

LED COMMERCIAL DOWNLIGHT



Lumens Depot Foam's LED Commercial Downlights deliver advanced performance, flexibility, and efficiency, making them an excellent choice for corporate offices, healthcare facilities, educational institutions, and other commercial spaces. Designed with adjustable wattage and five selectable CCT options, they provide customizable lighting to suit a wide range of environments.

Offering high efficacy of up to 100 lumens per watt, these downlights are ideal for ceilings up to 16 feet, ensuring bright and efficient illumination. They are also compatible with optional emergency backup systems, adding an extra layer of reliability for critical applications.

Constructed with a durable aluminum housing and a sleek finish, these downlights combine modern aesthetics with long-lasting performance, making them a dependable and energy-efficient lighting solution for various commercial settings.

Product Features

- Up to 100 lm/W
- Available in 6" & 8"
- Adjustable wattage
- Adjustable CCT
- 0-10V Dimmable
- 90° Beam Angle
- Silver housing
- Input Voltage 120-347V AC
- ETL & ES listed
- 5-year warranty

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ADJ. WATT	MAX LUMENS	ADJ. CCT	INPUT VOLTAGE	CRI	SIZE	LIGHT SPREAD	CONSTRUCTION	DIMMING	CERTIFICATIONS
13W/19W/27W	3000	2700K/3000K/3500K/4000K/5000K	120-347V	>80	6"	90°	Aluminum	0-10V	ETL & ES
18W/27W/36W	4000	2700K/3000K/3500K/4000K/5000K	120-347V	>80	8"	90°	Aluminum	0-10V	ETL & ES

Specifications

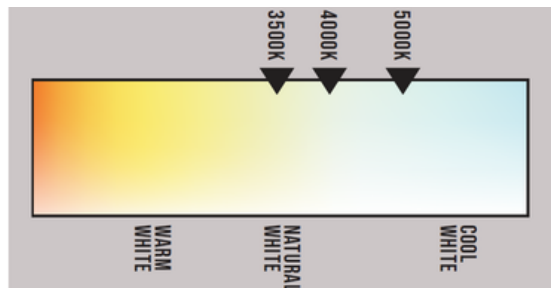
Parameter	Description	Value
General Performance	Adjustable Watt	13W/19W/27W
	Max Lumens	3000
	Lumen Efficacy	Up to 100LM/W
	Color Temperature	2700K/3000K/3500K/4000K/5000K
	CRI (Ra)	>80
	Light Spread	90o
	Diffuser Type	N/A
Electrical	Input Voltage	120-347Vac
	Frequency	60Hz
	Dimming	0-10V Dimmable
	Power Factor	≥0.9
	Driver Surge Protection	N/A
	Flicker Percent	<30%
Physical	Operating Temperature	-20°C-40°C
	Operating Humidity	<75%RH
	Storage Temperature	20°C-30°C
	Storage Humidity	<60%RH
	LED Brand	Lumileds
	LED Type	2835
	LED QTY	64 Pcs
	Construction	Aluminum
Qualification	Housing Color	Silver
	IP Rating	Damp
	Warranty	5 Years Warranty

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Specifications		
Parameter	Description	Value
General Performance	Adjustable Watt	18W/27W/36W
	Max Lumens	4000
	Lumen Efficacy	Up to 100LM/W
	Color Temperature	2700K/3000K/3500K/4000K/5000K
	CRI (Ra)	>80
	Light Spread	90o
	Diffuser Type	N/A
Electrical	Input Voltage	120-347Vac
	Frequency	60Hz
	Dimming	0-10V Dimmable
	Power Factor	≥0.9
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	LED Brand	Lumileds
	LED Type	2835
	LED QTY	80 Pcs
Qualification	Construction	Aluminum
	Housing Color	Silver
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Correlated Color Temperature (CCT)



Multiple Wattages Adjustable
Easily accessible switch allows selection between 3 wattages depending on output requirements



Multiple CCT Adjustable
Easily accessible switch allows selection between 5 CCT depending on output requirements

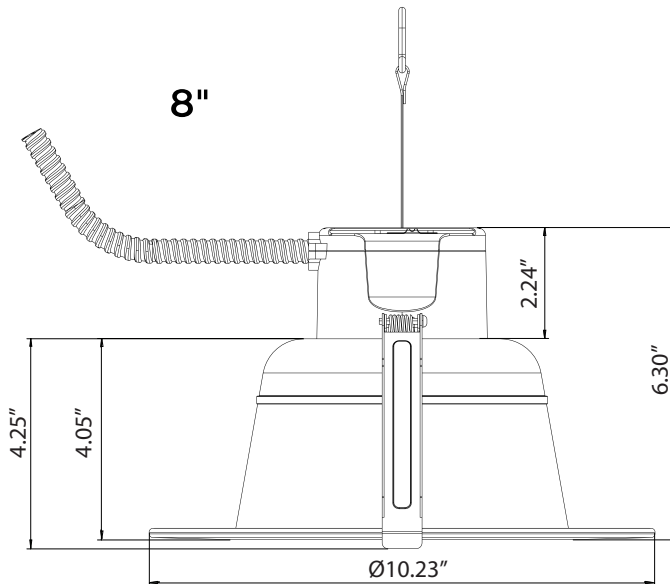
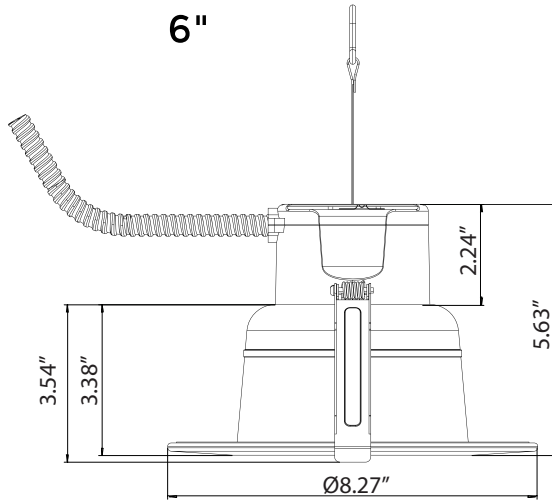
Optional Accessories



Model	Wattage	Input Voltage	Output Voltage	Emergency Time	Battery	Application
BLD-HM15D-YYY	15W	100-347Vac	170Vdc	90min	Li-ion	for 0-10V dim LED lights 100W, non-dim/triac dim LED lights 6~15W
BLD-HM20D-YYY	20W	100-347Vac	170Vdc	90min	Li-ion	for 0-10V dim LED lights 100W, non-dim/triac dim LED lights 6~20W

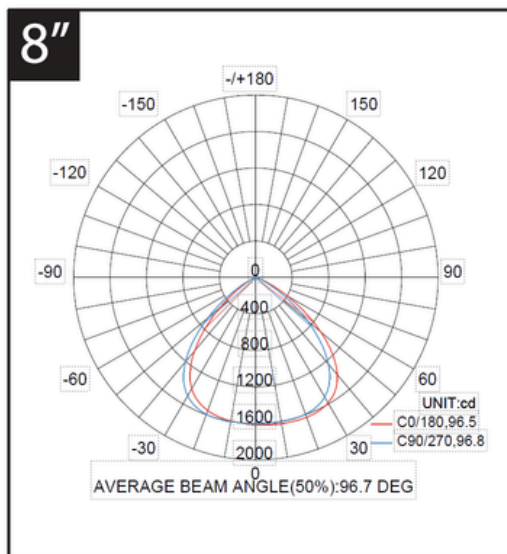
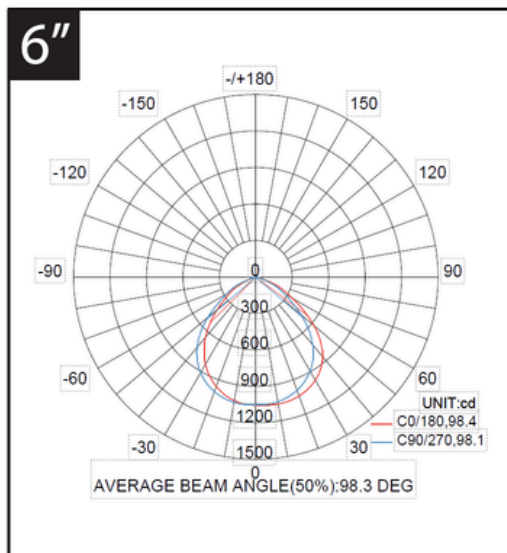
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Dimensions



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Photometric Data



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Installation

- READ ALL INSTRUCTIONS
- WARNING - RISK OF FIRE OR ELECTRIC SHOCK. INSTALLATION REQUIRES KNOWLEDGE OF LUMINAIRE ELECTRICAL SYSTEMS. IF NOT QUALIFIED, DO NOT ATTEMPT INSTALLATION AND CONTACT A QUALIFIED ELECTRICIAN.
- WARNING - THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH APPLICABLE INSTALLATION CODES BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.
- WARNING - INSTALL THIS KIT IN ACCORDANCE WITH THE INSTALLATION INSTRUCTIONS ACCORDING TO THE DIMENSIONS AND SUPPLY VOLTAGE AND AMPERAGE RATINGS SHOWN.
- DO NOT INSTALL THE LUMINAIRE NEAR ANY HEAT SOURCE.
- TO AVOID INJURY OR DAMAGE TO THE LUMINAIRE, PLEASE ENSURE THAT THE POWER LEADS AND SCREWS ARE SECURE BEFORE CONNECTING POWER.
- ALWAYS ENSURE THAT POWER IS OFF, AND THE LUMINAIRE HAS COOLED, BEFORE PERFORMING ANY MAINTENANCE, CLEANING, OR ADJUSTMENTS TO THE LUMINAIRE.

FCC NOTICE

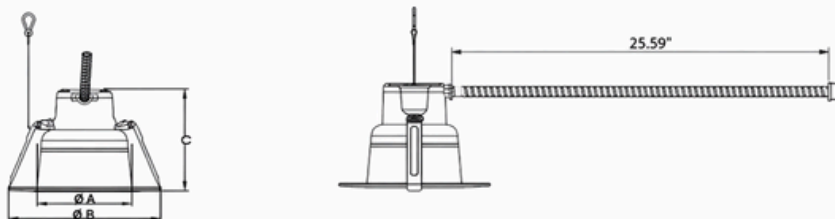
• This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the lighting unit and receiver.
3. Connect the lighting unit into an outlet on a circuit other than the outlet which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for assistance.

NOTE: Please note that changes and modifications are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Conforms to standard CAN-ICES 005(B) /NMB-005 (B)

TABLE 1



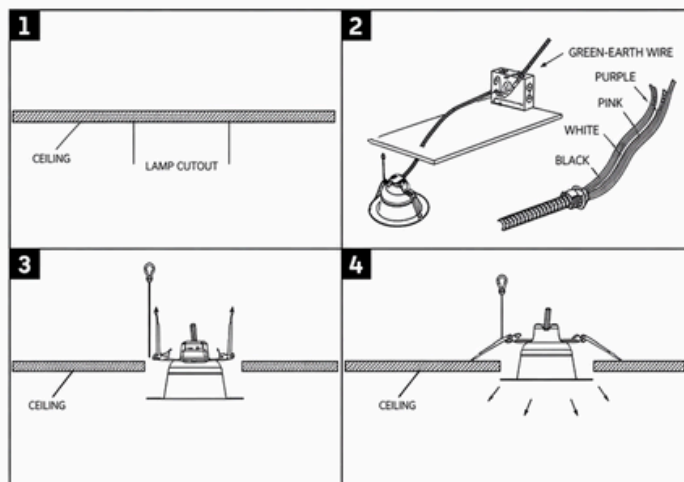
PRODUCTS COVERED								
Model	CCT Adjustable	Lumen output	System power consumption	A	B	C	Min. Cutout	Max. Cutout
6" CCT	2700/3000/3500	1500/2100/3000(LM)	13W/19W/27W	5.36"	8.27"	5.62"	5.91"	7.48"
8" CCT	4000/5000(K)	2000/3000/4000(LM)	18W/27W/36W	6.54"	10.23"	6.29"	7.48"	9.45"

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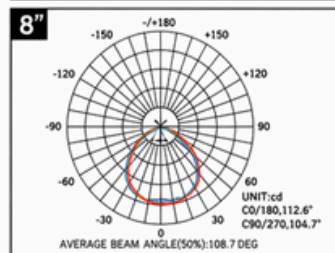
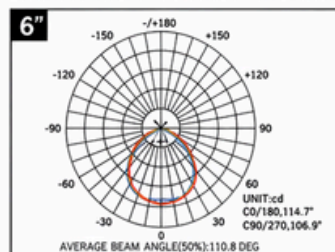
Installation

ALWAYS TURN OFF THE POWER SUPPLY FROM MAIN CIRCUIT BREAKER FIRST!

1. THERMAL RADIATION SPACE AND IRRADIATION DISTANCE MUST BE ENSURED. THE HEIGHT OF THE FIXTURE SHOULD BE NO LESS THAN 100MM. OPEN A HOLE IN CEILING ACCORDING TO CUTOUT SIZE OF THE LAMP.
2. CONNECT AC AND DC WIRES CORRESPONDINGLY AS SHOWN IN FIGURE 2.
3. BEND BACK THE SPRING CLIPS THEN PUSH THE LAMP INTO THE HOLE.
4. INSTALLATION COMPLETED. SWITCH ON.



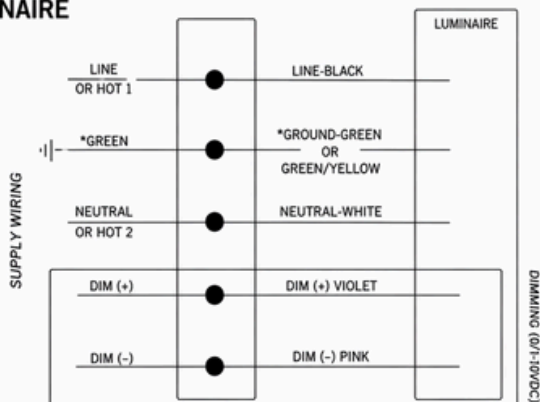
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



ELECTRICAL CONNECTIONS- STANDARD LUMINAIRE

Make the following Electrical Connections:

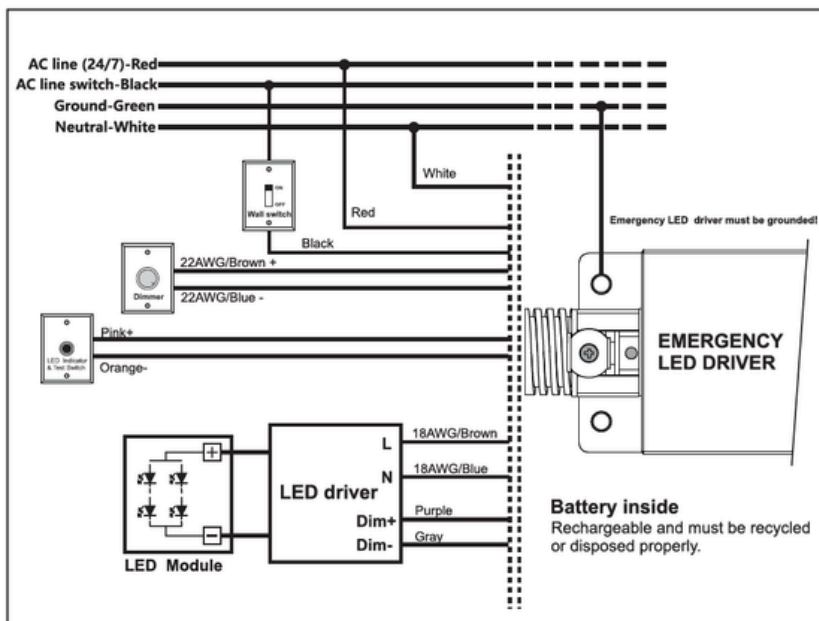
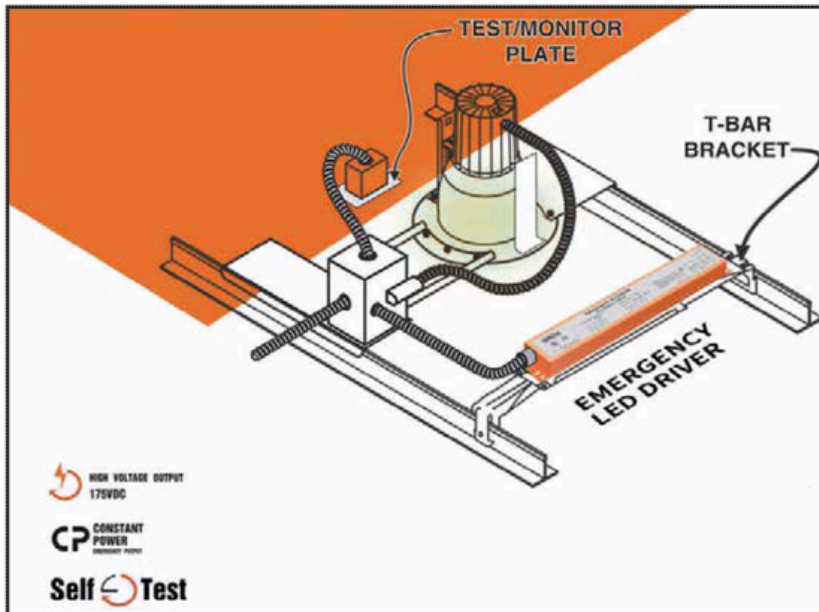
- a. For 120-347V connect the black texture lead to the voltage supply or Hot 1.
- b. For 120-347V connect the white texture lead to the neutral supply or Hot 2.
- c. Connect the green or green/yellow supply ground lead to the junction box
- d. If 0/1-10V Dimming is used, connect the violet lead to the supply positive dimming lead. If dimming is not being used ensure to cap o the violet lead. For dimming connections, use Class 1 wiring methods.
- e. If 0/1-10v Dimming is used, connect the pink lead to the supply negative dimming lead. If dimming is not being used ensure to cap o the pink lead. For dimming connections, use Class 1 wiring methods.



*Connect the green or green/yellow supply ground lead to the junction box

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Wiring Diagram



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Packaging

Box Type	Size	Box Dimension	Qty	Net Weight	Gross Weight
Inner Box	6"	8.42 x 8.42 x 6.42	1 Pc/Box		
Outer Box	6"	20.03 x 17.48 x 9.21	6 Pcs/Box	8LBS	11.94LBS
Inner Box	8"	10.39 x 10.39 x 7.08	1 Pc/Box		
Outer Box	8"	22.04 x 21.57 x 11.18	6 Pcs/Box	9.83LBS	15.46LBS

Applicaton Image



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Applicaton Image

