GE Consumer & Industrial
Lighting

F40T12/HO/Cinema32

SHOWBIZ®
for stage, studio, film and event lighting

Color Corrected to Match 5540 K Daylight Lighting for Optimal Film Response

High Color Rendering Index
Optional Shatter Resistance

Product Description	F40T12HO/Cinema32
Product Code covRguard version	15782
Product Code	15716
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)		47.22 (1199.4)
Base face to end of opposite base pin (B)	in. (mm)	47.40 (1204)	47.50 (1206.5)
End of base pin to end of opposite pin end (C)	in. (mm)	47.67 (1210.8)	47.78 (1213.6)
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	75
Nominal Lamp Volts at 25° C, 100 hrs	V rms	78
Nominal Lamp Current at 25° C, 100 hrs	mA rms	800

Performance Characteristics

Initial Lumen		2900
Photographic Color Temperature[1]	K	3200
Color Rendering Index		90
Chromaticity (x,y)		0.415, 0.377
Mired Shift Value Limit[2]	LB	± 5
Color Compensating Filter Value Limit[3]	CC	± 5 m

Special Characteristics

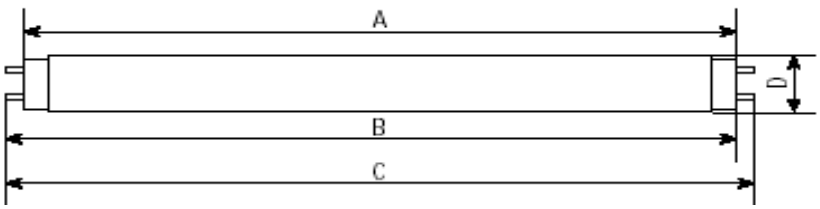
Allow lamps to stabilize for 20 minutes before checking color	All fluorescent lamps will shift slightly in color while warming up
Risk of electric shock	Turn power off before inspection, installation or removal

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 IIIf 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