



F32T8 Colour-Master 75[®]

USDA Grain Inspection*
Paint Booths

*To get the required lumens you must use a high ballast factor ballast.

Product Number: HH753

Order Abbreviation: F32T8ColourMaster75

General Description: 32W , 48" MOL, T8 Extended Performance fluorescent lamp, 7500k color temperature rare earth phosphor, 95 CRI, suitable for IS or RS operation, TCLP compliant

Product Information

Abbrev. With Packing Info.	F32T8ColourMaster75
Actual Length (in)	47.78
Actual Length (mm)	1213.6
Rated Life (hr)	36,000
Base	Medium Bipin
Bulb	T8
Color Rendering Index (CRI)	95
Color Temperature/ CCT (k)	7500
Diameter (in)	1.10
Diameter (mm)	27.9
Family Brand Name	Colour-Master 75
Initial Lumens at 25C	1775
Mean Lumens at 25C	1686
Nominal Length (in)	48
Nominal Wattage (w)	32.00
Warranty	36 Months

- The 36,000 hour rated life of the linear, 4 foot F32T8ColourMaster75 lamp is based on operation at 12 hours per start on a programmed start ballast. Operation on a 3 hour per start rated life is 24,000 hours.
- Approximate initial lumens after 100 hours of operation on HBF ballast.
- The life ratings of fluorescent lamps are based on 12 hr. burning cycles under specified conditions and with ballast meeting ANSI specifications. If burning cycle is increased, there will be a corresponding increase in the average hours of life.
- Minimum starting temperature is a function of the ballast; consult the ballast manufacturer.
- Lamps should be operated only with magnetic rapid start ballasts designed to operate 265 mA, T-8 lamps or high frequency (electronic) ballasts that are either instant start, or rapid start, or programmed rapid start specifically designed to operate T8 lamps. Lamps may be operated on instant start ballasts with ballast factors ranging from a minimum of 0.71 to a maximum of 1.20 at the nominal ballast input voltage. When lamps are operated in the instant start mode, the two wires or two contacts of each socket should be connected to each other. They should then be connected to the appropriate ballast lead wire using National Code techniques. F32T8ColourMaster75 fluorescent lamps are designed to pass the Federal Toxic Characteristic Leaching Procedure (TCLP) criteria for classification as non-hazardous waste in most states. TCLP test results are available upon request.
- The lamp lumen maintenance factor used to determine the mean lumen value was 95%.

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