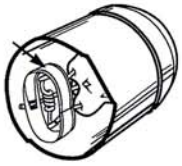
CENTRAL INDUSTRIES

TRITEN® FLUORESCENT LAMPS

BENEFITS OF TRITEN® FLUORESCENT LAMPS

- Rare earth trichromatic phosphors
- High CRI (Color Rendering Index) portrays colors accurately
- High lumen maintenance
- Wide range of wattages and color temperatures



Cathode Guard
Improves lumen maintenance by reducing end blackening. Lamps burn brighter, longer.

Recommended Applications: Schools, Retail Environments, Offices, Commercial and Industrial Lighting

Call 800-304-8484 or FAX 800-932-1222

CENTRAL INDUSTRIES

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Triten® Fluorescent Lamps

Watts	MOL	Order No.	Code Abbreviation	Master Pack	Kelvin	CRI	Lumens	Base
28	46”	60661	F28T5/TRITEN50/ENV	24	5000	85	2900	Mini BiPin
39	34”	60662	F39T5/TRITEN50/HO/ENV	24	5000	85	3500	Mini BiPin
54	46”	60663	F54T5/TRITEN50/HO/ENV	24	5000	85	5000	Mini BiPin
●17	24”	60634	F17T8/TRITEN 50	25	5000	85	1400	Medium BiPin
●25	36”	60666	F25T8/TRITEN 50	25	5000	85	2250	Medium BiPin
32	48”	60796	F32T8/TRITEN35/ENV	25	3500	86	2950	Medium BiPin
32	48”	60798	F32T8/TRITEN41/ENV	25	4100	86	2950	Medium BiPin
32	48”	60800	F32T8/TRITEN50/ENV	25	5000	86	2950	Medium BiPin
32	48”	60766	F32T8/TRITEN50/ULTRA/ENV	25	5000	86	3100	Medium BiPin
32	48”	60784	F32T8/TRITEN 950/ENV	25	5000	98	2000	Medium BiPin
32	22 7/16”	60823	FB32T8/6/TRITEN50/ENV	20	5000	85	2750	Medium BiPin
59	96”	60770	F96T8/TRITEN50	24	5000	84	5780	Single Pin
40	48”	60761	F40T10/TRITEN41/ENV	25	4100	82	3625	Medium BiPin
40	48”	60760	F40T10/TRITEN50/ENV	25	5000	82	3425	Medium BiPin
20	24”	60788	F20T12/TRITEN50	30	5000	85	1350	Medium BiPin
30	36”	60827	F30T12/TRITEN50/ENV	30	5000	85	2380	Medium BiPin
40	48”	60786	F40T12/TRITEN41/ULTRA	30	4100	85	3600	Medium BiPin
40	48”	60804	F40T12/TRITEN50/ULTRA/ENV	30	5000	85	3600	Medium BiPin
40	22 7/16”	60817	FB40T12/6/TRITEN50/ENV	12	5000	85	3150	Medium BiPin
75	96”	60805	F96T12/TRITEN 50/ENV	15	5000	85	6500	Single Pin
110	96”	60383	F96T12/TRITEN 50/HO ENV	15	5000	85	9675	Recessed D.C.

● **New Item**

General Information

Ballast Recommendations
For optimal performance, lamps should be used with high power factor ballasts that meet ANSI standards specified for the lamp’s wattage and operating characteristics (i.e. wattage, HO, VHO). Most lamps are designed to operate on rapid start ballasts. T8 lamps operate on T8 ballasts only, F40T12 and F40T10 lamps both operate on ballasts designed for F40T12 lamps. Use of preheat or instant start equipment will result in shorter life or reduced performance. F96T12 lamps are designed to operate on instant start ballasts. For optimum efficiency, electronic ballasts should be used wherever possible.

Ambient Temperature
Fluorescent lamps are designed and rated to operate at 60°F. Operating the lamps at higher or lower temperatures results in decreased light output, flickering and/or reduced life. High Output (HO) and Very High Output (VHO) lamps can be operated in temperatures as low as -20°F with a ballast designed for low temperatures.

Lumens
Lumens are a measurement of light output. Initial lumens are measured on a reference ballast in laboratory conditions after the lamps have been burned for 100 hours. Actual lumen output may vary depending upon ballast characteristics, fixture and ambient temperature.

Watts
Watts are measured at the lamp and do not take into consideration additional wattage that may be used by the ballast. Lamp watts plus ballast watts equal total watts consumed.

Lamp Dimensions
Published nominal lamp lengths include the lamp and two standard lamp holders.

Color Temperature
The illuminated appearance of a lamp is defined by its’ color temperature expressed in degrees Kelvin. Color temperature is a simulation of the color observed when a metal object is heated. The lower temperatures begin by glowing red, then white and then blue/white. Light sources with a red-yellow glow and a color temperature of less than 3000 are considered “warm” and color temperatures of over 4000 are considered to be “cool”.

Color Rendering Index (CRI)
Color Rendering Index (CRI) is a measure of how accurately colors are represented on a scale of 1 to 100 with incandescent light and sunlight at 100. Fluorescent lamps have a wide range of CRI’s with the standard being “Cool White” with a CRI in the 60’s. CRI’s of 70-80 are considered good and 80+ is considered excellent. Since colors are truer with high CRI lamps, colors appear brighter and light levels may appear higher.

Cathode Guard
The use of a cathode guard improves lumen maintenance by reducing end blackening. All Radiant F20T12, F34T12, F40T10, F40T12, F48T12, F72T12, F96T12 and F96T12/HO lamps have cathode guards. VHO and U-Bent lamps are not available with cathode guards.

Envir-O-Light Lamps (ENV)
Lamps designed with reduced mercury content to pass the government’s Toxic Characteristic Leaching Process (TCLP) test.

1206/250/100470/0023305/REV#1