

T8 Nano LED Tube Specifications

Description:

Lamp Type: Linear
Bulb Type: T8 LED
Base Type: G13 (Medium Bi-Pin)
Wattage: 9W, 18W, 22W
Color Temperature: 3000-6500K
Color Rendering Index (CRI): >83
Warranty: 3 Years



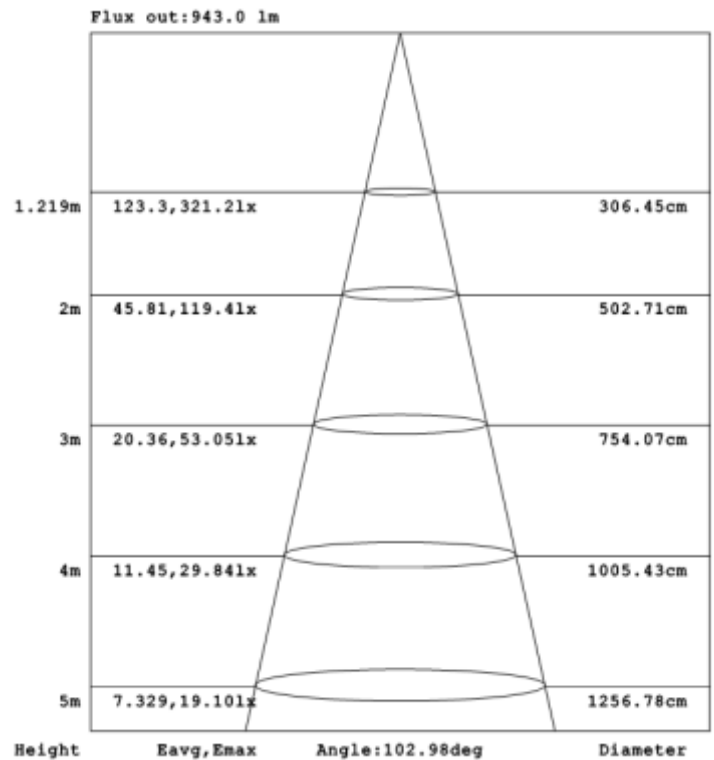
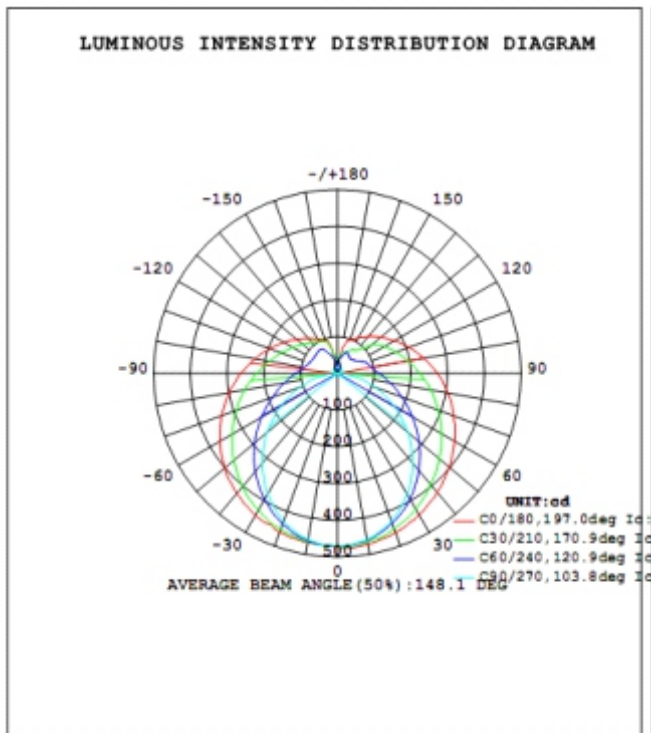
Features:

- Replacement for conventional fluorescent lamp
- 30,000+ Hour life time approx, 40% more energy efficient than standard F32T8 lamps
- Environmentally friendly: No mercury used
- Instant startup
- Frosted lens eliminates pixelation
- Operating temperature: -20°C/-4°F to 45°C/113°F
- Integral driver (Isolated), eliminates the need for external driver or ballast
- 120+ Lumens per watt
- Improved lamp durability with shatterproof coated glass, designed to pass drop tests of 6' on hard surface
- ETL sanitation listed NSF/ANSI standard 2 - food equipment, splash zone (not for direct food zone without additional fixture considerations)

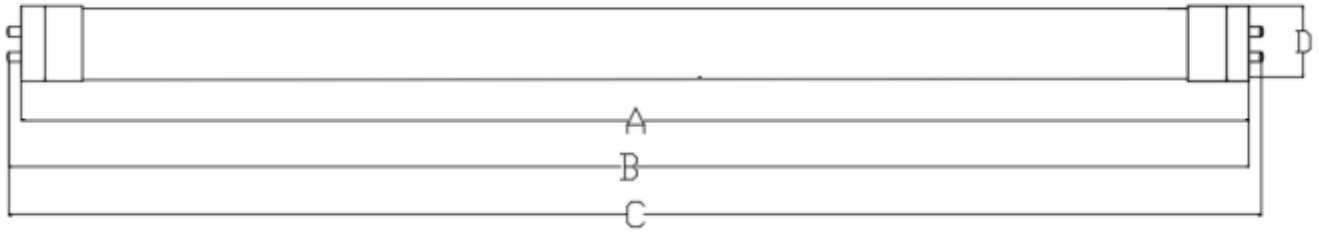
Electrical And Performance Specifications:

Catalog Number	Input Voltage	Power Consumption	Color Temperature	Luminous Flux	Efficacy	Beam Angle	Power Factor
TCA048W09S220DS01	100-277V	9W	3000-6500K	1000lm	110 lm/W	150°	>0.9
THA096W18S220DS01	100-277V	18W	3000-6500K	2160lm	120lm/W	150°	>0.9
TIA120W22S220DS01	100-277V	22W	3000-6500K	2640lm	120lm/W	150°	>0.9

Photometric Specifications:



Dimensions:



Model	Length	A	B	C	D	Lamp Holder Type
TCA048W09S220DS01	600	588	595.5	603	28	G13
THA096W18S220DS01	1200	1198	1205.5	1213	28	G13
TIA120W22S220DS01	1500	1498	1505.5	1513	28	G13

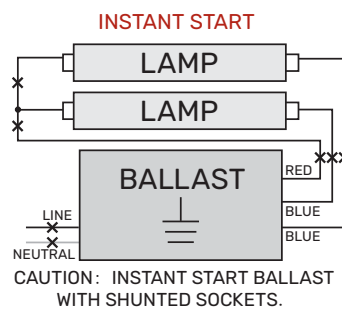
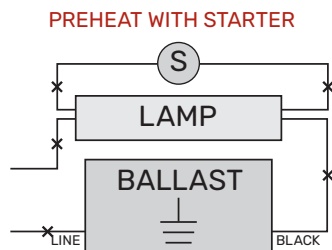
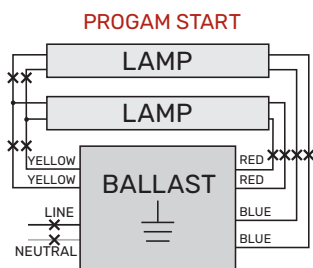
Remark:

1. Unit :mm
2. Different tube lengths can be customized according to customer requirements

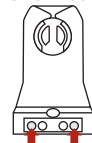
Wiring Diagrams:

1. Cut all existing connections to ballast as shown below and remove ballast.

Typical Ballast Configurations:



Typical Non-Shunted Lamp Holder



Connect wires directly to these terminals

CAUTION:
Use only non-shunted lampholders.

Do not install product in a fixture with shunted lamp holders (found in install fixtures using instant start ballasts).
If the current lamp holders are shunted, remove them and replace them with non-shunted lamp holders. Make new connections directly to terminals as indicated above.
SignliteLED can provide any style replacement lamp holders.

