



Commercial Products & Solutions

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23415 – F96T8/SPX35

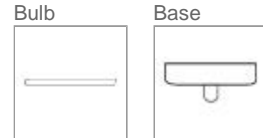
GE Starcoat® T8



High Color Rendering

GENERAL CHARACTERISTICS

| | |
|-----------------------------------|--------------------------------------|
| Lamp type | Linear Fluorescent - Straight Linear |
| Bulb | T8 |
| Base | Single Pin (Fa8) |
| Wattage | 59 |
| Voltage | 268 |
| Rated Life | 15000 hrs |
| Rated Life (instant start) @ Time | 15000 h @ 3 h 20000 h @ 12 h |
| Bulb Material | Soda lime |
| Starting Temperature (MIN) | 10 °C (50 °F) |
| Picograms of Mercury | 1062 picograms |



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PHOTOMETRIC CHARACTERISTICS

| | |
|---------------------------------|--------|
| Initial Lumens | 5950 |
| Mean Lumens | 5650 |
| Nominal Initial Lumens per Watt | 100 |
| Color Temperature | 3500 K |
| Color Rendering Index (CRI) | 86 |

ELECTRICAL CHARACTERISTICS

| | |
|--|------|
| 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) | 94.0000 in (2387.6 mm) |
| Minimum Overall Length | 93.7400 in (2380.9 mm) |
| Nominal Length | 96.000 in (2438.4 mm) |
| Bulb Diameter (DIA) | 1.000 in (25.4 mm) |
| Bulb Diameter (DIA) (MIN) | 0.940 in (23.8 mm) |
| Bulb Diameter (DIA) (MAX) | 1.100 in (27.9 mm) |
| Face to End of Opposing Pin (B) (MIN) | 93.420 in (2372.8 mm) |
| Face to End of Opposing Pin (B) (MAX) | 93.500 in (2374.9 mm) |

ADDITIONAL RESOURCES

[Catalogs](#)

[Testimonials](#)

Brochures

Application/Segment Brochures

- [Retail Lighting](#)
- [Healthcare Lighting](#)
- [Contractor Lighting](#)

Product Brochures

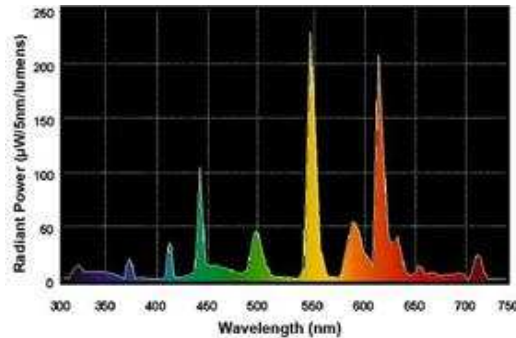
- [Linear Fluorescent Lamps](#)

[MSDS \(Material Safety Data Sheets\)](#)

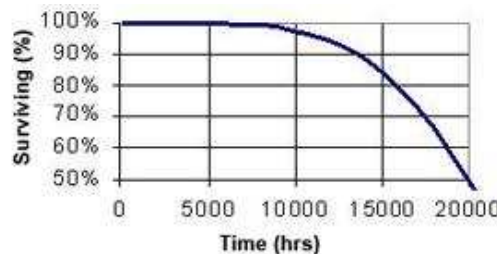
[Disposal Policies & Recycling Information](#)

GRAPHS & CHARTS

Spectral Power Distribution



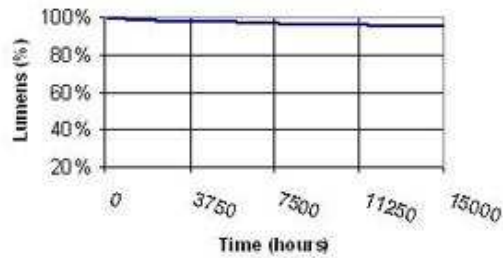
Lamp Mortality



Lumen Maintenance

PRODUCT INFORMATION

| | |
|----------------------------------|----------------|
| Product Code | 23415 |
| Description | F96T8/SPX35 |
| Standard Package | Case |
| Standard Package GTIN | 10043168234150 |
| Standard Package Quantity | 24 |
| Sales Unit | Unit |
| No Of Items Per Sales Unit | 1 |
| No Of Items Per Standard Package | 24 |
| UPC | 043168234153 |

**COMPATIBLE GE BALLASTS**

| Product Code | Description | # of Bulbs | Power Factor | Ballast Factor |
|-----------------------|------------------|------------|--------------|----------------|
| 80144 | B159I120RH | 1 | 0.96 | 0.88 |
| 49766 | GE159MAX-N/ULTRA | 1 | 99.0 | 0.87 |
| 30195 | GE-159-MV-N | 1 | 99.0 | 0.89 |
| 30274 | GE-159-MV-N-42T | 1 | 99.0 | 0.886 |
| 23677 | GE-259-120-N | 1 | 99.0 | 1.04 |
| 24169 | GE-259-120-N-84T | 1 | 99.0 | 1.04 |
| 23678 | GE-259-277-N | 1 | 99.0 | 1.04 |
| 24170 | GE-259-277-N-84T | 1 | 99.0 | 1.04 |
| 23954 | GE259MAX-N-DIY | 1 | 99.0 | 0.87 |
| 49767 | GE259MAX-N/ULTRA | 1 | 99.0 | 0.87 |
| 30194 | GE-259-MV-N | 1 | 99.0 | |
| 30272 | GE-259-MV-N-42T | 1 | 99.0 | |
| 97712 | GE-259MV-N-DIY | 1 | 99.0 | |
| 30176 | GE-286-HO-MV-N | 1 | 99.0 | 1.36 |
| 30187 | GE-286-HO-MV-N-P | 1 | 99.0 | 1.36 |

⚠ CAUTIONS & WARNINGS

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

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