



Commercial Products &amp; Solutions

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[Products](#) > 23010**23010 – F34CW/RS/WM/ECO**

GE Cool White Ecolux® Watt-Miser® T12



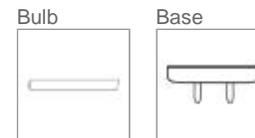
- Passes TCLP, which can lower disposal costs.
- Saves energy compared to standard wattage lamps

**Reduced Wattage**

Meets Federal Minimum Efficiency Standards  
Energy Savings

**GENERAL CHARACTERISTICS**

Lamp type	Linear Fluorescent - Straight Linear
Bulb	T12
Base	Medium Bi-Pin (G13)
Wattage	34
Voltage	79
Rated Life	20000 hrs
Bulb Material	Soda lime
Starting Temperature (MIN)	16 °C (61 °F)
Picograms of Mercury	109 picograms
Additional Info	TCLP compliant

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

Initial Lumens	2650
Mean Lumens	2280
Nominal Initial Lumens per Watt	77
Color Temperature	4100 K
Color Rendering Index (CRI)	60

**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)

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

Application/Segment Brochures

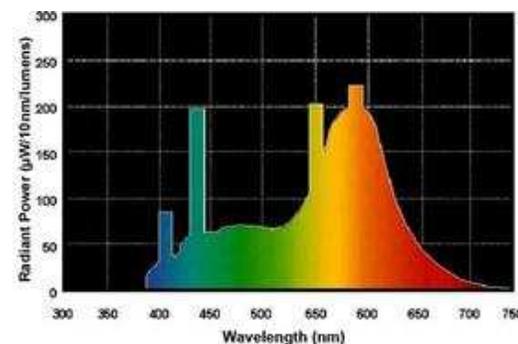
- [Contractor Lighting](#)
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Product Brochures

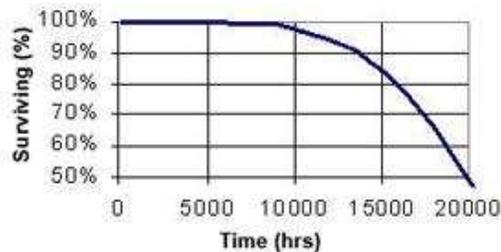
- [Ecolux](#)
- [Ecolux \(Environmental\)](#)

**Sell Sheets**

- [T12 Lamps NOW Ecolux®](#)

**MSDS (Material Safety Data Sheets)****Disposal Policies & Recycling Information****GRAPHS & CHARTS****Spectral Power Distribution****Lamp Mortality**

Bulb Diameter (DIA) (MIN)	1.410 in (35.8 mm)
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	23010
Description	F34CW/RS/WM/ECO
ANSI Code	1006-1
Standard Package	Case
Standard Package GTIN	10043168230107
Standard Package Quantity	30
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	30
UPC	043168230100

#### COMPATIBLE GE BALLASTS

Product Code	Description	# of Bulbs	Power Factor	Ballast Factor
<a href="#">89724</a>	458LSLHTCP-DIY	1	0.9	0.88
<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	0.87
<a href="#">24773</a>	GE240RS-MV-N-DIY	1	99.0	0.87
<a href="#">24109</a>	GE-340-RS-MV-N	2	99.0	0.87
<a href="#">24774</a>	GE340RS-MV-N-DIY	2	99.0	0.87
<a href="#">89714</a>	GEM140HRS120DIY	1	93.0	0.97
<a href="#">89709</a>	GEM140RS120DIY	1	40.0	0.58

#### CAUTIONS & WARNINGS

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

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