

Project Name:

Notes:

Distribution Partner:



320° Light Distribution



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



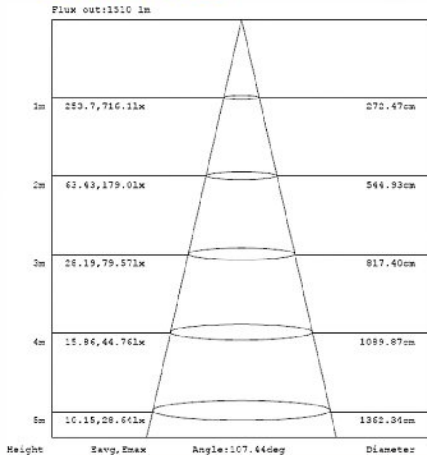
**KEY FEATURES**

- ☑ Full Length Glass Lens with 320° Lighting Distribution
- ☑ Uniform, End-to-End Light Output w/ Zero Pixelation
- ☑ Universal Input Voltage: 120-277V
- ☑ Instant-ON w/ No Flicker
- ☑ Highly Efficient, Up To 135lm/W
- ☑ Operates direct-wire from line voltage
- ☑ Nearly 70% Energy Savings Over Fluorescents
- ☑ UL, DLC QPL, and NSF-2 Listed

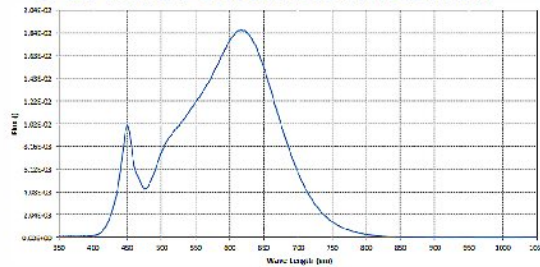
**PERFORMANCE SPECIFICATIONS**

MODEL	LAMP TYPE	LAMP WATTAGE	EQUIV. WATTAGE	INPUT VOLTAGE	NOMINAL LUMENS	CCT	CRI	THD	PF	CARTON QTY	LIGHT SPREAD	DLC QPL
LT5F41330BP1	T5HE 4ft	13W	39W	120-277V	1,600LM	3000K	83	<20%	>0.9	25	320°	DLC QPL
LT5F41335BP1	T5HE 4ft	13W	39W	120-277V	1,600LM	3500K	83	<20%	>0.9	25	320°	DLC QPL
LT5F41341BP1	T5HE 4ft	13W	39W	120-277V	1,650LM	4100K	83	<20%	>0.9	25	320°	DLC QPL
LT5F41350BP1	T5HE 4ft	13W	39W	120-277V	1,700LM	5000K	83	<20%	>0.9	25	320°	DLC QPL
LT5F42530BP1	T5HO 4ft	25W	54W	120-277V	3,200LM	3000K	83	<20%	>0.9	25	320°	DLC QPL
LT5F42535BP1	T5HO 4ft	25W	54W	120-277V	3,200LM	3500K	83	<20%	>0.9	25	320°	DLC QPL
LT5F42541BP1	T5HO 4ft	25W	54W	120-277V	3,300LM	4100K	83	<20%	>0.9	25	320°	DLC QPL
LT5F42550BP1	T5HO 4ft	25W	54W	120-277V	3,400LM	5000K	83	<20%	>0.9	25	320°	DLC QPL

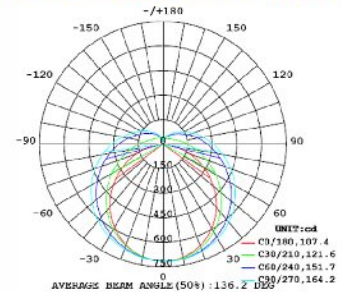
**BEAM ANGLE**



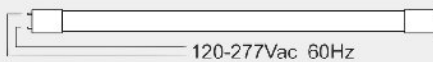
**SPECTRAL POWER DISTRIBUTION**



**POLAR CANDELA SPREAD**



**WIRING CONFIGURATION**



**MODEL NUMBER SYNTAX**

**LT5F 4 25 41 BP1**  
LED T5 Length (ft) Watt CCT Genrated Code

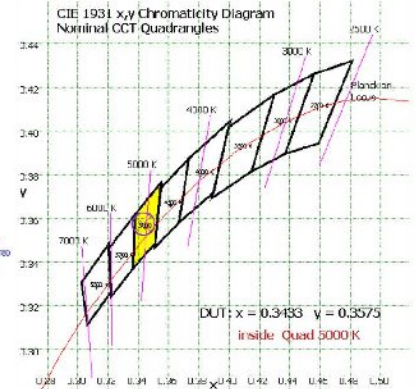
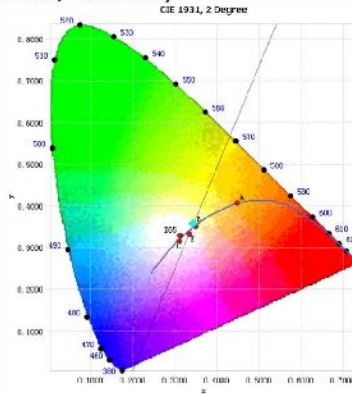
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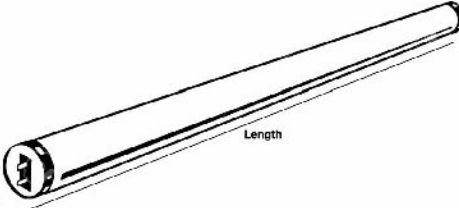
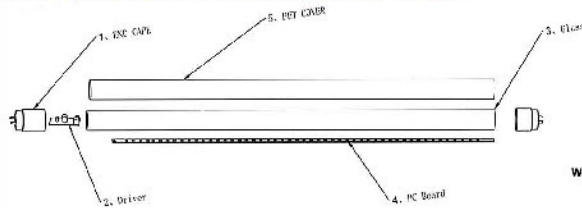
**SPHERE-SPECTRORADIOMETER METHOD (T5HO, 5000K)**

Parameter	Result	
Test Voltage (V)	120.0	277.0
Voltage frequency (Hz)	60	60
Test Current (A)	0.207	0.097
Power Factor	0.9953	0.9238
Test Power (W)	24.68	24.73
THD A%	5.67	9.12
Luminous Efficacy (lm/W)	131.9	132.3
Total Luminous Flux (lm)	3255.0	3273.0
Color Rendering Index (CRI)	82.2	
R9	6.7	
Correlated Color Temperature (CCT)(K)	5082	
Chromaticity Chroma x	0.3433	
Chromaticity Chroma y	0.3575	
Chromaticity Chroma u	0.2080	
Chromaticity Chroma v	0.3248	
Duv	0.0030	
Chromaticity Chroma u'	0.2080	
Chromaticity Chroma v'	0.4873	



Special Color Rendering Indices													
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
80.3	86.4	90.9	82.8	81.2	81.5	87	67.8	6.7	67.8	82.1	61.9	81.6	95.1

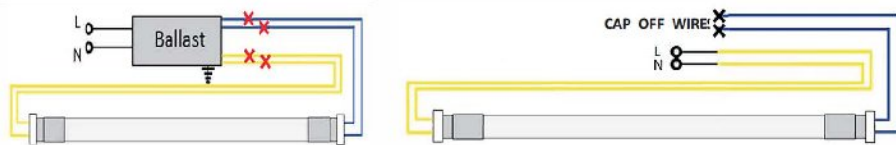
**MECHANICAL CHARACTERISTICS**



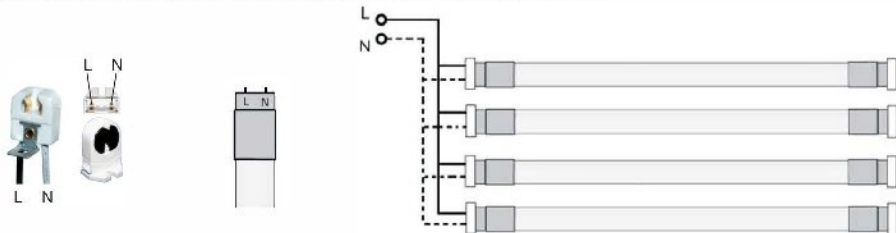
<b>Lamp:</b>	LED T5
<b>Construction:</b>	All Glass
<b>Width:</b>	0.69"
<b>Length:</b>	4FT
<b>Base:</b>	G5

**BYPASS WIRING DIAGRAMS\***

1. Shut OFF power and disconnect connections to existing ballast as shown below.



2. Connect wirings as shown below and turn ON the AC power source.



**CAUTION:** Single-ended input CANNOT be used with shunted lampholders



**WARNING** – To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

**WARNING** – To avoid potential fire or shock hazard, do not use this retrofit kit in luminaires employing shunted bi-pin lamp holders. Note: Shunted lamp holders are found only in fluorescent luminaires with Instant-Start ballasts.

\* Visit [www.archipelago-lighting.com](http://www.archipelago-lighting.com) for the full up-to-date installation guide.  
\*\* Single ended input CANNOT be used with shunted lampholders.