BL4-301
4" Super-thin Round LED Recessed Panel Light

Catalog #		Prepared by	LiteHarbor
Project		Date	
Notes			
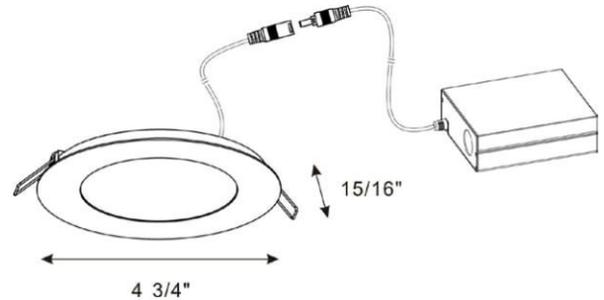
4" Super-thin Round LED Recessed Panel Light

Description

With only 1/2" clearance, this ultra thin recessed LED Panel is absolutely perfect for tight spaces, soffits and insulated and dropped ceilings.
Recessed 4" round LED panle with integral driver In connection box. Fits where no other recessed fixture can. This LED is 10 watts and replaces a 50 watt halogen Save up to 80% energy for same light output.
The thin Panel profile with spring clips allows for quick and easy installation. Ideal for confined spaces and suitable for damp locations

Features

Available in all 4" round openings.
Retrofit or New Construction
1/2" Thin - Install Directly Under Joists, Maximum Layout Flexibility
Comes with Junction Box & Driver,No Housing Required
Fast & Easy To Install

A   B   C   D   E   F   G

Item No.: BL4-301

A	Series
BL4-301	4" Round & Remodel
BL4-301-NC	4" Round & New Construction

B	Input Voltage
	120V
277	277V
U	120-347V

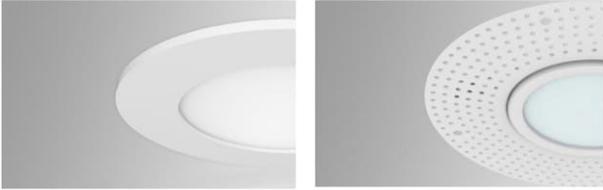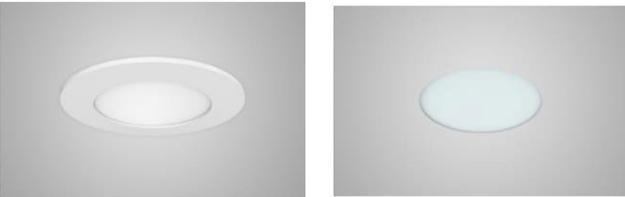| C	Color Temperature
27	2700K
30	3000K
40	4000K
	5000K
	6000K

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Mounting

Cut Hole In Ceiling And Snap Fixture In Opening
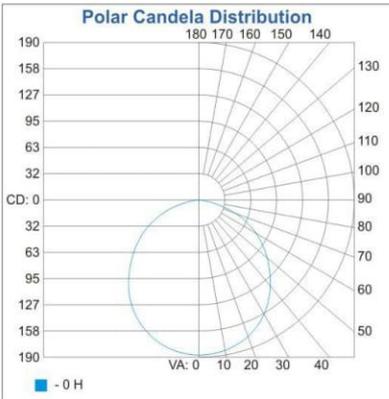With Attached Spring Clips. 2" Above Ceiling Clearance
Required For Driver.

E	Finish
WH	White
BK	Black
SN	Satin Nickel

Trim Option

F	Mounting
	Remodel
	New Construction

G	Trim
	Trimmed
	Trimless

Appearance

D	Dimmable
	Non-Dimmable
DM	Dimmable

Light Distribution Curve

Polar Candela Distribution

Illuminance at a Distance

	Center Beam FC	Beam Width
3.3ft	17.2 fc	9.4ft
6.7ft	4.17 fc	19.0ft
10.0ft	1.87 fc	28.4ft
13.3ft	1.06 fc	37.7ft
16.7ft	0.67 fc	47.4ft
20.0ft	0.47 fc	56.7ft

■ Vert. Spread: 109.6
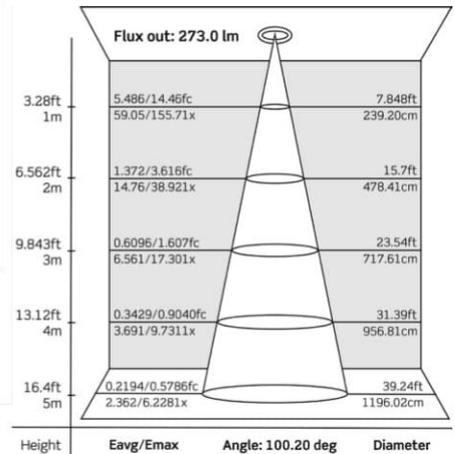
Note: The Curves indicate the illuminated area and the average
illumination at a set distance from the LED Down Light.

Flux out: 273.0 lm

Height	Eavg/Emax	Angle: 100.20 deg	Diameter
3.28ft / 1m	5.486/14.46fc / 59.05/155.71x		7.848ft / 239.20cm
6.562ft / 2m	1.372/3.616fc / 14.76/38.921x		15.7ft / 478.41cm
9.843ft / 3m	0.6096/1.607fc / 6.561/17.301x		23.54ft / 717.61cm
13.12ft / 4m	0.3429/0.9040fc / 3.691/9.7311x		31.39ft / 956.81cm
16.4ft / 5m	0.2194/0.5786fc / 2.362/6.2281x		39.24ft / 1196.02cm

Packing
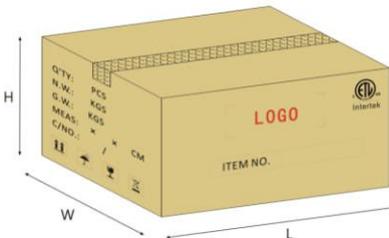
CTN Size:

L:480xW:305xH:285mm

- Inner Box Size:

L:145xW:75xH:130mm

- 24PCS/CTN

Specification

Applications	Recessed Ceiling Mount
Wattage	10W
Light Output	800lm
CRI	80+
CCT	2700K-4000K
Driver Input	120V AC or 277V-347V AC 50/60 Hz
Power Factor	0.98
Dimming	TRIAC Dimmers 10%-100% (120V only)
Location	Insulated Ceiling & Damp Locations
Lifespan	50,000 Hours at 70% Light Output
Certification	ETL
Warranty	5 Year Limited for Fixture & Driver

PARTS LIST
1. Junction Box & Driver
2. Light panel
3. Spring clips
4. Connector

Fig. 1

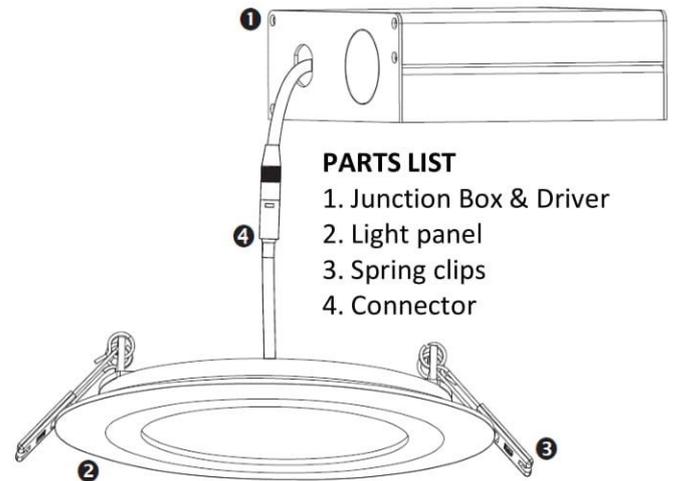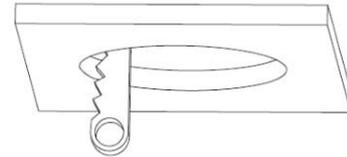| Hole diameter/Diamètre de perforation:	
PROF40 (4")	4 1/4" ± 1/8" (110 ±
PROF60 (6")	6 5/16" ± 1/8" (160 ± 3mm)

Fig. 2

Installation Instructions

1. Turn power OFF from the electrical panel prior to installation.

2. Determine the location for installation and cut ceiling hole in accordance with cut-hole dimensions. Refer to *Hole Diameter* table for appropriate sizes. (Fig. 1)

3. Open the junction box cover and remove the appropriate knockout(s) on the side panel. (Fig. 2)

4. Insert the electrical supply cable through the knockout and secure with a cable connector (sold separately).

5. Using quick-connect push-in terminals, connect the ground wire to the green wire terminal; black wire to black wire terminal; white wire to white wire terminal. (Fig. 2)
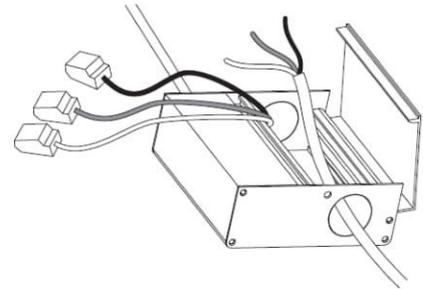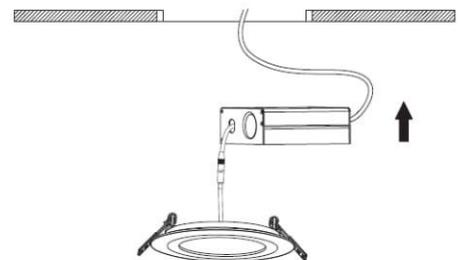
Fig. 3

PANEL LIGHT

6. Place all wiring and connections back in to the box and close the cover. Connect the driver to the light panel.

7. Insert junction box through the mounting hole. (Fig. 3)

8. Push spring-loaded clips on the fixture upwards and insert fixture base in to the mounting hole. Release the clips and fixture will be pulled flush to the ceiling. (Fig. 4)

Fig. 4

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