

# High Power LED Lamps - Dolphin (DF) Series

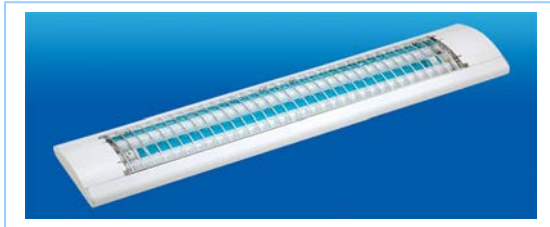
## Dolphin Twin LED Lamp Series - DF7C & DF7D

BrightLite's Dolphin Series High Power Twin LED Lamp is a low cost, high efficient and perfect energy saving solution for new installation or replacement for existing indoor and outdoor (under shield) fluorescent lighting. The Twin LED lamp will provide higher brightness in a compact casing.

BrightLite's patent pending Ultra-BrightLite™ High Power Twin LED lamps provide ease in maintenance, when individual LED Lamps replacement is necessary. The parallel connection eliminated total black out when one LED lamp is malfunctions.



Model: DF7C & DF7C-S  
735 x 160 x 55 mm



Model: DF7D & DF7D-S  
735 x 160 x 55 mm

### Product Description

- Low Cost, High Efficiency.
- Ease in Maintenance. Replaceable individual Ultra-BrightLite™ High Power LED Lamp. All LED Lamps are in parallel connection.
- Ideal for new installation and Direct replacement to existing Fluorescent Lamp installation.
- Equivalent or higher brightness\* compare with Twin Fluorescent Lamp T8 (36Watts x 2).
- Motion sensor build-in, for higher energy saving. (Optional)
  - Detective range 60-120 degree, human body sensing.
  - Default is ~43% light-on and activated to 100% light-on.
  - By-Pass Switches to disable the motion sensor.
- Country of Origin – Made In Singapore

### Color available

- Warm White (3550K), Daylight White (6200K), Red, Green and Blue

### Applications

- Corridors/Walkways. Residential Housing. Staircase. Outdoor Decorative Light
- Landscape Lighting. Offices/Warehouse/Workshop

### Product Specification:

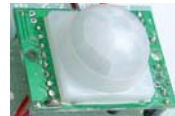
Model Name	DayLight White	
	DF7C	DF7D
Part Number	70DF050500	70DF050600
Description	DF7C (DayLight White LED)	DF7D (DayLight White LED)
Total LED Power	36Watts	
Total System Power	Appro. 40 Watts	
AC Input	100-240 Volts; 50-60 Hz	
Total Lumen	Approx 2400 lm	
Size (L x W x H mm)	735 x 160 x 55mm	
CRI	75	
CCT	6200K	
Lm / Watts led	Approx 67 lm / W	
Model Name	DF7C-S	DF7D-S
Part Number	70DE050700	70DE050800
Motion Sensor	Non-Activated - ~43% Lighted; Activated - 100% Lighted	
	Detection Range 60 Deg to 120 Deg	
	By-Pass Switch	

### Accessories



#### Replacement for Ultra-BrightLite – Type L5

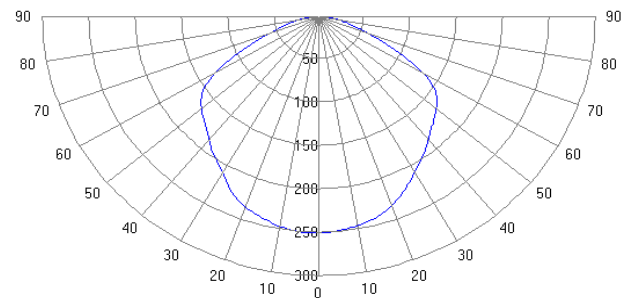
70LL050100	Ultra-BrightLite - L5 (Daylight White)
70LL050200	Ultra-BrightLite - L5 (Warm White)
70LL050300	Ultra-BrightLite - L5 (Red)
70LL050500	Ultra-BrightLite - L5 (Blue)
70LL050400	Ultra-BrightLite - L5 (Green)



#### Human Motion Sensor

### Polar Plot

Polar Candela Distribution Plot  
Using Missed Rays



\*Measured perpendicular directly under the lamp at height of 2.6 meters.

PI-DF7-R1

Note: All Fluorescent tubes in the photos are just for illustration purpose. Actual products will be installed with BrightLite LED lamps.