

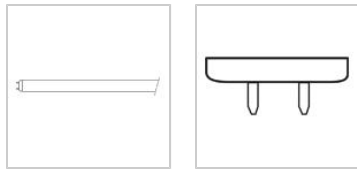


GE
Lighting

45757 - F25T8/SPX41/ECO

GE Ecolux® Starcoat® T8

- Passes TCLP, which can lower disposal costs.



CAUTIONS & WARNINGS

Caution

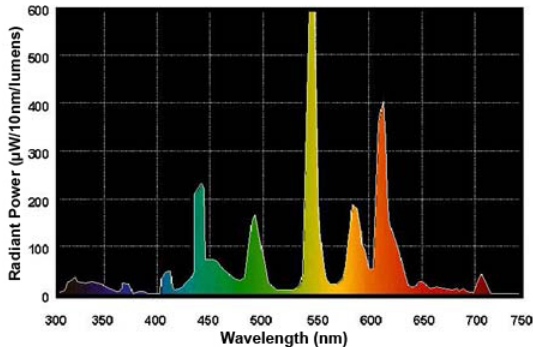
- Lamp may shatter and cause injury if broken
 - Wear safety glasses and gloves when handling lamp.
 - Do not use excessive force when installing lamp.

Warning

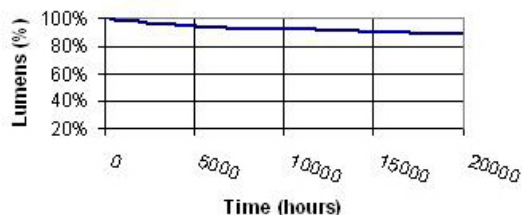
- Risk of Electric Shock
 - Turn power off before inspection, installation or removal.

GRAPHS & CHARTS

Graphs_Spectral Power Distribution



Graphs_Lumen Maintenance



Graphs_Lamp Mortality

For additional information, visit www.gelighting.com

GENERAL CHARACTERISTICS

| | |
|-----------------------------------|--------------------------------------|
| Lamp Type | Linear Fluorescent - Straight Linear |
| Bulb | T8 |
| Base | Medium Bi-Pin (G13) |
| Rated Life | 30000.0 hrs |
| Rated Life (instant start) @ Time | 15000 h @ 3 h |
| Rated Life (rapid start) @ Time | 20000 h @ 12 h |
| Rated Life (rapid start) @ Time | 30000.0 @ 3.0/36000.0 @ 12.0 h |
| Bulb Material | Soda lime |
| Starting Temperature (MIN) | 10.0 °C |
| LEED-EB MR Credit | 48 picograms Hg per mean lumen hour |
| Additional Info | TCLP compliant |
| Primary Application | Full Wattage |

PHOTOMETRIC CHARACTERISTICS

| | |
|-------------------------------------|----------|
| Initial Lumens | 2150.0 |
| Mean Lumens | 2040.0 |
| Nominal Initial Lumens per Watt | 86 |
| Color Temperature | 4100.0 K |
| Color Rendering Index (CRI) | 85.0 |
| S/P Ratio (Scotopic/Photopic Ratio) | 1.8 |

ELECTRICAL CHARACTERISTICS

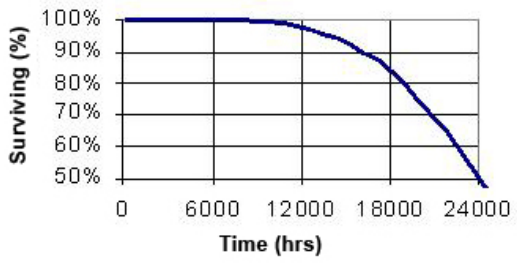
| | |
|--|---------------|
| Wattage | 25.0 |
| Voltage | 100.0 |
| Open Circuit Voltage (rapid start) (MAX) | 355.0 V |
| Open Circuit Voltage (rapid start) Min @ Temperature | 260 V @ 10 °C |
| Cathode Resistance Ratio - Rh/Rc (MIN) | 4.25 |
| Cathode Resistance Ratio - Rh/Rc (MAX) | 6.5 |
| Current Crest Factor (MAX) | 1.7 |

DIMENSIONS

| | |
|--|----------------------|
| Maximum Overall Length (MOL) | 36.0000 in(914.4 mm) |
| Minimum Overall Length | 35.6700 in(906.0 mm) |
| Nominal Length | 36.000 in(914.4 mm) |
| Bulb Diameter (DIA) (MIN) | 0.940 in(23.9 mm) |
| Bulb Diameter (DIA) (MAX) | 1.100 in(27.9 mm) |
| Bulb Diameter (DIA) | 1.000 in(25.4 mm) |
| Outside Bulb Diameter (MIN) | 35.670 in(906.0 mm) |
| Max Base Face to Base Face (A) | 35.220 in(894.6 mm) |
| Face to End of Opposing Pin (B) (MIN) | 35.400 in(899.2 mm) |
| Face to End of Opposing Pin (B) (MAX) | 35.500 in(901.7 mm) |
| End of Base Pin to End of Opposite Pin End (C) | 35.670 in(906.0 mm) |

PRODUCT INFORMATION

| | |
|----------------------------------|-----------------|
| Product Code | 45757 |
| Description | F25T8/SPX41/ECO |
| ANSI Code | 1002-1 |
| Standard Package | Case |
| Standard Package GTIN | 10043168457573 |
| Standard Package Quantity | 24 |
| Sales Unit | Unit |
| No Of Items Per Sales Unit | 1 |
| No Of Items Per Standard Package | 24 |
| UPC | 043168457576 |





GE
Lighting

45757 - F25T8/SPX41/ECO

GE Ecolux® Starcoat® T8

- Passes TCLP, which can lower disposal costs.



High Color Rendering



GENERAL CHARACTERISTICS

| | |
|-----------------------------------|--------------------------------------|
| Lamp Type | Linear Fluorescent - Straight Linear |
| Bulb | T8 |
| Base | Medium Bi-Pin (G13) |
| Rated Life | 30000.0 hrs |
| Rated Life (instant start) @ Time | 15000 h @ 3 h |
| Rated Life (rapid start) @ Time | 20000 h @ 12 h |
| Bulb Material | Soda lime |
| Starting Temperature (MIN) | 10.0 °C |
| LEED-EB MR Credit | 48 picograms Hg per mean lumen hour |
| Additional Info | TCLP compliant |
| Primary Application | Full Wattage |

PHOTOMETRIC CHARACTERISTICS

| | |
|-------------------------------------|----------|
| Initial Lumens | 2150.0 |
| Mean Lumens | 2040.0 |
| Nominal Initial Lumens per Watt | 86 |
| Color Temperature | 4100.0 K |
| Color Rendering Index (CRI) | 85.0 |
| S/P Ratio (Scotopic/Photopic Ratio) | 1.8 |

ELECTRICAL CHARACTERISTICS

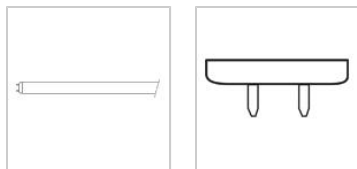
| | |
|--|---------------|
| Wattage | 25.0 |
| Voltage | 100.0 |
| Open Circuit Voltage (rapid start) (MAX) | 355.0 V |
| Open Circuit Voltage (rapid start) Min @ Temperature | 260 V @ 10 °C |
| Cathode Resistance Ratio - Rh/Rc (MIN) | 4.25 |
| Cathode Resistance Ratio - Rh/Rc (MAX) | 6.5 |
| Current Crest Factor (MAX) | 1.7 |

DIMENSIONS

| | |
|--|----------------------|
| Maximum Overall Length (MOL) | 36.0000 in(914.4 mm) |
| Minimum Overall Length | 35.6700 in(906.0 mm) |
| Nominal Length | 36.000 in(914.4 mm) |
| Bulb Diameter (DIA) (MIN) | 0.940 in(23.9 mm) |
| Bulb Diameter (DIA) (MAX) | 1.100 in(27.9 mm) |
| Bulb Diameter (DIA) | 1.000 in(25.4 mm) |
| Outside Bulb Diameter (MIN) | 35.670 in(906.0 mm) |
| Max Base Face to Base Face (A) | 35.220 in(894.6 mm) |
| Face to End of Opposing Pin (B) (MIN) | 35.400 in(899.2 mm) |
| Face to End of Opposing Pin (B) (MAX) | 35.500 in(901.7 mm) |
| End of Base Pin to End of Opposite Pin End (C) | 35.670 in(906.0 mm) |

PRODUCT INFORMATION

| | |
|----------------------------------|-----------------|
| Product Code | 45757 |
| Description | F25T8/SPX41/ECO |
| ANSI Code | 1002-1 |
| Standard Package | Case |
| Standard Package GTIN | 10043168457573 |
| Standard Package Quantity | 24 |
| Sales Unit | Unit |
| No Of Items Per Sales Unit | 1 |
| No Of Items Per Standard Package | 24 |
| UPC | 043168457576 |



CAUTIONS & WARNINGS

Caution

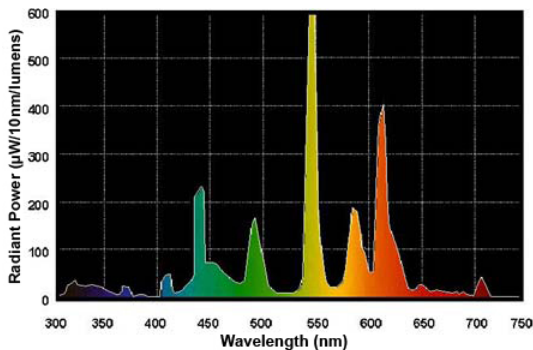
- Lamp may shatter and cause injury if broken
 - Wear safety glasses and gloves when handling lamp.
 - Do not use excessive force when installing lamp.

Warning

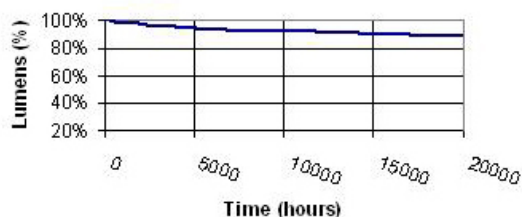
- Risk of Electric Shock
 - Turn power off before inspection, installation or removal.

GRAPHS & CHARTS

Graphs_Spectral Power Distribution



Graphs_Lumen Maintenance



Graphs_Lamp Mortality

For additional information, visit www.gelighting.com

