

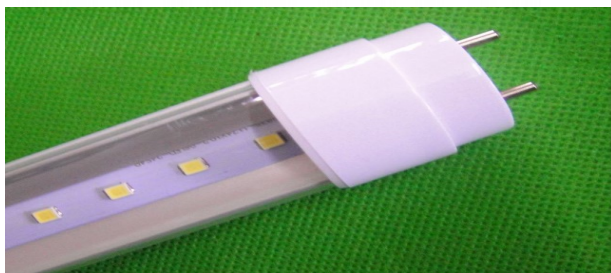


Star Light Technology Group(China)Limited

Address 3&4/F Star Light Industry Building, Starlight Hi-Tech Park, Xixiang Town,Bao'an District, Shenzhen City PRC

Email karous@starlight-led.com Skype No. Karous.starlight www.starlight-led.com Tele: 86 135 1065 4911

Specification of T8 Tube



- High light efficiency 100-110lm/w
- 0-90 ° rotatable design
- LM 80 approval 2835 SMD LM79 Approval T8Tube
- Brand chip, Epistar
- Isolated / non-isolated internal driver
- 72 Ra/ 80 Ra optional



- Work voltage AC85-265V or AC110-277V meet for all countries' usage
- Various Length meet for multiple application
- Aluminum body to ensure excellent heat dissipation
- CE RoHs,UL FCC approval and meet test standard
- Working temperature - 20 °-- 40 °
- Long life span,> 50,000 hours
- Quick start ,no flicker, no buzzing
- Environment friendly, no mercury, no lead, no ultraviolet, no noise and other hazardous substance.
- Indoor use only

Item No.	Watts	old watts	actual length	Dimension
SL-T8Tube-001D	6±0.3W	18w	300mm	300mm*Φ26mm
SL-T8Tube-002D	8±0.3W	25w	450mm	450mm*Φ26mm
SL-T8Tube-003D	10±0.3W	30W	602mm	600mm*Φ26mm
SL-T8Tube-004D	14±0.3W	40W	906mm	900mm*Φ26mm
SL-T8Tube-005D	16±0.3W	45W	970mm	970mm*Φ26mm
SL-T8Tube-006D1	18±0.3W	50w	1212mm	1200mm*Φ26mm
SL-T8Tube-006D2	22±0.3W	60W	1212mm	1200mm*Φ26mm
SL-T8Tube-012D	25±0.3W	75W	1512mm	1500mm*Φ26mm
SL-T8Tube-015D	35±0.3W	90W	1779mm	1800mm*Φ26mm
SL-T8Tube-017D	40±0.3W	120W	2381mm	2400mm*Φ26mm
Item No.	Watts	old watts	End-cap	Actual size
SL-T8Tube-006D1	18±0.3W	50w	T5pin	1163mm*Φ26mm
SL-T8Tube-017D	40±0.3W	120W	FA8	2381mm*Φ26mm
SL-T8Tube-017D	40±0.3W	120W	R17D	2381mm*Φ26mm

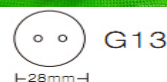
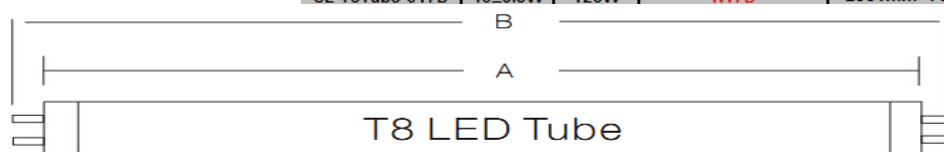


T5pin

R17D

FA8

Size



Parameter

Length	30cm 45cm 60cm 90cm 120cm 150cm 180cm 240cm
Luminous Flux	600Lm/700Lm/800Lm/1000Lm/1200Lm/1500Lm/1800Lm/2000Lm/2200Lm/2500Lm/2800Lm/3300Lm/3600Lm/4000Lm
Watts	6w/7w/8w/10w/12w 15w 18w 20w 22w 25w/18w 20w 22w 25w 28w/36w/40w/45w
Light Efficiency	100-110lm/w
CRI	72 / 80 Ra
PF	> 0.9
Voltage	AC85-265V or AC110-277V 50/60Hz
Driver	Isolated / non-isolate external
Beam Angle	140 degree
Material	Aluminum body / PC cover
Color	Pure white / Neutral white / Warm white
Color Temperature	6000-6500K / 4000-4500K / 2700-3200K
Operating	-20 ° to 40 °
CE UL FCC	CE-EMC & LVD UL FCC
Dimmable or not	Non-dimmable



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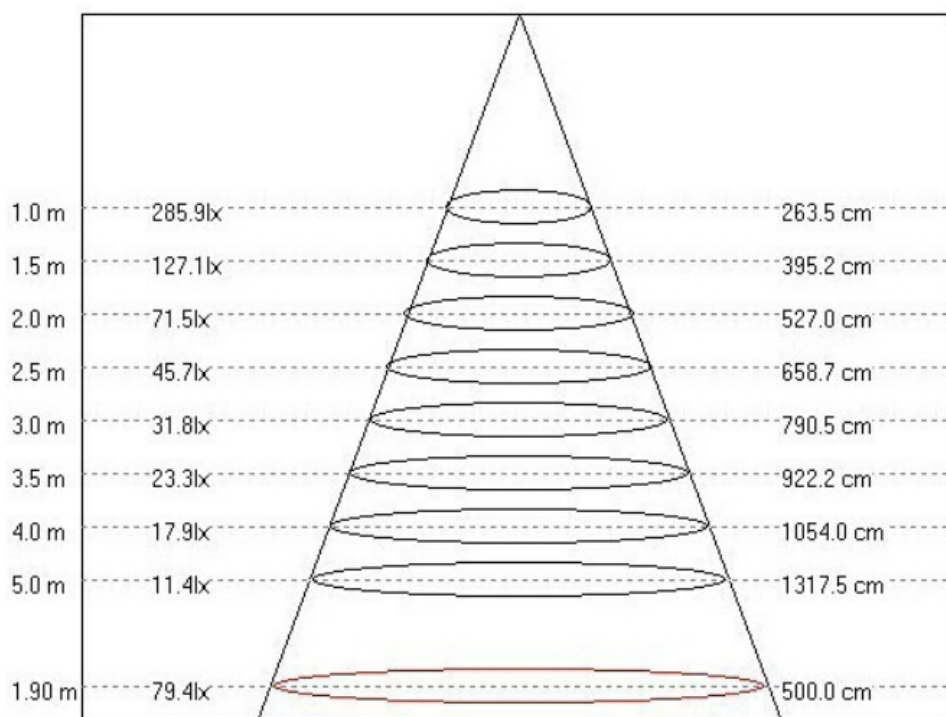
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Application

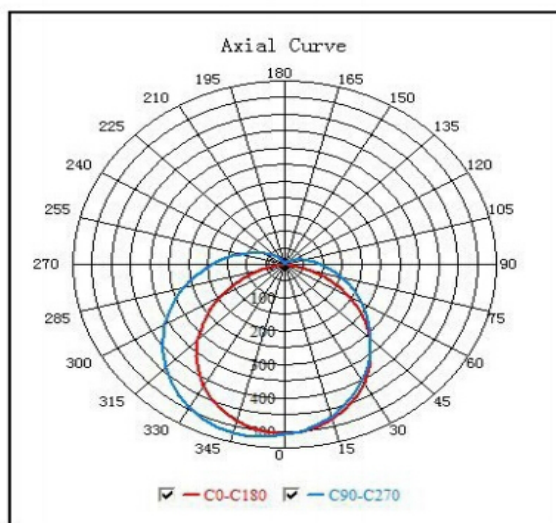


Widely use in school, hosiptal,metro,supermarket etc.

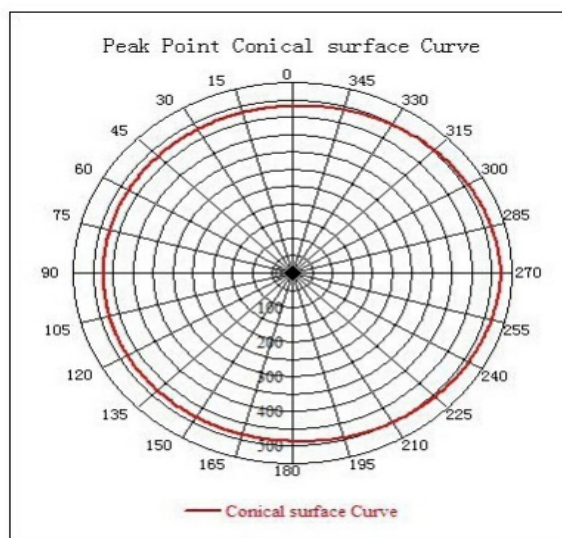
Light Curve Distribution- 1200 mm length for example



Height(M) Lux(lx) Vertical beam angle(50%): Horizontal beam angle(50%): Spot Diameter(cm)
 105.6° 131.5°



Vertical beam angle(50%): 105.6 Horizontal beam angle(50%): 131.5



C-plane : 270.0 Y Angle: 15.0



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LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Starlight group

Address:

NAME:

TYPE:

WEIGHT:

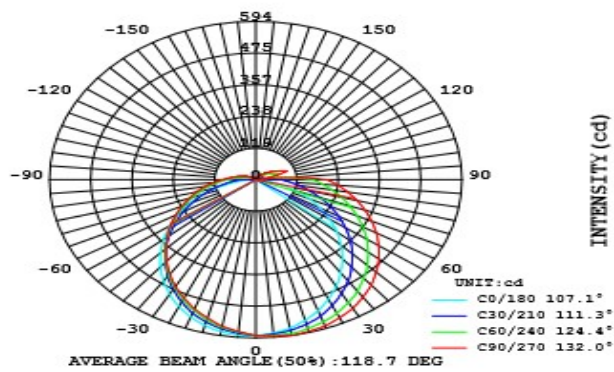
SPECIFICATION: T8Tube 1.2m 18w

DIMENSION:

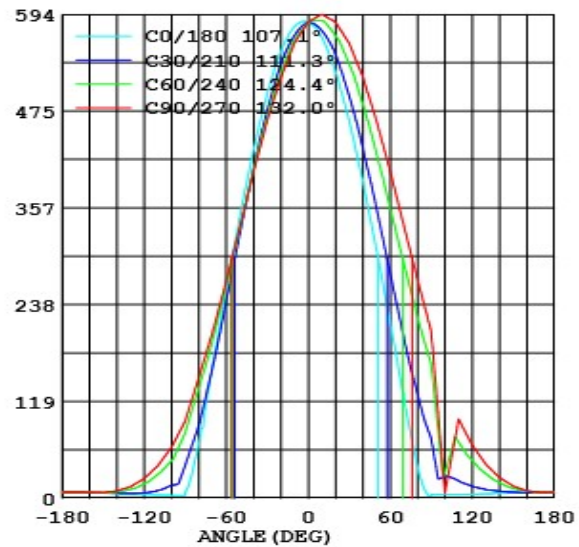
SERIAL No.:

DATA OF LAMP		Imax(cd)	595.2	S/MH (C0/180)	1.26
MODEL		EFFICIENCY(%)	100.0	S/MH (C90/270)	1.19
NOMINAL POWER (W)	18	TOTAL FLUX(lm)	2037.0	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	117.3	Current (A)	0.080
NOMINAL FLUX(lm)	2037.0	η up (%)	7.5	Power (W)	17.36
LAMPS QUANTITY	1	η down (%)	92.5	Power Factor (PF)	0.978
TEST VOLTAGE (V)	219.9	Effective Flux(lm)	0.0	EEI	0.000

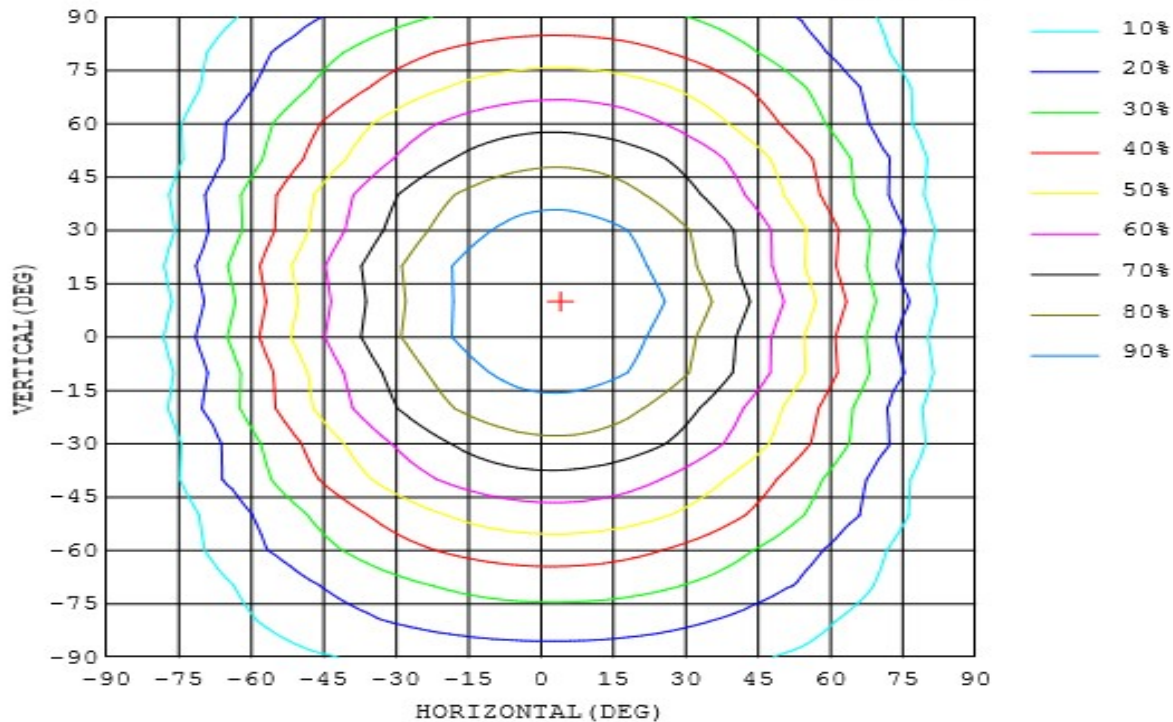
LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



UNIT: cd



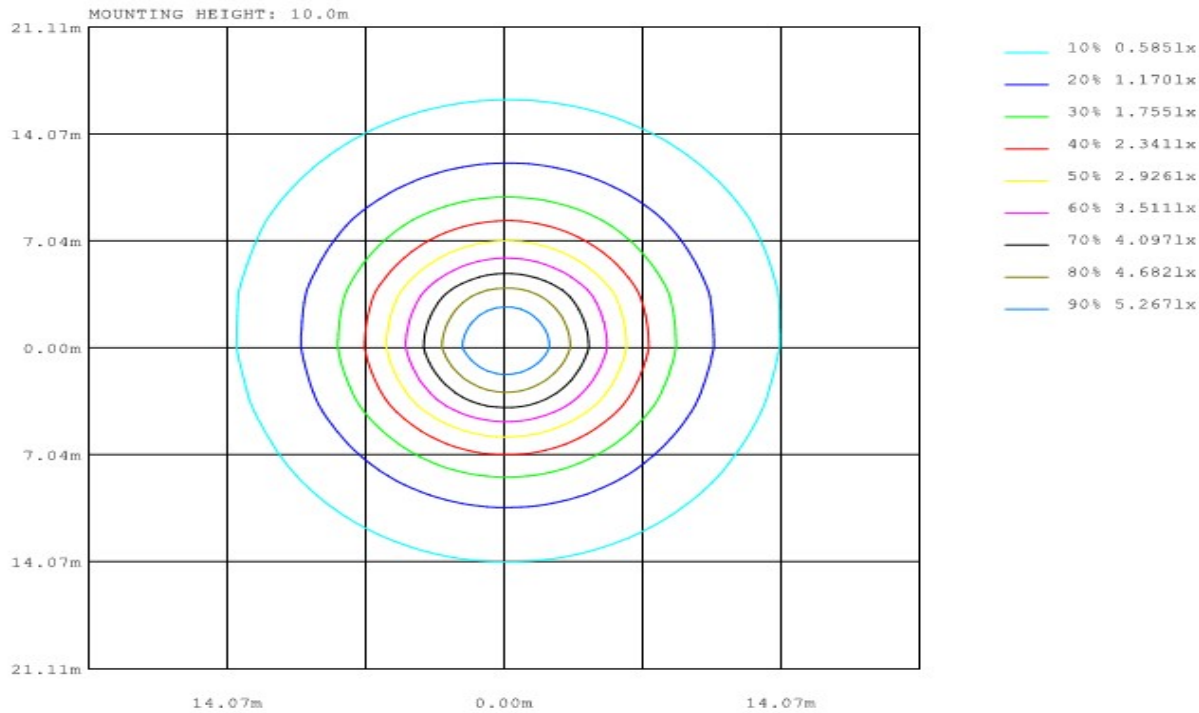


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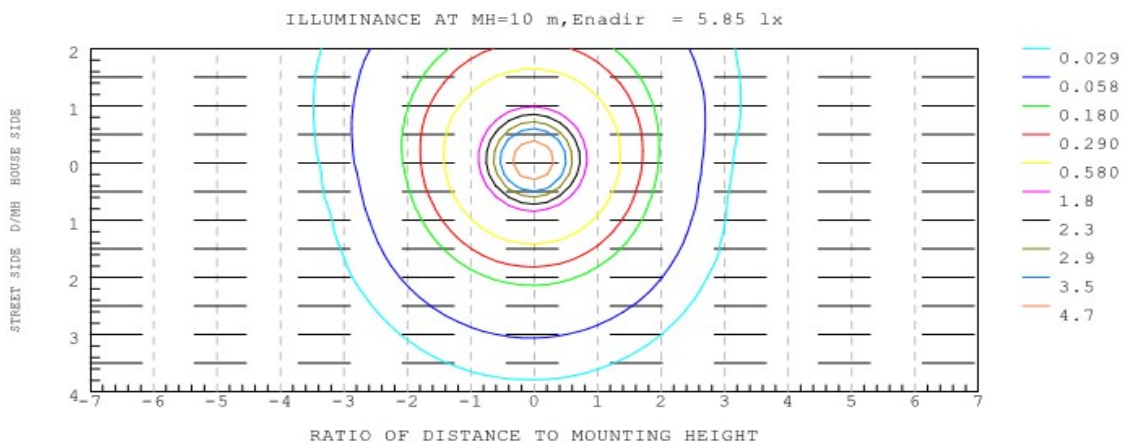
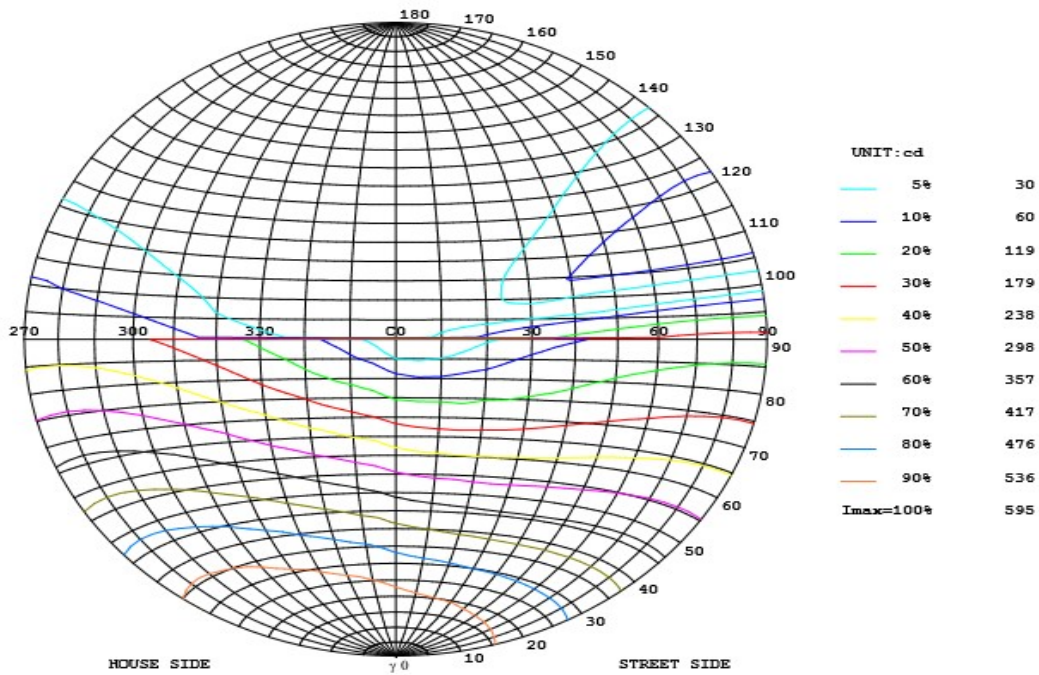
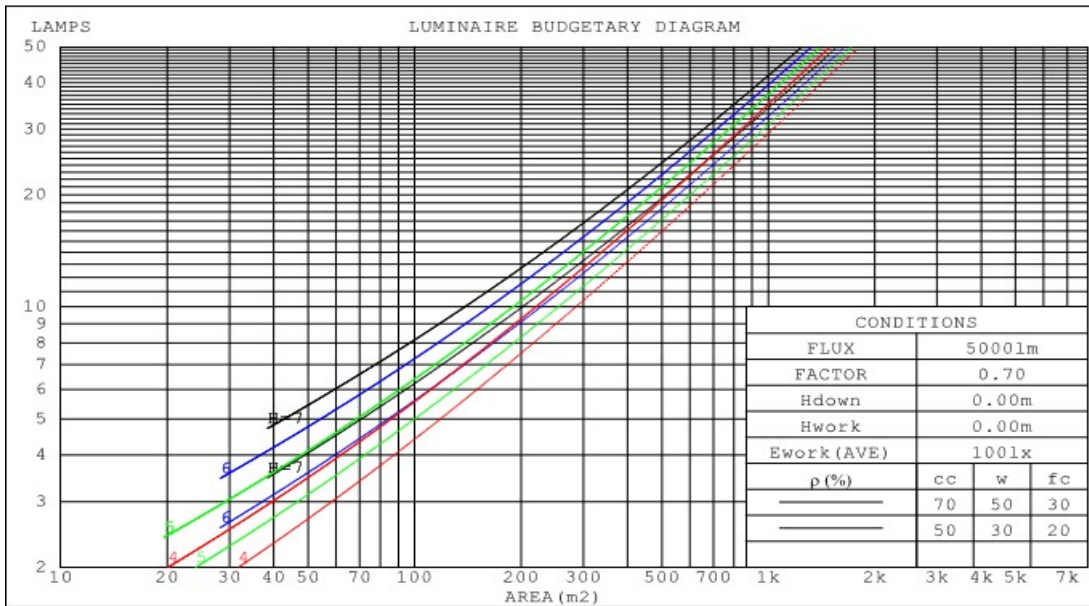
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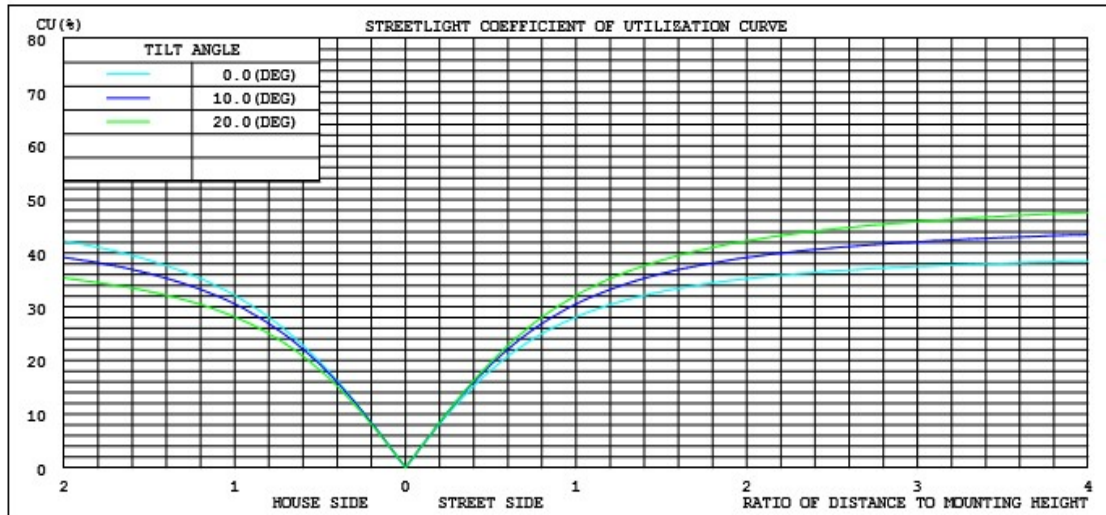
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y	C0	C45	C90	C135	C180	C225	C270	C315	y	Zone	Total
5.0	585.0	576.4	572.0	571.8	578.2	583.9	589.5	588.9	0- 5	13.92	13.92
10.0	578.9	565.1	559.1	556.2	565.8	580.2	594.2	589.9	5- 10	41.27	55.19
15.0	566.4	549.3	537.8	536.2	546.7	572.0	589.3	586.7	10- 15	67.24	122.4
20.0	548.6	526.3	516.6	509.8	523.7	555.7	584.5	574.9	15- 20	90.84	213.2
25.0	524.8	501.3	490.0	481.3	494.5	537.5	571.5	561.0	20- 25	111.4	324.7
30.0	497.2	471.0	463.5	449.4	462.7	514.1	558.5	540.5	25- 30	128.3	453.0
35.0	463.9	438.2	431.9	415.2	426.3	486.5	537.8	516.5	30- 35	141.2	594.2
40.0	427.7	403.5	400.2	380.5	388.1	458.3	517.0	489.5	35- 40	149.6	743.9
45.0	387.9	365.8	366.9	341.6	346.3	423.9	490.1	457.4	40- 45	153.6	897.5
50.0	346.6	327.6	333.6	304.4	304.5	390.8	463.1	424.3	45- 50	153.2	1051
55.0	301.6	288.6	299.9	266.6	259.4	353.7	432.1	387.0	50- 55	148.8	1200
60.0	257.1	250.0	266.2	230.9	214.7	318.4	401.1	349.4	55- 60	140.7	1341
65.0	209.4	213.3	234.9	194.9	170.0	280.4	367.8	312.2	60- 65	129.5	1470
70.0	162.0	178.2	203.6	162.2	127.8	244.8	334.4	274.3	65- 70	115.9	1586
75.0	114.3	145.1	176.2	132.5	78.64	211.6	301.4	236.6	70- 75	100.6	1687
80.0	69.33	116.8	148.7	105.3	39.10	178.5	268.4	202.3	75- 80	84.61	1771
85.0	29.89	88.10	121.7	80.23	11.02	148.9	236.5	170.0	80- 85	68.97	1840
90.0	7.399	62.67	94.86	57.32	3.185	123.3	204.7	139.3	85- 90	54.64	1895
95.0	3.283	43.21	78.74	33.25	4.361	60.51	105.3	46.84	90- 95	36.38	1931
100.0	3.430	31.21	62.62	23.57	4.410	41.58	6.027	28.43	95-100	17.65	1949
105.0	3.626	24.52	51.27	22.83	4.459	54.05	51.57	60.29	100-105	15.17	1964
110.0	3.822	18.99	39.93	17.88	4.557	44.49	97.11	50.01	105-110	17.44	1982
115.0	4.067	14.71	31.99	13.89	4.704	36.39	81.16	40.79	110-115	15.67	1997
120.0	4.410	11.32	24.05	10.76	4.900	29.53	65.21	32.20	115-120	12.26	2010
125.0	4.753	9.337	19.11	9.155	5.145	24.41	53.36	26.38	120-125	9.551	2019
130.0	5.096	7.507	14.16	7.695	5.439	19.44	41.50	20.78	125-130	7.353	2027
135.0	5.439	7.043	11.58	7.027	5.733	16.28	33.41	17.30	130-135	5.676	2032
140.0	5.782	6.563	9.016	6.390	6.027	13.10	25.33	13.78	135-140	4.364	2037
145.0	6.076	6.567	7.987	6.548	6.223	11.27	20.11	11.67	140-145	3.386	2040
150.0	6.370	6.702	6.958	6.798	6.468	9.606	14.89	9.734	145-150	2.626	2043
155.0	6.566	6.829	7.056	6.958	6.664	8.386	12.05	8.394	150-155	2.059	2045
160.0	6.762	7.018	7.154	7.056	6.860	7.717	9.212	7.723	155-160	1.598	2046
165.0	6.958	7.163	7.227	7.150	6.958	7.018	8.085	7.018	160-165	1.206	2048
170.0	7.105	7.221	7.301	7.217	7.056	6.951	6.958	6.937	165-170	0.848	2048
175.0	7.203	7.252	7.301	7.283	7.105	7.052	7.031	7.021	170-175	0.509	2049
180.0	7.301	7.301	7.301	7.301	7.105	7.105	7.105	7.105	175-180	0.171	2049
DEG	LUMINOUS INTENSITY:cd								UNIT:lm		



ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.18	1.18	1.18	1.14	1.14	1.14	1.08	1.08	1.08	1.01	1.01	1.01	.96	.96	.96	.93
1.0	.00	.95	.90	.97	.92	.88	.91	.87	.84	.86	.83	.80	.81	.78	.76	.73
2.0	.86	.78	.72	.83	.76	.70	.78	.73	.68	.74	.69	.65	.70	.66	.62	.60
3.0	.75	.66	.59	.73	.64	.58	.69	.62	.56	.65	.59	.54	.61	.56	.52	.49
4.0	.66	.57	.49	.64	.55	.49	.61	.53	.47	.57	.51	.46	.54	.49	.44	.42
5.0	.59	.49	.42	.57	.48	.42	.54	.46	.41	.51	.45	.39	.49	.43	.38	.36
6.0	.53	.43	.37	.51	.43	.36	.49	.41	.35	.46	.40	.34	.44	.38	.33	.31
7.0	.48	.39	.32	.47	.38	.32	.44	.37	.31	.42	.35	.30	.40	.34	.30	.27
8.0	.43	.35	.29	.42	.34	.28	.40	.33	.28	.39	.32	.27	.37	.31	.26	.24
9.0	.40	.31	.26	.39	.31	.25	.37	.30	.25	.36	.29	.24	.34	.28	.24	.22
10.0	.37	.29	.23	.36	.28	.23	.34	.27	.23	.33	.27	.22	.32	.26	.22	.20





Installation / Replacement



DANGER -RISK OF SHOCK: Disconnect the Power Before Installation

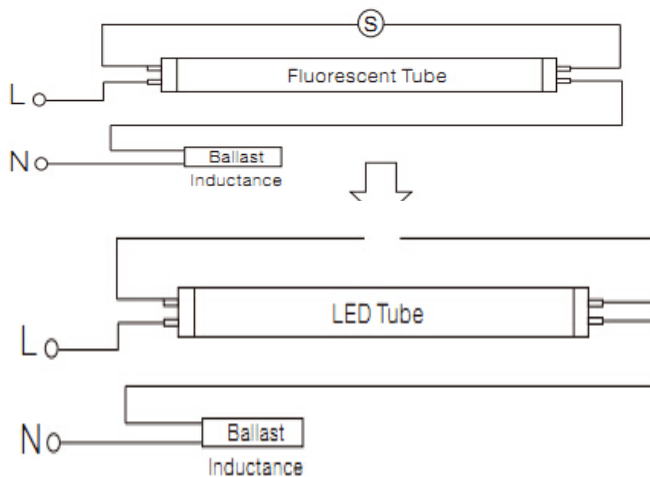
1. If you choose the led tube with power at two end,

A. If the fluorescent tube fixture has ballast and starter,

Step 1. Remove the starter

Step 2. Remove the fluorescent and install the led tube.

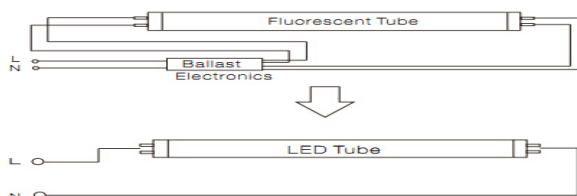
Note: No need to take out the ballast



B. If the fluorescent tube fixture only has ballast,

Step 1. Remove the Ballast

Step 2. Re-wire the fixture as picture show



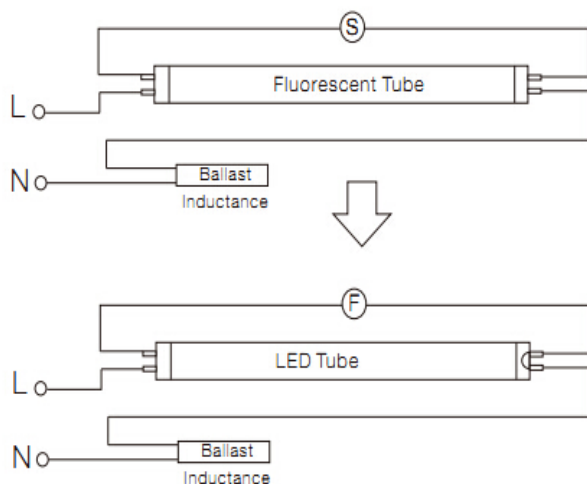
2. If you choose the led tube with power at one end,

A. If the fluorescent tube fixture has ballast and starter,

Step 1. Remove the starter

Step 2. Install the led fuse.

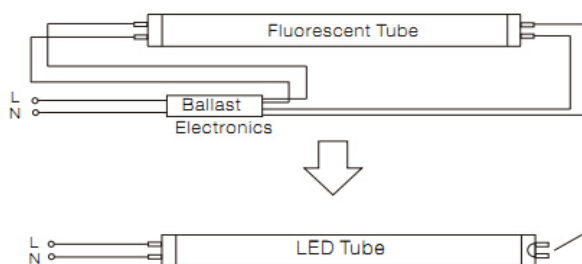
Note: No need to take out the ballast



B. If the fluorescent tube fixture only has ballast,

Step 1. Remove the Ballast

Step 2. Re-wire the fixture as picture show



Note: Two pins are connected here, please put the tube at the right end to avoid short circuit



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Package info



30cm 60cm
45cm 90cm
120cm
150cm
180cm
240cm

Carton size 25pcs/carton 60cm*26cm*26cm
Carton size 25pcs/carton 105cm*26cm*26cm
Carton size 25pcs/carton 135cm*26cm*26cm
Carton size 25pcs/carton 165cm*26cm*26cm
Carton size 25pcs/carton 185cm*26cm*26cm
Carton size 25pcs/carton 2550cm*26cm*26cm



Caution

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION MANUAL BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

DO NOT USE IT OUTDOOR, IT IS ONLY BE USED INDOOR.

DO NOT DIS-ASSEMBLE OR MODIFY THE LAMP.

DO NOT TOUCH THE SHELL BODY WHEN THE LAMP IS WORKING.



Warning

DIS-CONNECT THE POWER BEFORE INSTALLATION.

THE VOLTAGE IS AC85-265V or AC110-277V MAKE SURE THE VOLTAGE IS SUITABLE BEFORE USAGE.

KEEP AWAY IT FROM CHILDREN.