

Catalog #:	
Project :	
Type :	Date:
Notes:	

LED FLAT DISK PANEL LIGHT

TL-FDPL1™ SERIES

DESCRIPTION

Ultra-Slim Downlight Retrofit engineered for demanding commercial applications. Save up to 80% in energy cost. 100% Mercury & Lead Free.

APPLICATIONS

Ideal for lighting malls, hospitals, hotels, and retail spaces. Replaces CFL & HID or Incandescent downlights for higher energy savings & aesthetics.



QUICK SHIP:

- TL-FDPL1-6-9W-50K
- TL-FDPL1-8-13W-40K TL-FDPL1-8-18W-40K
- TL-FDPL1-8-13W-50K TL-FDPL1-8-18W-50K









Specification Features

Controls / Dimming

High quality internal driver; Triac dimming; Flicker free. Frosted Lens and Non-IC, and rated for damp locations. SMD2835. Beam angle is 120°.

Warranty

5 Years Limited Warranty. See warranty documentation for more information.

Certification

It complies with ETL/ cETL certification, Energy Star Rated, and FCC.

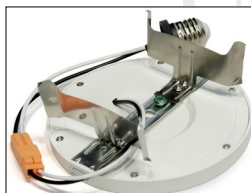
Installation / Mounting

LED recessed downlight retrofit is supplied with a quick connect-case and conduit to make an easy connection to an existing recessed fixture frame junction box. Beam angle is 120°. Instant start w/NO humming.

Ordering Information

Example: TL-FDPL1-6-18W-40K

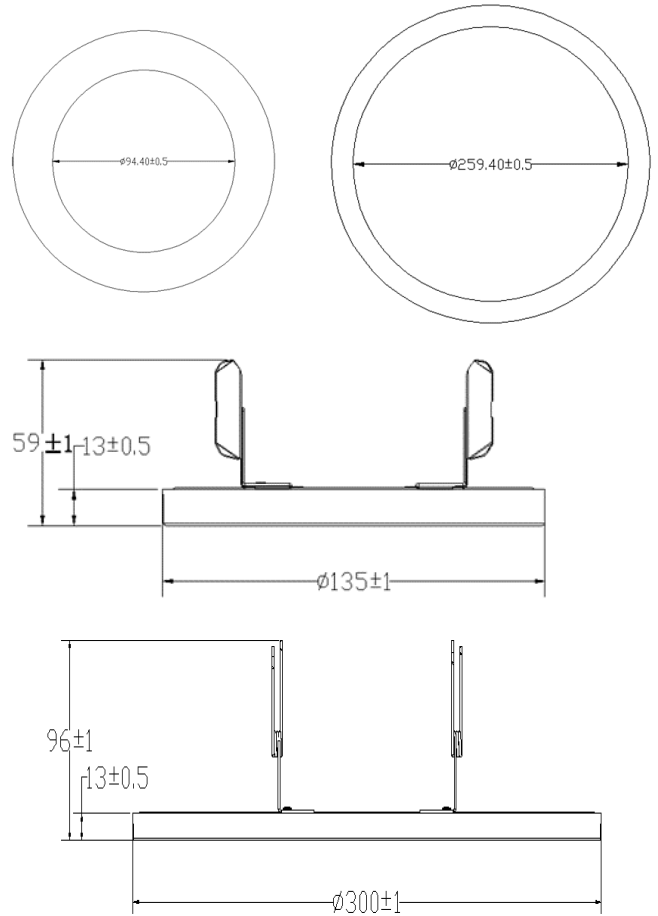
TL	FDPL1	6	12W	50K	[Blank]
Brand	Series	Diameter	Nominal Wattage	Color Temp	Diffuser Type
TL TechnoLED	FDPL1 Flat Disk Panel Light	6 6 Inch 8 8 Inch 12 12 Inch	6W 6 Watt 9W 9 Watt 12W 12 Watt 18W 18 Watt 24W 24 Watt	40K 4000K 50K 5000K	[Blank] Frosted [Blank] 110-120V



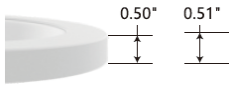
Lighting Parameters

Input Voltage	AC120V
CCT	4000K / 5000K
CRI	Ra>80
Luminous efficacy	80 lm/w
PF	0.90
Driver Efficiency	87%
THD	20%
Working temperature	-4°F~104°F
Storage temperature	-22°F~140°F
IP Rating	IP20

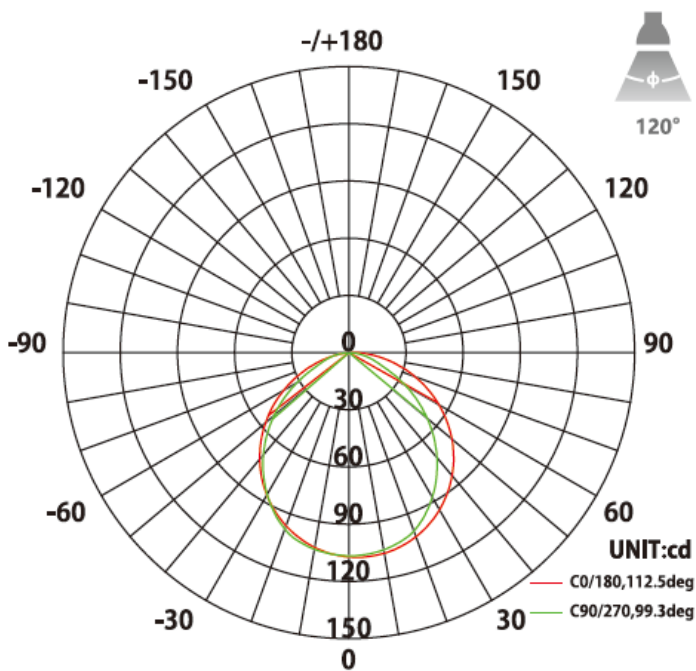
Product Dimension



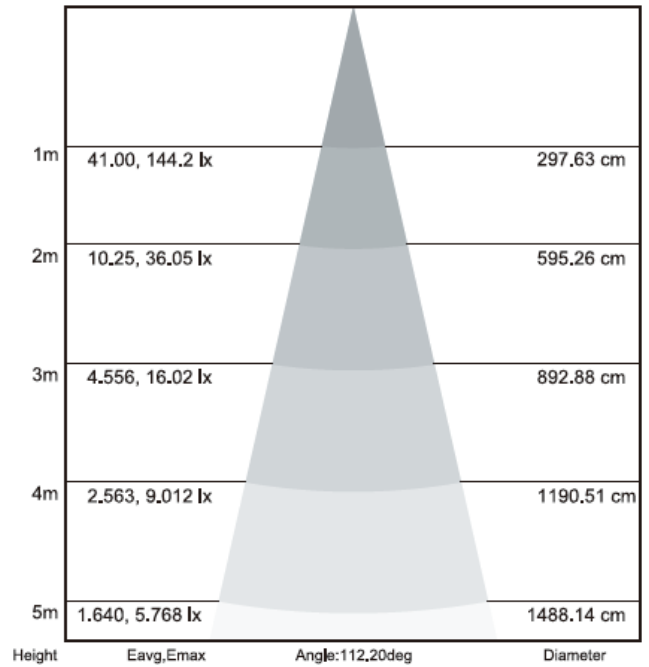
Part Number	L	W	H
TL-FDPL1-6-9W	5.5"	5.5"	0.7"
TL-FDPL1-8-13W	7.3"	7.3"	0.7"
TL-FDPL1-8-18W	9.0"	9.0"	0.7"
TL-FDPL1-12-24W	12"	12"	0.7"



Photometric data



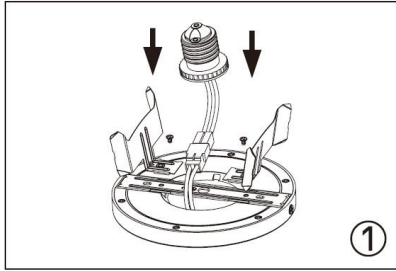
Flux out: 305.4 lm



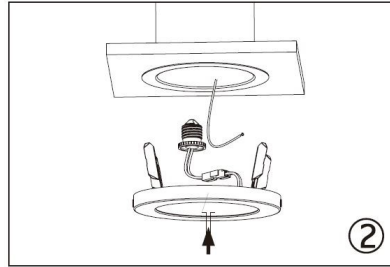
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Installation Instruction

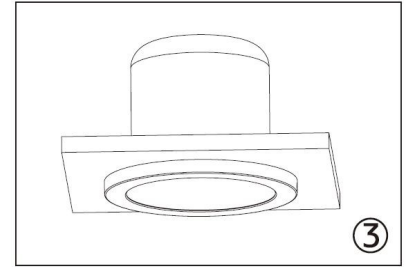
J
/
B
O
X



Remove trim and existing lamp from recessed fixture;

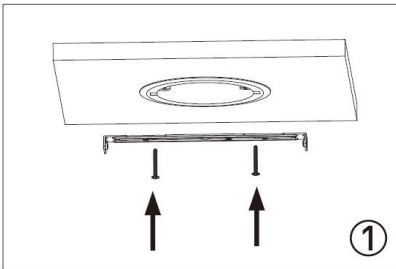


Screw E26 Socket adapter into socket in housing;

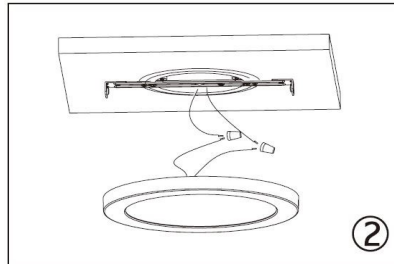


Press the friction blade to insert the lamp into the housing and restore power.

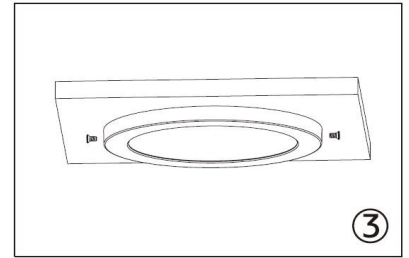
S
U
R
F
A
C
E



Fixing bracket on terminal box;



Connecting the wires;



Fixing the lamp body on bracket and fix tightly.

Product and Packing Information

Model	Outer Carton Size (L×W×H)	Qty/Carton (pcs)	N.W./Ctn (lbs)	G.W./Ctn (lbs)
TL-FDPL1-6-9W	12.0" x 11.6" x 11.8"	60	29 lbs.	32 lbs.
TL-FDPL1-8-13W	15.2" x 8.3" x 15.4"	40	42 lbs.	44 lbs.
TL-FDPL1-8-18W	18.7" x 8.3" x 9.5"	20	26 lbs.	29 lbs.
TL-FDPL1-12-24W	12.6" X 08.3" x 12.6"	10	26 lbs.	29 lbs.

Model	Description	Input Watts	Delivered Lumens	Universal Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
TL-FDPL1-6-9W		9	650	120	80mA	30	>0.9	0.45 lbs.
TL-FDPL1-8-13W		13	920	120	110mA	30	>0.9	0.76 lbs.
TL-FDPL1-8-18W		28	1260	120	170mA	30	>0.9	1.02 lbs.
TL-FDPL1-12-24W		24	1680	120	220mA	30	>0.9	2.20 lbs.

