

# F96T12/HO/Cinema32

Color Corrected to Match 3200 K Tungsten Lighting for Optimal Film Response

High Color Rendering Index  
Optional Shatter Resistance

Product Description	F96T12HO/Cinema32
Product Code covRguard version	15794
Product Code	15720
Case Quantity	24

## Physical Characteristics

Bulb Designation	T12
Bulb Material	Soft Glass
Base Type/Color	G13/Gold

## Dimensions

		Min	Max
Base face to base face (A)	in. (mm)		93.09 (2364.4)
Base face to end of opposite base pin (B)	in. (mm)	93.27 (2369)	93.37 (2371.5)
End of base pin to end of opposite pin end (C)	in. (mm)	93.54 (2375.8)	93.75 (2378.6)
Bulb Outside Diameter (D)	in. (mm)	1.41 (35.8)	1.59 (40.4)

## Electrical Characteristics

Nominal Lamp Power at 25° C, 100 hrs	Watts	110
Nominal Lamp Volts at 25° C, 100 hrs	V rms	153
Nominal Lamp Current at 25° C, 100 hrs	mA rms	790

## Performance Characteristics

Initial Lumen		5800
Photographic Color Temperature <sup>1</sup>	K	3200
Color Rendering Index		90
Chromaticity (x,y)		0.415, 0.377
Mired Shift Value Limit <sup>2</sup>	LB	± 5
Color Compensating Filter Value Limit <sup>3</sup>	CC	± 5 m

## Special Characteristics

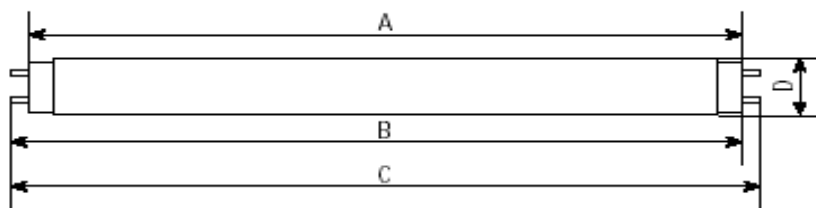
**Allow lamps to stabilize for 20 minutes before checking color** All fluorescent lamps will shift slightly in color while warming up  
**Risk of electric shock** Turn power off before inspection, installation or removal

## Applicable Regulations

DOE regulated (yes/no) no

## Applicable Standards

ANSI/IESNA C78.81-2001



All values are design values or typical values when measured under laboratory conditions. Information provided is subject to change without notice. Where applicable, values are based on guidelines published in ANSI.

Values shown are based on preliminary engineering estimates.

Turn power off and let lamp cool before removal to avoid potential burn and electrical shock hazard during lamp replacement.

### Minolta IIIif Color Meter Readings

1. Photographic Color Temperature - based on characteristics of color film
2. Light Balancing (LB) index: mired shift value
3. Color compensating (CC) filter density: (+) magenta, (-) green.



GE imagination at work