



Product Catalog

for professionals

[Products](#) > 46759

46759 – F54W/T5/830/ECO

GE Ecolux® Starcoat® T5

- Passes TCLP, which can lower disposal costs.

a product of **ecomagination**

High Color Rendering

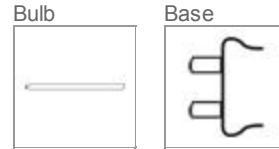
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GENERAL CHARACTERISTICS

Lamp type	Linear Fluorescent - Straight Linear
Bulb	T5
Base	Miniature Bi-Pin (G5)
Primary Application	Full Wattage
Rated Life	30000 hrs
Rated Life (rapid start) @ Time	30000.0 h @ 3.0 h 36000.0 h @ 12.0 h
Bulb Material	Soda lime
Starting Temperature (MIN)	-20 °C(-4 °F)
LEED-EB MR Credit	18 picograms Hg per mean lumen hour
Additional Info	TCLP compliant



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PHOTOMETRIC CHARACTERISTICS

Initial Lumens	5000
Mean Lumens	4600
Nominal Initial Lumens per Watt	93
Color Temperature	3000 K
Color Rendering Index (CRI)	85
S/P Ratio (Scotopic/Photopic Ratio)	1.3

ELECTRICAL CHARACTERISTICS

Wattage	54
Voltage	117
Open Circuit Voltage (rapid start) Min @ Temperature	520.0 @ 10.0 V
Cathode Resistance Ratio - Rh/Rc (MIN)	4.25
Cathode Resistance Ratio - Rh/Rc (MAX)	6.5
Current Crest Factor (MAX)	1.7

DIMENSIONS

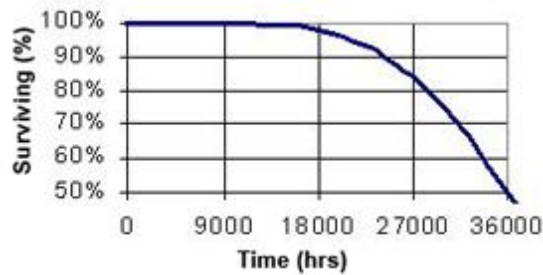
Maximum Overall Length (MOL)	45.2000 in (1148.0 mm)
Nominal Length	45.2000 in (1148.0 mm)
Bulb Diameter (DIA) (MAX)	0.6700 in (17.0 mm)
Bulb Diameter (DIA)	0.6250 in (15.8 mm)
Max Base Face to Base Face (A)	45.2400 in (1149.1 mm)

ADDITIONAL RESOURCES

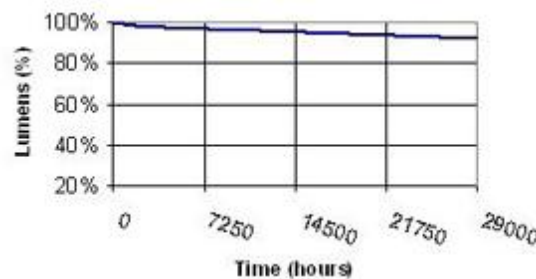
[Disposal Policies & Recycling Information](#)

GRAPHS & CHARTS

[Graphs_Lamp Mortality]



[Graphs_Lumen Maintenance]



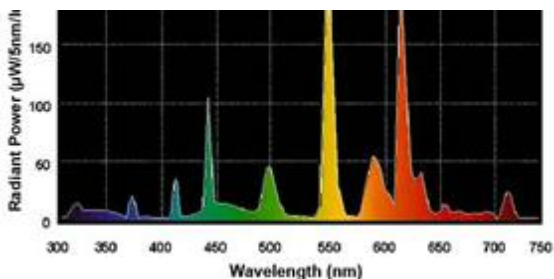
[Graphs_Spectral Power Distribution]



Face to End of Opposing Pin (B) (MIN)	45.4200 in (1153.6 mm)
Face to End of Opposing Pin (B) (MAX)	45.5200 in (1156.2 mm)

PRODUCT INFORMATION

Product Code	46759
Description	F54W/T5/830/ECO
Standard Package	Case
Standard Package GTIN	10043168467596
Standard Package Quantity	40
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	40
UPC	043168467599



COMPATIBLE GE BALLASTS

Product Code	Description	# of Bulbs	Power Factor	Ballast Factor
99651	GE254M/PS90-F	2	0.98	1.0
73192	GE454M/PS90-G	4	0.98	1.0
72279	GE254M/PS-D	2	0.98	1.0
74119	GETR480/277-250W	1		
74120	GETR480/277-375W	1		
77115	GE454M/PS90-E-42	4	0.98	1.0
77114	GE454M/PS90-E	4	0.98	1.0
62117	GE254M/PS-F	2	0.98	1.0
62118	GE254M/PS-F-42	2	0.98	1.0
62729	GE254PS347-F	1	0.98	1.1
62728	GE254PS347/480-F	2	0.98	1.0
62731	GE454PS347-E	4	0.99	1.0
62730	GE454PS347/480-E	4	0.98	1.0
67566	GE454M/PS90-F	4	0.99	1.0

⚠ CAUTIONS & WARNINGS

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

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