

Catalog #:	
Project :	
Type :	Date:
Notes:	

**LED FLAT DISK PANEL LIGHT**

**TL-FDPL2™ 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-FDPL2-9-18W-3CCT  
TL-FDPL2-12-24W-3CCT



**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.

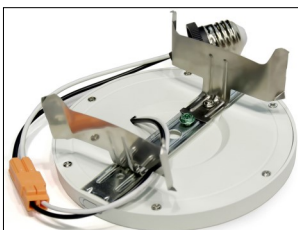
**Installation / Mounting**

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-FDPL2-9-18W-3CCT

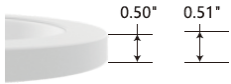
TL	FDPL2	9	18W	3CCT	[Blank]
Brand	Series	Diameter	Nominal Wattage	Color Temp	Diffuser Type
<b>TL</b> TechnoLED	<b>FDPL2</b> Flat Disk Panel Light	<b>9</b> 9 Inch <b>12</b> 12 Inch	<b>18W</b> 18 Watt <b>24W</b> 24 Watt	<b>3CCT</b> 3000K / 4000K / 5000K	<b>[Blank]</b> Frosted  <b>[Blank]</b> 110-120V



Lighting Parameters

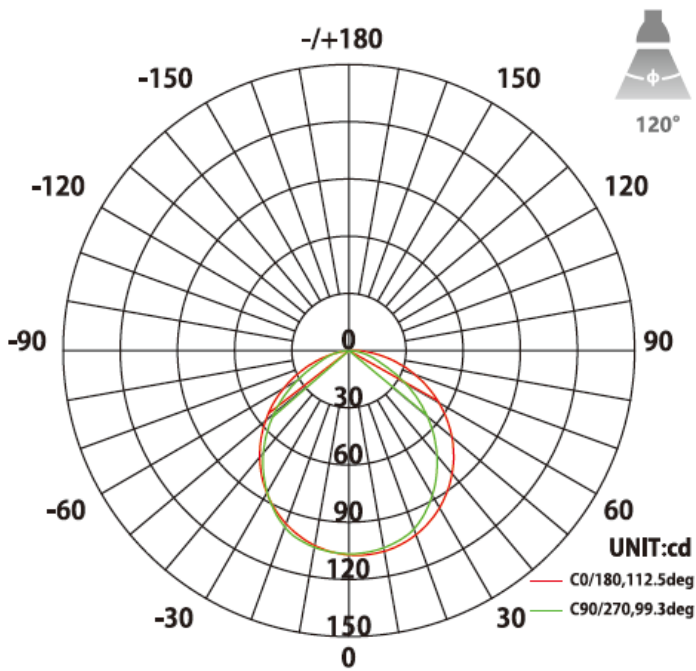
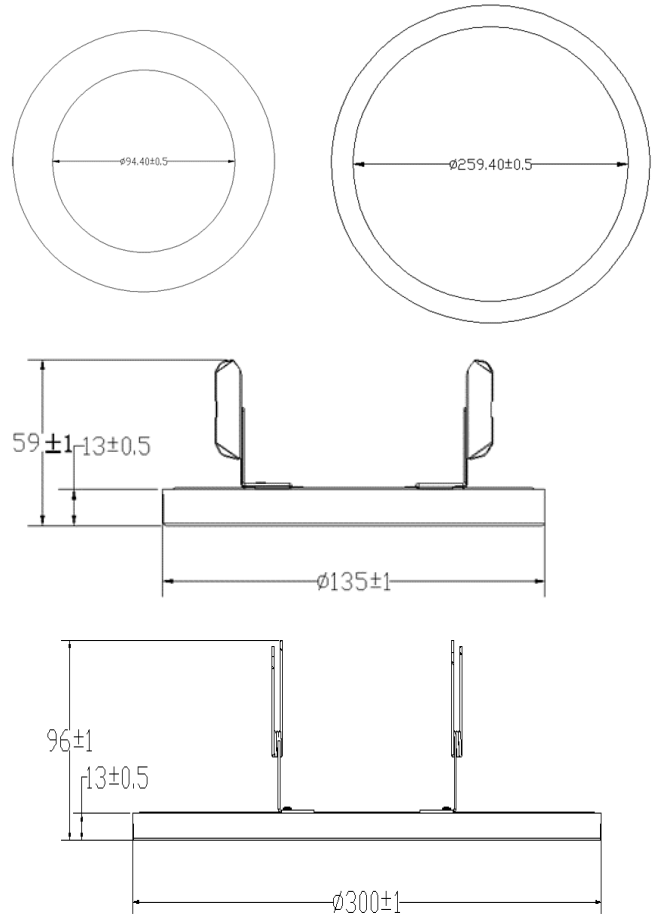
Input Voltage	AC120V
CCT	3CCT (3000K / 4000K / 5000K)
CRI	Ra>80
Luminous efficacy	80 lm/w
PF	0.90
Driver Efficiency	87%
THD	20%
Working temperature	-4°F~104°F
Storage temperature	-22°F~140°F
IP Rating	IP20

Part Number	L	W	H
TL-FDPL1/2-9-18W (3CCT)	9.0"	9.0"	0.7"
TL-FDPL1/2-12-24 (3CCT)	12"	12"	0.7"



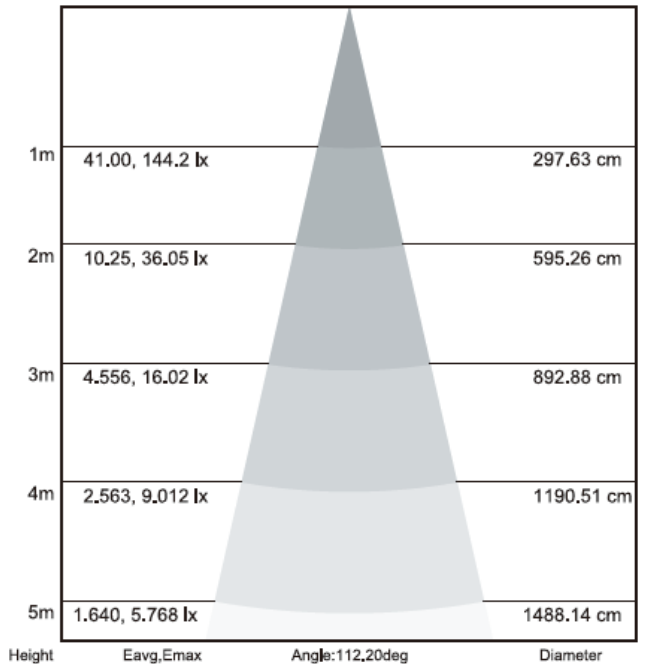
Photometric data

Product Dimension



AVERAGE BEAM ANGLE(50%):105.9 DEG

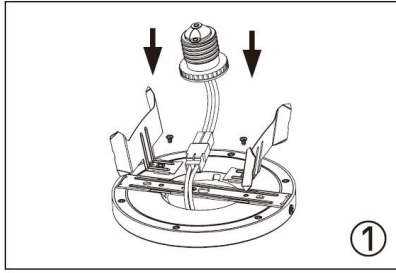
Flux out:305.4 lm



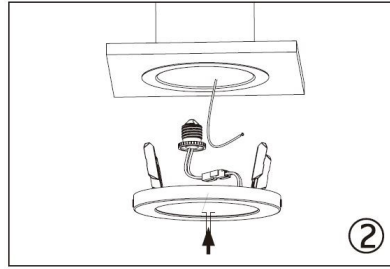
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Installation Instruction

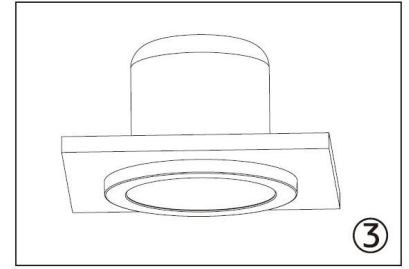
J  
/  
B  
O  
X



Remove trim and existing lamp from recessed fixture;

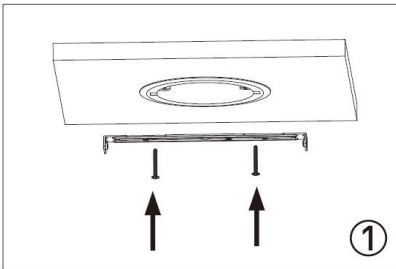


Screw E26 Socket adapter into socket in housing;

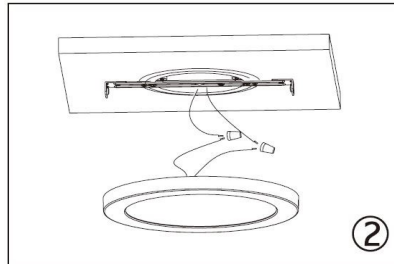


Press the friction blade to insert the lamp into the housing and restore power.

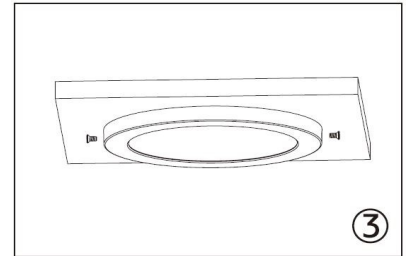
S  
U  
R  
F  
A  
C  
E



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-FDPL2-9-18W	18.7" x 8.3" x 9.5"	20	26 lbs.	29 lbs.
TL-FDPL2-12-24W	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-FDPL2-9-18W		18	1440	120	170mA	30	>0.9	1.02 lbs.
TL-FDPL2-12-24W		24	1920	120	220mA	30	>0.9	2.20 lbs.

