



Aeon Lighting Technology Inc.



Pursuit of perfection environmental purity.



High Power LED Lighting Solutions

www.aeonlighting.com

2014 ver 01 (CHIPSET LUMINOUS FLUX)



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ISO 9001

Two Million US Dollars Product Liability Insurance
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ver 01 (CHIPSET LUMINOUS FLUX) Mar.



Completely adaptable to any public spaces, ALT's Orion T8 is a truly revolutionary product. It converts the inefficient traditional fluorescents to energy-saving, long lasting, and mercury free LED system. Ideal for Main Indoor Lighting, Orion T8 Series, available in 2-feet, 4-feet, and 5-feet versions, can be used in classrooms, offices, hospitals, supermarkets, general warehouses, and others.

Tested locally by ALT's engineers, all Orion T8 products are approved by the most important safety certification organizations in the world. It comes with a 3-year warranty and 2 million US dollars product liability insurance, and is rated up to 50,000 hours of use.



FEATURES

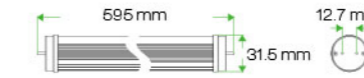
- Has been designed where there is no danger of getting shocked during installation.
- ALT LED T8 tube can directly replace traditional fluorescent T8 tube (Removing starter is necessary)
- Industry leading heat fin design endorses excellent heat management.
- NO UV, no radiation, no infra-red, no mercury or toxic materials used.

APPLICATIONS

- Shopping Mall Lighting.
- Office Lighting.
- Super market Lighting.
- Residential Lighting.

T8 Tube - V1 series

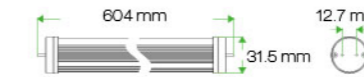
T01 (2-feet) Compliant with Asian specifications



Base	G13
Working Voltage	100 - 240V AC
Weight	15.9 oz. (450 g)
Operating Temp	-20°C to +50°C
Lumen Maintenance	50,000 hours
Warranty	3 Years Limited

T8 Tube - V1 series

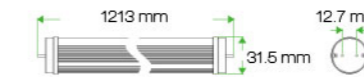
T02 (2-feet) Compliant with European specifications



Base	G13
Working Voltage	100 - 240V AC
Weight	15.9 oz. (450 g)
Operating Temp	-20°C to +50°C
Lumen Maintenance	50,000 hours
Warranty	3 Years Limited

T8 Tube - V1 series

T03 (4-feet)

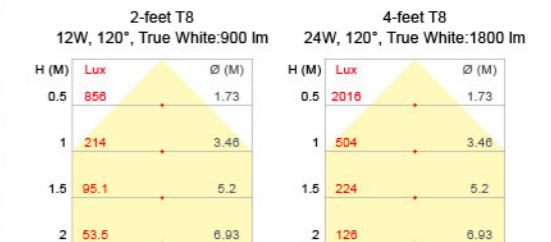


Base	G13
Working Voltage	100 - 240V AC
Weight	33.6 oz. (950 g)
Operating Temp	-20°C to +50°C
Lumen Maintenance	50,000 hours
Warranty	3 Years Limited

CHIPSET LUMINOUS FLUX

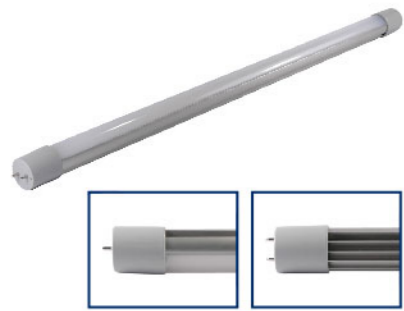
All Chipset Luminous Flux Data are Indicated in Max Values

Chipsets	EPISTAR		
	T01 (2-feet)	T02 (2-feet)	T03 (4-feet)
Type	T01 (2-feet)	T02 (2-feet)	T03 (4-feet)
Power Consumption	12 Watts	12 Watts	24 Watts
True White	CRI 70	900 lm	900 lm
Warm White	CRI 70	720 lm	720 lm
		900 lm	1800 lm



BEAM ANGLE





T8 Tube - V2 / V3 series
T01 (2-foot) Compliant with Asian specifications



CEFC **RoHS** **LVD** **Intertek**
Compliant Compliant Compliant 3186663

Base G13
Weight V2: 8.9 oz. (230 g)
Weight V3: 6.4 oz. (180 g)
Working Voltage 100 - 240V AC
Operating Temp -65°C to +40°C
Lifespan 50,000 hours
Warranty 3 Years Limited
Driver (1) double-end input
(2) single-end input

T8 Tube - V2 / V3 series
T02 (2-foot) Compliant with European specifications



CEFC **RoHS** **LVD** **Intertek**
Compliant Compliant Compliant 3186663

Base G13
Weight V2: 8.9 oz. (230 g)
Weight V3: 6.4 oz. (180 g)
Working Voltage 100 - 240V AC
Operating Temp -65°C to +40°C
Lifespan 50,000 hours
Warranty 3 Years Limited
Driver (1) double-end input
(2) single-end input

T8 Tube - V2 / V3 series
T03 (4-foot)



CEFC **RoHS** **LVD** **Intertek**
Compliant Compliant Compliant 3186663

Base G13
Weight V2: 17.7 oz. (460 g)
Weight V3: 12.8 oz. (360 g)
Working Voltage 100 - 240V AC
Operating Temp -65°C to +40°C
Lifespan 50,000 hours
Warranty 3 Years Limited
Driver (1) double-end input
(2) single-end input

T8 Tube - V2 / V3 series
T04 (5-foot)



CEFC **RoHS** **LVD** **Intertek**
Compliant Compliant Compliant 3186663

Base G13
Weight V2: 26.5 oz. (645 g)
Weight V3: 16 oz. (450 g)
Working Voltage 100 - 240V AC
Operating Temp -65°C to +40°C
Lifespan 50,000 hours
Warranty 3 Years Limited
Driver (1) double-end input
(2) single-end input



T8 Tube with T5 Base - V2 / V3 series
T01 (2-foot) Compliant with Asian specifications



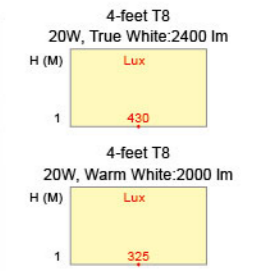
CEFC **RoHS** **LVD** **Intertek**
Compliant Compliant Compliant 3186663

Base G5
Weight V2: 8.9 oz. (230 g)
Weight V3: 6.4 oz. (180 g)
Power Consumption 8 Watts
Working Voltage 100 - 240V AC
Operating Temp -65°C to +40°C
Lifespan 50,000 hours
Warranty 3 Years Limited
Driver (1) double-end input
(2) single-end input

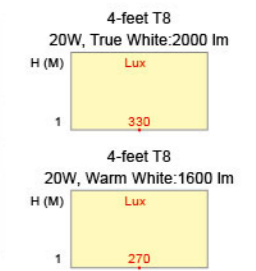
CHIPSET LUMINOUS FLUX

All Chipset Luminous Flux Data are indicated in max values

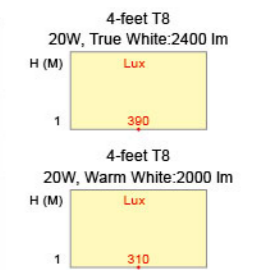
Chipsets		CREE LED _s CLA1B				
Type		T01 / T02 (2-foot)		T03 (4-foot)	T04 (5-foot)	
Power Consumption		8 Watts	10 Watts	16 Watts	20 Watts	20 Watts
True White	CRI 75	1000 lm	1200 lm	2000 lm	2400 lm	2400 lm
Natural White	CRI 80	900 lm	1100 lm	1800 lm	2200 lm	2200 lm
Warm White	CRI 80	800 lm	1000 lm	1600 lm	2000 lm	2000 lm



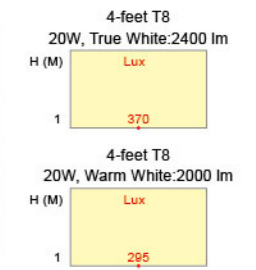
Chipsets		CREE LED _s CLA1A			
Type		T01 / T02 (2-foot)		T03 (4-foot)	
Power Consumption		8 Watts	10 Watts	16 Watts	20 Watts
True White	CRI 80	800 lm	1000 lm	1600 lm	2000 lm
Warm White	CRI 80	700 lm	800 lm	1400 lm	1600 lm



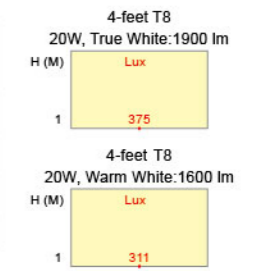
Chipsets		OSRAM Duris E3 LED				
Type		T01 / T02 (2-foot)		T03 (4-foot)	T04 (5-foot)	
Power Consumption		8 Watts	10 Watts	16 Watts	20 Watts	20 Watts
True White	CRI 80	950 lm	1200 lm	1900 lm	2400 lm	2400 lm
Natural White	CRI 80	900 lm	1100 lm	1800 lm	2200 lm	2200 lm
Warm White	CRI 80	800 lm	1000 lm	1600 lm	2000 lm	2000 lm



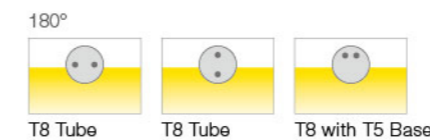
Chipsets		SEOUL				
Type		T01 / T02 (2-foot)		T03 (4-foot)	T04 (5-foot)	
Power Consumption		8 Watts	10 Watts	16 Watts	20 Watts	20 Watts
True White	CRI 80	950 lm	1200 lm	1900 lm	2400 lm	2400 lm
Warm White	CRI 80	800 lm	1000 lm	1600 lm	2000 lm	2000 lm



Chipsets		EPISTAR		
Type		T01 / T02 (2-foot)	T03 (4-foot)	T04 (5-foot)
Power Consumption		10 Watts	20 Watts	20 Watts
True White	CRI 70	950 lm	1900 lm	1900 lm
Warm White	CRI 70	800 lm	1600 lm	1600 lm



BEAM ANGLE



LENS TYPE

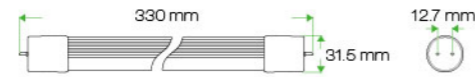
- Clear
- Semi-Frosted
- Frosted

Customized available

- T8 tube with T5 base
- T8 tube with base pins rotated 90 degrees

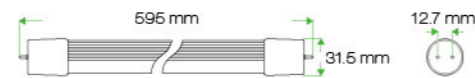


T8 Tube - V4 series
T06 (1-foot)



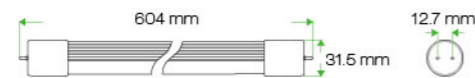
Base **G13**
Weight **4.9 oz. (139 g)**
Working Voltage **100 - 240V AC**
Operating Temp **-65°C to +40°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**
Driver **double-end input**

T8 Tube - V4 series
T01 (2-foot) Compliant with Asian specifications



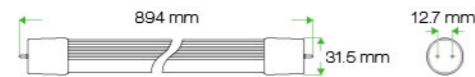
Base **G13**
Weight **7.6 oz. (216 g)**
Working Voltage **100 - 240V AC**
Operating Temp **-65°C to +40°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**
Driver **double-end input**

T8 Tube - V4 series
T02 (2-foot) Compliant with European specifications



Base **G13**
Weight **7.6 oz. (216 g)**
Working Voltage **100 - 240V AC**
Operating Temp **-65°C to +40°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**
Driver **double-end input**

T8 Tube - V4 series
T07 (3-foot)



Base **G13**
Weight **11.9 oz. (336 g)**
Working Voltage **100 - 240V AC**
Operating Temp **-65°C to +40°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**
Driver **double-end input**

T8 Tube - V4 series
T03 (4-foot)



Base **G13**
Weight **15.3 oz. (433 g)**
Working Voltage **100 - 240V AC**
Operating Temp **-65°C to +40°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**
Driver **double-end input**

T8 Tube - V4 series
T04 (5-foot)



Base **G13**
Weight **18.6 oz. (528 g)**
Working Voltage **100 - 240V AC**
Operating Temp **-65°C to +40°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**
Driver **double-end input**

CHIPSET LUMINOUS FLUX

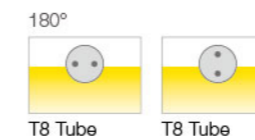
All Chipset Luminous Flux Data are indicated in max values

Chipsets	CREE LEDs CLA1B							
	T06(1-foot)	T01 / T02 (2-foot)	T07(3-foot)	T03 (4-foot)		T04 (5-foot)		
Power Consumption	6 Watts	8 Watts	10 Watts	16 Watts	16 Watts	20Watts	20 Watts	
True White	CRI 75	600 lm	1000 lm	1200 lm	2000 lm	2000 lm	2400 lm	2400 lm
	CRI 80	600 lm	1000 lm	1200 lm	2000 lm	2000 lm	2400 lm	2400 lm
Natural White	CRI 80	550 lm	900 lm	1100 lm	1800 lm	1800 lm	2200 lm	2200 lm
Warm White	CRI 80	500 lm	800 lm	1000 lm	1600 lm	1600 lm	2000 lm	2000 lm

Chipsets	OSRAM Duris E3 3014							
	T06(1-foot)	T01 / T02 (2-foot)	T07(3-foot)	T03 (4-foot)		T04 (5-foot)		
Power Consumption	6 Watts	8 Watts	10 Watts	16 Watts	16 Watts	20Watts	20 Watts	
True White	CRI 75	600 lm	1000 lm	1200 lm	2000 lm	2000 lm	2400 lm	2400 lm
	CRI 80	600 lm	1000 lm	1200 lm	2000 lm	2000 lm	2400 lm	2400 lm
Natural White	CRI 80	550 lm	900 lm	1100 lm	1800 lm	1800 lm	2200 lm	2200 lm
Warm White	CRI 80	500 lm	800 lm	1000 lm	1600 lm	1600 lm	2000 lm	2000 lm

Chipsets	EPISTAR							
	T06 (1-foot)	T01 / T02 (2-foot)	T07 (3-foot)	T03 (4-foot)		T04 (5-foot)		
Power Consumption	6 Watts	8 Watts	10 Watts	16 Watts	16 Watts	20 Watts	20 Watts	
True White	CRI 70	500 lm	760 lm	950 lm	1550 lm	1550 lm	1900 lm	1900 lm
	CRI 70	450 lm	720 lm	900 lm	1450 lm	1450 lm	1800 lm	1800 lm
Warm White	CRI 70	400 lm	640 lm	800 lm	1300 lm	1300 lm	1600 lm	1600 lm

BEAM ANGLE



LENS TYPE

- Clear
- Semi-Frosted
- Frosted

Customized available

- T8 tube with base pins rotated 90 degrees

T8 Tube



**T8 Tube - V4 series (High Power Factor)
T01 (2-feet)** Compliant with Asian specifications



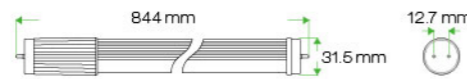
CEFC **RoHS**
Compliant
Base **G13**
Weight **8.5 oz. (249 g)**
Working Voltage **100 - 240V AC**
Power Factor **≥ 0.9**
Operating Temp **-65°C to +40°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**
Driver **double-end input**

**T8 Tube - V4 series (High Power Factor)
T02 (2-feet)** Compliant with European specifications



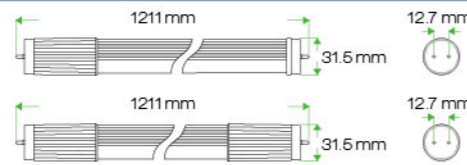
CEFC **RoHS**
Compliant
Base **G13**
Weight **8.5 oz. (242 g)**
Working Voltage **100 - 240V AC**
Power Factor **≥ 0.9**
Operating Temp **-65°C to +40°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**
Driver **double-end input**

**T8 Tube - V4 series (High Power Factor)
T07 (3-feet)**



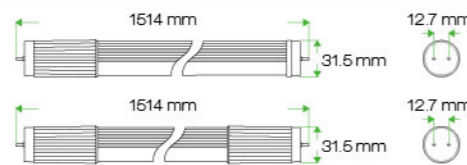
CEFC **RoHS**
Compliant
Base **G13**
Weight **11.9 oz. (337 g)**
Working Voltage **100 - 240V AC**
Power Factor **≥ 0.9**
Operating Temp **-65°C to +40°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**
Driver **double-end input**

**T8 Tube - V4 series (High Power Factor)
T03 (4-feet)**



CEFC **RoHS**
Compliant
Base **G13**
Weight **17 oz. (434 g - 482 g)**
Working Voltage **100 - 240V AC**
Power Factor **≥ 0.9**
Operating Temp **-65°C to +40°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**
Driver **double-end input**

**T8 Tube - V4 series (High Power Factor)
T04 (5-feet)**



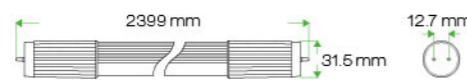
CEFC **RoHS**
Compliant
Base **G13**
Weight **20.4 oz. (528 g - 579 g)**
Working Voltage **100 - 240V AC**
Power Factor **≥ 0.9**
Operating Temp **-65°C to +40°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**
Driver **double-end input**

**T8 Tube - V4 series (High Power Factor)
T08 (6-feet)**



CEFC **RoHS**
Compliant
Base **G13**
Weight **23.4 oz. (664 g)**
Working Voltage **100 - 240V AC**
Power Factor **≥ 0.9**
Operating Temp **-65°C to +40°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**
Driver **double-end input**

**T8 Tube - V4 series (High Power Factor)
T09 (8-feet)**



CEFC **RoHS**
Compliant
Base **G13**
Weight **30.3 oz. (860 g)**
Working Voltage **100 - 240V AC**
Power Factor **≥ 0.9**
Operating Temp **-65°C to +40°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**
Driver **double-end input**

Chipsets		CREE LED CLA1B					
Type		T01/T02 (2-feet)	T07 (3-feet)	T03 (4-feet)	T04 (5-feet)	T08 (6-feet)	T09 (8-feet)
Power Consumption		10 Watts	16 Watts	22.5 Watts	22.5 Watts	32 Watts	46 Watts
True White	CRI 75	1200 lm	2000 lm	2800 lm	2800 lm	4000 lm	5600 lm
	CRI 80	1200 lm	2000 lm	2800 lm	2800 lm	4000 lm	5600 lm
Natural White	CRI 80	1100 lm	1800 lm	2600 lm	2600 lm	3600 lm	5200 lm
Warm White	CRI 80	1000 lm	1600 lm	2400 lm	2400 lm	3200 lm	4800 lm

Chipsets		OSRAM Duris E3 3014 LED					
Type		T01/T02 (2-feet)	T07 (3-feet)	T03 (4-feet)	T04 (5-feet)	T08 (6-feet)	T09 (8-feet)
Power Consumption		10 Watts	16 Watts	22.5 Watts	22.5 Watts	32 Watts	46 Watts
True White	CRI 75	1200 lm	2000 lm	2800 lm	2800 lm	4000 lm	5600 lm
	CRI 80	1200 lm	2000 lm	2800 lm	2800 lm	4000 lm	5600 lm
Natural White	CRI 80	1100 lm	1800 lm	2600 lm	2600 lm	3600 lm	5200 lm
Warm White	CRI 80	1000 lm	1600 lm	2400 lm	2400 lm	3200 lm	4800 lm

Chipsets		OSRAM Duris E3 5630 LED				
Type		T01/T02 (2-feet)	T03 (4-feet)	T04 (5-feet)	T08 (6-feet)	T09 (8-feet)
Power Consumption		22.5 Watts	46 Watts	46 Watts	46 Watts	46 Watts
True White	CRI 80	2800 lm	5600 lm	5600 lm	5600 lm	5600 lm
Natural White	CRI 80	2600 lm	5200 lm	5200 lm	5200 lm	5200 lm
Warm White	CRI 80	2400 lm	4800 lm	4800 lm	4800 lm	4800 lm

Chipsets		EPISTAR					
Type		T01/T02 (2-feet)	T01/T02 (2-feet)	T07 (3-feet)	T07 (3-feet)	T03 (4-feet)	T03 (4-feet)
Power Consumption		10 Watts	22.5 Watts	16 Watts	22.5 Watts	22.5 Watts	46 Watts
True White	CRI 70	950 lm	2200 lm	1550 lm	2200 lm	2200 lm	4400 lm
Natural White	CRI 70	900 lm	2050 lm	1450 lm	2050 lm	2050 lm	4100 lm
Warm White	CRI 70	800 lm	1950 lm	1300 lm	1900 lm	1900 lm	3800 lm

Chipsets		EPISTAR				
Type		T04 (5-feet)	T04 (5-feet)	T08 (6-feet)	T08 (6-feet)	T09 (8-feet)
Power Consumption		22.5 Watts	46 Watts	32 Watts	46 Watts	46 Watts
True White	CRI 70	2200 lm	4400 lm	3100 lm	4400 lm	4400 lm
Natural White	CRI 70	2050 lm	4100 lm	2900 lm	4100 lm	4100 lm
Warm White	CRI 70	1900 lm	3800 lm	2600 lm	3800 lm	3800 lm

Chipsets		LUXEON 3535-L(HPF)					
Type		T01/T02 (2-feet)	T03 (4-feet)	T01/T02 (2-feet)	T03 (4-feet)	T04 (5-feet)	T04 (5-feet)
Power Consumption		10 Watts	22.5 Watts	22.5 Watts	46 Watts	22.5 Watts	46 Watts
True White	CRI 82	1450 lm	3000 lm	3000 lm	6000 lm	3000 lm	6000 lm
Natural White	CRI 82	1400 lm	2900 lm	2900 lm	5800 lm	2900 lm	5800 lm
	CRI 92	1150 lm	2350 lm	2350 lm	4650 lm	2350 lm	4650 lm
Warm White	CRI 82	1300 lm	2700 lm	2700 lm	5400 lm	2700 lm	5400 lm
	CRI 92	1050 lm	2250 lm	2250 lm	4500 lm	2250 lm	4500 lm

BEAM ANGLE 180°



LENS TYPE

- Clear
- Semi-Frosted
- Frosted

Customized available

- T8 tube with base pins rotated 90 degrees