

Catalog Number
Notes
Type

## FEATURES & SPECIFICATIONS

**INTENDED USE** — The LBK kit provides a simple, cost-effective integrated LED solution for retrofit in nearly any fluorescent fixture with T8, T12, or T5 lamps. Lightbar kits provide the reliability, thermal performance, and longevity of integrated LED systems with the simplicity of installing wherever fluorescent lamps are used. Existing fluorescent lampholders and ballasts are not used for operation, greatly increasing reliability of system.

**CONSTRUCTION & OPTICS** — Rigid, formed steel channel with high-performance LED boards mounted directly for optimal thermal performance. Diffuse acrylic lens increases uniformity and controls brightness. LBK is available in standard 4', 2', and 3' configurations for increased flexibility in linear applications.

**ELECTRICAL** — Long-life LEDs coupled with high-efficiency drivers provide extended service life. LBK is rated to deliver greater than L80 performance at 60,000 hours (Calculated L70 > 140,000 hrs). LEDs are high efficiency for lightbar kit performance levels exceeding 150 LPW.

**INSTALLATION** — Magnets secure lightbar for easy positioning and alignment. Self-tapping Tek screws are included to secure bar for final installation. Drivers are mounted in existing ballast channel. Lightbars and drivers plug together with modular wiring harness in a configuration specified when ordering for installation simplicity.

**LISTINGS** — UL/cUL Classified for damp location. Tested to LM80 standards. Made in North America for standard TAA compliance. BAA compliant product is available (consult factory)

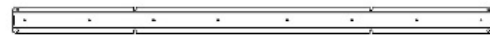
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**WARRANTY** — Five-year warranty coverage of luminaires includes fixture construction, LED light engine, and driver. Terms and conditions apply. Extended warranties may be available for certain applications.

**NOTE:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

### LBK LightBar Kit LED Retrofit System

# LBK



#### Specifications

Length: 46.25", 34.40", 22.63"  
 Width: 1.61"  
 Height: 0.9"



LBK Performance		1600LMHE	2000LMHE	3000LMHE	4000LMHE	6000LMHE	8000LMHE	12000LMHE
		10W	13W	20W	26W	39W	51W	77W
2 FT	2FT - 2 bars - 40K		2,005 LM 13.3 W 151 LPW	3,045 LM 20.0 W 152 LPW	3,908 25.1 W 155 LPW			
	2FT - 3 bars - 40K		1,985 LM 13.2 W 151 LPW	3,009 LM 19.7 W 153 LPW	3,891 LM 24.7 W 158 LPW	5,703 LM 37.4 W 152 LPW		
	2FT - 4 bars - 40K						7,708 LM 50.5 W 153 LPW	
3 FT	3FT - 1 bar - 40K	1,463 LM 9.9 W 147 LPW						
	3FT - 2 bars - 40K			3,087 LM 19.7 W 157 LPW				
4 FT	4FT - 1 bar - 40K	1,564 LM 9.9 W 158 LPW	2,022 LM 13.2 W 153 LPW	3,057 LM 19.9 W 154 LPW	3,938 LM 24.9 W 158 LPW			
	4FT - 2 bars - 40K		2,061 LM 13.1 W 158 LPW	3,149 LM 19.6 W 161 LPW	4,097 LM 24.5 W 167 LPW	6,007 LM 37.2 W 162 LPW	7,903 LM 50.3 W 157 LPW	
	4FT - 3 bars - 40K			3,151 LM 19.5 W 162 LPW	4,044 LM 24.3 W 166 LPW	6,025 LM 36.7 W 164 LPW		
	4FT - 4 bars - 40K						8,140 LM 49.4 W 165 LPW	11,979 LM 74.9 W 160 LPW

# LBK LED Lightbar Kit

## ORDERING INFORMATION

Example: LBK 4FT 2 3000LMHE 80CRI 40K MIN10 ZT MVOLT J12

Series	Fixture Dimension	# Bars	Lumens Output	CRI	Color Temperature
LBK LED Lightbar Kit	2FT 2'	2 2 bars	2000LMHE Nominal 2000 lumens high efficiency <sup>2,3</sup>	80CRI 80 CRI	35K 3500K 40K 4000K 50K 5000K
		3 3 bars	3000LMHE Nominal 3000 lumens high efficiency <sup>2,3</sup>		
		4 4 bars	4000LMHE Nominal 4000 lumens high efficiency <sup>2,3</sup>		
			6000LMHE Nominal 6000 lumens high efficiency <sup>3</sup>		
			8000LMHE Nominal 8000 lumens high efficiency <sup>4</sup>		
	3FT 3'	1 1 bar	1600LMHE Nominal 1600 lumens high efficiency <sup>1</sup>		
		2 2 bars	3000LMHE Nominal 3000 lumens high efficiency <sup>2</sup>		
	4FT 4'	1 1 bar	1600LMHE Nominal 1600 lumens high efficiency <sup>1</sup>		
		2 2 bars	2000LMHE Nominal 2000 lumens high efficiency <sup>1,2</sup>		
		3 3 bars	3000LMHE Nominal 3000 lumens high efficiency <sup>1,2,3</sup>		
		4 4 bars	4000LMHE Nominal 4000 lumens high efficiency <sup>1,2,3</sup>		
			6000LMHE Nominal 6000 lumens high efficiency <sup>2,3</sup>		
		8000LMHE Nominal 8000 lumens high efficiency <sup>2,4</sup>			
		12000LMHE Nominal 12000 lumens high efficiency <sup>4</sup>			

Minimum Dimming Level	Control Input	Voltage	Options
MIN10 Constant current, dimming to 10%	ZT Generic 0-10V Dimming <sup>5</sup>	MVOLT MVOLT, 120-277V	<b>PAF</b> Paint after fabrication <b>USPOM</b> U.S. point of manufacture (BAA compliant) <sup>7</sup> <b>NAXx</b> Customer-specific options <sup>7</sup> <b>UFC</b> DOD Unified Facility Criteria compliant driver <sup>7,8</sup> <b>FAO</b> Field adjustable output device <b>J2</b> Job pack of 2 kits (1-bar & 2-bar kits only) <sup>9</sup> <b>J6</b> Job pack of 6 kits (4-bar kits only) <sup>9</sup> <b>J12</b> Job pack of 12 kits (2-bar kits only) <sup>9</sup>
MIN1 Constant current, dimming to 1%	EZT eldoLED 0-10V Dimming <sup>6</sup>		

Accessories: Order as separate catalog number.	
<a href="#">ILB CP10 HE B M20</a>	IOTA 10 Watt Constant Power, High Efficiency LED Emergency Driver for CA Title 20 <sup>10</sup>
<a href="#">PS1055CP M9</a>	Power Sentry 10 Watt Constant Power Standard Profile LED Emergency Driver <sup>10</sup>
LBKXFMR	347V Autotransformer <sup>10</sup>

### NOTES

- Available with # Bars qty 1.
- Available with # Bars qty 2.
- Available with # Bars qty 3.
- Available with # Bars qty 4.
- Only available with MIN10.
- Only available with MIN1.
- Consult factory for details on availability.
- Must be ordered with MIN10 ZT.
- Job packs include multiple bars, drivers, and hardware in single carton.
- Field-installed by contractor.