mA
input power	P _{in_max}	20	20.5/20.3	22	W
power Factor	PF	0.9	0.98/0.95	0.99	λ
Output					
constant voltage output	V _{out_cv}	35	38.5	42	V DC
constant current output	I _{out_cc}	465	475	485	mA
continuous power output	P _{out}	16.5	18	20	W
current for single LED	I _{out_cc}	20	25	30	mA
Efficiency	η	85	87	90	%
Operate ambience					
Temperature	T _{amb}	4°F (-20 °C)		122°F (60°C)	°C

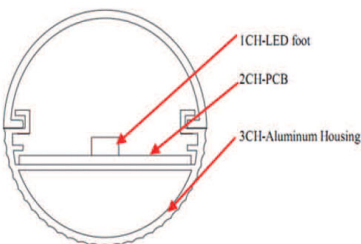
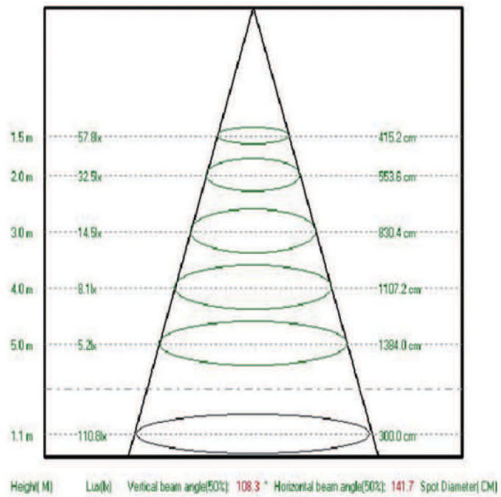
Optoelectronic Parameter

data item	Color (K)	Lumens (Lm)		Efficiency LM/W		Lux at 1.5m (Lux)		Light intensity (cd)		Width for light spot in 1.5 length (CM)		Beam Angle (°)		
		Min	Ave	Min	Ave	Min	Ave	Min	Ave	Min	Ave	Min	Ave	Max
BL-T8-1200-22W BIN:65GP4	5000-7000	1980	2140	80	90	50	60	160	180	400	420	120	130	140
BL-T8-1200-22W BIN:30GF3	2700-3500	1580	1720	70	75	50	60	160	180	400	420	120	130	140

Axial Curve



Lux Chart



Temperating Rising Tests

Test sensor number	test point	Results (°C/°F)
1CH	LED mounting foot	60
2CH	PCB	50
3CH	Housing	48
4CH	Ambience Temp	34

Conditions: power the lamp with voltage 220V ac, data measured after 4 hours.