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Product Number: 24683
Order Abbreviation: F40DSGN50
General Description: 40W, T12 rapid start fluorescent lamp, DSGN 50 phosphor, 5000K color temperature, 90 CRI

Product Information

Abbrev. With Packaging Info.	F40DSGN50 30/CS 1/SKU
Actual Length (in)	47.78
Actual Length (mm)	1213.6
Average Rated Life (hr)	20000
Base	Medium Bipin
Bulb	T12
Color Rendering Index (CRI)	90
Color Temperature/CCT (K)	5000
Diameter (in)	1.59
Diameter (mm)	40.4
Family Brand Name	Design 50®
Industry Standards	ANSI C78.81 - 2001
Initial Lumens at 25C	2200
Mean Lumens at 25C	1892
Nominal Length (in)	48
Nominal Wattage (W)	40.00

Additional Product Information

[Product Documents, Graphs, and Images](#)

[Compatible Ballast](#)

[Packaging Information](#)



Footnotes

- Average life rating at 12 hours operation per start is 28,800 hours.
- Average rated life is measured at 3 hours per start on 2-lamp, rapid start magnetic ballasts per IES recommended practice. Lamp life on single-lamp rapid start ballasts may be reduced.
- Approximate initial lumens after 100 hours operation.
- The life ratings of fluorescent lamps are based on 3 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 life.
- Minimum starting temperature is a function of the ballast; consult the ballast manufacturer.
- The "RS" designation has been eliminated to simplify the ordering abbreviation.
- 40W Rapid Start Lamps may be used in starter operated fixtures designed for 40W preheat lamps. Life rating for preheat service is approximately 15,000 hours average.

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