

Project Name:

Notes:

Distribution Partner:



320° Light Distribution



Product Series:	Tubul®RCH
Lamp Type:	LED T5 Type-A
Base Type:	G5 Miniature Bi-Pin
Wattage Eqv:	39W (4FT T5HE) 54W (4FT T5HO)
CCT Options:	3000K 3500K 4100K 5000K
Operating Temp:	-20°C/-4°F to 45°C/113°F
Regulatory:	UL Damp Location
Warranty:	5-Year, 50,000Hr



KEY FEATURES

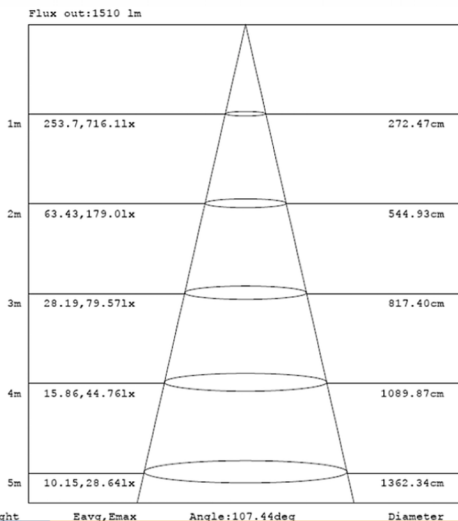
- ✓ Full Length Glass Lens with 320° Lighting Distribution
- ✓ Uniform, End-to-End Light Output w/ Zero Pixelation
- ✓ Universal Input Voltage: 120-277V, 347V
- ✓ Instant-ON w/ No Flicker
- ✓ Highly Efficient, Up To 135lm/W Bare Lamp
- ✓ Compatible to Wide-Range of Electronic Ballasts
- ✓ Nearly 70% Energy Savings Over Fluorescents
- ✓ UL, DLC QPL, and ETL Sanitation Listed

PERFORMANCE SPECIFICATIONS

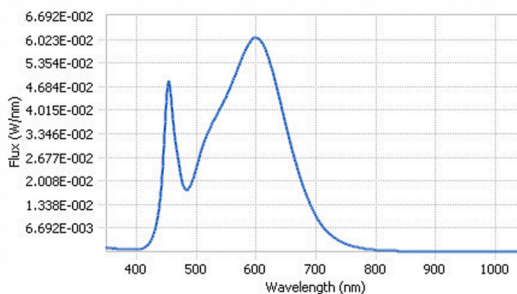
MODEL	LAMP TYPE	BARE LAMP / SYSTEM (W)*	EQUIV. WATTAGE	INPUT VOLTAGE*	NOMINAL LUMENS*	CCT	CRI	THD	PF	CARTON QTY	LIGHT SPREAD	DLC QPL
LT5F160030K1	T5HE 4ft	13W / 16W	39W	120-277V, 347V	1,800LM	3000K	83	<10%	>0.95	25	320°	
LT5F160035K1	T5HE 4ft	13W / 16W	39W	120-277V, 347V	1,800LM	3500K	83	<10%	>0.95	25	320°	
LT5F160041K1	T5HE 4ft	13W / 16W	39W	120-277V, 347V	1,850LM	4100K	83	<10%	>0.95	25	320°	
LT5F160050K1	T5HE 4ft	13W / 16W	39W	120-277V, 347V	1,900LM	5000K	83	<10%	>0.95	25	320°	
LT5F330035K2	T5HO 4ft	24W / 27W	54W	120-277V, 347V	3,200LM	3500K	83	<10%	>0.95	25	320°	
LT5F330041K2	T5HO 4ft	24W / 27W	54W	120-277V, 347V	3,200LM	4100K	83	<10%	>0.95	25	320°	
LT5F330050K2	T5HO 4ft	24W / 27W	54W	120-277V, 347V	3,300LM	5000K	83	<10%	>0.95	25	320°	

* Ballast dependent

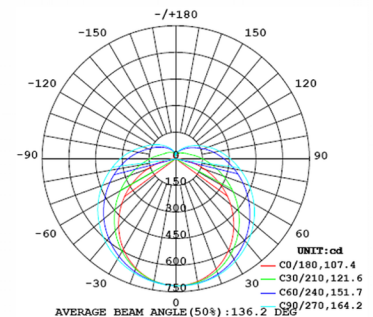
BEAM ANGLE



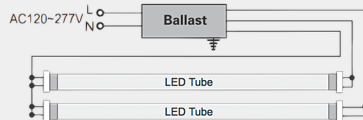
SPECTRAL POWER DISTRIBUTION



POLAR CANDELA SPREAD



BALLAST CONFIGURATION



MODEL NUMBER SYNTAX

LT5F **3300** **41** **K2**

LED T5 Nominal Lumen CCT Generation Code

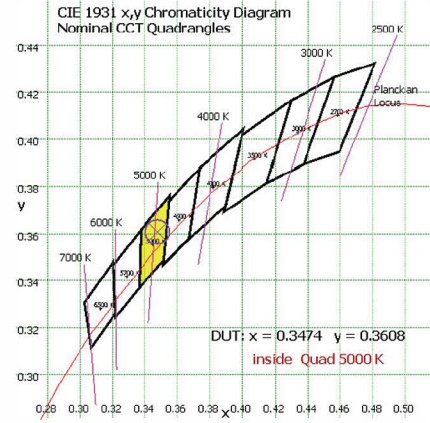
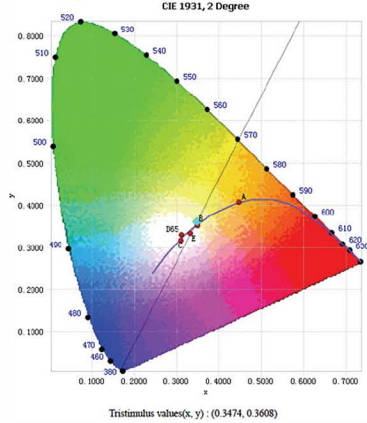
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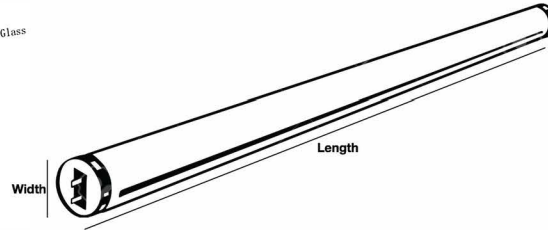
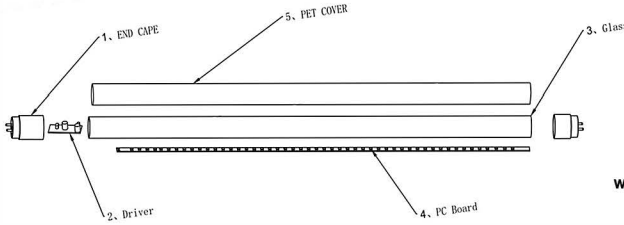
SPHERE-SPECTRORADIOMETER METHOD (5000K)

Parameter	Result	
Test Voltage (V)	120.0	277.0
Voltage frequency (Hz)	60	60
Test Current (A)	0.498	0.219
Power Factor	0.9872	0.9672
Test Power (W)/2	29.46	29.39
THD A%	9.64	16.48
Luminous Efficacy (lm/W)	118.0	119.0
Total Luminous Flux (lm)	3476.3	3497.4
Color Rendering Index (CRI)	81.8	
R9	4.5	
Correlated Color Temperature (CCT)(K)	4943	
Chromaticity Chroma x	0.3474	
Chromaticity Chroma y	0.3608	
Chromaticity Chroma u	0.2095	
Chromaticity Chroma v	0.3263	
Duv	0.0036	
Chromaticity Chroma u'	0.2095	
Chromaticity Chroma v'	0.4894	



Special Color Rendering Indices													
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
79.3	86.9	92.3	80.6	79.5	81.4	87.8	66.5	4.6	68.6	78.8	56	71.2	95.9

MECHANICAL CHARACTERISTICS



Lamp:	LED T5
Construction:	All Glass
Width:	0.69"
Length:	4FT
Base:	G5

BALLAST COMPATIBILITY**

High Efficiency

High Output

- 1-Lamp Load
120-277V, 347V, 480V
- 2-Lamp Load
120-277V, 347V, 480V
- 3-Lamp Load
120-277V, 347V, 480V
- 4-Lamp Load
120-277V, 347V, 480V

** Visit www.archipelagolighting.com for the up-to-date ballast compatibility list.