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**Product Number:** 20312  
**Order Abbreviation:** CF7DS/E/827  
**General Description:** DULUX 5W single compact fluorescent lamp with 4-pin base, 2700K color temperature, 82 CRI, for use with electronic and dimming ballasts

#### Product Information

|                                   |                       |
|-----------------------------------|-----------------------|
| Abbrev. With Packaging Info.      | CF7DSE827 50/CS 1/SKU |
| Average Rated Life (hr)           | 10000                 |
| Base                              | 2G7                   |
| Bulb                              | S (T4)                |
| Color Rendering Index (CRI)       | 82                    |
| Color Temperature/CCT (K)         | 2700                  |
| Family Brand Name                 | Dulux® S/E            |
| Industry Standards                | IEC 60901- 2007       |
| Mean Lumens at 25C                | 344                   |
| Maximum Overall Length - MOL (in) | 4.5                   |
| Maximum Overall Length - MOL (mm) | 115                   |
| Nominal Wattage (W)               | 7.00                  |

#### Additional Product Information

**[Product Documents, Graphs, and Images](#)**

**[Packaging Information](#)**



#### Footnotes

- Approximate initial lumens after 100 hours operation.
- Minimum starting temperature is a function of the ballast; consult the ballast manufacturer.
- There is a NEMA supported, industry issue where T2, T4, and T5 fluorescent and compact fluorescent lamps operated on high frequency ballasts may experience an abnormal end-of-life phenomenon. This end-of-life phenomenon can result in one or both of the following: 1. Bulb wall cracking near the lamp base. 2. The lamp can overheat in the base area and possibly melt the base and socket. NEMA recommends that high frequency compact fluorescent ballasts have an end-of-life shutdown circuit which will safely and reliably shut down the system in the rare event of an abnormal end-of-life failure mode described above. The final requirements of this system are yet to be defined by ANSI. For additional information refer to NEMA papers on their WEBSITE at [www.NEMA.org](http://www.NEMA.org).
- The life ratings of fluorescent lamps are based on 3 hr. burning cycles under specified conditions and with ballast meeting ANSI specifications. If burning cycle is increased,

there will be a corresponding increase in the average hours life.

- These lamps may also be operated on rapid start circuits. On rapid start circuits the 24 watt lamp operates at 27 watts and the 36 watt lamp operated at 39 watts. Rated lamp life is unchanged.
- Rule of Thumb for Compact Fluorescent Lamps: Divide wattage of incandescent lamp by 4 to determine approximate wattage of compact fluorescent lamp that will provide similar light output.

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