



ELKO™ 2nd Gen



Beyond LED Technology is the leader in cutting-edge refrigerated display lighting technology! Our Elko 2nd Gen cooler light produces wider beam for more evenly dispersed lighting. Also our LED Cooler lights have a built-in driver that allows it to be installed in minutes. Our Elko 2nd Gen Cooler light and Freezer Lamps deliver crisp, bright light that creates attractive food and product displays in freezers and walk-in refrigerator cases. They consume less energy and run longer and cooler than fluorescent freezer bulbs, lowering operating costs and reducing the risk of food spoilage.

Product Features

- Up to 130 lumens per watt
- IP65 Rated
- CRI >80
- Easy Daisy Chain Installation
- Remarkable improvement of the appearance of food or commodity being displayed
- Noticeable cost savings by up to 75% due to the energy-efficient design
- Instant activation in cold environment
- Flexible lengths for both vertical and horizontal installation such as 5ft
- Built-in driver
- Mercury and lead free
- Input Voltage 100-277V
- UL & DLC Listed
- 5 Year warranty

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SKU #	Model #	Watt	Lumens	CCT	Length	Input Voltage	IP	Certifications
156729	ZY-22W1500 BINS (5700K)	22W	2860Lm	5700K	5ft	100-277V	IP65	UL & DLC
156839	ZY-230W1800 BINS	30W	3900Lm	5700K	6ft	100-277V	IP65	UL & DLC

SKU: 156729

Specifications

Parameter	Description	Value
General Performance	Model #	ZY-22W1500 BINS(5700K)
	Watt	22W
	Color Temperature Adj.	5700K
	Lumens	2860Lm
	Lumen Efficacy	Up to 130LM/W
	CRI (Ra)	≥80
Electrical	Beam Angle	145.4° Degree
	Input Voltage	100-277V
	Frequency	60Hz
	PF	≥0.9
	THD	<22%
	Driver Brand	Beyond
Physical	Operating Temperature	-25°C - 20°C
	Storage Temperature	-25°C - 50°C
	Operating Humidity	65% RH
	Lens	Clear
	LED Brand	Venas
	LED Type	SMD2835
Qualification	Housing	Aluminum
	Housing Color	White
	IP	IP65
	Warranty	5 Year



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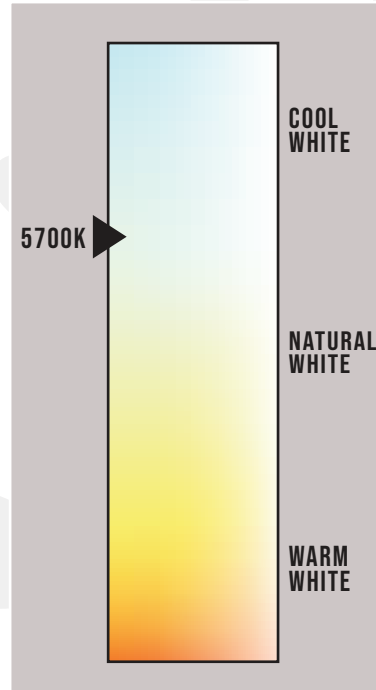
SKU: 156839

Specifications

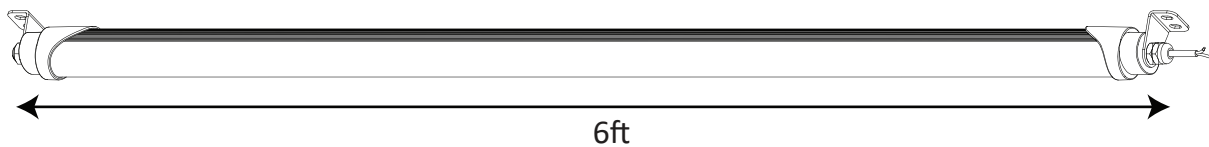
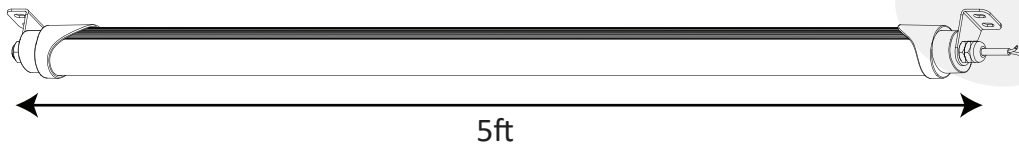
Parameter	Description	Value
General Performance	Model #	ZY-230W1800 BINS
	Watt	30W
	Color Temperature Adj.	5700K
	Lumens	3900Lm
	Lumen Efficacy	Up to 140LM/W
	CRI (Ra)	≥80
Electrical	Beam Angle	130° Degree
	Input Voltage	100-277V
	Lens	PC Cover
	Frequency	50-60Hz
	PF	≥0.9
	THD	<22%
Physical	Driver Brand	Beyond
	Operating Temperature	-25°C - 20°C
	Storage Temperature	-25°C - 50°C
	Operating Humidity	65% RH
	Lens	Clear
	LED Brand	Venas
	LED Type	SMD2835
	Housing	Anodized Aluminum
Qualification	Housing Color	White
	IP	IP65
	Warranty	5 Year



Correlated Color Temperature (CCT)



Dimension

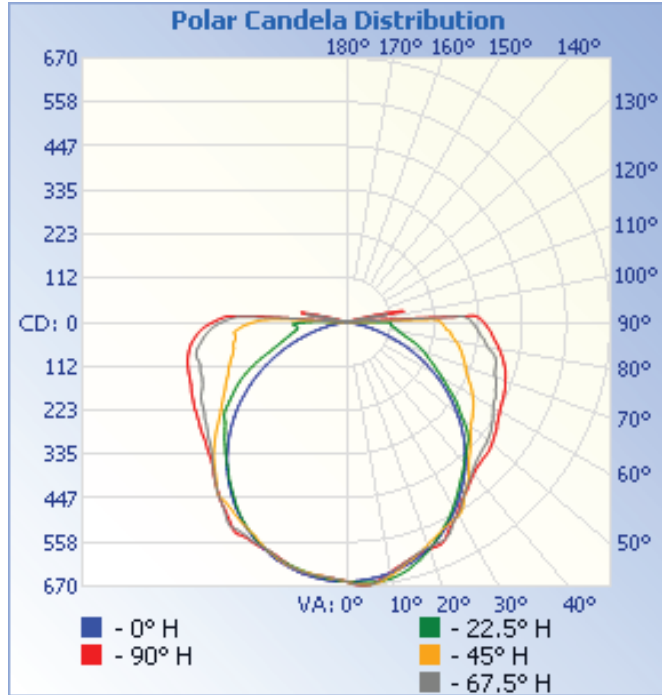




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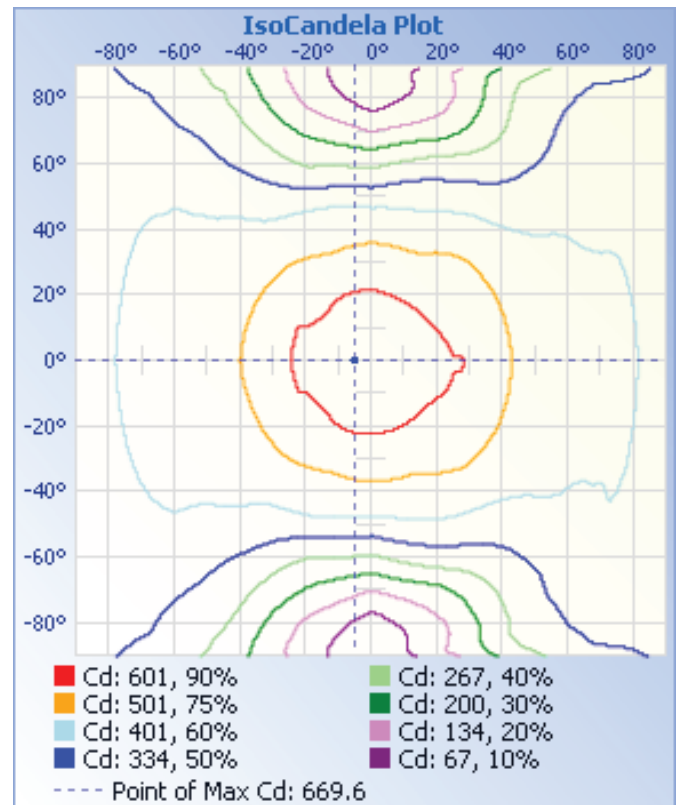
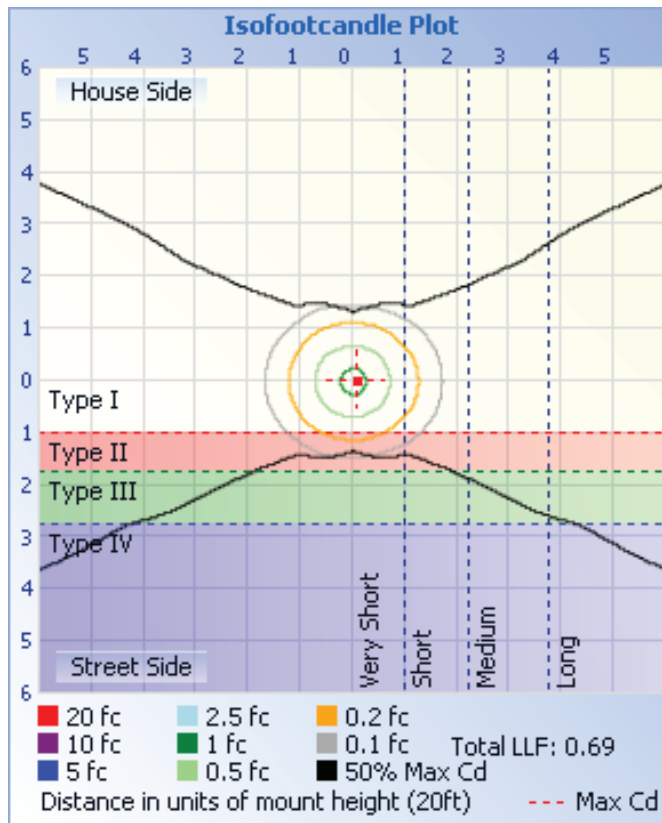
Photometric Data



Illuminance at a Distance

	Center Beam fc	Beam Width
17.0ft	2.28 fc	46.2 ft
34.0ft	0.57 fc	92.3 ft
51.0ft	0.25 fc	138.5 ft
68.0ft	0.14 fc	184.6 ft
85.0ft	0.09 fc	230.8 ft
102.0ft	0.06 fc	276.9 ft

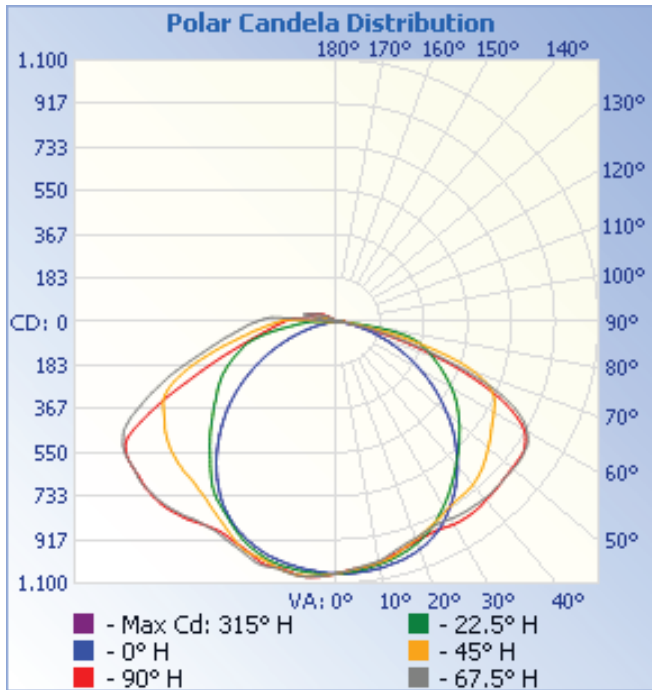
■ Beam Spread: 107.2°





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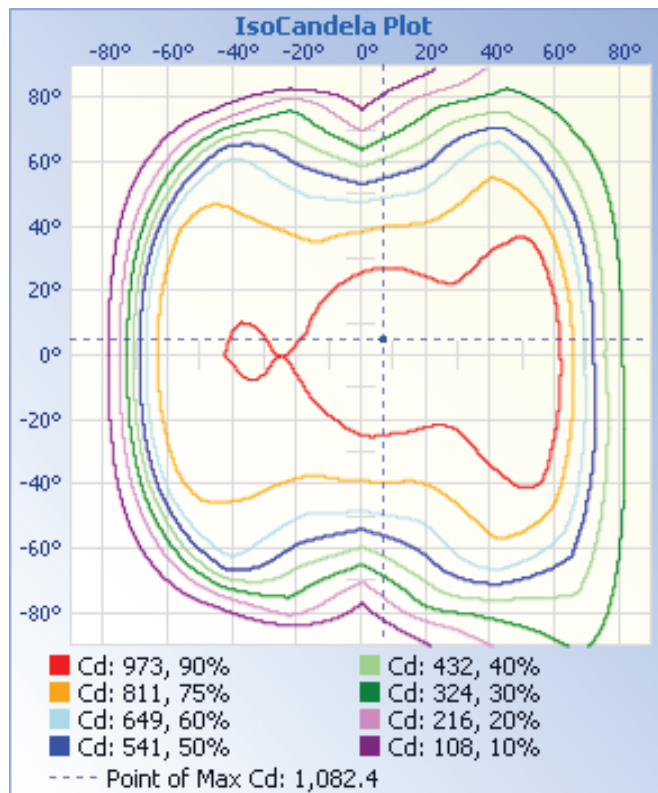
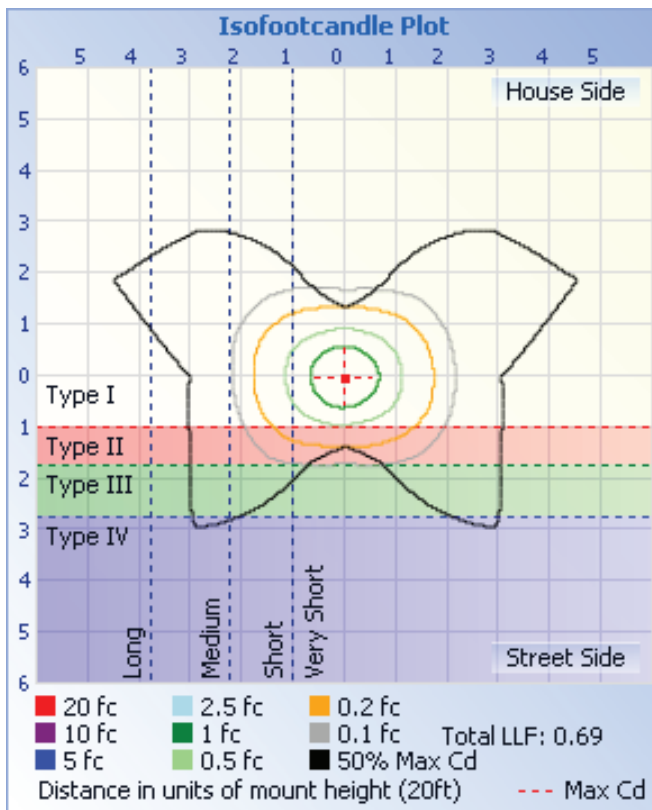
Photometric Data



Illuminance at a Distance

	Center Beam fc	Beam Width	
17.0ft	3.66 fc	49.9 ft	95.6 ft
34.0ft	0.92 fc	99.9 ft	191.3 ft
51.0ft	0.41 fc	149.8 ft	286.9 ft
68.0ft	0.23 fc	199.8 ft	382.6 ft
85.0ft	0.15 fc	249.7 ft	478.2 ft
102.0ft	0.10 fc	299.7 ft	573.9 ft

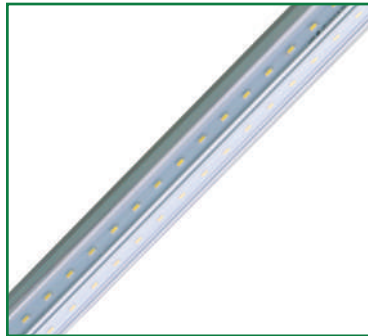
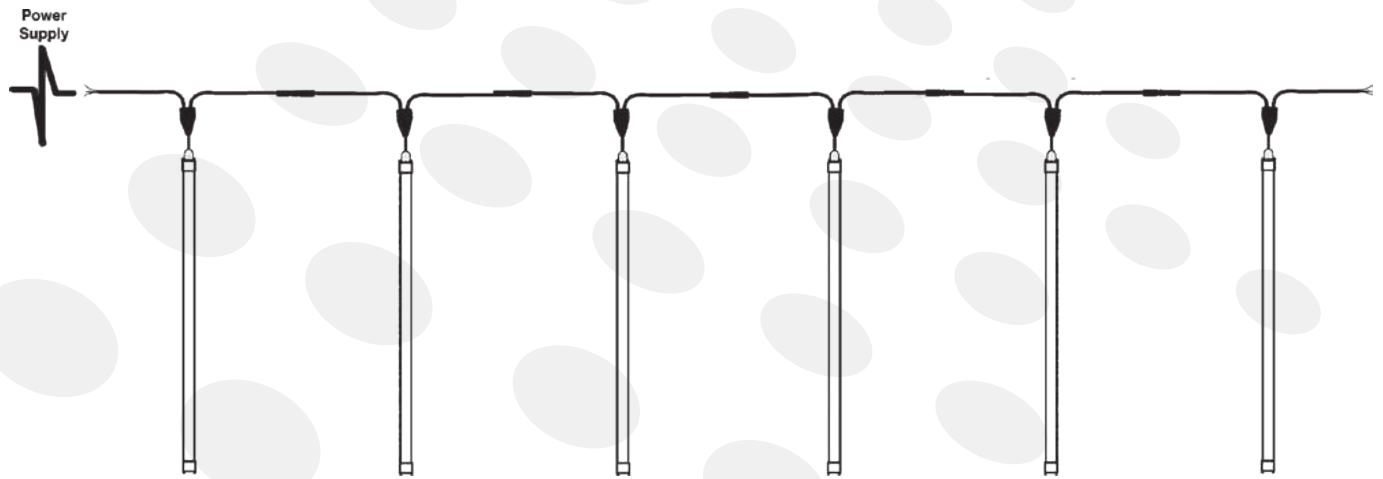
■ Vert. Spread: 111.5°
■ Horiz. Spread: 140.9°





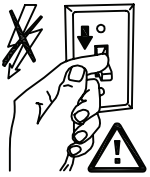
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Easy Daisy-Chain Installation





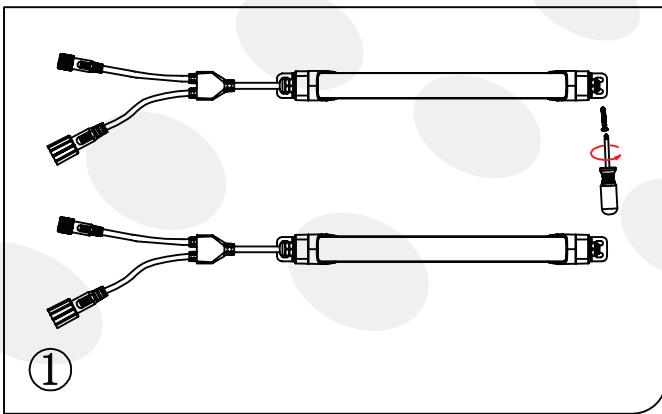
Installation and Electrical Connection



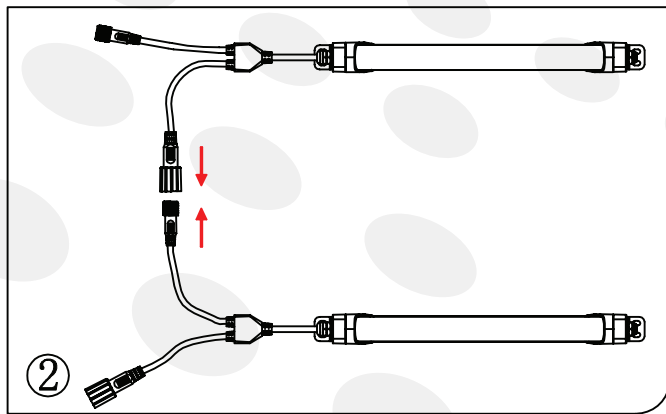
WARNING

RISK OF FIRE, ELECTRIC SHOCK OR PERSONAL INJURY

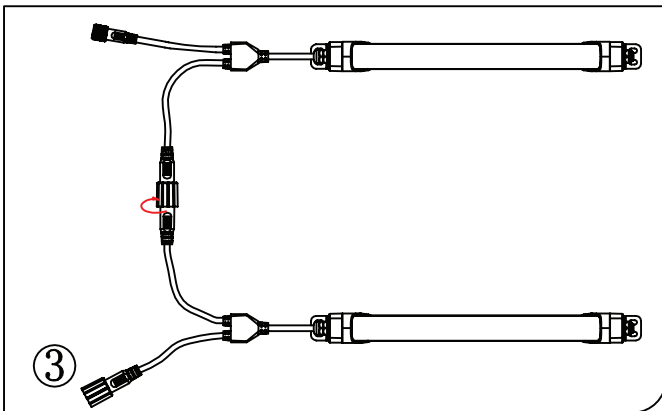
Before installation, turn power off.



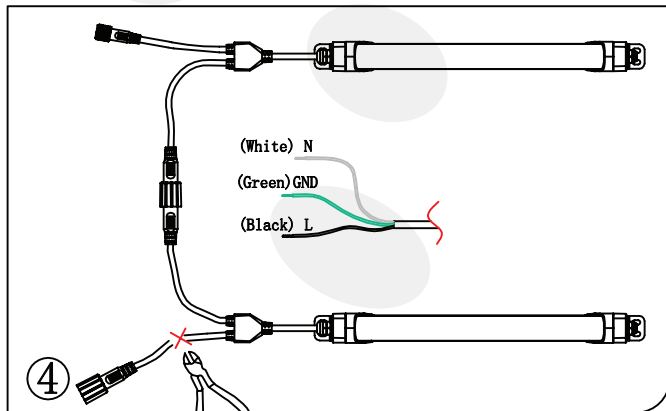
1. Position and fix the lamps.



2. Connect the male and female waterproof interfaces.

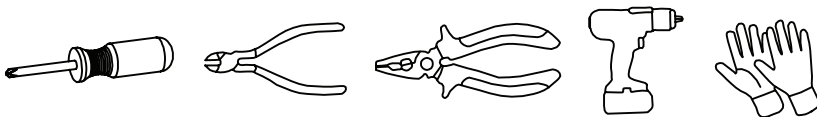


3. Tighten the nut of the connector.



4. Use diagonal pliers to cut any one of the wires at the head and tail close to the water head end, peel the wire core and connect it with the mains power input end.

Tolls Required





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Packaging

SKU #	Size (Inches)	Qty / Box	Net Weight	Gross Weight
156729	61.02 x 8.26 x 9.05	25 Pcs /Box	31LBS	33LBS
156839	72.83 x 8.26 x 9.05	25 Pcs /Box	35LBS	40LBS

Application Image

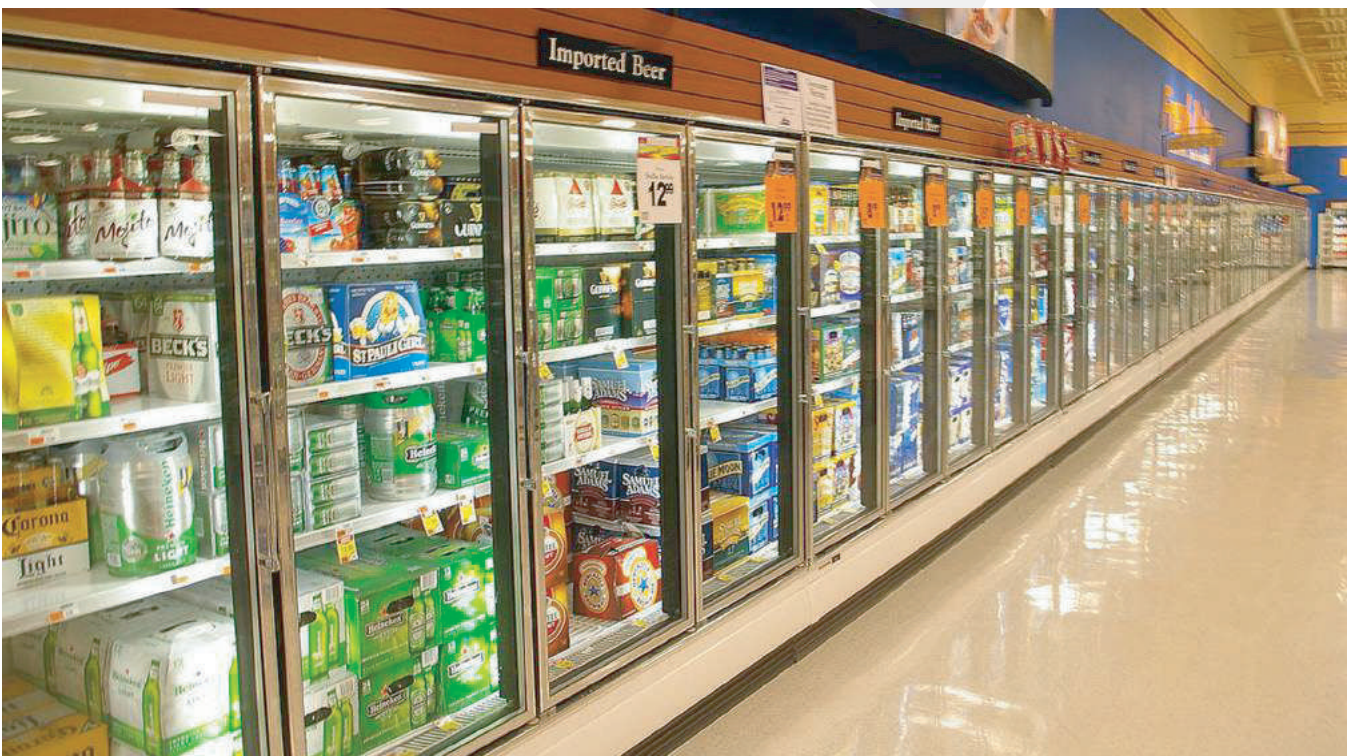


Warranty

5 Years Warranty



Application Image



LED COOLER LIGHT