



WHITE SKY™

Commercial Downlight



SKU #	Model #
156668	FXF01001-A-A001
156644	FXF01002-A-A001
156669	FXF01003-A-A001

Beyond LED Technology's WHITE SKY 2nd Gen Commercial- Grade Retrofit Downlights are innovative, feature-rich, and engineered for high-performance lighting. Designed for both retrofit and new construction applications, this model offers adjustable wattage and CCT, delivering up to 4000 lumens, making it perfect for ceilings up to 16 feet high. The WHITE SKY 2nd Gen is built for commercial spaces requiring powerful, customizable illumination, providing superior efficiency and a sleek white housing that complements any décor. Whether upgrading existing fixtures or implementing in new builds, these downlights ensure reliable, high-quality performance. With integral heat sinks for optimal thermal management and 0-10V dimming, the WHITE SKY 2nd Gen provides both energy efficiency and flexibility to create the ideal lighting atmosphere.

Product Features

- Up to 110 lm/W
- Available in 4", 6", & 8"
- Adjustable wattage
- Adjustable CCT
- Integral heat sink
- 0-10V Dimmable
- 120° Beam Angle
- Input Voltage 120-347VAC
- White housing
- ETL & ES listed
- 5-year warranty

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SKU	ADJ. WATT	MAX LUMENS	ADJ. CCT	INPUT VOLTAGE	CRI	SIZE	LIGHT SPREAD	CONSTRUCTION	DIMMING	CERTIFICATIONS
156668	9W/13W/18W	2110	2700K/3K/3500K/4K/5K	120-347V	>80	4"	120°	Aluminum+PC	0-10V	ETL & ES
156644	13W/19W/27W	3000	2700K/3K/3500K/4K/5K	120-347V	>80	6"	120°	Aluminum+PC	0-10V	ETL & ES
156669	18W/27W/36W	4000	2700K/3K/3500K/4K/5K	120-347V	>80	8"	120°	Aluminum+PC	0-10V	ETL & ES

SKU: 156668 / 4"

Specifications

Parameter	Description	Value
General Performance	Model #	FXF01001-A-A001
	Adjustable Watt	9W / 13W / 18W
	Max Lumens	2110
	Lumen Efficacy	Up to 110LM/W
	Color Temperature	2700K / 3000K / 3500K / 4000K / 5000K
	CRI (Ra)	>80
	Light Spread	120°
	Diffuser Type	PC Lens
Electrical	Input Voltage	120-347Vac
	Frequency	50/60Hz
	Dimming	0-10V Dimming
	Power Factor	≥0.9
	Driver Surge Protection	N/A
	Flicker Percent	<30%
Physical	Operating Temperature	-20°C to 45°C
	Operating Humidity	N/A
	Storage Temperature	-25°C to 40°C
	Storage Humidity	N/A
	LED Brand	Seoul / Everlight
	LED Type	LED Built-in
	LED QTY	48 Pcs
	Construction	AL
Qualification	Housing Color	White
	IP Rating	Damp Location
	Warranty	5 Years Warranty

COMMERCIAL DOWNLIGHT



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SKU: 156644 / 6"

Specifications

Parameter	Description	Value
General Performance	Model #	FXF01002-A-A001
	Adjustable Watt	13W / 19W / 27W
	Max Lumens	3000
	Lumen Efficacy	Up to 110LM/W
	Color Temperature	2700K / 3000K / 3500K / 4000K / 5000K
	CRI (Ra)	>80
	Light Spread	110°
	Diffuser Type	PC Lens
Electrical	Input Voltage	120-347Vac
	Frequency	50/60Hz
	Dimming	0-10V Dimming
	Power Factor	≥0.9
	Driver Surge Protection	N/A
	Flicker Percent	<30%
Physical	Operating Temperature	-20°C to 40°C
	Operating Humidity	N/A
	Storage Temperature	-25°C to 40°C
	Storage Humidity	N/A
	LED Brand	Seoul / Everlight
	LED Type	LED Built-in
	LED QTY	64 Pcs
Qualification	Construction	AL
	Housing Color	White
	IP Rating	Damp Location
	Warranty	5 Years Warranty

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Commercial Downlight



SKU: 156669 / 8"

Specifications

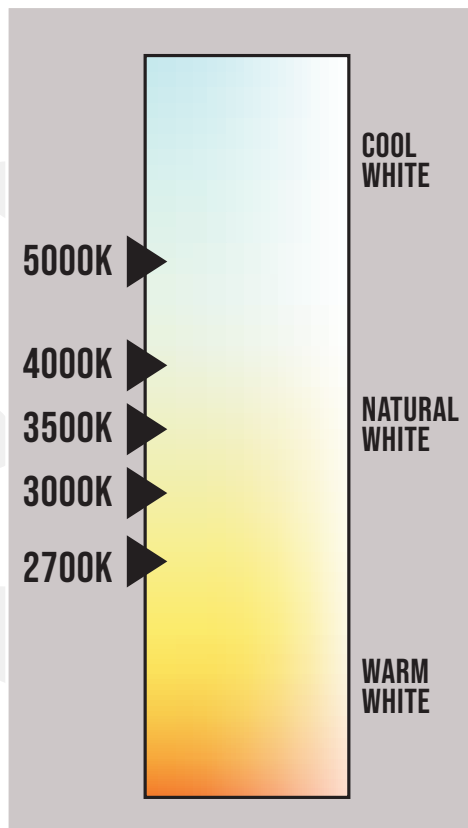
Parameter	Description	Value
General Performance	Model #	FXF01003-A-A001
	Adjustable Watt	18W / 27W / 36W
	Max Lumens	4000
	Lumen Efficacy	Up to 110LM/W
	Color Temperature	2700K / 3K / 3500K / 4K / 5K
	CRI (Ra)	>80
	Light Spread	110°
	Diffuser Type	PC Lens
Electrical	Input Voltage	120-347Vac
	Frequency	50/60Hz
	Dimming	0-10V Dimming
	Power Factor	≥0.9
	Driver Surge Protection	N/A
	Flicker Percent	<30%
Physical	Operating Temperature	-20°C to 45°C
	Operating Humidity	N/A
	Storage Temperature	-25°C to 40°C
	Storage Humidity	N/A
	LED Brand	Seoul / Everlight
	LED Type	LED Built-in
	LED QTY	80 Pcs
	Construction	AL
Qualification	Housing Color	White
	IP Rating	Damp Location
	Warranty	5 Years Warranty



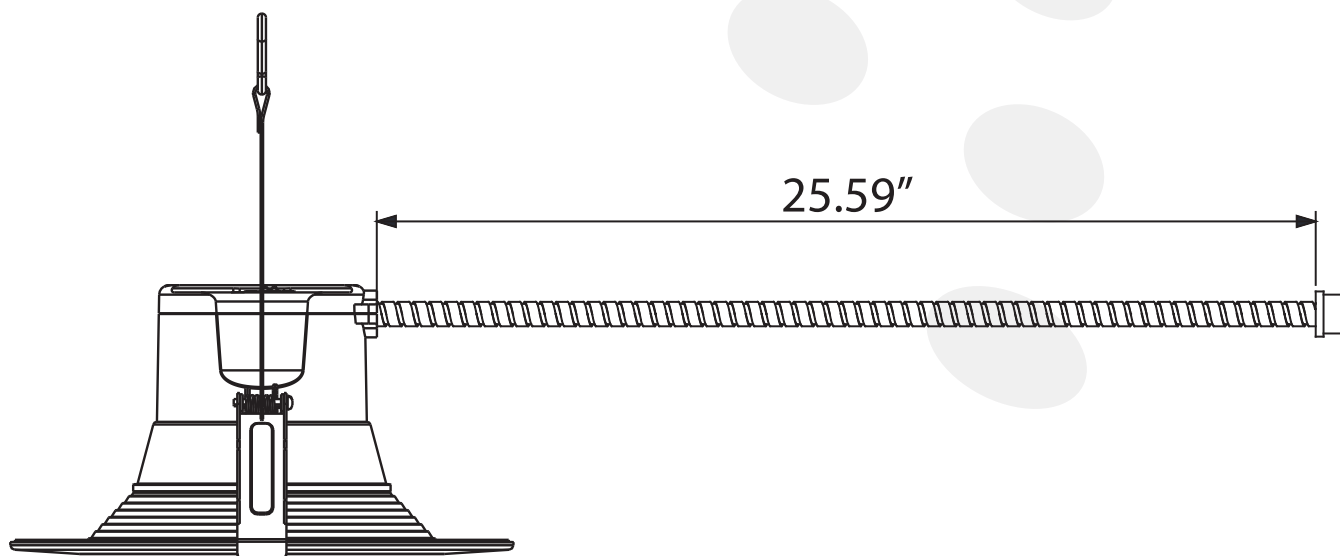
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Correlated Color Temperature (CCT)



Dimensions

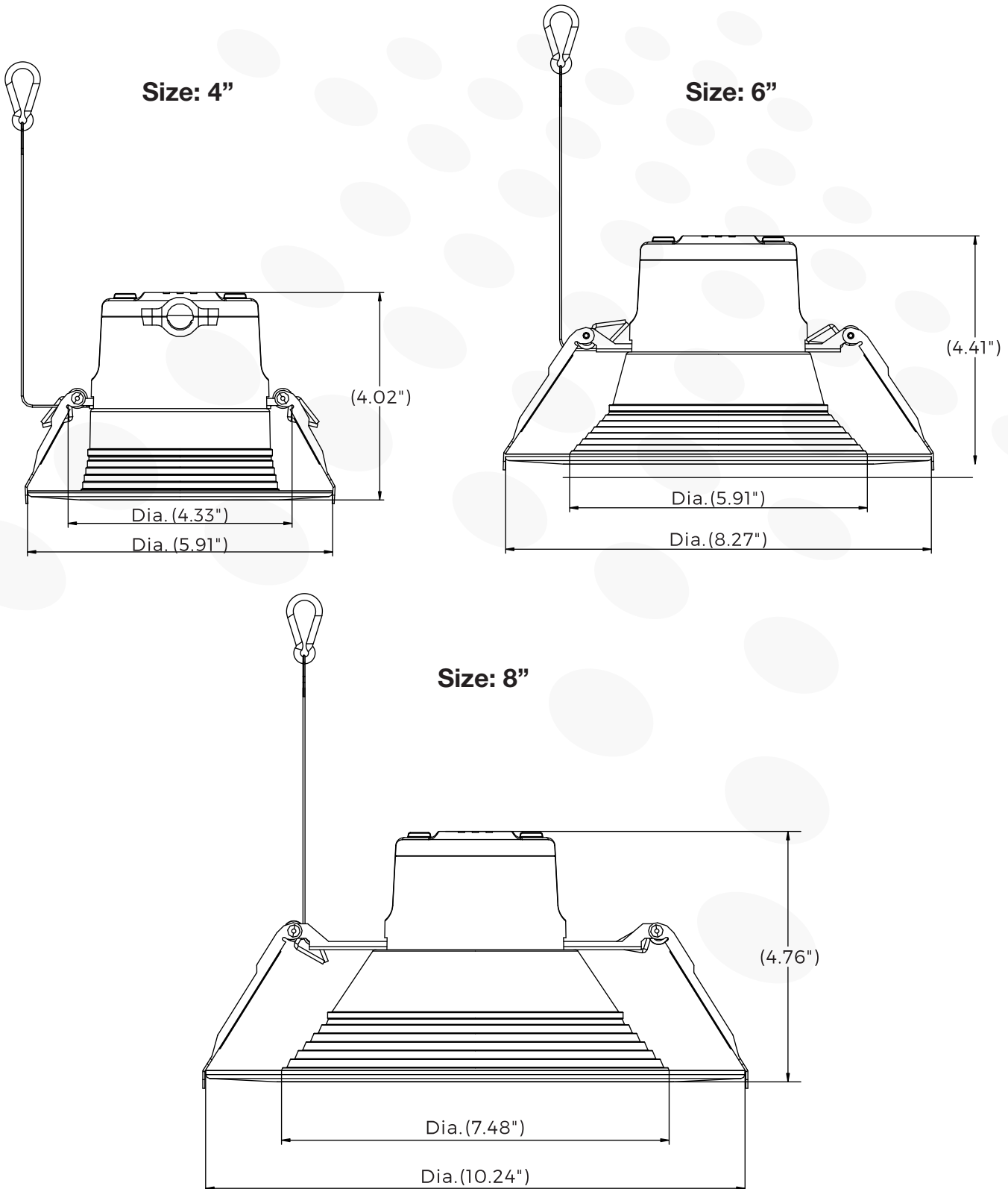


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Dimensions



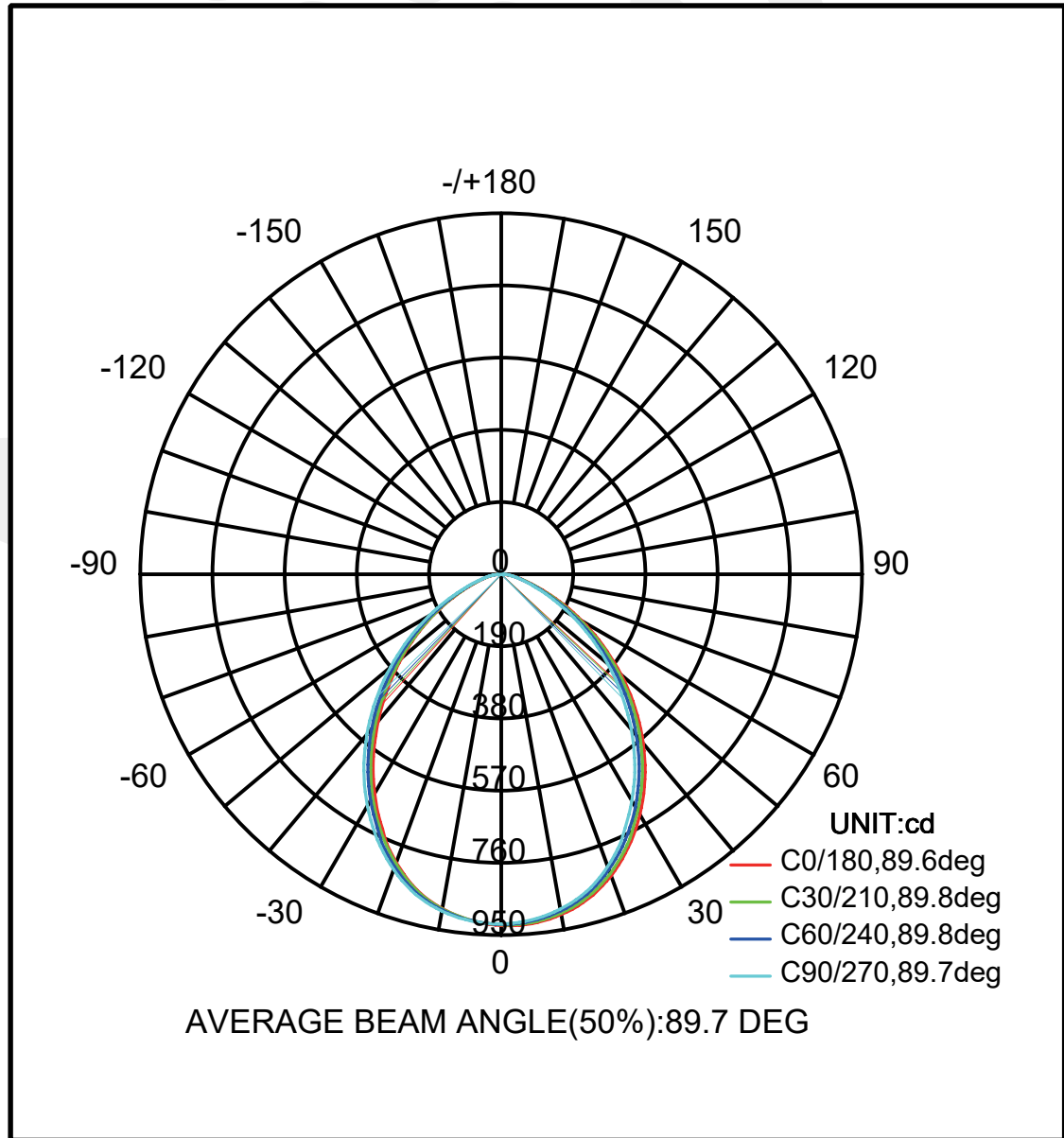


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SKU: 156668 - 4"

Photometric Data



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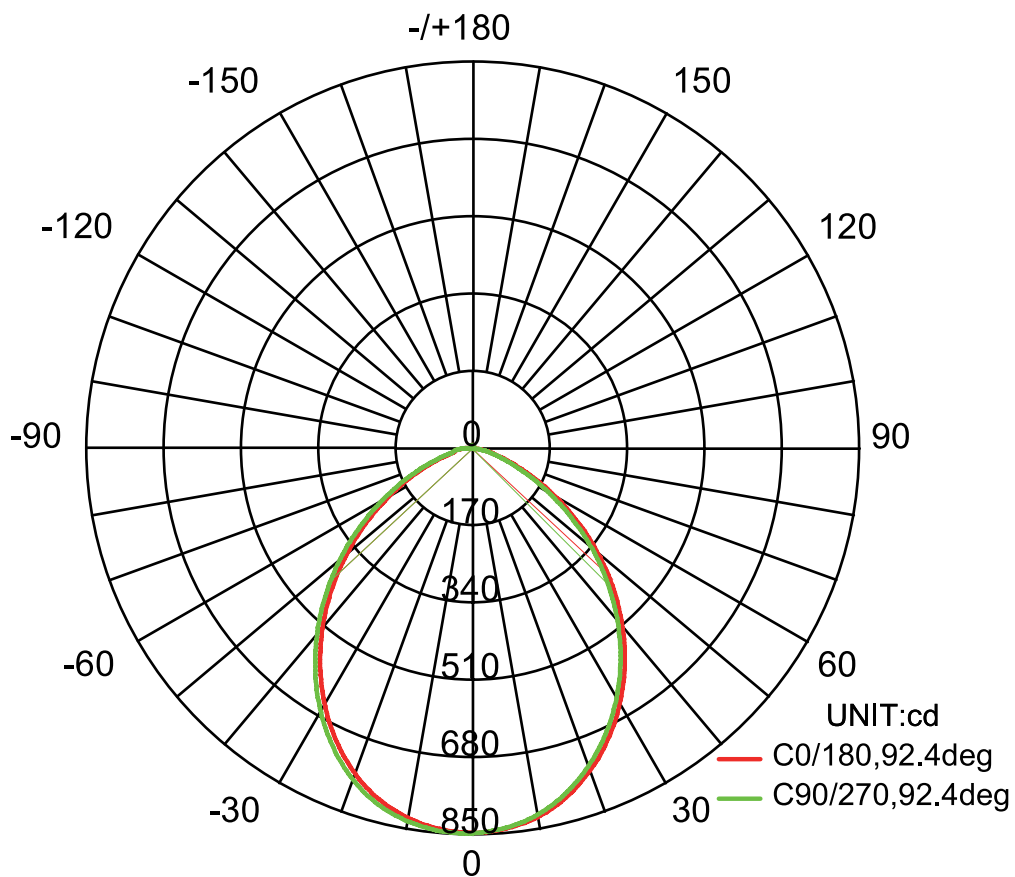
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SKU: 156644 - 6"

Photometric Data

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):92.4 DEG

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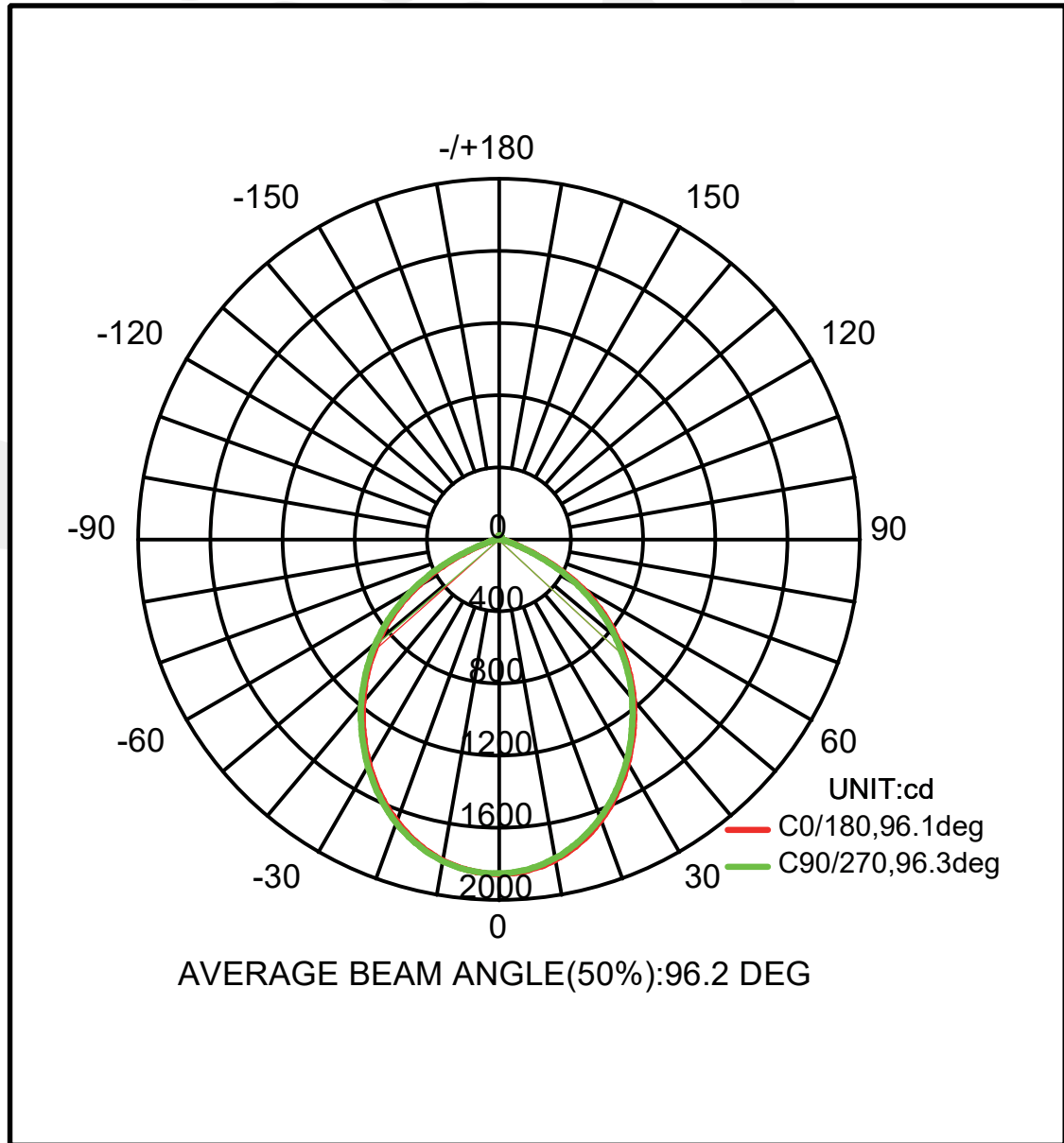


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Commercial Downlight

SKU: 156669 - 8"

Photometric Data

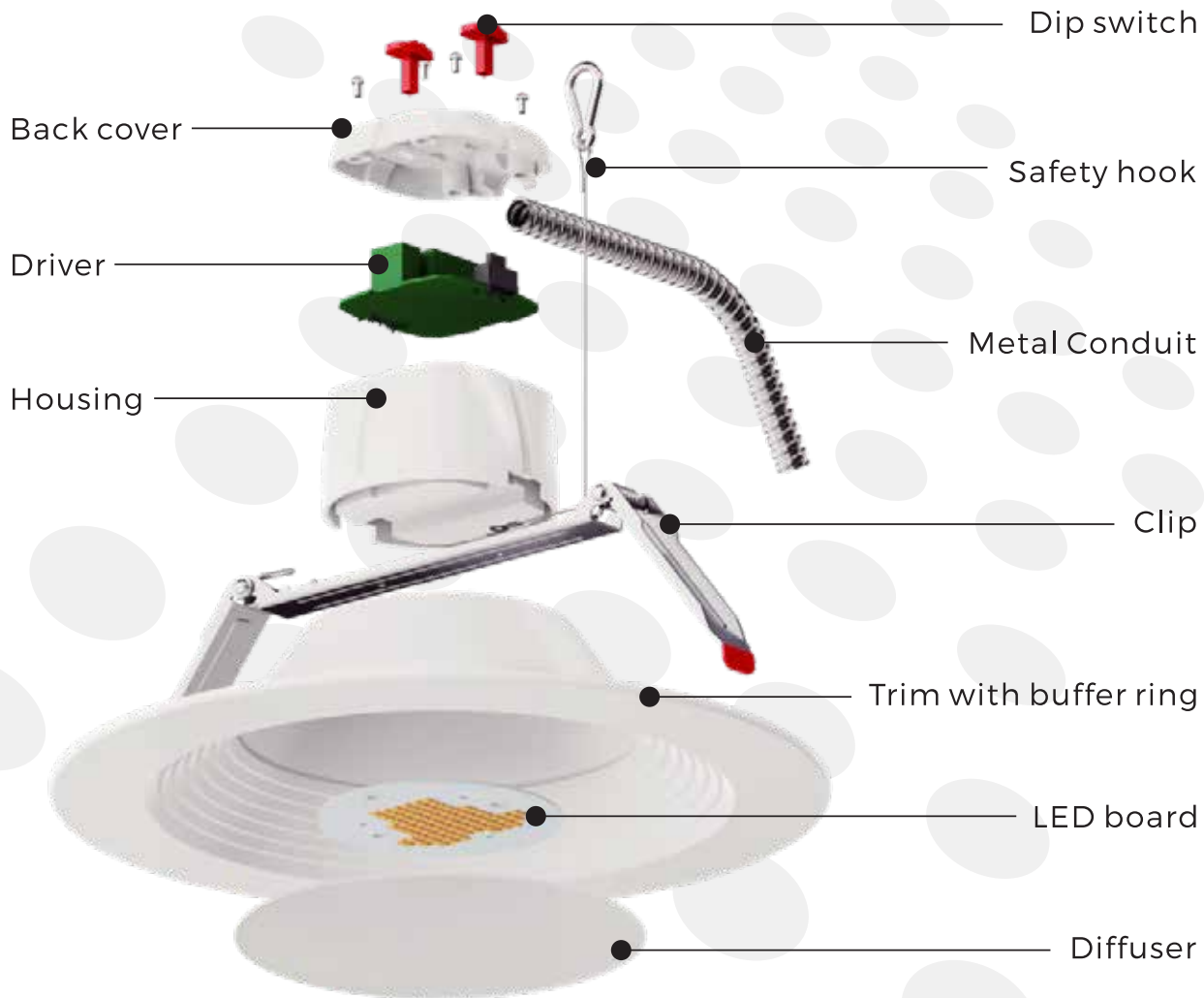


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Product Structure



Multiple Power Selectable

Easily accessible switch allows selection between 3 wattages depending on output requirements.



Multiple CCT Selectable

Easily accessible switch allows selection of 5 CCT to suit a variety of environments.



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Installation

SAFETY PRECAUTIONS:

- 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

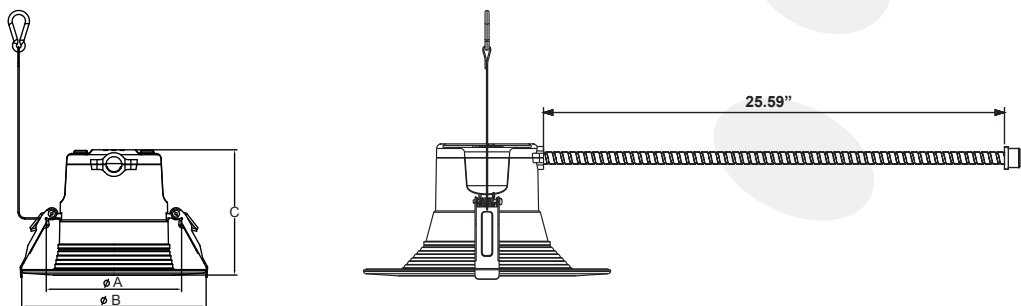
- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate 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	Wattage Adjustable	A	B	C	Min. Cutout	Max. Cutout
4" CCT	2700/3000/3500 /4000/5000(K)	1000/1500/2000(LM)	9W/13W/18W	4.33"	5.91"	4.02"	4.33"	5.51"
6" CCT		1500/2000/3000(LM)	13W/19W/27W	5.91"	8.27"	4.41"	5.91"	7.48"
8" CCT		2000/3000/4000(LM)	18W/27W/36W	7.48"	10.24"	4.76"	7.48"	9.45"

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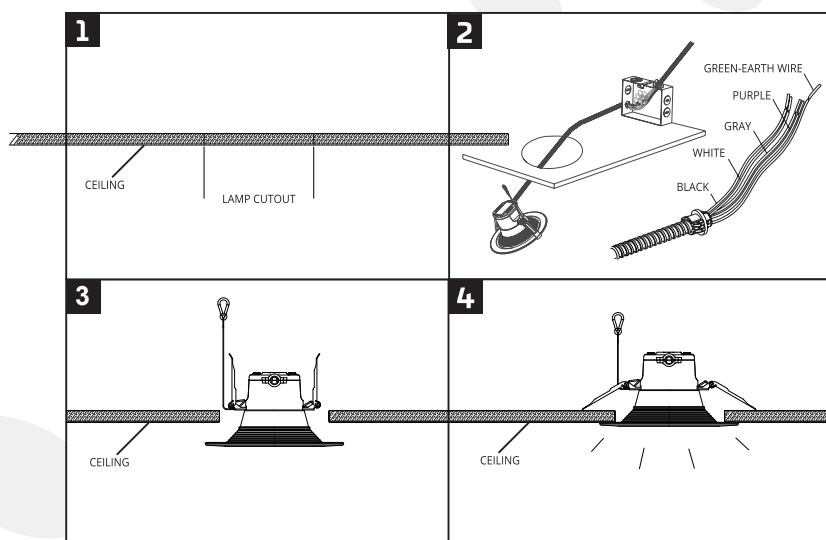
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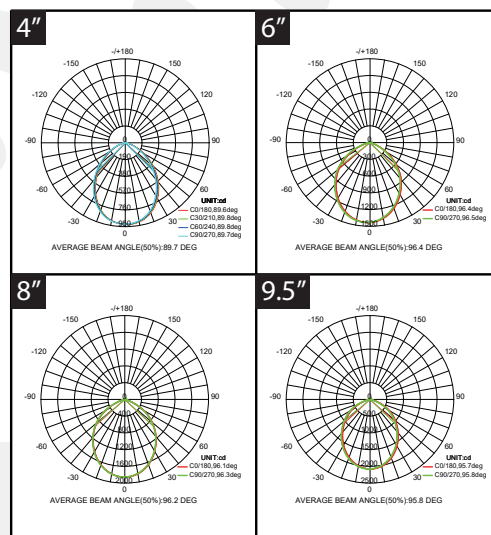
Installation

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.



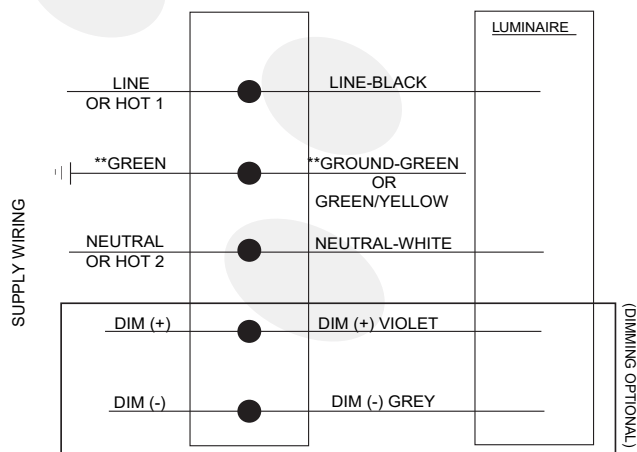
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



ELECTRICAL CONNECTIONS- STANDARD LUMINAIRE

Make the following Electrical Connections:

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



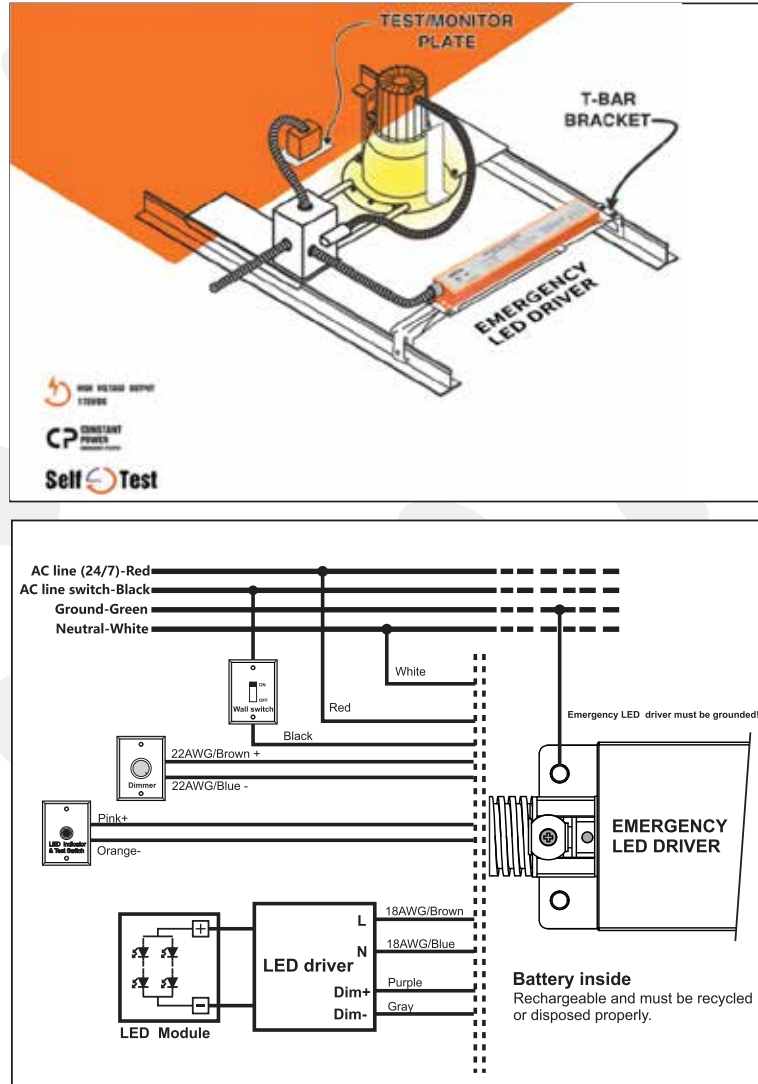
** Connect the green or green/yellow supply ground lead to the junction box



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Wiring Diagram



Packaging

SKU	Box Type	Size	Box Dimension	Qty	Net Weight	Gross Weight
156668	Inner Box	4"	7.28" X 7.25" X 4.60"	1 Pc/Box		
	Outer Box	4"	15.47" x1 4.76" x 8.11"	6 Pcs/Box		
156644	Inner Box	6"	8.46" x 8.46" x 5.03"	1 Pc/Box	1.16LBS	1.52LBS
	Outer Box	6"	26.38" x 9.29" x 11.02"	6 Pcs/Box	7.01LBS	10.07LBS
156669	Inner Box	8"	10.43" x 10.43" x 5.43"	1 Pc/Box		
	Outer Box	8"	21.77" x 17.24" x 11.26"	6 Pcs/Box		

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Application Image



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Warranty

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