

1.2 meter 15W LED T8 tube light

Order Number:94120011(3000K)/94140011(4000K)/94160011(6000K)

1. Feature

- Perfect light quality design, system efficacy > 130lm/W(5000K), can replace traditional fluorescent tube light.
- Very even light output, no-glare design.
- Very nice design, high quality PC material body.
- Universal power input range of 100 – 240VAC
- Environmental friendly. RoHs Compliant
- The color temperature follows ANSI C78.337 Standard.

2. Application

- The commercial application place where need high lux level but soft can clear light quality, such as big shopping mall, hospital, office, factory, school, airport, etc.



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3. Specification

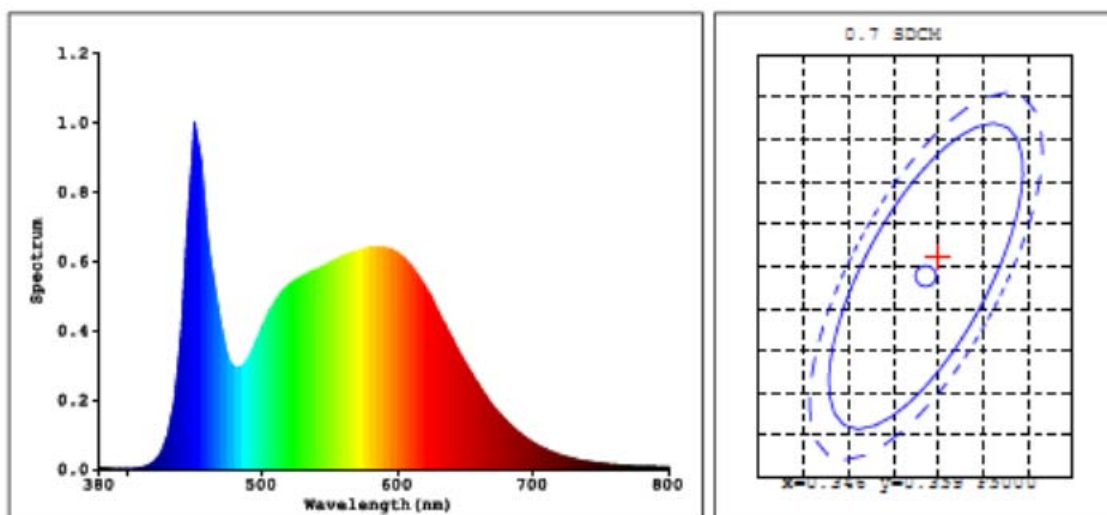
	Item	Specification
Mechanical	Dimension	Φ 26mm*L1200mm
	Weight	310g
	Materials and Finishing	plastic
Electrical	Input Voltage	AC100~240V, 50/60Hz
	Power Consumption	16W+/-1W
	PFC	>0.950
	Chip Source	Bridgelux chip
Optical	Color Temperature (ANSI C78.337 Standard)	3000K: 3,045K +/- 175K,
		4000K: 3,985K +/- 275K
		5000K 5,000K+/- 300K
		6000K 6,000K+/- 300K
	Luminaries efficacy	3000K: 100lm/w ~ 120lm/w
		4000K: 130lm/w ~ 140lm/w
		5000K: 130lm/w ~ 150lm/w
		6000K: 130lm/w ~ 150lm/w
Color rending	3000K: Ra 80 typ.	
	5000K: Ra 80 typ.	
	6000K: Ra 80 typ	
Beam angle	180°	
Expected Lifetime	L70>40,000 hrs (Ta=25°C)	
Reliability	Operating Temperature	-20-50°C
	Storage Temperature	-20-50°C
Environment	Operating	Indoor use only
	IP rating	IP40
	Restricted Materials	RoHs compliant

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4. Test Data(5000K)

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3472$ ($dx=0.0008$) $y=0.3608$ ($dy=0.0085$)
 Chromaticity Coordinate: $u'=0.2093$ $v'=0.4894$ ($duv=3.74e-03$)
 Tc=4954K Dominant WL:Ld=570.1nm Purity=12.4% Centroid WL:555.0nm
 Ratio:R=17.2% G=78.5% B=4.3% Peak WL:Lp=450.0nm HWL:24.2nm
 Render Index:Ra=84.0
 R1 =82 R2 =90 R3 =95 R4 =82 R5 =82 R6 =85 R7 =88
 R8 =68 R9 =12 R10=76 R11=81 R12=57 R13=84 R14=98 R15=76

Photo Parameters:

Flux: 1971.9 lm Fe: 6.1182 W Efficacy:136.0 lm/W

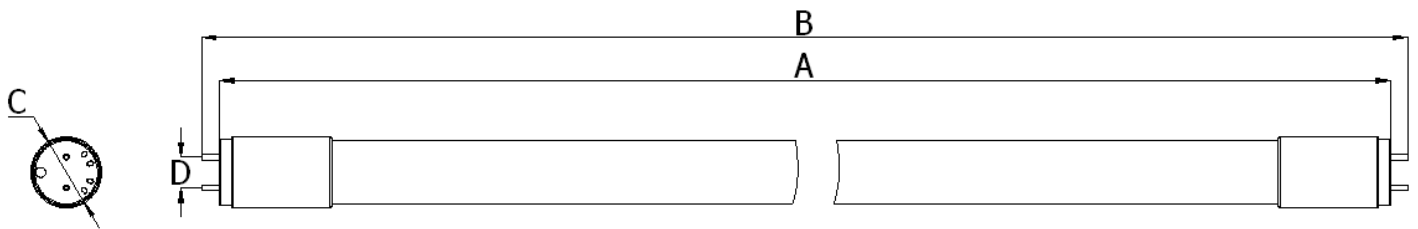
Electrical Parameters:

Lamp : U=100.1V I=0.1456A P=14.50W PF=0.9947

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5. Mechanical Drawing



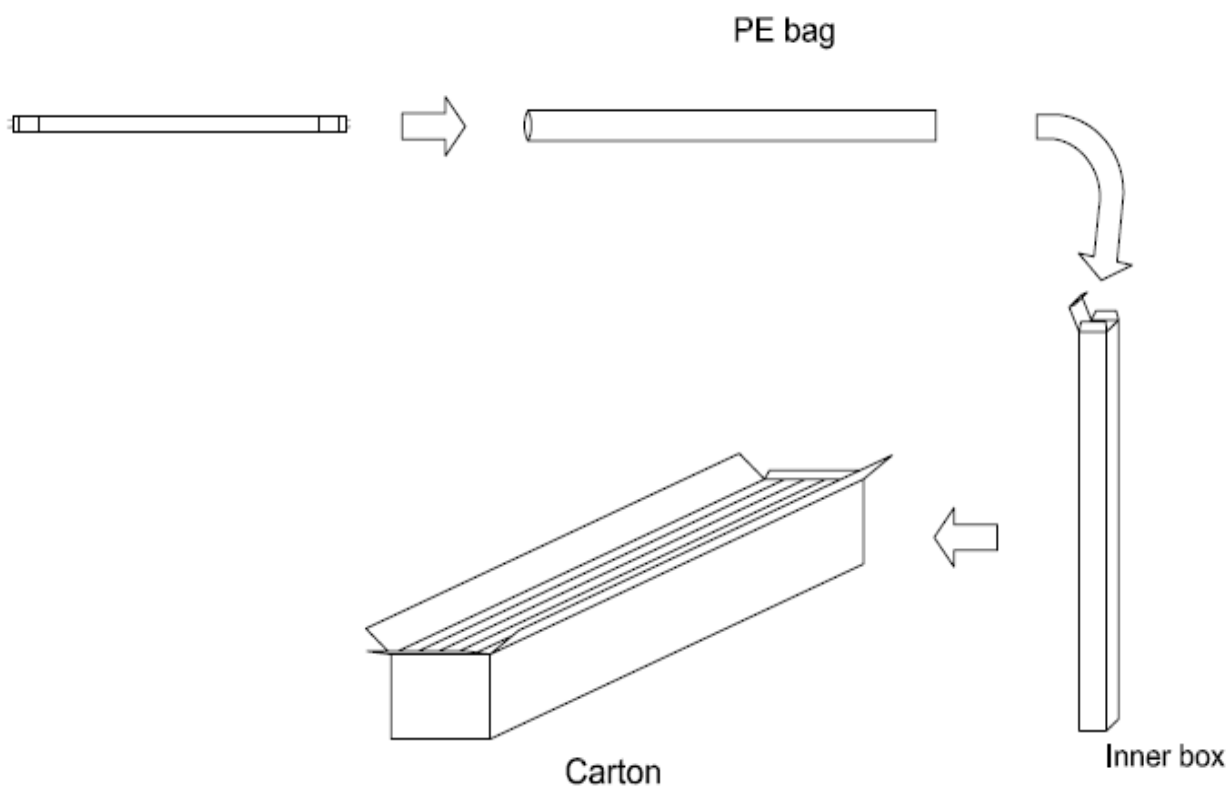
Model	Spec(mm)	A(mm)	B(mm)	C(mm)	D(mm)
1.2M 15W T8	L1198*Ø26	1198±2	1206±2	26	13

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6.Packaging Information

Internal packing Qty (pcs)	Whole Carton packing Qty (pcs)	Dimension of internal box L*W*H(mm)	Dimension of Carton L*W*H(mm)	Weight of internal packing (kg)	Weight of Carton packing(kg)
1pcs	25pcs	1220*35*35	1235*195*200	0.31KG	9.5KG



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7.Warranty Term.

TOPDEPOT warrants all of the LED lighting products it sells, to be free from defects in design, materials and workmanship for a period of 3 years from the date of the original purchase.

This warranty applies to the original purchaser. The original purchaser must contact TOPDEPOT in advance of returning products to receive a return authorization. TOPDEPOT reserves the right to replace or to repair products that it deems defective.

When deemed defective by TOPDEPOT, the sole remedy will be the replacement of the lighting product purchased from TOPDEPOT. This warranty does not apply to products that were installed incorrectly in wet environments, corrosive environments, subjected to lightning strikes, power surges, products that were physically damaged, installed incorrectly or any act of god.

TOPDEPOT warrants only the product it sells. The warranty does not include installation, shipping costs to return the product, or any other losses. Incidental or consequential damages are hereby expressly excluded.