



PLANO™

Disk Light



SKU #	Model #
157071	D228-20W-90-CCT-WH

Beyond LED Technology's PLANO 2nd Gen Disk Lights deliver a sleek, ultra-thin lighting solution engineered for versatility, performance, and modern aesthetics. Designed for both new construction and retrofit projects, these advanced disk lights offer 5 selectable color temperatures, making them ideal for varied lighting needs in both residential and commercial spaces. With an impressive CRI over 90, the PLANO series ensures vivid, true-to-life color rendering. Its low-profile, driverless design allows for seamless surface mounting to a standard 4-inch junction box or retrofitting into existing 5 or 6-inch recessed cans, making installation fast and effortless. Built for performance and durability, the PLANO 2nd Gen is dimmable from 100% to 10% with most Triac dimmers and rated for wet locations, making it the perfect solution for kitchen ceilings, hallway lighting, laundry rooms, bathrooms, showers, soffit lighting, and basement ceilings. The PLANO 2nd Gen Disk Lights offer a flexible and energy-efficient downlighting solution with premium quality and a clean, modern look—perfect for upgrading everyday living and working environments.

Product Features

- Up to 82 lm/W
- 20 Watt
- Adjustable CCT 2700K/3K/3500K/4K/5K
- 120° Beam Angle
- Ultra-slim, driverless design
- Easy retrofit or surface mount installation
- Triac dimming (10%–100%)
- Aluminum + PC Housing
- Wet location rated
- Input Voltage 120V AC
- UL & Energy Star Listed
- 5 Years Warranty

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SKU	WATT	MAX LUMENS	ADJUSTABLE CCT	INPUT VOLTAGE	CRI	SIZE	LIGHT SPREAD	CONSTRUCTION	DIMMING	CERTIFICATIONS
157071	20W	1640	2700K/3K/3500K/4K/5K	120VAC	>90	8"	120°	Iron+PC	Triac Dimmable	UL & ES

SKU: 157071 / 8"

Specifications

Parameter	Description	Value
General Performance	Model #	D228-20W-90-CCT-WH
	Watt	20W
	Max Lumen	1640
	Lumen Efficacy	Up to 82LM/W
	Color Temperature	2700K/3000K/3500K/4000K/5000K
	CRI (Ra)	>90
	Light Spread	120°
	Diffuser Type	PC
Electrical	Input Voltage	120Vac
	Frequency	50/60Hz
	Dimming	Triac Dimmable
	Power Factor	≥0.9
	Driver Surge Protection	2.5KV
	Operating Temperature	-20 ± 40
Physical	Operating Humidity	10% - 60%
	Storage Temperature	-20°C - 50°C
	Storage Humidity	10% - 60%
	LED Brand	HONGLI
	LED Type	SMD2835
	LED QTY	88PCS
	Construction	Iron+PC
Qualification	Housing Color	White
	IP Rating	Wet Location Rated
	Warranty	5 Years

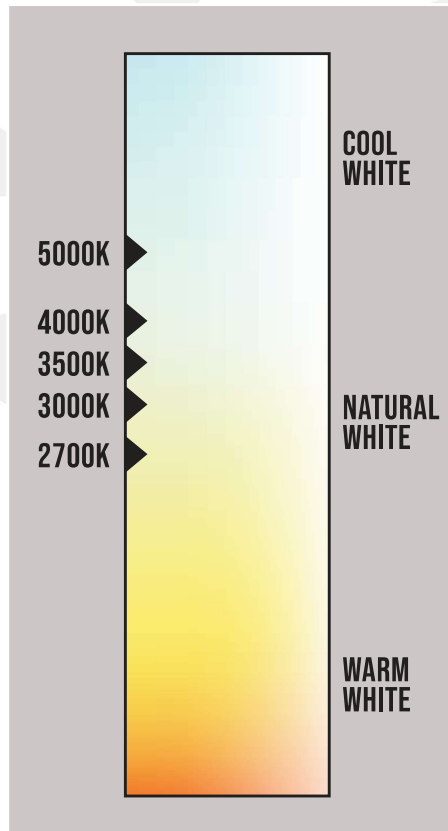
DISK LIGHT



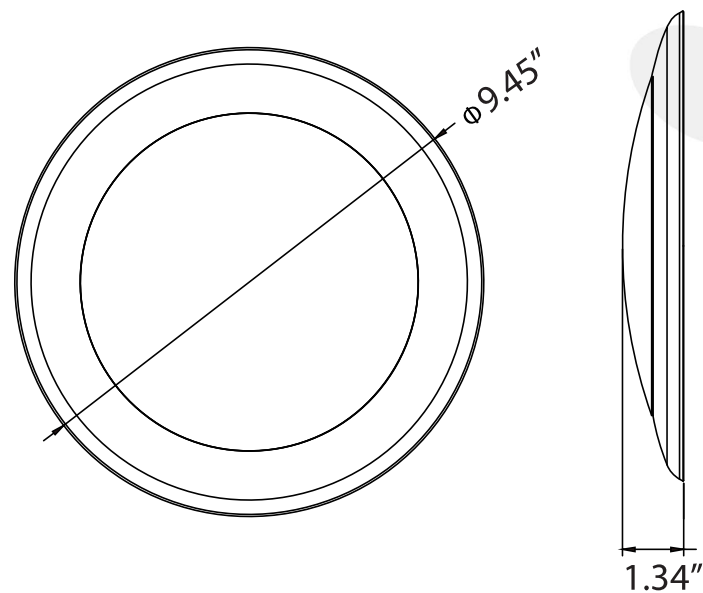
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Correlated Color Temperature (CCT)



Dimensions

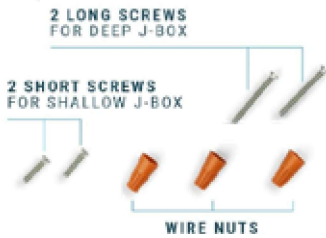
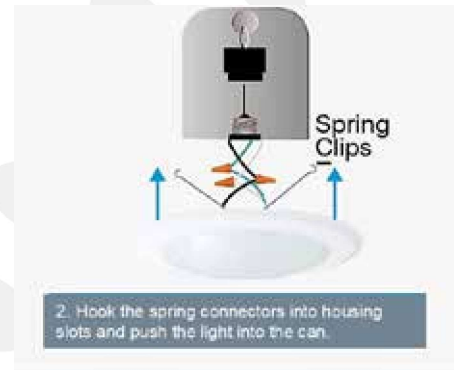
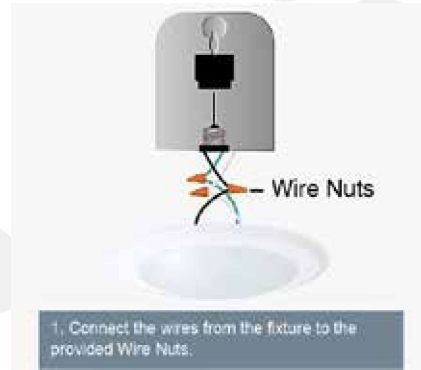


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Accessories & Installation



DISK LIGHT



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Installation

Please read carefully and save these instructions, as you may need them at a later date.

GENERAL: ALL ELECTRICAL CONNECTIONS MUST BE IN ACCORDANCE WITH LOCAL AND NATIONAL ELECTRICAL CODE (N.E.C). ELECTRICAL WIRING CONNECTIONS OBTAIN THE SERVICES OF A QUALIFIED ELECTRICIAN.

WARNING- RISK OF FIRE OR ELECTRIC SHOCK

- DO NOT MAKE OR ALTER ANY OPEN HOLES IN THE ENCLOSURE TO THE WIRING OR ELECTRICAL COMPONENTS DURING KIT INSTALLATION. TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR OTHER SHARP OBJECTS.
- SUITABLE FOR DAMP LOCATIONS
- SUITABLE FOR TYPE IC OR SUITABLE FOR TYPE NON-IC USE ONLY IN OPEN LUMINAIRES
- THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXITS

ASSEMBLY AND INSTALLATION

This IC/AT fixture is intended for use in Suspended ceilings (with or without insulation). Shut off power before installation

Connect supply wires to wires on fixture with wire nuts or push wires into Quick Connector. Connect white to white, black to black, and copper wire to copper wire as grounding connection. (FIG.2)

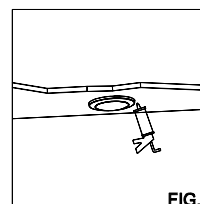
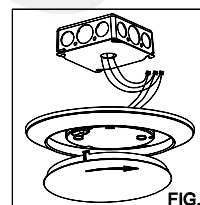
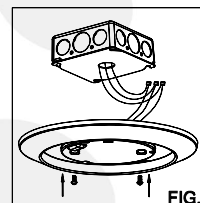
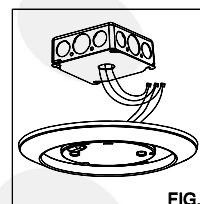
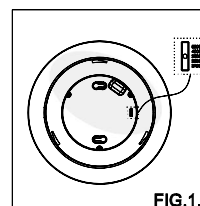
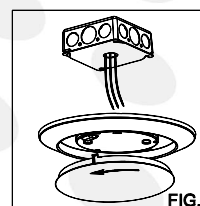
Arrange the wires into the back of the junction box.

Push the fixture back to the ceiling and make sure the fixture secured in the bracket of junction box. (FIG.3) Complete the installation by push the fixture into the ceiling. (FIG.4) Once the fixture is mounted on the wall, caulk the space between the wall and the Shell. (FIG. 5)

Switch to the most surface is 2700K, switch to the bottom is 5000K

The middle is 3000K, 3500K, 4000K respectively (FIG.1.1)

WARNING - RISK OF ELECTRIC SHOCK. DISCONNECT MAIN POWER AT FUSE OR CIRCUIT BREAKER BEFORE INSTALLING OR SERVICING THE FIXTURE



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Installation

ASSEMBLY AND INSTALLATION

INCANDESCENT HOUSINGS

- Unscrew the WING NUT inside the CAN to detach the SOCKET BRACKET from the CAN. Disengage the SOCKET from the SOCKET
- Thread the SOCKET ADAPTER into the SOCKET. (FIG. 2)
- Install the Spring Hooks as FIG.5 (For 5 Inch Can) or FIG.6 (For 6 Inch Can) by using M3*8 self tapping screws.
- Match the Male and Female Plugs and connect them firmly. (FIG. 3)
- If using TORSION SPRINGS, squeeze both TORSION SPRING arms together and insert into the TORSION SPRING SLOTS (or place spring on mounting bracket RECEIVER BRACKETS) of the CAN.(FIG. 4)
- Tuck all wires into the CAN and carefully push the RETRO-FIT TRIM into CAN. (NOTE: To provide enough room in shallow cans, carefully position SOCKET ADAPTER and SOCKET adjacent to the long side of the LED DRIVER prior to inserting the RETROFIT TRIM into the CAN.) (FIG. 4)

LED HOUSINGS

Dimming performance may depend on the dimmer, the dimmer range adjustment setting (for dimmers with brightness range adjustments), the wiring method, and/or the number of LED modules installed onto the dimmer circuit.

For dimmer selection, dimming control manufacturers revise their product often; for the latest list of compatible dimmers please visit our website.

For best results, it is recommended to install a minimum of four LED modules onto one dimmer.

Before turning on the LED lights, set dimmer position at maximum before adjusting to a lower light level.

Please follow the dimming control manufacturer's instructions for the installation of all dimming controls.

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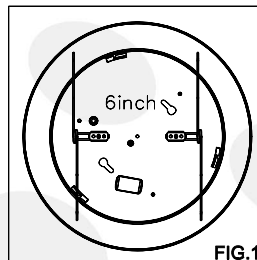
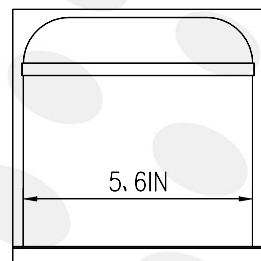


FIG.1

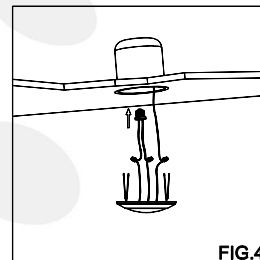


FIG.4

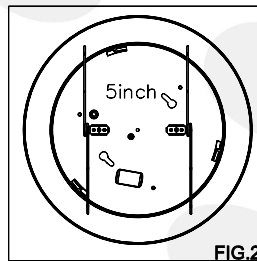


FIG.2

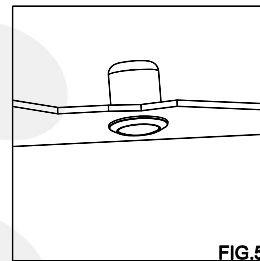


FIG.5

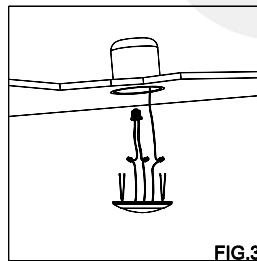


FIG.3

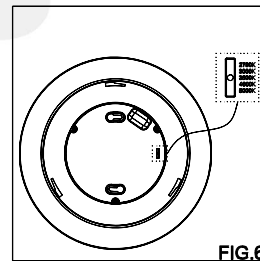


FIG.6



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Packaging

SKU	Box Type	Box Dimension	Qty	Net Weight	Gross Weight
157071	Inner Box	9.64" x 2.04" x 9.64"	1 Pc/Box	1.2LBS	1.4LBS
	Middle Box	10" x 8.9" x10"	4 Pcs/Box	6.8LBS	7.6LBS
	Outer Box	18.50" x10.63" x10.63"	8 Pcs/Box	12.3LBS	13.2LBS

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Application Image



Warranty

This product is covered under a 5-year warranty. For complete warranty details, [Click Here.](#)