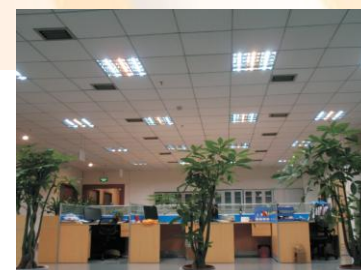
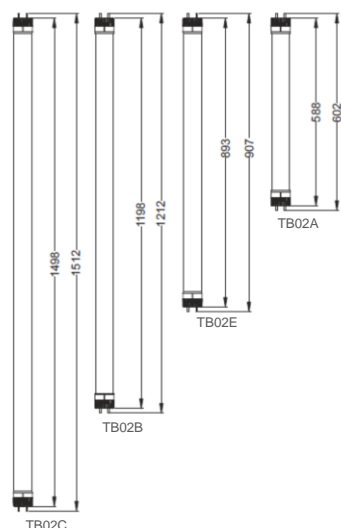


T8 Tube with G13 base



TB 02

Φ26.5mmx2380
x1512
x1212
x602 mm



10W TB02A= 13W Fluorescent lighting

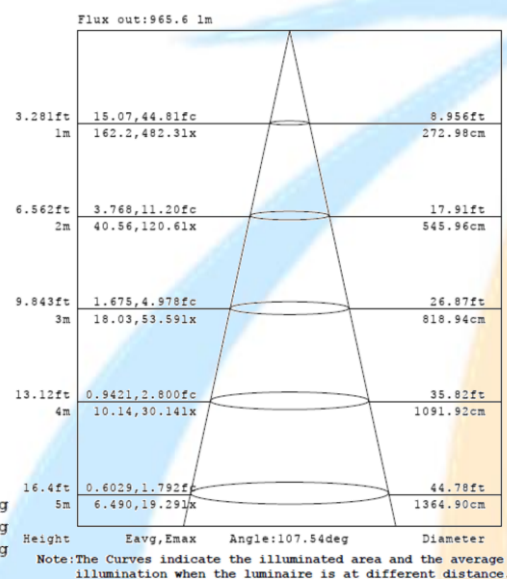
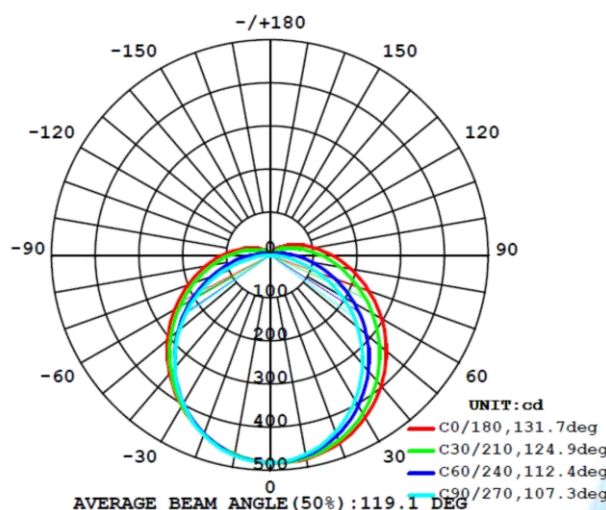
- 23% energy savings
- 300% longer in life

Applications

- Office lighting
- School lighting
- Public commercial facilities
 - Supermarket,
 - Hotel

Features

- Various lengths available for 60cm/120cm/150cm/240cm
- Patented end design with rotatable end sockets for adjustable light angles
- ETL listed
- Internal enclosed driver for safety and efficiency.

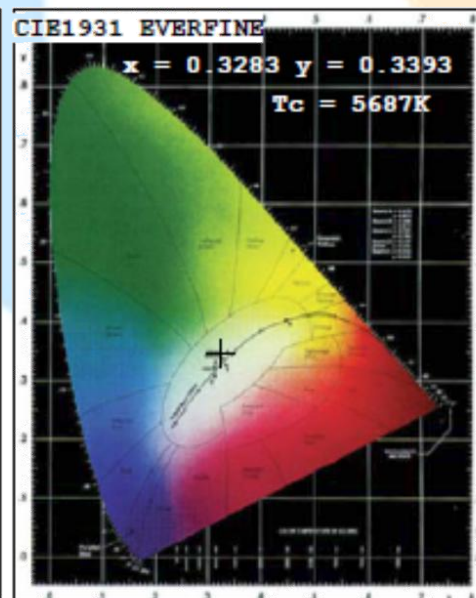
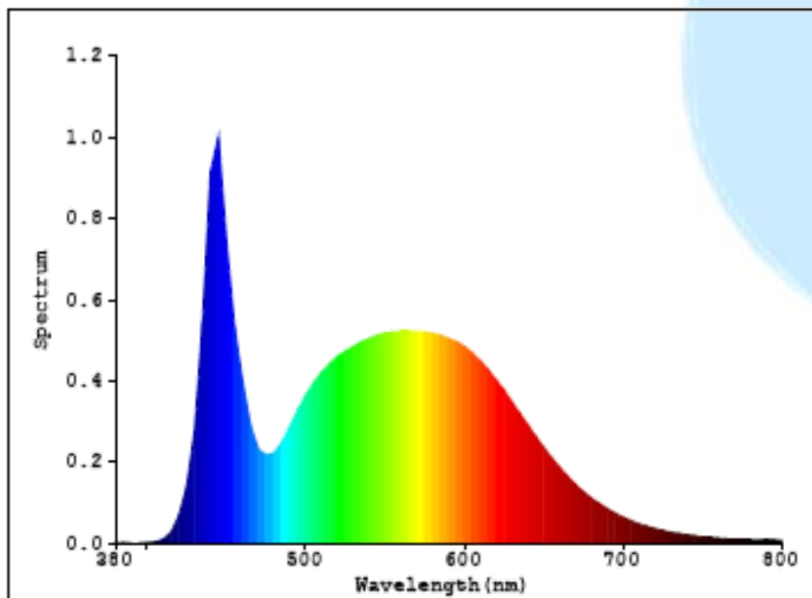


Performance Parameters

T8	Light color type	Color temperature Min	Color temperature Max	Lumen	Color Rendering Index	Input Volt	Power	PF	Efficiency	Ambient Temperature	Lifespan*	Wattage equivalent	Beam angles
TB02 A	Cool White	5000K	6000K	810LM	>80	85-265V /AC	10W	>0.9	>80LM/W	-20°C~40°C	8Years	13W	119° (50%)
G13 base	Natural White	3800K	4500K	770LM	>80	85-265V /AC	10W	>0.9	>75LM/W	-20°C~40°C	8Years	13W	119° (50%)
	Warm White	2700K	3000K	770LM	>80	85-265V /AC	10W	>0.9	>75LM/W	-20°C~40°C	8Years	13W	119° (50%)
TB02 B	Cool White	5000K	6000K	1800LM	>80	85-265V /AC	20W	>0.9	>90LM/W	-20°C~40°C	8Years	26W	119° (50%)
G13 base	Natural White	3800K	4500K	1690LM	>80	85-265V/AC	20W	>0.9	>85LM/W	-20°C~40°C	8Years	26W	119° (50%)
	Warm White	2700K	3000K	1680LM	>80	85-265V /AC	20W	>0.9	>80LM/W	-20°C~40°C	8Years	26W	119° (50%)
TB02 C	Cool White	5000K	6000K	2130LM	>80	85-265V /AC	24W	>0.9	>85LM/W	-20°C~40°C	8Years	31W	119° (50%)
G13 base	Natural White	3800K	4500K	2000LM	>80	85-265V /AC	24W	>0.9	>80LM/W	-20°C~40°C	8Years	31W	119° (50%)
	Warm White	2700K	3000K	2020LM	>80	85-265V /AC	24W	>0.9	>80LM/W	-20°C~40°C	8Years	31W	119° (50%)
TB02 D	Cool White	5000K	6000K	990LM	>80	85-265V /AC	12W	>0.9	>80LM/W	-20°C~40°C	8Years	16W	119° (50%)
G13 base	Natural White	3800K	4500K	950LM	>80	85-265V /AC	12W	>0.9	>80LM/W	-20°C~40°C	8Years	16W	119° (50%)
	Warm White	2700K	3000K	950LM	>80	85-265V /AC	12W	>0.9	>80LM/W	-20°C~40°C	8Years	16W	119° (50%)

* The lifespan is defined by average 6 working hours daily(7days per week).

TB02 for T8 with G13 base - Light Source Test Report (SMD)



Color Parameters:

Chromaticity Coordinate: $x=0.3283$ $y=0.3393$ $u'=0.2047$ $v'=0.4760$

$T_c=5687K$ Dominant WL:Ld=508.1nm Purity=1.5% Centroid WL:547.0nm

Ratio:R=15.9% G=79.8% B=4.3% Peak WL:Lp=445.0nm HWL:22.1nm

Render Index:Ra=82.4

R1 =82	R2 =85	R3 =87	R4 =84	R5 =83	R6 =81	R7 =86	
R8 =71	R9 =13	R10=65	R11=85	R12=67	R13=82	R14=93	R15=77

Photo Parameters:

Flux: 1772.4 lm Fe: 5.7173 W Efficacy:83.83 lm/W

LEVEL: WHITE:OUT

Electrical Parameters:

Luminaire: U=227.7V I=0.1006A P=21.14W PF=0.9229

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=29034 (R=3) $\%=-0.239\%$

$I_p=18020$ (G=3,D=54)

PMT: 32.3 centigrade [31.3]