



Pursuit of perfection environmental purity.



High Power LED Lighting Solutions

www.aeonlighting.com
2014 Ver 01 (LAMP LUMINOUS FLUX)



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Two Million US Dollars Product Liability Insurance
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ver 01 (LAMP LUMINOUS FLUX) Apr.



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

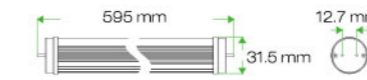
- Has been designed where there is no danger of getting shocked during installation.
- ALT LED T8 tube can directly replace traditional fluorescent T8 tube (Removing starter is necessary)
- Industry leading heat fin design endorses excellent heat management.
- NO UV, no radiation, no infra-red, no mercury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

APPLICATIONS

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

T8 Tube - V1 series

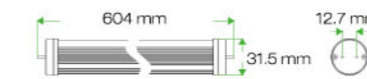
T01 (2-feet) Compliant with Asian specifications



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

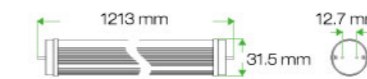
T02 (2-feet) Compliant with European specifications



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)

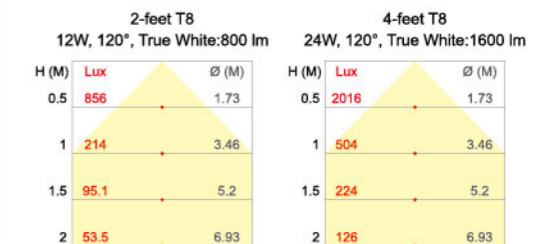


Base	G13
Working Voltage	100 - 240V AC
Weight	33.6 oz. (950 g)
Operating Temp	-20°C to +50°C
Lumen Maintenance	50,000 hours
Warranty	3 Years Limited

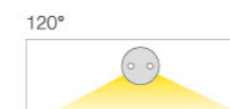
LAMP LUMINOUS FLUX

All Lamp 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	800 lm	800 lm	1600 lm
Warm White CRI 70	650 lm	650 lm	1300 lm



BEAM ANGLE





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



CEFC **RoHS** **LVD** **Intertek**
Compliant Testing 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 Testing 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 Testing 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 Testing 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



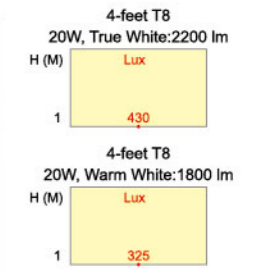
CEFC **RoHS** **LVD** **Intertek**
Compliant Testing 3186663

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

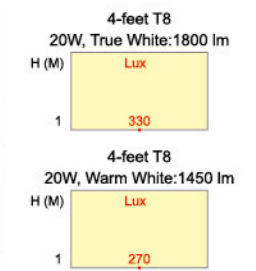
LAMP LUMINOUS FLUX

All Lamp Luminous Flux Data are Indicated in Max Values

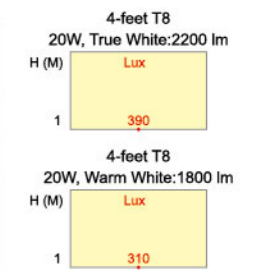
Chipsets		CREE LED _s CLA1B				
Type		T01 / T02 (2-foot)		T03 (4-foot)	T04 (5-foot)	
Power Consumption		8 Watts	10 Watts	16 Watts	20 Watts	20 Watts
True White	CRI 75	850 lm	1100 lm	1700 lm	2200 lm	2200 lm
Natural White	CRI 80	810 lm	1000 lm	1620 lm	2000 lm	2000 lm
Warm White	CRI 80	720 lm	900 lm	1450 lm	1800 lm	1800 lm



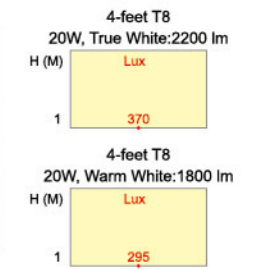
Chipsets		CREE LED _s CLA1A			
Type		T01 / T02 (2-foot)		T03 (4-foot)	
Power Consumption		8 Watts	10 Watts	16 Watts	20 Watts
True White	CRI 80	720 lm	900 lm	1450 lm	1800 lm
Warm White	CRI 80	650 lm	720 lm	1300 lm	1450 lm



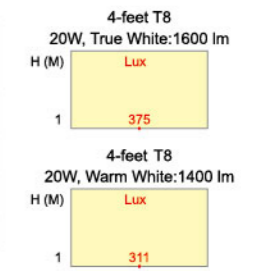
Chipsets		OSRAM Duris E3 LED				
Type		T01 / T02 (2-foot)		T03 (4-foot)	T04 (5-foot)	
Power Consumption		8 Watts	10 Watts	16 Watts	20 Watts	20 Watts
True White	CRI 80	850 lm	1100 lm	1700 lm	2200 lm	2200 lm
Natural White	CRI 80	810 lm	1000 lm	1620 lm	2000 lm	2000 lm
Warm White	CRI 80	720 lm	900 lm	1450 lm	1800 lm	1800 lm



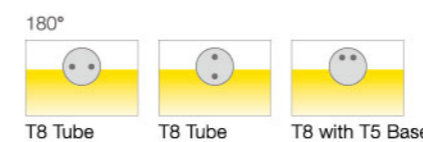
Chipsets		SEOUL				
Type		T01 / T02 (2-foot)		T03 (4-foot)	T04 (5-foot)	
Power Consumption		8 Watts	10 Watts	16 Watts	20 Watts	20 Watts
True White	CRI 80	850 lm	1100 lm	1700 lm	2200 lm	2200 lm
Warm White	CRI 80	720 lm	900 lm	1450 lm	1800 lm	1800 lm



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	800 lm	1600 lm	1600 lm
Warm White	CRI 70	700 lm	1400 lm	1400 lm



BEAM ANGLE



LENS TYPE

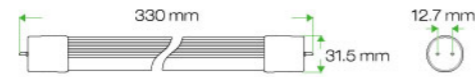
- Clear
- Semi-Frosted
- Frosted

Customized available

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



T8 Tube - V4 series
T06 (1-foot)



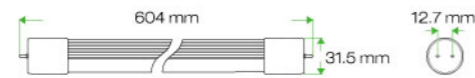
Base **G13**
Weight **4.9 oz. (139 g)**
Working Voltage **100 - 240V AC**
Operating Temp **-65°C to +40°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**
Driver **double-end input**

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



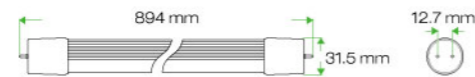
Base **G13**
Weight **7.6 oz. (216 g)**
Working Voltage **100 - 240V AC**
Operating Temp **-65°C to +40°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**
Driver **double-end input**

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) Compliant with Asian specifications



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**

LAMP LUMINOUS FLUX

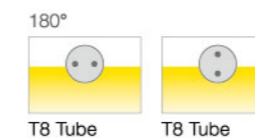
All Lamp Luminous Flux Data are Indicated in Max Values

Chipsets		CREE LEDs CLA1B					
Type		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
True White	CRI 75	550 lm	850 lm	1100 lm	1700 lm	1700 lm	2200 lm
Natural White	CRI 80	500 lm	810 lm	1000 lm	1620 lm	1620 lm	2000 lm
Warm White	CRI 80	450 lm	720 lm	900 lm	1450 lm	1450 lm	1800 lm

Chipsets		OSRAM Duris E3 3014					
Type		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
True White	CRI 75	550 lm	850 lm	1100 lm	1700 lm	1700 lm	2200 lm
Natural White	CRI 80	500 lm	810 lm	1000 lm	1620 lm	1620 lm	2000 lm
Warm White	CRI 80	450 lm	720 lm	900 lm	1450 lm	1450 lm	1800 lm

Chipsets		EPISTAR					
Type		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
True White	CRI 70	450 lm	640 lm	800 lm	1350 lm	1350 lm	1600 lm
Natural White	CRI 70	400 lm	600 lm	750 lm	1250 lm	1250 lm	1500 lm
Warm White	CRI 70	350 lm	560 lm	700 lm	1100 lm	1100 lm	1400 lm

BEAM ANGLE



LENS TYPE

- Clear
- Semi-Frosted
- Frosted

Customized available

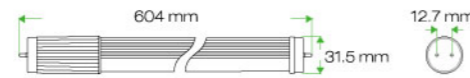
- T8 tube with base pins rotated 90 degrees



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



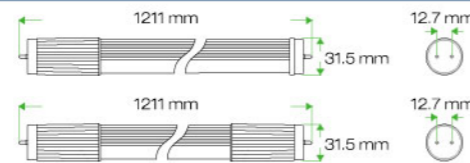
T8 Tube - V4 series (High Power Factor)
T02 (2-foot) Compliant with European specifications



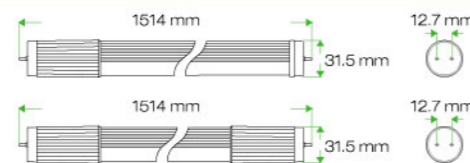
T8 Tube - V4 series (High Power Factor)
T07 (3-foot)



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



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



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



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



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**

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**

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**

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**

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**

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**

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 LEDs CLA1B					
Type		T01/T02 (2-foot)	T07 (3-foot)	T03 (4-foot)	T04 (5-foot)	T08 (6-foot)	T09 (8-foot)
Power Consumption		10 Watts	16 Watts	22.5 Watts	22.5 Watts	32 Watts	46 Watts
True White	CRI 75	1100 lm	1700 lm	2400 lm	2400 lm	3400 lm	4800 lm
	CRI 80	1100 lm	1700 lm	2400 lm	2400 lm	3400 lm	4800 lm
Natural White	CRI 80	1000 lm	1620 lm	2200 lm	2200 lm	3240 lm	4400 lm
Warm White	CRI 80	900 lm	1450 lm	2000 lm	2000 lm	2900 lm	4000 lm

Chipsets		OSRAM Duris E3 3014 LED					
Type		T01/T02 (2-foot)	T07 (3-foot)	T03 (4-foot)	T04 (5-foot)	T08 (6-foot)	T09 (8-foot)
Power Consumption		10 Watts	16 Watts	22.5 Watts	22.5 Watts	32 Watts	46 Watts
True White	CRI 75	1100 lm	1700 lm	2400 lm	2400 lm	3400 lm	4800 lm
	CRI 80	1100 lm	1700 lm	2400 lm	2400 lm	3400 lm	4800 lm
Natural White	CRI 80	1000 lm	1620 lm	2200 lm	2200 lm	3240 lm	4400 lm
Warm White	CRI 80	900 lm	1450 lm	2000 lm	2000 lm	2900 lm	4000 lm

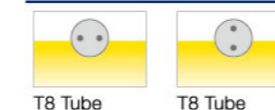
Chipsets		OSRAM Duris E3 5630 LED				
Type		T01/T02 (2-foot)	T03 (4-foot)	T04 (5-foot)	T08 (6-foot)	T09 (8-foot)
Power Consumption		22.5 Watts	46 Watts	46 Watts	46 Watts	46 Watts
True White	CRI 80	2400 lm	4800 lm	4800 lm	4800 lm	4800 lm
Natural White	CRI 80	2200 lm	4400 lm	4400 lm	4400 lm	4400 lm
Warm White	CRI 80	2000 lm	4000 lm	4000 lm	4000 lm	4000 lm

Chipsets		EPISTAR					
Type		T01/T02 (2-foot)	T01/T02 (2-foot)	T07 (3-foot)	T07 (3-foot)	T03 (4-foot)	T03 (4-foot)
Power Consumption		10 Watts	22.5 Watts	16 Watts	22.5 Watts	22.5 Watts	46 Watts
True White	CRI 70	800 lm	1800 lm	1350 lm	1800 lm	1800 lm	3600 lm
Natural White	CRI 70	750 lm	1700 lm	1250 lm	1700 lm	1700 lm	3400 lm
Warm White	CRI 70	700 lm	1600 lm	1100 lm	1600 lm	1600 lm	3200 lm

Chipsets		EPISTAR				
Type		T04 (5-foot)	T04 (5-foot)	T08 (6-foot)	T08 (6-foot)	T09 (8-foot)
Power Consumption		22.5 Watts	46 Watts	32 Watts	46 Watts	46 Watts
True White	CRI 70	1800 lm	3600 lm	2700 lm	3600 lm	3600 lm
Natural White	CRI 70	1700 lm	3400 lm	2500 lm	3400 lm	3400 lm
Warm White	CRI 70	1600 lm	3200 lm	2200 lm	3200 lm	3200 lm

Chipsets		LUXEON 3535-L(HPF)					
Type		T01/T02 (2-foot)	T03 (4-foot)	T01/T02 (2-foot)	T03 (4-foot)	T04 (5-foot)	T04 (5-foot)
Power Consumption		10 Watts	22.5 Watts	22.5 Watts	46 Watts	22.5 Watts	46 Watts
True White	CRI 82	1250 lm	2700 lm	2700 lm	5400 lm	2700 lm	5400 lm
Natural White	CRI 82	1200 lm	2600 lm	2600 lm	5200 lm	2600 lm	5200 lm
	CRI 92	1000 lm	2100 lm	2100 lm	4200 lm	2100 lm	4200 lm
Warm White	CRI 82	1100 lm	2450 lm	2450 lm	4900 lm	2450 lm	4900 lm
	CRI 92	900 lm	2000 lm	2000 lm	4000 lm	2000 lm	4000 lm

BEAM ANGLE 180°



LENS TYPE

- Clear
- Semi-Frosted
- Frosted

Customized available

- T8 tube with base pins rotated 90 degrees