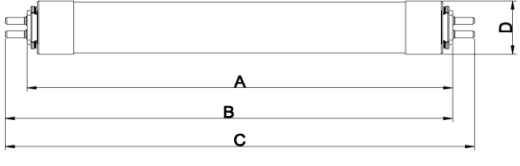


# JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO.,LTD

Document No.:

<b>Title</b>	<b>T5L Performance Requirements</b>	Version: A0			
		Page: 1/1			
<b>Specification</b>	<b>T5L-ISFH14-3500-4ft-XBA-01</b>				
<b>Market: North America</b>					
<b>1 Dimensions &amp; Cap</b>					
	Referenced standard	Dimension	Min	Max	Unit
	IEC60081-A2005	A	/	1149.0	mm
		B	1153.7	1156.1	mm
		C	/	1163.2	mm
		D	18.80	19.20	mm
		Cap	G5		
<b>2 Testing condition and method</b>					
Temperature: 25°C ±5°C, Humidity: ≤65%, No air flow					
<b>3 Electrical Characteristics</b>					
Parameter	Symbol	Referenced standard	Rated	Tolerance	Unit
Input Voltage	U	DLC 5.1	120-277		V
Line frequency	f		50/60		Hz
Power Factor	PF		0.90	-3%	/
Total Harmonic Distortion	THD		20%	+ 5%	/
Ignition Time	t		≤1.0		s
Rated Power per lamp	P		25.0	±10%	W
Dimming Type	/		0-10V Continuous dimming by Super selected dimmer		
<b>4 Photometrical Characteristics</b>					
Parameter	Symbol	Referenced standard	Rated	Tolerance	Unit
Lumen < 4000K	Φ	DLC 5.1	3300	-10%	lm
Lumen ≥ 4000K			3500		
Efficacy < 4000K	η		132	-10%	lm/W
Efficacy ≥ 4000K			140		
<b>5 Color Characteristics</b>					
Parameter (Color)	Symbol	Referenced standard	Rated	Tolerance	Unit
CCT-3000K		ANSI C78.377 DLC 5.1	x=0.4338 y=0.4030		
CCT-3500K			x=0.4073 y=0.3917		
CCT-4000K			x=0.3818 y=0.3797		
CCT-4500K			x=0.3611 y=0.3658		
CCT-5000K			x=0.3447 y=0.3553		
CRI	Ra		82	-2	/
Color tolerance	/	≤5		SDCM	
<b>6 Lumen maintenance &amp; Life</b>					
Parameter	Symbol	Referenced standard	Rated	Unit	
Lumen Maintenance at 6000hrs	/	DLC 5.1	95.8%	/	
Life	t		50,000	h	
<b>7 Operation Temperature &amp; Storage Temperature</b>					
Parameter	Symbol	Referenced standard	Min	Max	Unit
Ambient Temperature	T <sub>A</sub>	/	-20	45	°C
Storage Temperature	T <sub>st</sub>		-40	85	°C