

RB26HP6

VERTICAL COOLER LIGHTING

Designed for Vertical Reach-in cases and cooler doors

24VDC 416 LM/ft. 5W/ft.



APPLICATION

The RB26HP6 LED linear light bar is designed for VERTICAL reach-in case lighting and walk-in freezers and cooler applications. Our fixtures assures consistency and uniformity throughout the display case. Benefits include zero warm-up time and no reduction in lamp life from being turned on and off in cold environments. Lamp replacement is extended for 5 years or more with continuous, 24 hour, hassle-free operation. Typical use are 5ft LED bars in grocery and 6ft LED bars in convenience store applications.

FEATURES

- UL Listed
- DLC
- Wet location rated
- Uniform light distribution with optics
- Low wattage, low voltage, low heat operation
- LM79 Approved
- Dimmable with Occupancy sensors
- Bin sorted LEDs for consistent even illumination
- Increased energy savings

WARRANTY

Our fixtures are backed by a 5-year limited warranty.

PHYSICAL

Housing	Extruded Anodized Aluminum
Fixture Lengths	59", 68"
Optics	140°
Lens	Polycarbonate Lens cover
Connection	2 Wire/Connector Feed
Mounting	Black mounting channel with integrated glare shield
Hardware	Flat or adjustable Roto Clips
Environment	Wet, Damp or Dry Locations

ELECTRICAL

Output Voltage	24vdc
Input Voltage	Universal 120/277VAC
Control	Works with occupancy sensors
Max Run Length	96w (85% preferred, 90% max)

PERFORMANCE

Color Options	41k
Fixture wattage	5.0 w/ft
System wattage	4.5 w/ft
Lumens per watt	109 lm/w
Lumen Output	416 lm/ft.
CRI	95 CRI
Lifetime	100,000 Hours
Operating Temps	-40°F to 122°F, (-40°C to +50°C)



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PART NUMBER

MODEL	LENGTH	COLOR	OPTICS	VOLTAGE	WIRE LEAD/JOINED
RB26HP6	59" 59 inch 68" 68 inch	41k 4100k <i>*50K available - special order</i>	140 140° beam	24 VDC	W/L Wire lead J Joined

ACCESSORIES

MOUNTING HARDWARE

QTY	PART NUMBER	DESCRIPTION
	RB-STD ADJ CLIP	RB Adjustable Clip
	RB-STD FLAT CLIP	RB Flat Clip
	RB-MAG-ADJ CLIP	RB Magnetic Adjustable Clip
	RB-MAG-FLAT CLIP	RB Magnetic Flat Clip



POWER SUPPLIES

QTY	PART NUMBER	DESCRIPTION
	LV-100-24-N	100W 24V POWER SUPPLY - 120-277V INPUT
	LV-80-24-N	80W 24V POWER SUPPLY - 120-277V INPUT
	VLM60-24	60W 24V POWER SUPPLY FOR MULLION MOUNTING

INSTALLATION

Power Supplies

- Select an 80w (LV-80W) or 100w (LV-100W) power supply based on the case layout and total wattage of the run.
- 60w driver is used where space is limited in mullion.
- Do not exceed maximum run length.

Mounting and installation

- Fixture mounting - Remove the fixture from the black extrusion.
- Attach the black extrusion to the mullion using self-tapping screws.
- Snap the fixture into the extrusion.
- Connect the wires from the fixture to the power supply according to the case/wattage layout.
- Connect the power supply to power by connecting input wires to line voltage according to power supply instructions.
- Flat or adjustable mounting clips are available for mounting if mounting channel is not used.



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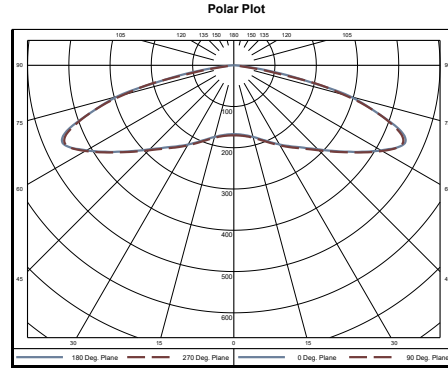
CONTACT

OPTICS

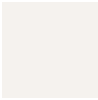


140° x 140°

PHOTOMETRICS



COLOR TEMPERATURES



4100K

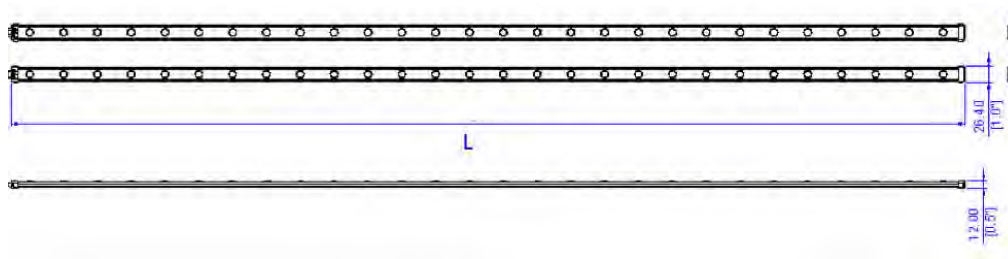
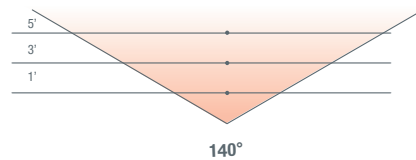
COLOR RENDERING INDEX

95 CRI

DIMENSIONS AND DATA

MODEL NUMBER	VOLTAGE	LENGTH	WATTS / FIXTURE	LUMENS / FIXTURE	LUMENS / WATT	SYSTEMS WATTAGE	SYSTEM W/FT
RB26HP6-5'-41K-24V	24VDC	59"	24.58w	2045	109	22w	4.5w
RB26HP6-6'-41K-24V		68"	28.33w	2357	109	27w	4.5w

PROFILE



By replacing T8 lamps with our Summit Series lamps in **100 refrigerated display doors in 200 stores**, you'll decrease overall energy costs by over **\$1 million** and reduce carbon emissions by over **1 million pounds annually**. This is equivalent to the carbon converting power of planting over **1,200 trees!**

*Calculation assumes using 60-inch light fixtures installed in 5-door refrigerator display cases operating 24/7 at a cost of \$0.08/kwh.

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