

# FB Series LED Freezer Highbay

## KOOLBAY™ LED Cold Storage HighBay

### APPLICATIONS

The new Hubbell Industrial KOOLBAY™ LED freezer luminaire is specifically designed for those hard to light coolers and freezers

### FIXTURE

- Patented(#D617493) design for freezer/cooler operation (25°C to -25°C)
- High performance LED design at over 50 lumens per watt
- Low BTU load based on 150w total input
  - 150w = 511.8 BTU
  - 511.8 BTU / Minute = 12 Horsepower
  - 150w = 0.4265 AC Tons

### LED LIGHT ENGINE

- Nichia high output LEDs
- 50,000 hours, long life
- 5000°K CCT
- 72 CRI

### LED DRIVER

- Only 150w total input
- 120V to 277V universal voltage drivers
- Power factor greater than 0.85
- Four drivers powering 56 high output LEDs for fail-safe operation

### OPTIC SYSTEM

- No heat in the beam – No food spoilage next to fixtures
- Very low lumen loss, approx. 5% at 50,000 hours
- Consistent color by fixture design
- Low glare
- Smooth, even distribution

### LISTINGS

- CSA damp location listed (US/C)

### WARRANTY

- Five years from date of purchase



LED HIGHBAY

### ORDERING INFORMATION

FB

150

L

U

5K

A23

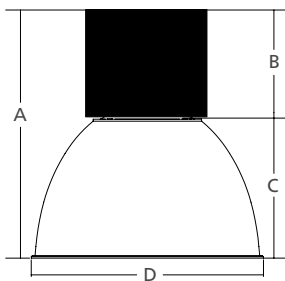
SERIES	WATTAGE	SOURCE	VOLTAGE	COLOR TEMPERATURE	OPTIC	COLOR
FB KOOLBAY™ LED freezer luminaire	150 150w input	L High power LED	U Universal voltage (120-277V)	5K 5000°K	AL23 Aluminum reflector 23"	BL Black WH White GR Gray

### ENERGY SAVING DATA

Electricity Savings*		Freezer Thermal Load Savings*		Cooler Thermal Load Savings*	
Existing Fixtures	Savings \$	Existing Fixtures	Savings \$	Existing Fixtures	Savings \$
400w	\$298.72	400w	\$203.86	400w	\$101.93
350w	\$240.90	350w	\$164.40	350w	\$82.20
320w	\$210.06	320w	\$143.36	320w	\$71.68
250w	\$139.72	250w	\$95.35	250w	\$47.68

\*Based on 24x7 and \$0.11/KWH

Input Watts	LEDs	Drive ma	Color Temperature	LED Watts	CRI
150w	56	700ma	5000°K	2w	72



A	B	C	D
19"	8"	11"	23"
482.5 mm	203.2 mm	279.4 mm	584.2 mm

Hubbell Industrial Lighting is proud to offer a patented(#D617493) KOOLBAY™ LED luminaire suited for a variety of large cold storage applications. LED technology offers significant advantages when lighting cold storage applications long life, instant-on, energy efficiency, low maintenance, low BTU load and low glare.

LED technology is moving forward at a rapid pace, and Hubbell Industrial Lighting has taken a thorough design approach to ensure that our products and product offering meet the highest standards.



Industrial Lighting