

DULUX® L SUPERSAVER® ECOLOGIC®

Twin Tube T5 Compact Fluorescent Lamps



DULUX L SUPERSAVER lamps offer energy saving, highly efficient options over 40W twin-tube T5 compact fluorescent lamps. These lamps are an energy saving replacement for the standard lamp. With a relative lumen output of 95 percent and energy savings of up to 10 percent, the 28W DULUX L SUPERSAVER lamp is the right replacement when similar light levels are important and energy savings is needed. When maximizing savings is most important and a reduction in light levels is acceptable, the 25W DULUX L SUPERSAVER yields up to 25 percent energy savings and 79 percent relative light output. Both options deliver significant energy savings with a simple lamp change-out.

For optimal performance consider pairing these lamps with QUICKTRONIC® high efficiency ballasts. When DULUX L SUPERSAVER lamps are installed on QUICKTRONIC ballasts, the system is covered by the QUICK 60+® warranty, the industry's first and most comprehensive lamp and ballast warranty.

Application Information

Applications

- 2x2 recessed fixtures
- Cove
- Landscape
- Pendant
- Signage
- Wall sconces
- Wall wash

Key Features & Benefits

- Replacement lamps for 40W twin-tube T5 compact fluorescent
 - Up to 25% energy savings with the 25W
 - Up to 10% energy savings with the 28W and similar fixture light output
- Up to 100 lumens per watt
- 25,000 hours rated life at 12 hours/start on programmed rapid start ballast
- Higher compact luminaire efficiency at typical luminaire ambient temperature of 35°C (100°F)
- High lumen maintenance: (90% at 40% of rated life)
- Excellent color rendering (82 CRI)
- Operate on OSRAM QUICKTRONIC electronic ballasts for QUICK 60+ System warranty
- Minimum starting temperature: 28W 0°F, 25W 60°F
- TCLP and RoHS compliant

ECOLOGIC® is a comprehensive program focused on addressing environmental issues at all stages of lamp life.

TCLP test results are based on NEMA LL Series standards and are available on request.

Regulations may vary, check your local and state regulations.



Product Offering

Description	Watts	CCT
FT40DL/28W/800/SS/ECO	28	3000K, 3500K, 4100K
FT40DL/25W/800/SS/ECO	25	3000K, 3500K, 4100K

Application Notes

1. Energy savings is based on the power consumed by the SUPERSAVER lamp and the full wattage lamp operating on a high frequency reference circuit at same current and same measurement conditions.
2. Check with ballast manufacturer for compatibility.
3. Minimum starting temperature: 0°F (28W), 60°F (25W).



Catalog #
Project
Comments
Prepared by

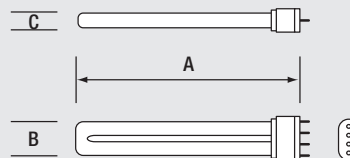
Ordering Information

Item Number	Ordering Abbreviation	Base	Watts	Initial Lumens @25°C	Mean Lumens @25°C	Initial Lumens @35°C	Mean Lumens @35°C	Average Rated Life, 3hr/start ¹	Average Rated Life, 12hr/start ¹	Average Rated Life, 12hr/start ²	Color Temp.	CRI
20518	FT40DL/28W/830/SS/ECO	2G11	28	2,800	2,410	2,910	2,620	20,000	25,000	20,000	3000K	82
20519	FT40DL/28W/835/SS/ECO	2G11	28	2,800	2,410	2,910	2,620	20,000	25,000	20,000	3500K	82
20488	FT40DL/28W/841/SS/ECO	2G11	28	2,800	2,410	2,910	2,620	20,000	25,000	20,000	4100K	82
20117	FT40DL/25W/835/SS/ECO	2G11	25	2,500	2,300	2,600	2,400	20,000	25,000	20,000	3500K	82
20118	FT40DL/25W/841/SS/ECO	2G11	25	2,500	2,300	2,600	2,400	20,000	25,000	20,000	4100K	82

1. Measured on programmed rapid start ballast.
 2. Measured on instant start ballast.

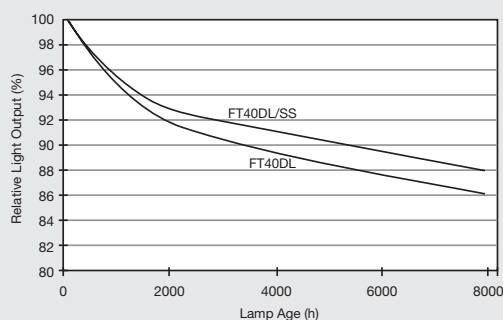
Lamp Dimensions

	(A) Max. Overall Length in. (mm)	(B) Width of Lamp in. (mm)	(C) Max. Bulb Diameter in. (mm)
FT40DL/28W/SS/ECO	22.4 (570.0)	1.6 (40.0)	0.8 (20.0)
FT40DL/25W/SS/ECO	22.4 (570.0)	1.6 (40.0)	0.8 (20.0)
FT40DL	22.4 (570.0)	1.6 (40.0)	0.8 (20.0)



Technical Information

Lumen Maintenance Comparison



Sample Specification

Lamp(s) shall be (a) DULUX® (FT40DL/28W/8XX/SS/ECO or FT40DL/25W/8XX/SS/ECO) ECOLOGIC® lamps and pass existing Federal TCLP limits. Lamp(s) shall have an average rated life of 20,000 hours, a correlated color temperature of (3000K, 3500K or 4100K), and a CRI of 82. Lamps shall have a 2G11, 4-pin base. Lamps shall be operated by QUICKTRONIC® ballasts. Both lamps and ballasts are covered by the QUICK 60+® system warranty.

Related Literature

For maximum energy savings consider pairing with the QUICKTRONIC electronic ballast.

Ballast Technology Applications & Specification Guide (Literature Code: ECS-SPECGUIDE2015)

QUICK 60+ System Warranty (Literature Code: ECS140)

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