



Commercial Products &amp; Solutions

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Your selected product has been discontinued and replaced by the following product.

**80199 – F40SPX50/ECO**

GE Ecolux® T12

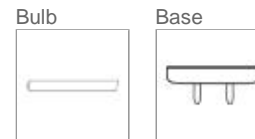


- Passes TCLP, which can lower disposal costs.

High Color Rendering

**GENERAL CHARACTERISTICS**

Lamp type	Linear Fluorescent - Straight Linear
Bulb	T12
Base	Medium Bi-Pin (G13)
Wattage	40
Voltage	101
Rated Life	20000 hrs
Bulb Material	Soda lime
Starting Temperature (MIN)	10 °C (50 °F)
Picograms of Mercury	87 picograms
Additional Info	TCLP compliant

[View Larger](#)**PHOTOMETRIC CHARACTERISTICS**

Initial Lumens	3200
Mean Lumens	2860
Nominal Initial Lumens per Watt	80
Color Temperature	5000 K
Color Rendering Index (CRI)	80

**ELECTRICAL CHARACTERISTICS**

Open Circuit Voltage (rapid start) (MAX)	330 V
Open Circuit Voltage (rapid start) Min @ Temperature	256 V @ 10 °C
Cathode Resistance Ratio - Rh/Rc (MIN)	4.25
Cathode Resistance Ratio - Rh/Rc (MAX)	6.5
Current Crest Factor (MAX)	1.7

**DIMENSIONS**

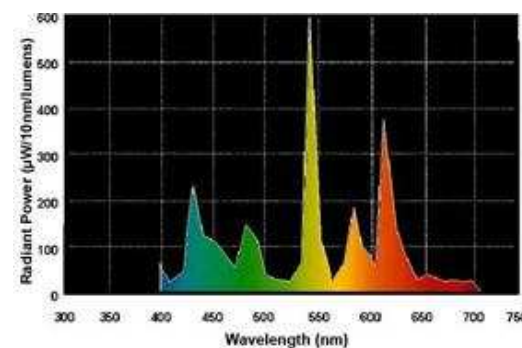
Maximum Overall Length (MOL)	47.7800 in (1213.6 mm)
Minimum Overall Length	47.6700 in (1210.8 mm)
Nominal Length	48.000 in (1219.2 mm)
Bulb Diameter (DIA)	1.500 in (38.1 mm)
Bulb Diameter (DIA) (MIN)	1.410 in (35.8 mm)

**ADDITIONAL RESOURCES****Catalogs****Testimonials****Brochures**

- Product Brochures
  - [Ecolux](#)
  - [Ecolux \(Environmental\)](#)
- Application/Segment Brochures
  - [Healthcare Lighting](#)
  - [Contractor Lighting](#)

**Sell Sheets**

- [T12 Lamps NOW Ecolux®](#)

**Disposal Policies & Recycling Information****GRAPHS & CHARTS****Spectral Power Distribution**

Bulb Diameter (DIA) (MAX)	1.590 in (40.3 mm)
Max Base Face to Base Face (A)	47.220 in (1199.3 mm)
Face to End of Opposing Pin (B) (MIN)	47.400 in (1203.9 mm)
Face to End of Opposing Pin (B) (MAX)	47.500 in (1206.5 mm)
End of Base Pin to End of Opposite Pin End (C)	47.670 in (1210.8 mm)

**PRODUCT INFORMATION**

Product Code	80199
Description	F40SPX50/ECO
ANSI Code	1010-1
Standard Package	Case
Standard Package GTIN	10043168801994
Standard Package Quantity	30
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	30
UPC	043168801997

**COMPATIBLE GE BALLASTS**

Product Code	Description	# of Bulbs	Power Factor	Ballast Factor
<a href="#">89724</a>	458LSLHTCP-DIY	1	0.9	0.95
<a href="#">97498</a>	GE240RS120	2	98.0	0.85
<a href="#">97499</a>	GE240RS120-DIY	2	98.0	0.85
<a href="#">24107</a>	GE-240-RS-MV-N	1	99.0	0.89
<a href="#">24773</a>	GE240RS-MV-N-DIY	1	99.0	0.89
<a href="#">24109</a>	GE-340-RS-MV-N	2	99.0	0.89
<a href="#">24774</a>	GE340RS-MV-N-DIY	2	99.0	0.89
<a href="#">89714</a>	GEM140HRS120DIY	1	97.0	1.0
<a href="#">89709</a>	GEM140RS120DIY	1	47.0	0.6
<a href="#">89710</a>	GEM240HRS120DIY	2	95.0	0.84
<a href="#">46958</a>	GEM240RS120DIY	2	98.0	0.95
<a href="#">89707</a>	GEM240RS120DIY72	2	98.0	0.95
<a href="#">86139</a>	GEM240RS120IP	2	98.0	0.95
<a href="#">89713</a>	GEM240RS277DIY	2	98.0	0.95
<a href="#">86124</a>	GEM240RS277IP	2	98.0	0.95

**▲ CAUTIONS & WARNINGS**

[See list of cautions & warnings.](#)

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