

High Power LED Lighting Solutions

ALITLED®

GOOD DESIGN
AWARD 2012

reddot design award
winner 2011

product
design
award
2010



Aeon Lighting Technology Inc.

2011/12 ver. 1.02 (CHIPSSET LUMINOUS FLUX)

EnergyTools

www.energytools.nl
info@energytools.nl
Tel: 010-8439068



T8 Tube

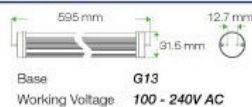
Completely adaptable to any public spaces, ALT's Orion T8 is a truly revolutionary product. It converts the inefficient traditional fluorescents to energy-saving, long lasting, and mercury free LED system. Ideal for Main Indoor Lighting, Orion T8 Series, available in 2-foot, 4-foot, and 5-foot versions, 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.



T8 Tube - V1 series

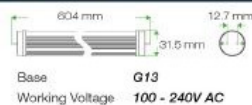
T01 (2-feet) Compliant with Asian specifications



Weight **15.9 oz. (450 g)**
Operating Temp **-20°C to +50°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**

T8 Tube - V1 series

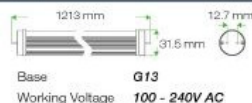
T02 (2-feet) Compliant with Australian and European specifications



Weight **15.9 oz. (450 g)**
Operating Temp **-20°C to +50°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**

T8 Tube - V1 series

T03 (4-feet) Compliant with Asian specifications



Weight **33.6 oz. (950 g)**
Operating Temp **-20°C to +50°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**

CHIPSET LUMINOUS FLUX

All Chipset Luminous Flux Data are indicated in max values

BEAM ANGLE

Chipsets	EPISTAR		
	T01 (2-feet)	T02 (2-feet)	T03 (4-feet)
Type			
Power Consumption	12 Watts	12 Watts	24 Watts
True White CRI 70	900 lm	900 lm	1800 lm
Warm White CRI 70	720 lm	720 lm	1440 lm



T8 Tube - V2 series

T01 (2-feet) Compliant with Asian specifications



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

T8 Tube - V2 series

T02 (2-feet) Compliant with Australian and European specifications



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

T8 Tube - V2 series

T03 (4-feet) Compliant with Asian specifications



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

T8 Tube - V2 series

T04 (5-feet)



Base **G13**
Weight **26.5 oz. (645 g)**
Working Voltage **100 - 240V AC**
Operating Temp **-40°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 series

T01 (2-feet) Compliant with Asian specifications



Base **G5**
Weight **8.9 oz. (230 g)**
Working Voltage **100 - 240V AC**
Operating Temp **-40°C to +40°C**
Lifespan **50,000 hours**
Warranty **3 Years Limited**
Driver **(1) double-end input**
(2) single-end input



T8 Tube - V3 series
T01 (2-feet) Compliant with Asian specifications



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

T8 Tube - V3 series
T02 (2-feet) Compliant with Australian and European specifications



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

T8 Tube - V3 series
T03 (4-feet) Compliant with Asian specifications



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

T8 Tube - V3 series
T04 (5-feet)



CEFC **RoHS** **Intertek**
Base **G13**
Weight **16 oz. (450 g)**
Working Voltage **100 - 240V AC**
Operating Temp **-40°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 - V3 series
T01 (2-feet) Compliant with Asian specifications



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

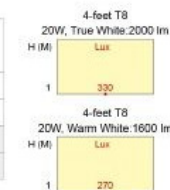
CHIPSET LUMINOUS FLUX

All Chipset Luminous Flux Data are indicated in max values

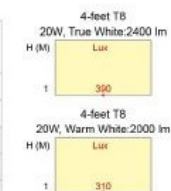
CREE® LEDS CLA1B					
Chipsets					
Type	T01 (2-feet) / T02 (2-feet)		T03 (4-feet)		T04 (5-feet)
Power Consumption	8 Watts	10 Watts	16 Watts	20 Watts	20 Watts
True White CRI 75	1000 lm	1200 lm	2000 lm	2400 lm	2400 lm
Natural White CRI 80	900 lm	1100 lm	1800 lm	2200 lm	2200 lm
Warm White CRI 80	800 lm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



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



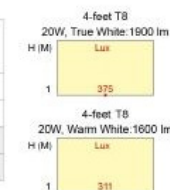
OSRAM® Duris E3 LED					
Chipsets					
Type	T01 (2-feet) / T02 (2-feet)		T03 (4-feet)		T04 (5-feet)
Power Consumption	8 Watts	10 Watts	16 Watts	20 Watts	20 Watts
True White CRI 80	950 lm	1200 lm	1900 lm	2400 lm	2400 lm
Natural White CRI 80	900 lm	1100 lm	1800 lm	2200 lm	2200 lm
Warm White CRI 80	800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



SEOUL					
Chipsets					
Type	T01 (2-feet) / T02 (2-feet)		T03 (4-feet)		T04 (5-feet)
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



EPISTAR				
Chipsets				
Type	T01 (2-feet) / T02 (2-feet)		T03 (4-feet)	T04 (5-feet)
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