



# NATRA™

## Commercial Downlight



SKU #	Model #
156764	FXF01187
156765	FXF01188

Beyond LED Technology's NATRA LED Commercial Downlights offer cutting-edge performance, flexibility, and efficiency, making them an ideal solution for corporate offices, healthcare facilities, educational institutions, and more. These downlights feature adjustable wattage and 5 CCT options, delivering up to 100 lumens per watt, making them perfect for ceilings up to 16 feet high. Designed for seamless integration, the NATRA downlights provide customizable lighting for a wide range of commercial applications. They are also compatible with an optional emergency backup, ensuring added reliability in critical situations. The durable aluminum silver housing provides a sleek look, while offering long-lasting performance for any environment.

### 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

## Commercial Downlight



SKU	ADJ. WATT	MAX LUMENS	ADJ. CCT	INPUT VOLTAGE	CRI	SIZE	LIGHT SPREAD	CONSTRUCTION	DIMMING	CERTIFICATIONS
156764	13W/19W/27W	3000	2700K/3000K/3500K/4000K/5000K	120-347V	>80	6"	90°	Aluminum	0-10V	ETL & ES
156765	18W/27W/36W	4000	2700K/3000K/3500K/4000K/5000K	120-347V	>80	8"	90°	Aluminum	0-10V	ETL & ES

### SKU: 156764

### Specifications

Parameter	Description	Value
General Performance	Model #	FXF01187
	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	90°
	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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## Commercial Downlight

SKU: 156765

### Specifications

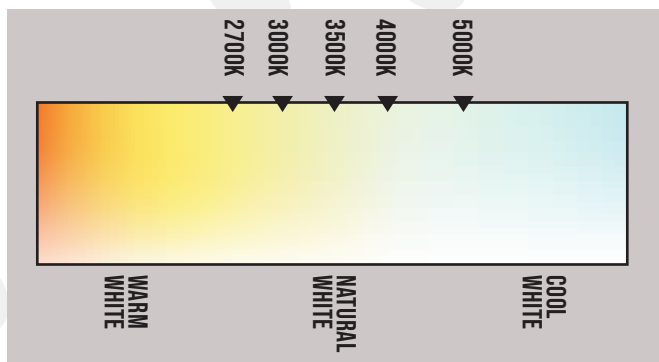
Parameter	Description	Value
General Performance	Model #	FXF01188
	Adjustable Watt	18W/27W/36W
	Max Lumens	4000
	Lumen Efficacy	Up to 100LM/W
	Color Temperature	2700K/3000K/3500K/4000K/5000K
	CRI (Ra)	>80
	Light Spread	90°
	Diffuser Type	N/A
Electrical	Input Voltage	120-347Vac
	Frequency	60Hz
	Dimming	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	80 Pcs
	Construction	Aluminum
Qualification	Housing Color	Silver
	IP Rating	Damp
	Warranty	5 Years Warranty



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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



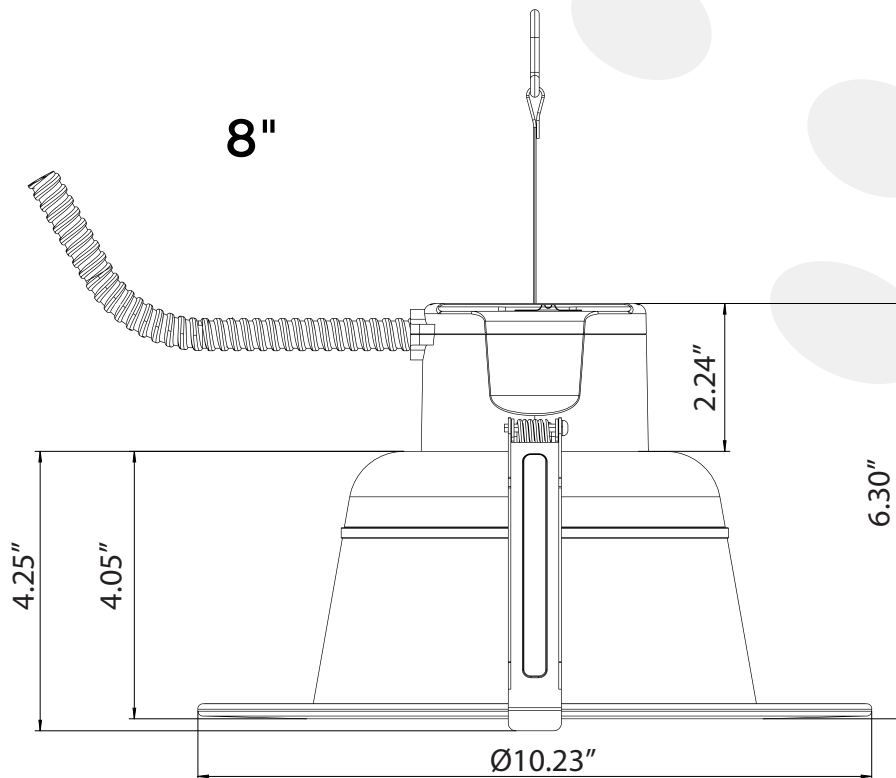
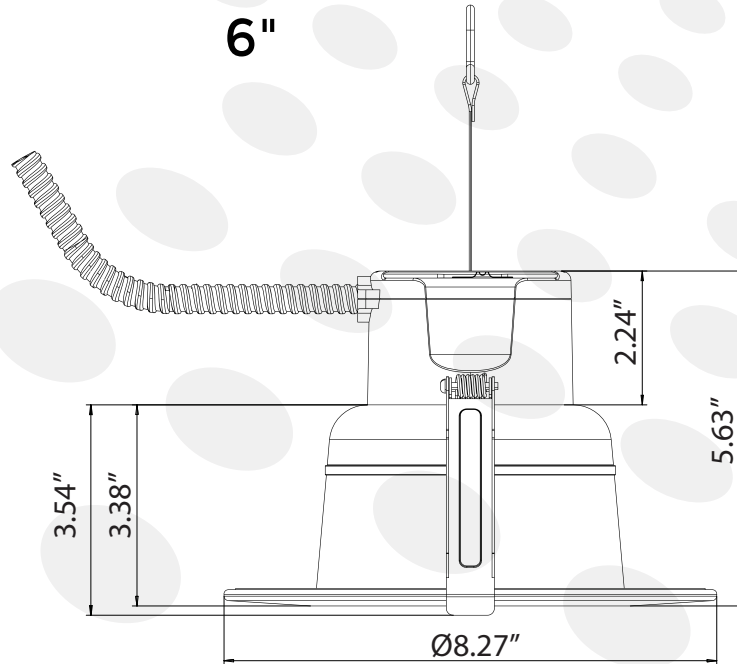
Model	Wattage	Input Voltage	Output Voltage	Emergency Time	Battery	Application
BLD-HM15D-YYY	15W	100-347Vac	170Vdc	90min	Li-ion	for 0-10V dim LED lights 100W, non-dim/triac dim LED lights 6~15W
BLD-HM20D-YYY	20W	100-347Vac	170Vdc	90min	Li-ion	for 0-10V dim LED lights 100W, non-dim/triac dim LED lights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



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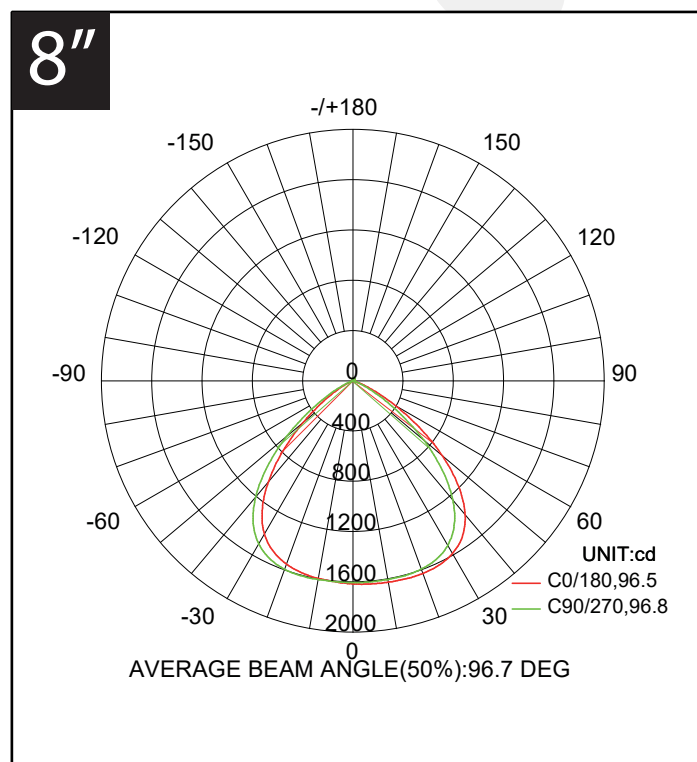
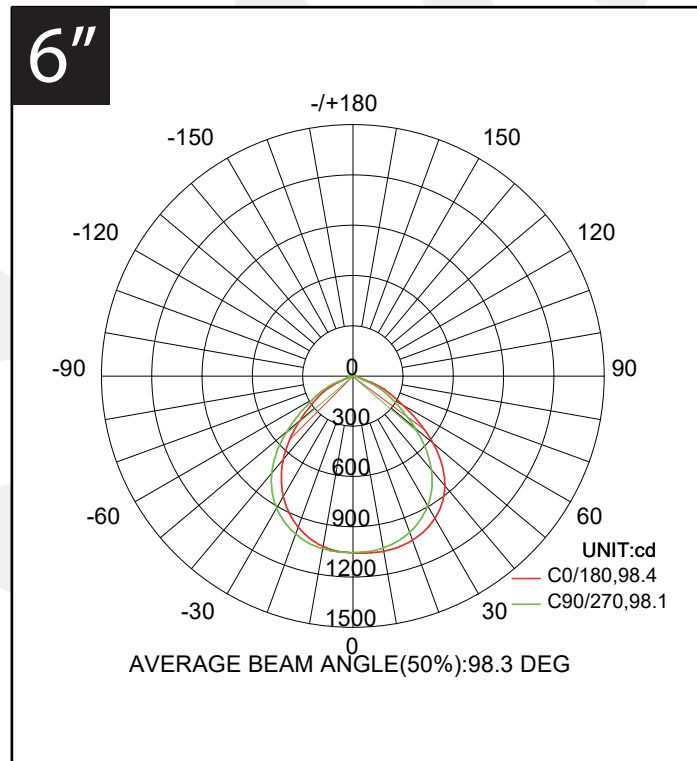
## Commercial Downlight

### Dimensions





### Photometric Data





## Commercial Downlight

### 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

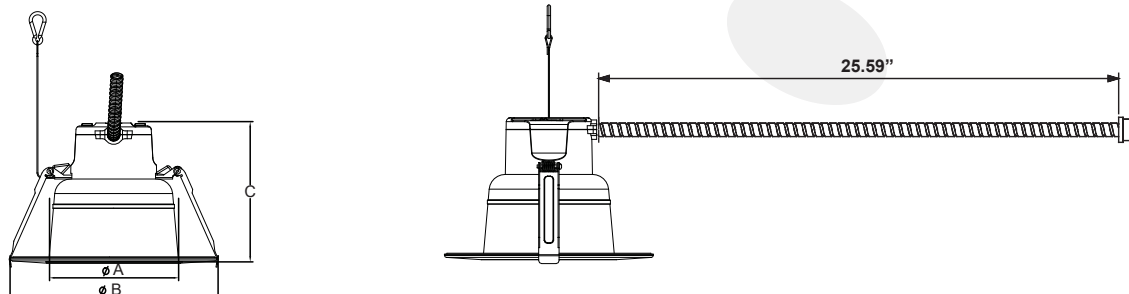
• This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate 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"

# NATRA™

## Commercial Downlight

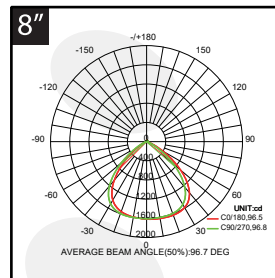
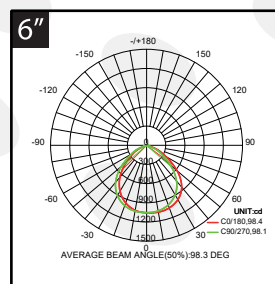
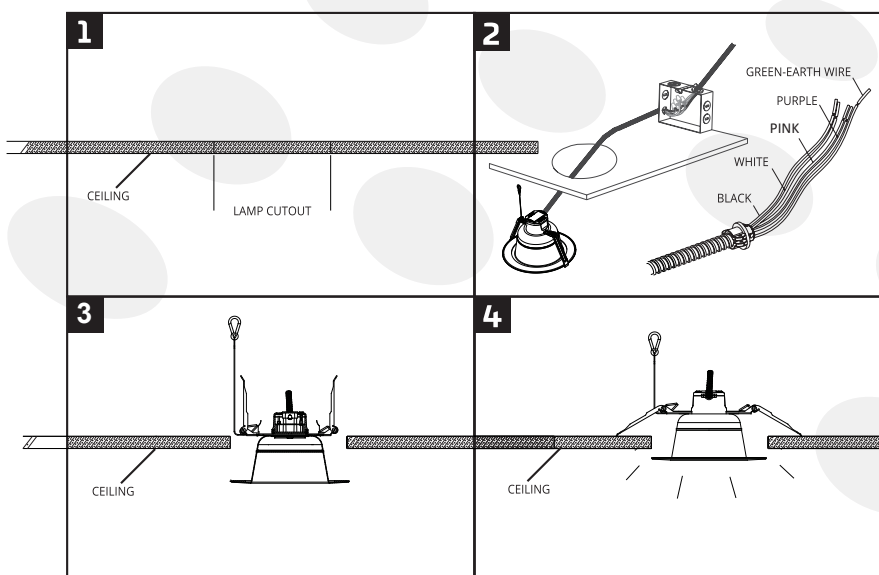


### Installation

#### 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.

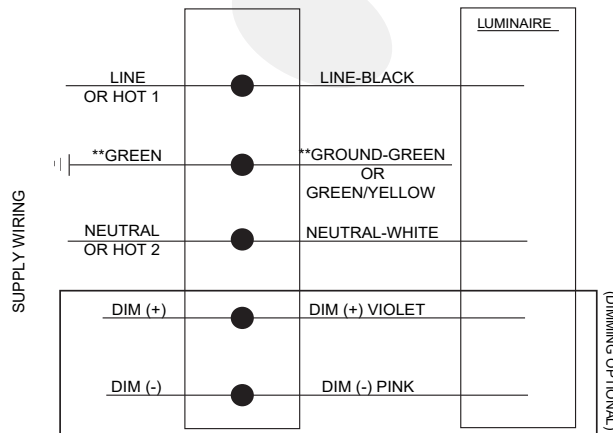
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



### ELECTRICAL CONNECTIONS- STANDARD LUMINAIRE

Make the following Electrical Connections:

- For 120-347V connect the black fixture lead to the voltage supply or Hot 1 .
- For 120-347V connect the white fixture lead to the neutral supply or Hot 2 .
- Connect the green or green/yellow supply ground lead to the junction box
- 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 off the violet lead. For dimming connections, use Class 1 wiring methods.
- If 0/1-10y Dimming is used, connect the pink lead to the supply negative dimming lead. If dimming is not being used ensure to cap off the pink lead. For dimming connections, use Class 1 wiring methods.



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

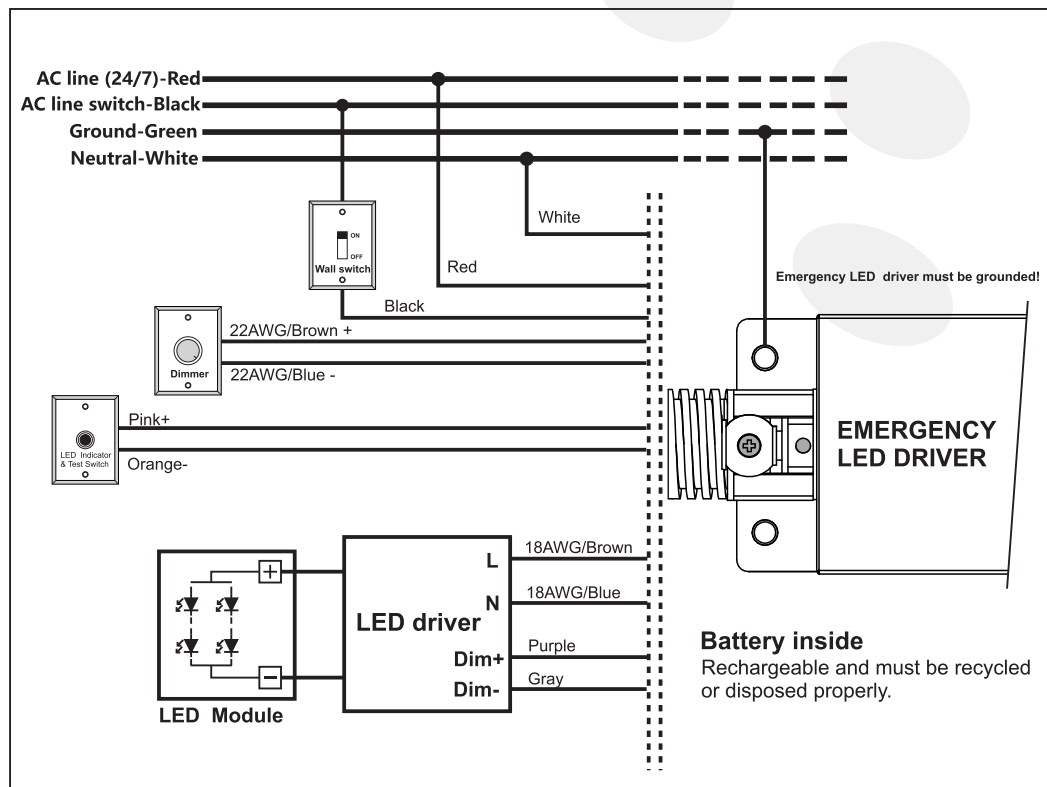
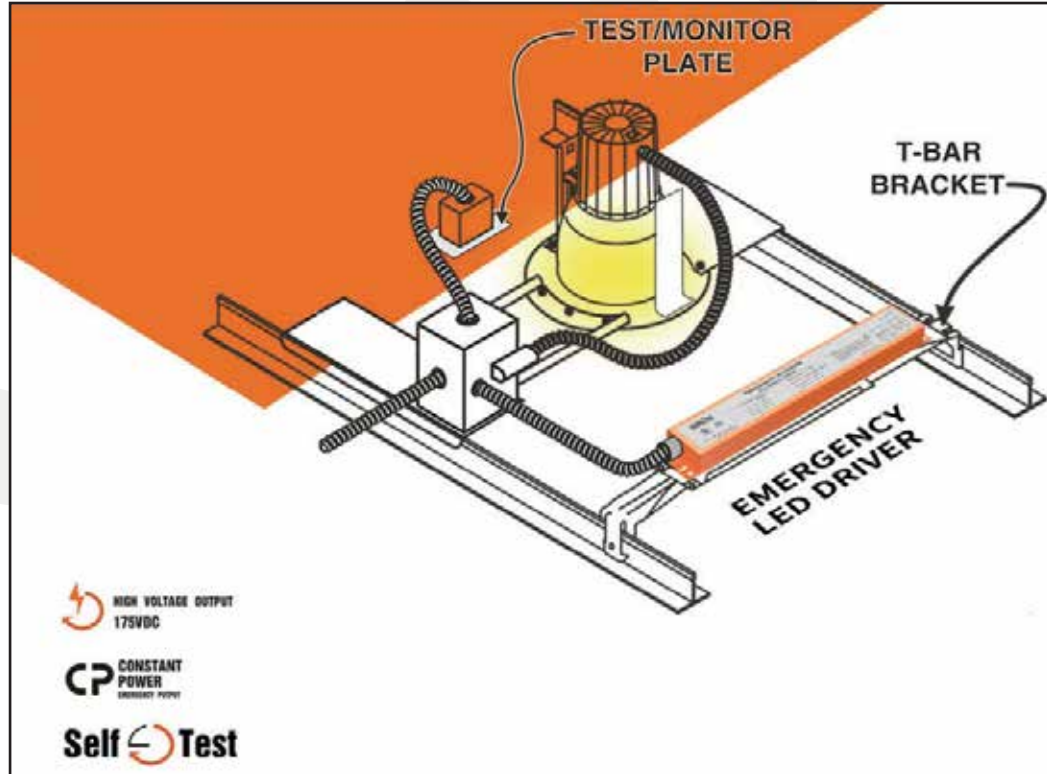




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### Wiring Diagram





### Packaging

SKU	Box Type	Size	Box Dimension	Qty	Net Weight	Gross Weight
156764	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
156765	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

### Application Image





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### Applicaton Image



### Warranty

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