



PRODUCT DESCRIPTION

The ALPHA NANO EXTERNAL TUBE can dramatically reduce energy usage up to 70% providing significantly lower operating costs. The special circuit design avoids the single broken LED influence problem. Utilizes high efficiency class 2 constant current driver. One driver for 1, 2, 3 or 4 LED tubes available.

Our ALPHA NANO EXTERNAL TUBES are backed with our industry-leading 100,000-hour rated lamp life and 5 to 10 year warranty. Contact us for pricing or more information.

PRODUCT SPECIFICATION

FEATURES

- External Class 2 Driver System
- Minimize labor and recycling costs
- Stable lumen output
- Mercury free and virtually no UV or IR light
- Comes in dimmable and non-dimmable
- Soft and wide light emitting
- Special circuit design, avoiding the single broken LED influence problem
- Rated Life: 100,000 hrs
- Limited Warranty: 5-10 YRS

TECHNICAL DATA

1. CCT: 3000K-5000K
2. Beam Angle: 180°/320°(NANO)
3. Color Rendering Index (CRI): >80
4. Operation Temperature: -20°C to 50°C
5. Lumen efficiency: 140LPW
6. Universal voltage: 120V-277V applications
7. High power factor: .90
8. Rated Life: 100,000 hrs
9. LED: SMD 2835 chips
10. Housing: Aluminum/PC or NANO All Plastic Lens



NANO EXTERNAL TUBE

Clear/Frosted/NANO, UL Type C

PRODUCT SPECIFICATION

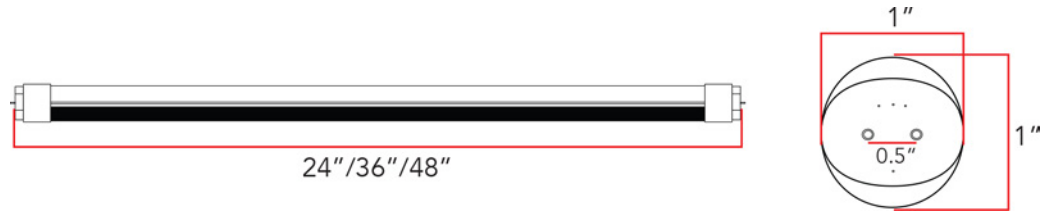
Product No.	Wattage (W)	Housing	Input Voltage	Color Temp (K)	Rated Lumens	Rated Efficacy (LPW)	CRI	Beam Angle	Rated Life (Hours)	Operating Temp. (°F)	Driver
2FT NANO EXTERNAL TUBE											
AL-T8POLT2-10W	10	NANO PLASTIC	120V -277V, 50/60 Hz	3500K, 4000K, 5000K	1300	140	>80	180°, 320° (NANO)	100,000	-20°C to 50°C	External
3FT NANO EXTERNAL TUBE											
AL-T8POLT3-10W	10	NANO PLASTIC	120V -277V, 50/60 Hz	3500K, 4000K, 5000K	1300	140	>80	180°, 320° (NANO)	100,000	-20°C to 50°C	External
4FT NANO EXTERNAL TUBE											
AL-T8POLT4-10W	10	NANO PLASTIC	120V -277V, 50/60 Hz	3500K, 4000K, 5000K	1300	140	>80	180°, 320° (NANO)	100,000	-20°C to 50°C	External
AL-T8POLT4-12W	12	NANO PLASTIC	120V -277V, 50/60 Hz	3500K, 4000K, 5000K	1650	140	>80	180°, 320° (NANO)	100,000	-20°C to 50°C	External
AL-T8POLT4-15W	15	NANO PLASTIC	120V -277V, 50/60 Hz	3500K, 4000K, 5000K	1950	140	>80	180°, 320° (NANO)	100,000	-20°C to 50°C	External
AL-T8POLT4-18W	18	NANO PLASTIC	120V -277V, 50/60 Hz	3500K, 4000K, 5000K	2340	140	>80	180°, 320° (NANO)	100,000	-20°C to 50°C	External
AL-T8POLT4-20W	20	NANO PLASTIC	120V -277V, 50/60 Hz	3500K, 4000K, 5000K	2750	140	>80	180°, 320° (NANO)	100,000	-20°C to 50°C	External
AL-T8POLT4-22W	22	NANO PLASTIC	120V -277V, 50/60 Hz	3500K, 4000K, 5000K	3000	140	>80	180°, 320° (NANO)	100,000	-20°C to 50°C	External

PHYSICAL DATA

Product No.	Housing	Lens	Environment	Material Usage	Certification	Packing/carton	Weight/carton
AL-T8POLT2-10W	Nano Plastic	Clear, Frosted	Dry & Damp	RoHS Compliant; no mercury	UL,NSF,DLC V4.2 and Lighting Facts	66×22×25 42PCS	0.040CBM//7.2KG
AL-T8POLT3-10W	Nano Plastic	Clear, Frosted	Dry & Damp	RoHS Compliant; no mercury	UL,NSF,DLC V4.2 and Lighting Facts	95×22×25 42PCS	0.052CBM//8.5KG
AL-T8POLT4-10W	Nano Plastic	Clear, Frosted	Dry & Damp	RoHS Compliant; no mercury	UL,NSF,DLC V4.2 and Lighting Facts	126×22×25 42PCS	0.069CBM//10.2KG
AL-T8POLT4-12W	Nano Plastic	Clear, Frosted	Dry & Damp	RoHS Compliant; no mercury	UL,NSF,DLC V4.2 and Lighting Facts	126×22×25 42PCS	0.069CBM//10.2KG
AL-T8POLT4-15W	Nano Plastic	Clear, Frosted	Dry & Damp	RoHS Compliant; no mercury	UL,NSF,DLC V4.2 and Lighting Facts	126×22×25 42PCS	0.069CBM//10.2KG
AL-T8POLT4-18W	Nano Plastic	Clear, Frosted	Dry & Damp	RoHS Compliant; no mercury	UL,NSF,DLC V4.2 and Lighting Facts	126×22×25 42PCS	0.069CBM//10.2KG
AL-T8POLT4-20W	Nano Plastic	Clear, Frosted	Dry & Damp	RoHS Compliant; no mercury	UL,NSF,DLC V4.2 and Lighting Facts	126×22×25 42PCS	0.069CBM//10.2KG
AL-T8POLT4-20W	Nano Plastic	Clear, Frosted	Dry & Damp	RoHS Compliant; no mercury	UL,NSF,DLC V4.2 and Lighting Facts	126×22×25 42PCS	0.069CBM//10.2KG



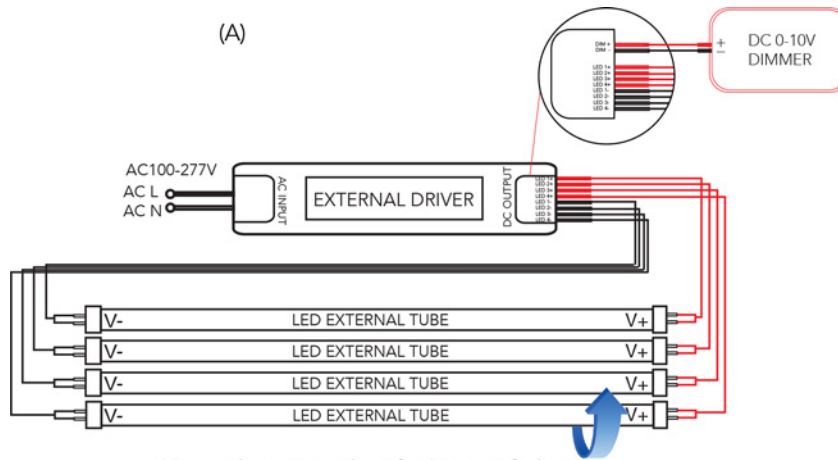
DIMENSIONS



INSTALLATION

Direct Replacement Procedure:

1. Turn OFF power to the fixture at the breaker panel before installation.
2. Open the diuser from the light fixture.
3. Remove the fluorescent tubes and dispose of these properly as they may contain mercury.
4. Make the new wire connection (A) to the branch circuit and.
5. Install the LED tubes ensure the pins are firmly seated in lamp holders and close the diuser.
6. Switch ON power to the fixture at the breaker panel.



* Image shown is one driver for 4 pieces of tubes