T8 13W 4FT. DIR TITANIUM LED SERIES



Other LED Tubes

T8 13W 4FT. DIR TITANIUM LED SERIES

SPECIFICATIONS

Product Model	28403 13T8/4F/840/DIR	28404 13T8/4F/850/DIR
Туре	Т8	Т8
Base	Medium Bi-Pin G13	Medium Bi-Pin G13
Power (W)	13	13
Voltage - Frequency	120-277V 50-60Hz	120-277V 50-60Hz
Color Temp. (ANSI)	Cool White 4000K	Daylight 5000K
CRI (Ra)	82	82
Typical lumens (Im)	2050	2050
Efficacy (LPW)	158	158
Light Emitting Area	310°	310°
Beam Angle	180°	180°
Dimmable	Yes	Yes
Power Factor	0.9	0.9
THD	<20%	<20%
Rated Lifetime - L70 (hrs.)	50,000	50,000
Dia. x MOL	1.14"x47.76" (29x1213mm)	1.14"x47.76" (29x1213mm)
Weight (lb. / g)	0.67lb. / 304g	0.67lb. / 304g

BALLAST PERFORMANCE

			4000K	5000K
Ballast Factor	Bare Lamp (W)	System (W)	Lumens	Lumens
Low BF .77	13	13.8	1750	1750
Normal BF .88	13	16.5	2050	2050
High BF 1.15	13	23	2700	2700

Testing Method: Above system power is half the total system power of a 2-tube installation using an Instant Start ballast. Power and lumen output will vary based on ballast and fixture type Above data is indicative only.

* Suitable for use in totally enclosed fixtures ** Suitable for damp locations. Not for use where directly exposed to the weather or water

GREENCREATIVE





Titanium Series T8 13W 4FT. DIR, 10.5W 4FT. DIR, 8W 3FT. DIR, 8W 2FT. DIR For models: 13T8/4F/xxx/DIR, 10.5T8/4F/xxx/DIR, 8T8/3F/xxx/DIR, 8T8/2F/xxx/DIR Where xxx means 824-965 which indicates CRI and color temperature

	Electronic Ballast C	ompanom	Ly				
Series	Model	Туре		Compatibility (Ballasts are compatible with 120V & 277V unless otherwise noted)			
			1	2	3	4	
Philips - Advance	ICN-1P32-N	IS	lamp OK	lamps	lamps	lamp	
Philips - Advance	ICN-2P32-N	IS	C	K		-	
Philips - Advance	ICN-3P32-N	IS		OK		-	
Philips - Advance	ICN-4P32-N	IS		C	K		
Philips - Advance	IOPA-1P32-N	IS	OK		-		
Philips - Advance	IOP-2P32-LW-N	IS	C	ιK		-	
Philips - Advance	IOP-3P32-N	IS		OK		-	
Philips - Advance	IOPA-4P32-N	IS		C	ιK		
Philips - Advance	IOPA-1P32-LW-N	IS	OK		-		
Philips - Advance	IOPA-2P32-LW-N	IS	C			-	
Philips - Advance	IOP-4P32-LW-N	IS		C			
Philips - Advance	IOPA-4P32-SC	IS			/ only		
Philips - Advance	IOP-3P32-HL-N	IS		OK			
Philips - Advance	ICN-4P32-SC	IS		C	K		
Philips - Advance	ICN-132-MC	IS	OK		-		
Philips - Advance	VEZ-132-SC	PS	OK		-		
Philips - Advance	IZT-132-SC	PS	OK		-		
Philips - Advance	IZT-2PSP32-SC	PS	C	K		-	
Philips - Advance	REZ-132-SC	PS	OK		-		
Philips - Advance	VEZ-2S32-SC	PS	-	OK		-	
Philips - Advance	REZ-2P32-SC	PS		OK		-	
Philips - Advance	REL-2P32-SC	IS			X		
Philips - Advance	REL-2P32-RH-TP	IS			X		
GE - Ultramax	GE132MAXP-N/ULTRA	IS	OK		-		
GE - Ultramax	GE232MAX-L/ULTRA	IS	C			-	
GE - Ultramax	GE232MAX-N/ULTRA	IS	C			-	
GE - Ultramax	GE232MAX-H/ULTRA	IS	0			-	
GE - Ultramax	GE232MAXP-H/ULTRA	IS	C			-	
GE - Ultramax	GE232MAXP-N/ULTRA	IS	C			-	
GE - Ultramax	GE332MAX-N/ULTRA	IS		OK		-	
GE - Ultramax	GE332MAX-H/ULTRA	IS	-	C	к	-	
GE - Ultramax	GE332MAXP-L/ULTRA	IS		OK		-	
GE - Ultramax	GE332MAXP-N/ULTRA	IS		OK		-	
GE - Ultramax	GE332MAXP-H/ULTRA	IS			X		
GE - Ultramax	GE432MAX-L/ULTRA	IS		C			
GE - Ultramax	GE432MAX-N/ULTRA	IS		C	ik IK		
GE - Ultramax GE - Ultramax	GE432MAXP-L/ULTRA GE432MAXP-H/ULTRA	IS IS			X		
GE - Ultramax	GE432MAX-G-N	IS		C		_	
GE - Proline	GE-232-MV-N	IS	0		ux.	-	
GE - Proline	GE-332-MV-N	IS		OK		-	
GE - Ultrastart	GE-232-MV-PS-N	PS	C			-	
GE - Ultrastart	GE-232-MV-PS-H	PS	C	ιK		-	
Sylvania	QHE 2X32T8/UNV DIM-TC	PS	-	OK		-	
Sylvania	QHE4X32T8/UNV PSN-SC	PS		C	ιK		
Sylvania	QHE 2X32T8/UNV ISL-SC	IS	0	ιK		-	
Sylvania	QHE 4X32T8/UNV ISL-SC	IS			к		
Sylvania	QTP3X32T8/UNV ISN-SC	IS		OK		- 1	
Sylvania	QTP 4X32T8/UNV ISN-SC	IS	C		K		
Espen	VE2P32MVHIPHE	IS IS	0				
Espen Espen	VE2P32MVHIPE VE3P32MVHIPE	IS		OK	L	-	
Espen	VE3P32MVHIPE VE4P32MVHIPE	IS			K		
Espen	VE232MVHIPHE	IS	0	IK S		-	
Universal	B132IUNVHP-N	IS	OK		-		
Universal	B232IUNVHP-N	IS	0	ΙK		-	
Universal	B232PUNVHE-B	PS	C	ΙK		-	
Universal	B232PUS50-A	PS			x		
Universal	B332IUNVHP-A	IS		OK		-	
Universal	B432IUNVHP-A	IS		C	ĸ		
Powermaster	PM-2X32T8-UNV-IS-L	IS	C			-	
Powermaster	PM-3X32T8-UNV-IS-H	IS		277V only	(only	<u> </u>	
Powermaster Plusrite	PM-4X32T8-UNV-IS-L BAF332IS/MV	IS IS		0K	/ only		
Plusrite	BAF332IS/MV BAF232IS/MV/H	IS	C			<u> </u>	
Plusrite	BAF232IS/MV/H BAF232IS/MV	IS		ik IK		-	
Premium	BB-T8/UNH-2X32	IS	-	OK		-	
Premium	BB-18/UVH-4X32	IS		277\			
Howard	EPL3/32IS/MV/SC/HE	IS		OK		-	
Howard	EP3/32IS/MV/MC/HE	IS		OK		-	
Fulham	WHSG3-UNV-T8-IS	IS		OK		· ·	
Robertson	ISU232T8120	IS	120\	/ only		-	
Sola	E-758-F-232-SC	IS		K		-	
Commonly.	U-2/32ISE	IS	0	ιK		-	
Sunpark Tcp	E4P32PSUNVE	PS					

*GREEN CREATIVE has provided this ballast compatibility chart for guidance when selecting a ballast and lamp combination. Lamps were tested for compatibility with the above listed Instant Start (IS) and Programmed Start (PS) ballasts. Ballasts that do not appear on the chart might still be compatible but have not been tested. All testing has been performed with a stable main supply. The quality of the local main, existing installation and wiring, as well as different manufacturer versions of the above ballasts may affect lamp performance. Since no assurance can be provided regarding these factors, it is a general recommendation to perform a test on-site prior to installing the LED lamps.