

YOUR BOTTOM LINE NEVER LOOKED BETTER

The I-BEAM® LED high bay isn't your average LED fixture. It offers the quality you expect from Lithonia Lighting and the configurability you have enjoyed with the I-BEAM® family of products. It is an affordable one-for-one replacement of HID and fluorescent high bay systems with mounting heights up to 60' and ambient temperatures up to 131°F (55°C). Applications include warehousing, light manufacturing, gymnasiums, convention centers, aircraft hangers and other large indoor spaces.

QUICK RETURN ON INVESTMENT

- Payback in as little as two years compared to fluorescent. See total cost of ownership example on back page
- DesignLights Consortium® (DLC) qualified product. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified

BETTER ILLUMINATION

- Kelvin temperatures of 3500K, 4000K and 5000K
- 9000-48,000 lumen packages; replaces up to 10-lamp T5HO and 1000W HID
- Wide and narrow reflector options
- Semi-diffuse acrylic lens option controls glare
- 70 CRI is standard. CRI >80 is available as an option

LONG LIFE

- L95 at 60,000 hours; L70 predicted to exceed 100,000 hours
- User replaceable drivers

ENERGY SAVINGS

- Up to 36% less input wattage than fluorescent
- Up to 59% less input wattage than HID
- Up to 109 lumens per watt (LPW)
- Optional integrated controls (XPoint™; XPoint Wireless and nLight®) and sensor options (occupancy, photo and dimming) extends fixture life and reduces energy costs.
- High-efficiency Class I driver with dimming standard



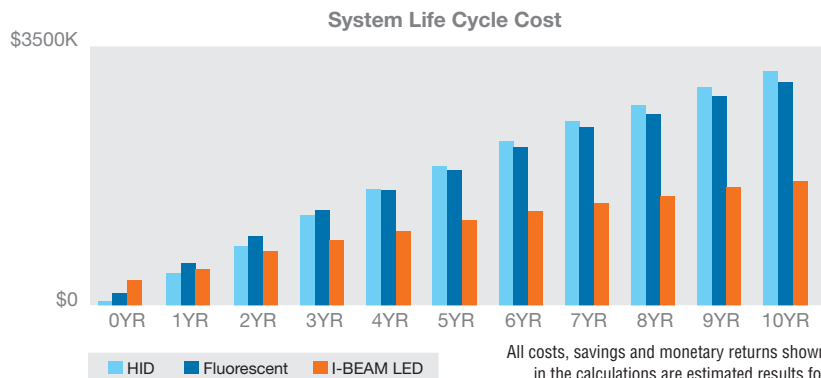
THE TOP CHOICE FOR YOUR BOTTOM LINE

THE BOTTOM LINE


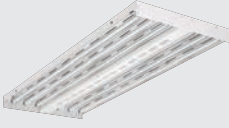

THE RETURN ON YOUR INVESTMENT

The I-BEAM® LED high bay was designed to not only deliver a fast payback, but to achieve a high return on investment by continuing to pay out dividends over the life of the product. To see the total cost of operation for each lumen package, review the bar charts based on 10-year life cycle at 12 hours/day and equivalent footcandles.

Save even more by installing occupancy sensors or photo sensors. Local and national rebates may be available.



All costs, savings and monetary returns shown in the calculations are estimated results for general information only. Calculations do not include optional controls which provide additional savings.

HID		Fluorescent		I-BEAM® LED	
					
Configuration	400W HID	Configuration	6-lamp 54W T5HO	Configuration	IBL 24L
Total Wattage	442	Total Wattage	374	Total Wattage	241
Life Cycle Cost	\$3,246	Life Cycle Cost	\$2,924	Life Cycle Cost	\$2,067
Energy Cost	\$346	Energy Cost	\$239	Energy Cost	\$188
Energy Use (kWh)	3,872	Energy Use (kWh)	3,276	Energy Use (kWh)	2,111
Annual Operating Cost	\$564	Annual Operating Cost	\$504	Annual Operating Cost	\$294
Annual Operating Savings	--	Annual Operating Savings	\$61	Annual Operating Savings	\$270
Simple Payback (years)	--	Simple Payback (years)	0.02	Simple Payback (years)	1.28
Life Cycle Return on Investment	--	Life Cycle Return on Investment	171.1%	Life Cycle Return on Investment	248.7%

System Cost	Baseline Cost		Savings Over Baseline		Savings Over Baseline	
	Ballast	\$25	Ballast	-60%	Ballast	0%
	Energy	\$2,630	Energy	15%	Energy	45%
	Disposal	\$8	Disposal	-238%	Disposal	50%
	HVAC	\$117	HVAC	15%	HVAC	45%
Lamps	\$30	Lamps	-308%	Lamps	-60%	
Sustainability	Baseline Cost		Savings Over Baseline		Savings Over Baseline	
	Energy Use (kWh)	38,719	Savings (kWh)	5,957	Savings (kWh)	17,608
	CO ₂ Emissions (tons CO ₂)	26.70	Savings (tons CO ₂)	4.11	Savings (tons CO ₂)	12.14
	SO ₂ Emissions (tons SO ₂)	0.10	Savings (tons SO ₂)	0.01	Savings (tons SO ₂)	0.04
	NO _x Emissions (tons NO _x)	0.00	Savings (tons NO _x)	0.00	Savings (tons NO _x)	0.00
	Equivalent CO ₂ Reduction		Equivalent CO ₂ Reduction		Equivalent CO ₂ Reduction	
	Annual Energy (homes)	2.32	Trees Planted (seedlings)	105.44	Trees Planted (seedlings)	311.65
	Annual Exhaust (cars)	5.23	Pine Forest (acres)	0.88	Pine Forest (acres)	2.59

