

DULUX® L

T5 Compact Fluorescent Lamps



- High lumen single-ended twin-tube lamps
- 18 through 55 Watts
- 2'x2' fixture provides equal lumen output to a 2'x4' fixture
- 55 Watt lamp provides high lumen output for indirect and higher mounting height applications
- 3000K, 3500K, 4100K
- Excellent color rendition, CRI of 82
- Operate on QUICKTRONIC® systems with QUICKSENSE circuitry

¹QUICKTRONIC is a registered trademark of OSRAM GmbH, Germany, used under license by OSRAM SYLVANIA PRODUCTS Inc.

Product Availability

Lamp Type	Watts	Lumens
FT18DL	18	1250
FT18DL/RS	18	1250
FT24DL	24/27	1800
FT36DL	36/39	2900
FT40DL/RS	40	3150
FT55DL	55	4800

SYLVANIA DULUX® L T5 lamps are high lumen, single-ended twin-tube lamps that provide lumen outputs similar to 2', 3' and 4' linear fluorescent lamps, yet are half the length. With lumen outputs up to 4800 and lamp efficacies up to 87 lumens per watt, these compact lamps can be used in indirect as well as direct applications.

QUICKTRONIC® ballasts are available to operate FT24DL, FT36DL, FT40DL/RS and FT55DL lamps. The QUICKSENSE® circuitry in these ballasts provides the end-of-life protection required by NEMA* for these lamps. The QUICK 60+™ warranty program applies to DULUX L lamp/QUICKTRONIC® ballasts installations.

*NEMA: National Electrical Manufacturers Association

System Comparison

Lamp Type	No. of Lamps	System Watts	Ballast Factor	System Lumens	Mean System Lumens	Mean LPW
FB40/CW/SS ES MAG	2	72	.88	4576	3890	54
FB40/700 Std. MAG	2	96	.95	5795	5100	53
FB40/700 ES MAG	2	86	.95	5795	5216	61
FB031/800 IS	3	84	.90	7358	6769	81
FB031/800 PLUS	3	109	1.18	9647	8875	81
FT40DL/800 40DL	3	110	.96	9072	8165	74

Application Information

Applications

Recessed and surface mounted fixtures
 Indirect fixtures
 Wall sconces, wall washing fixtures
 Stage and set lighting
 Sign lighting
 Portable sports lighting
 Task lighting
 Landscape lighting

Application Notes

1. The FT18DL and FT18DL/RS lamps are not electrically interchangeable.
2. The FT24DL, FT36DL, FT40DL/RS and FT55DL lamps: various methods of operation (preheat, rapid start, instant start, programmed start) possible.
3. Lamp life may vary with method of operation.
4. FT24DL: 27W on RS ballasts
5. FT36DL: 39W on RS ballasts

Sample Specification

Lamp(s) shall be DULUX L T5 lamp(s). Lamp(s) shall have a correlated color temperature of (3000K, 3500K, 4100K) and a CRI of 82. The DULUX L T5 (24, 36, 40, 55) shall be operated on QUICKTRONIC electronic high frequency (System PHO 39/24, System 40DL, System PHO 54) ballasts with QUICKSENSE circuitry. The manufacturer shall provide a complete system warranty covering lamps and ballasts.

Ordering and Specification Information

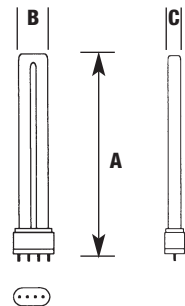
Item Number	Ordering Abbreviation	Watts	Volts	Lumens	Avg. Rated Life (hrs.)	Color Temp.	CRI	Base
20587	FT18DL/830	18	61	1250	12,000	3000K	82	2G11
20588	FT18DL/835	18	61	1250	12,000	3500K	82	2G11
20589	FT18DL/841	18	61	1250	12,000	4100K	82	2G11
20595	FT18DL/830/RS	18	76	1250	20,000	3000K	82	2G11
20594	FT18DL/835/RS	18	76	1250	20,000	3500K	82	2G11
20593	FT18DL/841/RS	18	76	1250	20,000	4100K	82	2G11
20597	FT24DL/830	24	91	1800	12,000	3000K	82	2G11
20580	FT24DL/835	24	91	1800	12,000	3500K	82	2G11
20596	FT24DL/841	24	91	1800	12,000	4100K	82	2G11
20581	FT36DL/830	36	112	2900	12,000	3000K	82	2G11
20582	FT36DL/835	36	112	2900	12,000	3500K	82	2G11
20583	FT36DL/841	36	112	2900	12,000	4100K	82	2G11
20584	FT40DL/830/RS	40	152**	3150	20,000	3000K	82	2G11
20585	FT40DL/835/RS	40	152**	3150	20,000	3500K	82	2G11
20586	FT40DL/841/RS	40	152**	3150	20,000	4100K	82	2G11
20590	FT55DL/830	55	100	4800	12,000	3000K	82	2G11
20591	FT55DL/835	55	100	4800	12,000	3500K	82	2G11
20592	FT55DL/841	55	100	4800	12,000	4100K	82	2G11

** At rated line voltage and nominal lamp current at 25kHz

Ordering Guide

FT	40	DL	/	8	35	/	RS
Fluorescent	Wattage:	DULUX		82 CRI	30=3000K		Rapid
Tubular	18, 24, 36 40 & 55	Long			35=3500K 41=4100K		Start

Dimensions



Ordering Abbreviation	(A) MOL [in (mm)]	(B) Width of Lamp [in (mm)]	(C) Max. Bulb Diameter [in (mm)]
FT18DL	8.9 (225.0)	1.6 (40.0)	0.8 (20)
FT18DL/RS	10.6 (268.0)	1.6 (40.0)	0.8 (20)
FT24DL	12.6 (320.0)	1.6 (40.0)	0.8 (20)
FT36DL	16.3 (415.0)	1.6 (40.0)	0.8 (20)
FT40DL	22.4 (570.0)	1.6 (40.0)	0.8 (20)
FT55DL	21.1 (535.0)	1.6 (40.0)	0.8 (20)

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