

Project Name:

Notes:

Distribution Partner:



320° Light Distribution



Product Series:	TubulARCH
Lamp Type:	LED U6 Type-A
Base Type:	G13 Medium Bi-Pin
Wattage Eqv:	32W (Fluorescent)
CCT Options:	4100K 5000K
Operating Temp:	-20°C/-4°F to 45°C/113°F
Regulatory:	UL Damp Location
Warranty:	5-Year, 50,000Hr



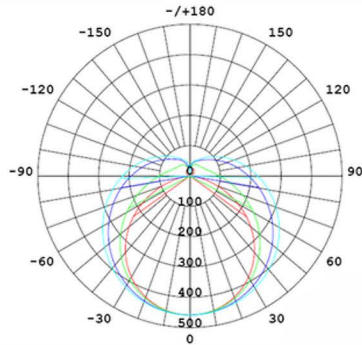
KEY FEATURES

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

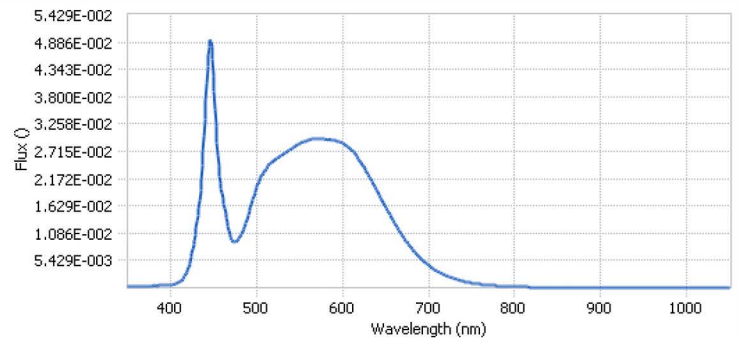
PERFORMANCE SPECIFICATIONS

MODEL	LAMP TYPE	BARE LAMP / SYSTEM (W)*	EQUIV. WATTAGE	INPUT VOLTAGE*	NOMINAL LUMENS*	CCT	CRI	THD	PF	CARTON QTY	LIGHT SPREAD	DLC QPL
LU6F13-41D1	LED U6	13W / 16W	32W	120-277V, 347V	1,850LM	4100K	83	<20%	>0.9	25	320°	
LU6F13-50D1	LED U6	13W / 16W	32W	120-277V, 347V	1,900LM	5000K	83	<20%	>0.9	25	320°	

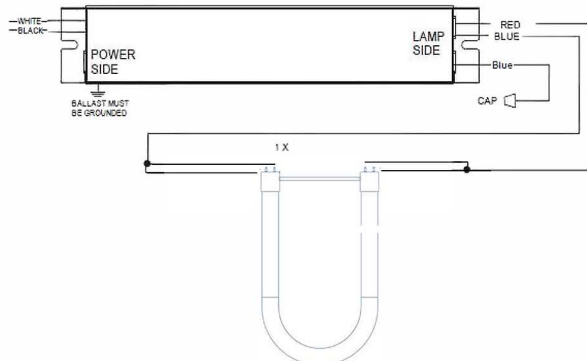
POLAR CANDELA SPREAD



SPECTRAL POWER DISTRIBUTION



WIRING CONFIGURATION



MODEL NUMBER SYNTAX



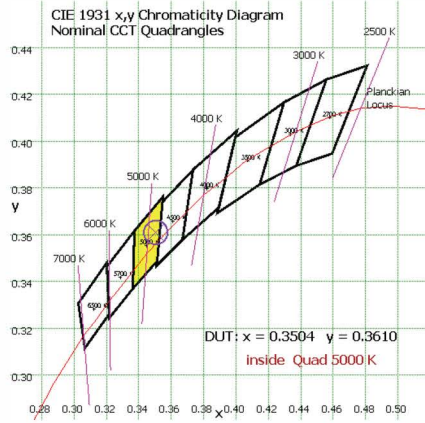
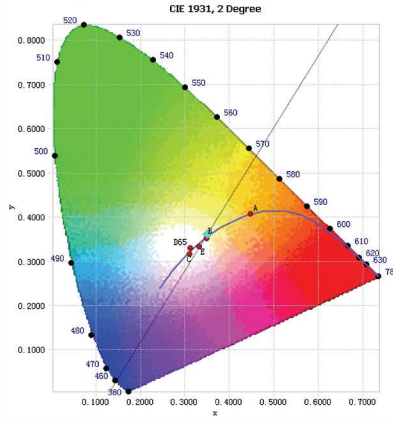
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SPHERE-SPECTRORADIOMETER METHOD (5000K)

Parameter	Result	
Test Voltage (V)	120.0	277.0
Voltage frequency (Hz)	60	60
Test Current (A)	0.248	0.113
Power Factor	0.9974	0.9617
Test Power (W)/2	14.85	14.99
THD A%	4.62	11.50
Luminous Efficacy (lm/W)	129.8	128.7
Total Luminous Flux (lm)	1928.0	1929.0
Color Rendering Index (CRI)	83.3	
R9	18.5	
Correlated Color Temperature (CCT)(K)	4837	
Chromaticity Chroma x	0.3504	
Chromaticity Chroma y	0.3610	
Chromaticity Chroma u	0.2114	
Chromaticity Chroma v	0.3266	
Duv	0.0024	
Chromaticity Chroma u'	0.2114	
Chromaticity Chroma v'	0.4899	



Special Color Rendering Indices													
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
81.9	86.1	89.8	84.5	82.4	81.4	88.1	72	18.5	67.7	84.2	63	82.4	94.4

BALLAST COMPATIBILITY**

Ballast Type	Manufacturer	Model Series
1-Lamp, Instant Start	Doo Young	DY132NS
	Philips	ICN-1P32-N
2-Lamp, Instant Start	GE	GE-232-120-N
		GE-232MAX-N/ULTRA
		GE-432-277-N
		GE-432-120-N
		GE-232-MVPS-L
		GE-232-MVPS-H
	Espen	VE232MVHIP
	Advance	REL-2P32-SC
	Universal	B232PUNVHE-B
		B232IUNVHP-N
	Damar	1688A
	Howard Industries	EP2/32IS/MV/MC/HE
	Keystone	KTEB-232-UV-IS-N-P
	Sylvania	QHE 2x32T8/UNV ISN-SC
	Huafeng	ENI-T8-32-P2SC-N
	Premium	BB-T8/UVH-2x32
Philips	ICN-2M32-MC	
	GOPA-2P32-SC (347V)	
	GE-332MV-N	
3-Lamp, Instant Start	GE	GE-332MV-N
	Visonator	VEB3x32UI
	Espen	VE332MVHIP
Fulham	WH3-120-L	
	WHCG3-120-T8-IS	
	VE432MVHIP	
4-Lamp, Instant Start	Espen	VE432MVHIP
	Philips	IPo4P32-LW-n
	Universal	B432IUNVHP-A
	Howard Industries	EP4/32IS/MV/MC/HE
	Green Hill	GH4P32ISUNV
	Sylvania	QTP 4x32T8/UNV ISN-SC
2-Lamp, Program/Rapid Start	GE	GE-232-120-PS-N
	Philips	REZ-2S32-SC

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

ARCHIPELAGO TubulARCH may operate on other ballasts that are not listed. The existence of a ballast on this list is not a guarantee or warranty of the compatibility of the lamp / ballast combination in all applications.

Actual performance of the lamps on each ballast may vary.

ARCHIPELAGO is continually testing our LED products on various ballasts. We will continue to update this compatibility matrix as more results become available.