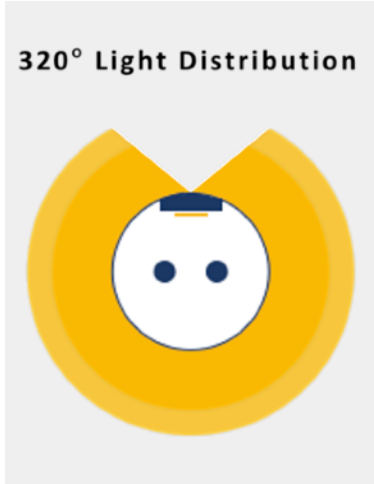


Project Name:	Fixture Schedule:	Product Number:	Notes:
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Product Series:	TUBULARARCH SPEC GRADE
Lamp Type:	LED smarT5 Dual Mode Type A+B
Base Type:	G5 Miniature Bi-Pin
Wattage Equivalent:	39W (4FT T5HE) 54W (4FT T5HO)
CCT Options:	3000K 3500K 4100K 5000K
Operating Temperature:	-4°F to 113°F
Regulatory:	UL Damp Location
QPL Rebate:	DLC Standard
Warranty¹:	7 Years 50,000 Hours



KEY FEATURES

✓ Full Length Glass Lens With 320° Light Distribution	✓ Compatible to shunted and/or non-shunted lamp holders
✓ Uniform, End To End Light Output W/ Zero Pixelation	✓ Dimmable When Used With Compatible Dimming Ballast
✓ smarT5: Compatible To Ballast (UL-A) And Bypass (UL-B)	✓ Suitable For Enclosed, Dry And Damp Locations
✓ Bypass (UL-B) May Be Single-Ended Or Doubled-Ended	✓ All Glass Construction w/ PET Coating for ETL Sanitization Listing (per NSF Standards)

PERFORMANCE SUMMARY

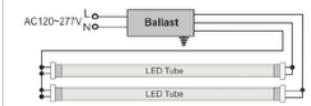
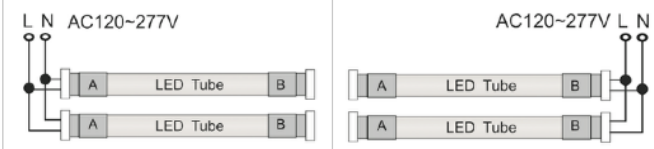
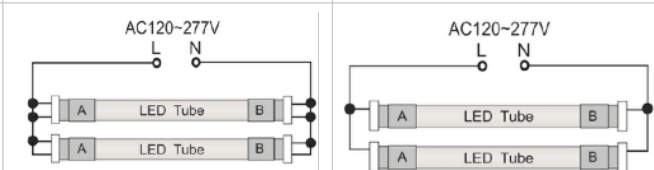
MODELS	LENGTH	WATT LUMEN	CCT OPTION: [xx]	REGULATORY & QPL LISTING	WARRANTY	CARTON QTY
LT5F212xxU5	2FT HO	12W 1500LM	30-35-40-5000K	UL DLC	7 Years - 50,000Hrs	25
LT5F318xxU5	3FT HO	18W 2250LM	30-35-40-5000K	UL DLC	7 Years - 50,000Hrs	25
LT5F415xxU5	4FT HE	15W 1900LM	30-35-40-5000K	UL DLC	7 Years - 50,000Hrs	25
LT5F424xxU5	4FT HO	24W 3200LM	30-35-40-5000K	UL DLC	7 Years - 50,000Hrs	25



ORDERING GUIDE

MODEL NUMBERS	FAMILY	LAMP TYPE	LENGTH	WATTAGE	CCT	OPERATION
2FT						
LT5F21230U5 LT5F21235U5 LT5F21241U5 LT5F21250U5	LT Linear Tube	5F T5 Frosted	2 2FT	12 12W	30 3000K 35 3500K 41 4100K 50 5000K	U5 Universal A+B
3FT						
LT5F31830U5 LT5F31835U5 LT5F31841U5 LT5F31850U5	LT Linear Tube	5F T5 Frosted	3 3FT	18 18W	30 3000K 35 3500K 41 4100K 50 5000K	U5 Universal A+B
4FT						
LT5F41530U5 LT5F41535U5 LT5F41541U5 LT5F41550U5	LT Linear Tube	5F T5 Frosted	4 4FT	15 15W	30 3000K 35 3500K 41 4100K 50 5000K	U5 Universal A+B
LT5F42430U5 LT5F42435U5 LT5F42441U5 LT5F42450U5	LT Linear Tube	5F T5 Frosted	4 4FT	24 24W	30 3000K 35 3500K 41 4100K 50 5000K	U5 Universal A+B

INSTALLATION METHODS

INSTALLATION TYPE	CONFIGURATION DIAGRAM
Ballast Compatible (UL-A) Make sure the ballast is on the compatible list. If the ballast you intend on using is not on the list, you may choose to use ballast bypass mode shown below.	 <p>The diagram shows an AC120-277V power source with L, N, and G lines. A ballast is connected to the L and N lines. The ballast's output is connected to the A and B pins of two LED tubes.</p>
Bypass Single-Ended (UL-B) Make sure to use non-shunted lampholder for use to connect to the powered end.	 <p>The diagram shows two configurations for single-ended bypass. In the first, AC120-277V L and N lines are connected to the A pins of two LED tubes. In the second, the L and N lines are connected to the B pins of two LED tubes.</p>
Bypass Double-Ended (UL-B) May be wired as bi-pin powered or single-pin powered as shown in the configuration diagram to the right.	 <p>The diagram shows two configurations for double-ended bypass. In the first, AC120-277V L and N lines are connected to the A pins of two LED tubes. In the second, the L and N lines are connected to the B pins of two LED tubes.</p>



PERFORMANCE SPECIFICATIONS

MODEL NUMBERS	DLC PRODUCT ID	BARE LAMP (UL-B) SYSTEM (UL-A) (W)	LUMEN	EFFICACY	CCT	CRI	PF	INPUT VOLTAGE
2FT								
LT5F21230U5 LT5F21235U5 LT5F21241U5 LT5F21250U5	LT5F21230U5 LT5F21235U5 LT5F21241U5 LT5F21250U5	12W 14W			3000K 3500K 4100K 5000K	≥83	≥0.90	120-277V 50/60Hz
3FT								
LT5F31830U5 LT5F31835U5 LT5F31841U5 LT5F31850U5	LT5F31830U5 LT5F31835U5 LT5F31841U5 LT5F31850U5	18W 20W			3000K 3500K 4100K 5000K	≥83	≥0.90	120-277V 50/60Hz
4FT								
LT5F41530U5 LT5F41535U5 LT5F41541U5 LT5F41550U5	LT5F41530U5 LT5F41535U5 LT5F41541U5 LT5F41550U5	15W 17W			3000K 3500K 4100K 5000K	≥83	≥0.90	120-277V 50/60Hz
LT5F42435U5 LT5F42441U5 LT5F42450U5	PL7AUIURKJFR PL9H98OCQGN9 PL2H9XJKIXF7	24W 26W	3850LM 3850LM 3850LM	124LM/W 123LM/W 123LM/W	3500K 4100K 5000K	≥83	≥0.96	120-277V 50/60Hz

BALLAST COMPATIBILITY LIST

BRAND	MODEL	BALLAST TYPE	LAMP QTY	INPUT VOLTAGE (Vac)	INPUT CURRENT (mA)	INPUT WATTAGE (W)	OUTPUT VOLTAGE (Vdc)	OUTPUT CURRENT (mA)	OUTPUT WATTAGE (W)	POWER FACTOR
ADVANCE	ICN-2S54-N	HO Program Start	1	120	0.253	30.15	67.13	0.361	24.21	0.992
				277	0.119	30.69	66.79	0.366	24.44	0.928
			2	120	0.499	59.79	66.92	0.365	24.44	0.997
				277	0.220	59.77	67.18	0.367	24.66	0.982
	ICN-2S54-T	HO Program Start	1	120	0.266	31.74	67.31	0.375	25.26	0.993
				277	0.122	32.47	67.26	0.382	24.7	0.959
			2	120	0.517	61.98	67.41	0.379	25.58	0.997
				277	0.266	61.61	67.58	0.381	25.73	0.985
	ICN-2S54-90C-N	HO Program Start	1	120	0.233	27.75	66.14	0.325	21.5	0.990
				277	0.111	28.36	65.95	0.329	21.72	0.923
			2	120	0.46	54.92	66.30	0.327	21.66	0.996
				277	0.202	54.80	66.12	0.329	21.74	0.977
	ICN-2S54-90C-T	HO Program Start	1	120	0.267	31.83	67.43	0.379	25.58	0.994
				277	0.121	32.33	67.24	0.384	25.81	0.965
			2	120	0.516	61.82	67.16	0.375	25.19	0.997
				277	0.224	61.36	67.00	0.376	25.22	0.987
	ICN-4S54-90C-2LS-G	HO Program Start	2	120	0.523	62.58	67.55	0.380	25.65	0.996
				277	0.235	62.53	67.15	0.383	25.70	0.961
			4	120	1.020	122.2	67.44	0.378	25.46	0.997
				277	0.448	121.4	67.13	0.381	25.58	0.978
ADVANCE	ICN-2S54-90C-W	HO	1	347	0.096	32.55	67.00	0.371	24.86	0.969



BRAND	MODEL	BALLAST TYPE	LAMP QTY	INPUT VOLTAGE (Vac)	INPUT CURRENT (mA)	INPUT WATTAGE (W)	OUTPUT VOLTAGE (Vdc)	OUTPUT CURRENT (mA)	OUTPUT WATTAGE (W)	POWER FACTOR
OSRAM	NON-PSN-347-480-VE	Program Start	2	347	0.18	61.35	67.29	0.378	25.44	0.985
GE	GE254MVPS90-A-L	HO Program Start	1	120	0.263	31.46	66.25	0.324	21.48	0.992
				277	0.129	31.49	66.47	0.325	21.55	0.877
			2	120	0.484	57.82	66.62	0.327	21.78	0.997
				277	0.218	58.43	66.19	0.325	21.51	0.97
	GE254MVPS-D-1	HO Program Start	1	120	0.259	30.95	66.81	0.371	24.76	0.996
				277	0.123	31.28	66.92	0.371	24.79	0.922
			2	120	0.502	60.19	67.33	0.374	25.21	0.999
				277	0.220	59.33	67.03	0.375	25.11	0.976
	GE454PS347/480-E	HO Program Start	1	347	0.12	38.08	66.59	0.354	23.56	0.917
			4	347	0.329	112.4	66.36	0.328	21.8	0.984
ESPEN	VE454MVHRP 11088	HO Program Start	2	120	0.596	71.35	67.46	0.404	24.26	0.993
				277	0.279	72.96	67.29	0.405	27.28	0.944
			4	120	1.114	137.1	67.58	0.404	27.31	0.998
				277	0.501	135.1	67.62	0.401	27.09	0.974
	VE254MVHRP 11101	HO Program Start	1	120	0.245	29.2	66.69	0.342	22.78	0.992
				277	0.101	22.65	66.35	0.341	22.14	0.812
			2	120	0.452	54.05	66.41	0.327	21.7	0.996
				277	0.211	56.59	66.35	0.338	22.39	0.969
OSRAM	QTP 2x54T5HO/347-480 PSN HT	HO Program Start	1	347	0.085	28.07	66.44	0.31	20.58	0.956
			2	347	0.152	51.47	66.45	0.307	20.43	0.978
UNIVERSAL	B454PUNV-E	HO Program Start	1	120	0.233	27.75	66.14	0.325	21.5	0.990
				277	0.137	28.93	66.01	0.312	20.59	0.762
			4	120	0.855	102.3	66.32	0.318	21.07	0.996
				277	0.382	101.9	66.18	0.316	20.94	0.963
KEYSTONE	KTEB-113-1-TP-SN-MB/A	HE Rapid Start	1	120	0.177	12.4	63.8	0.165	10.51	0.584

WARRANTY



7 Year



50,000 Hours

The lesser of 7-Years after shipment by Seller, or 50,000-Hours of use.

This product line may be eligible for extended 10-Years warranty with an additional fee. Contact ARCHIPELAGO for additional details.

ARCHIPELAGO will not under any circumstances whether as a result of breach of contract, breach of warranty, tort, strict liability or otherwise be liable for consequential, incidental, special or exemplary damages including but not limited to, loss of profits or revenues, loss of use of the above product or any other goods or associated equipment or damage to any associated equipment, cost of capital, cost of substituted products, facilities of services, downtime cost, or claims of claimant's customers.

For a complete documentation of ARCHIPELAGO Lighting, Inc. warranty and limitation of liability, please refer to www.archipelagolighting.com.

QUESTIONS?

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Montclair, CA 91763

USA PRODUCTION FACILITY:
7345 Sycamore Canyon Blvd,
Riverside, CA 92508

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