

LED Down Light Retrofit

Compatible for use with fluorescent CFL ballasts

1x32W and 2x26W CFL replacement



Down Light Retrofit Solutions

An LED down light direct replacement lighting product requiring NO Re-WIRING of the existing light fluorescent CFL fixture. Excellent energy savings when retrofitting existing 1x32 and 2x26 compact fluorescent down lights.

Installation is easy...just remove existing CFL lamps, install the down mounting ring, plug in the connector and slide in LED light module. Models available to fit 6" and 8" diameter down lights.

Designed to provide equivalent light output compared to down light fixtures fitted with 1x32 and 2x26 Watt compact fluorescent lamps. Models available in two lumen outputs (standard and high lumen).

Product is compatible with most existing standard fluorescent down light Electronic CFL ballast and battery back-up ballasts.

If the existing ballast fails replace the ballast or operate the LED module with an optional 120-277VAC LED remote continuous dimming driver.

Energy Savings of over 55 to 70% when compared to existing Compact Fluorescent 1x32 and 2x26 down light fixtures.

Models available to support 6" and 8" diameter down lights using 1x32 Triple and 2x26 Double compact fluorescent lamps using electronic ballasts.

Installation is easy and saves money. No rewiring of the light fixture is required.

Easy 3 step installation:

- Remove existing reflector and lamp/lamps
- Plug-in the LED module into existing lamp socket
- Install the kit into the opening with spring clips

Benefits:

- Excellent energy savings with minimal installation costs
 - Use with occupancy sensors with frequent starting
 - Instant ON operation
 - Dimmable (with compatible driver)
- No flickering
No glass or mercury for safer work environments
Less lumen depreciation compared to fluorescent systems
ETL tested to UL 1598c requirement
Excellent for low temperature applications
Long life product (>70,000 hours)
5 Year manufactures warranty



LED Down Light Retrofit

Compatible for use with fluorescent CFL ballasts

1x32W and 2x26W CFL replacement

Specifications and Ordering Information:

PRELIMINARY

Model #	Type	Base **	Size	Color Temp	CRI	Lumens	Kit (W)	Input Voltage
6 Inch 1-lamp								
LEDDL-1L-N-850-6-SWF	LED	26W Quad (1)	6" Dia.	5000K	85+	1300	14.0	*CFL ballast
LEDDL-1L-N-840-6-SWF	LED	26W Quad (1)	6" Dia.	4000K	85+	1270	14.0	*CFL ballast
LEDDL-1L-N-835-6-SWF	LED	26W Quad (1)	6" Dia.	3500K	85+	1260	14.0	*CFL ballast
LEDDL-1L-N-830-6-SWF	LED	26W Quad (1)	6" Dia.	3000K	85+	1160	14.0	*CFL ballast
LEDDL-1L-H-850-6-SWF	LED	32W triple (1)	6" Dia.	5000K	85+	1850	20.0	*CFL ballast
LEDDL-1L-H-840-6-SWF	LED	32W triple (1)	6" Dia.	4000K	85+	1800	20.0	*CFL ballast
LEDDL-1L-H-835-6-SWF	LED	32W triple (1)	6" Dia.	3500K	85+	1750	20.0	*CFL ballast
LEDDL-1L-H-830-6-SWF	LED	32W triple (1)	6" Dia.	3000K	85+	1700	20.0	*CFL ballast
8 Inch 1-lamp								
LEDDL-1L-N-850-8-SWF	LED	26W Quad (1)	8" Dia.	5000K	85+	1300	14.0	*CFL ballast
LEDDL-1L-N-840-8-SWF	LED	26W Quad (1)	8" Dia.	4000K	85+	1270	14.0	*CFL ballast
LEDDL-1L-N-835-8-SWF	LED	26W Quad (1)	8" Dia.	3500K	85+	1260	14.0	*CFL ballast
LEDDL-1L-N-830-8-SWF	LED	26W Quad (1)	8" Dia.	3000K	85+	1160	14.0	*CFL ballast
LEDDL-1L-H-850-8-SWF	LED	32W triple (1)	8" Dia.	5000K	85+	1850	20.0	*CFL ballast
LEDDL-1L-H-840-8-SWF	LED	32W triple (1)	8" Dia.	4000K	85+	1800	20.0	*CFL ballast
LEDDL-1L-H-835-8-SWF	LED	32W triple (1)	8" Dia.	3500K	85+	1750	20.0	*CFL ballast
LEDDL-1L-H-830-8-SWF	LED	32W triple (1)	8" Dia.	3000K	85+	1700	20.0	*CFL ballast
6 Inch 2-lamp								
LEDDL-2L-N-850-6-SWF	LED	26W Quad (2)	6" Dia.	5000K	85+	1320	14.0	*CFL ballast
LEDDL-2L-N-840-6-SWF	LED	26W Quad (2)	6" Dia.	4000K	85+	1280	14.0	*CFL ballast
LEDDL-2L-N-835-6-SWF	LED	26W Quad (2)	6" Dia.	3500K	85+	1230	14.0	*CFL ballast
LEDDL-2L-N-830-6-SWF	LED	26W Quad (2)	6" Dia.	3000K	85+	1170	14.0	*CFL ballast
LEDDL-2L-H-850-6-SWF	LED	26W Quad (2)	6" Dia.	5000K	85+	1950	20.0	*CFL ballast
LEDDL-2L-H-840-6-SWF	LED	26W Quad (2)	6" Dia.	4000K	85+	1900	20.0	*CFL ballast
LEDDL-2L-H-835-6-SWF	LED	26W Quad (2)	6" Dia.	3500K	85+	1850	20.0	*CFL ballast
LEDDL-2L-H-830-6-SWF	LED	26W Quad (2)	6" Dia.	3000K	85+	1800	20.0	*CFL ballast
8 Inch 2-lamp								
LEDDL-2L-N-850-8-SWF	LED	26W Quad (2)	8" Dia.	5000K	85+	1320	14.0	*CFL ballast
LEDDL-2L-N-840-8-SWF	LED	26W Quad (2)	8" Dia.	4000K	85+	1280	14.0	*CFL ballast
LEDDL-2L-N-835-8-SWF	LED	26W Quad (2)	8" Dia.	3500K	85+	1230	14.0	*CFL ballast
LEDDL-2L-N-830-8-SWF	LED	26W Quad (2)	8" Dia.	3000K	85+	1170	14.0	*CFL ballast
LEDDL-2L-H-850-8-SWF	LED	26W Quad (2)	8" Dia.	5000K	85+	1950	20.0	*CFL ballast
LEDDL-2L-H-840-8-SWF	LED	26W Quad (2)	8" Dia.	4000K	85+	1900	20.0	*CFL ballast
LEDDL-2L-H-835-8-SWF	LED	26W Quad (2)	8" Dia.	3500K	85+	1850	20.0	*CFL ballast
LEDDL-2L-H-830-8-SWF	LED	26W Quad (2)	8" Dia.	3000K	85+	1800	20.0	*CFL ballast

*Note: Lamp wattage and Lumens noted in chart are based on operation with standard CFL electronic ballast.

LED module operates with most existing CFL electronic ballast at 120,277 and 347VAC.

See Warranty for terms and conditions. Photometric testing consistent with IES-LM-79 and tested to L70 requirements

All specification Information subject to change without notice

**Note: Down Light module supplied with compatible CFL lamp plug for direct insertion into existing lamp socket(s).

Part number designation: _____ - xxx

S – Standard performance _____

W-white (standard) trim color _____

B-black and C-chrome/White (optional)

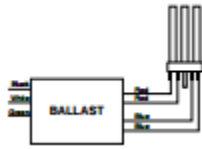
F – Frosted Lens _____

LED Down Light Retrofit

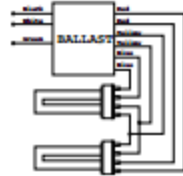
Compatible for use with fluorescent CFL ballasts

1x32W and 2x26W CFL replacement

Existing Ballast Wiring Options:



Existing 1x32 CFL
Triple tube



Existing 2x26 CFL
Twin tube

Application Notes

- There are multiple types of ballast designs (also called topologies) used in fluorescent down light fixtures. To assure proper LED lamp operation and confirm ballast compatibility try product in the fixture before installing large quantities.
- Suitable for damp locations. Avoid applications where fixture can get wet.
- Operating temperature range between -4°F and 122°F (-20°C and 50°C).

ENERGY SAVINGS:

Calculations based on replacement of 1x32 CFL and 2x26 CFL lamps using standard electronic CFL high frequency ballast.

Example: LED down light with 2x26W CFL lamp = 58.5 System Watts – 16.8 = 41.7 System Watts Saved / **>70% ENERGY SAVED**

LED down light with 1x32W CFL lamp = 38.4 System Watts – 16.8 = 21.6 System Watts Saved / **>55% ENERGY SAVED**