



energybank. LightSource® LED I-Frame High Bay Series

Date:	
Type:	
Firm:	
Project:	

**PRODUCT DESCRIPTION**

The LightSource Series from energybank is designed to quickly and easily replace existing High-intensity Discharge, T8 and T5 fluorescent fixtures in both low bay and high bay applications. LightSource fixtures incorporate patent-pending features that deliver more footcandles with less energy input. Change out an existing fluorescent fixture in under five minutes. Constructed of 98% pure 3105 aluminum with a durable, composite polyester exterior finish. Black is standard for optimal thermal transfer. 100,000+ hour life expectancy.

**PERFORMANCE SUMMARY**

- Light Engine:** Philips or Osram
- Color Temp:** 5000K
- Surge Suppression:** integral 2.5kV transient voltage protection
- Lumens (nominal):** 7,200 (LS06T) to 48,000 (LS48T)
- Input Voltage:** 120-277V
- Optics:** No lens
- Certification:** UL Listed, DLC QPL
- Warranty:** 5-year standard limited
- Application:** High Bay / Low Bay
- Power Consumption:** 60W (LS06T) to 450W (LS48T)
- Manufacturer:** Genesis Energy Technology



**ORDERING INFORMATION**

Determine number\* for placing order.

Lead times will vary depending on options selected. Consult your sales representative. EXAMPLE: LS12T-UNNL-50BL-NSHW-MSX-A10

LS		UN									
Model	Wattage (nominal)	Voltage^	Optics	Color Temp	Fixture Color	Surge	Power Supply	Motion Sensor (FSP-211)	Hanging		
STANDARD IN YELLOW*	low bay	06T: 60W	1-array	NL: no lens F1: frosted lens CL: clear lens PC: polycarbonate	50: 5000K 40: 4000K	BL: black WH: white	NS: integral WS: external	HW: hardwire 4P: 4 pin Winsta 5P: 5 pin Winsta ML: Matenlok	MSX: no sensor MS1: 5 min/5 hr MS2: 15 min/5 hr MS3: 30 min/5 hr MS4: 5 min/1 hr MS5: 15 min/1hr MSC: custom	A10: 10' Adj cables	
		12T: 100W	2-array							NHH: none	
		12T: 120W	2-array							PM: pendant mount	
		16T: 150W	2-array							FM: flush mount	
		18T: 150W	3-array								
		18T: 180W	3-array								
	high bay	15HA: 150W	4-array								
		24T: 200W	4-array								
		24T: 240W	4-array								
		32T: 300W	4-array								
		30T: 250W	5-array								
		30T: 300W	5-array								
48T: 450W	6-array										

^Optional 480V accessory pack available. Not compatible with sensor on 1, 3 and 5 array fixtures.

\* Additional charges may apply to non-standard options. For additional custom options, call your sales representative for details.

# LightSource® LED I-Frame High Bay Series STANDARD SPECIFICATIONS:

LS06T LS12 LS12T LS16T LS18 LS18T LS15HA LS24 LS24T LS32T LS30 LS30T LS48T

general performance	spec	details														
	color temperature	5000K														
CRI	>82 + R9															
lumens		7,200	12,000	14,400	16,000	18,000	21,600	18,000	24,000	28,800	32,000	30,000	36,000	48,000		
lifetime	100,000 hours															
electrical	power consumption		60W	100W	120W	150W	150W	180W	150W	200W	240W	300W	250W	300W	450W	
	input voltage	120-277V														
	surge suppression	Integral 2.5kV transient voltage protection														
	power supply	Hardwire														
light engine	optics	Standard no lens. <i>Optional</i> frosted lens, clear lens, polycarbonate lens														
	driver		Osram	Osram	Osram	Philips	Osram	Osram	Osram	Osram	Osram	Philips	Osram	Osram	Philips	
LED boards		Osram	Osram	Osram	Philips	Osram	Osram	Osram	Osram	Osram	Philips	Osram	Osram	Philips		
physical	dimensions (L"xH"xW")	46.102" L 3.068" H 9.190" W						46.102" L 3.068" H 15.845" W						46.148" L 3.068" H 24.00" W		
	weight	4.15 lbs		6.10 lbs			7.9 lbs		10.4 lbs			10.8 lbs		12.25 lbs		17.5 lbs
	arrays	1		2			3		4			5		6		
	housing	98% pure 3105 aluminum with durable, composite polyester exterior finish														
	mounting	V-Hook and 10 ft adjustable hangers (UL listed), position fixture at optimal angle for operation														
application	operating temperature	- 22° to 122 ° F   -30° to 50° C						- 22 ° to 131° F		-22° to 122 ° F   -30° to 50° C						
	listed	UL Listed		UL Listed, DLC												
	environment	Suitable for damp locations														
warranty	5-year standard limited															
DLC*	DLC model #			LS12-UNCL-40xx, LS12-UNCL-50xx LS12-UNF1-40xx, LS12-UNF1-50xx LS12-UNNL-40xx, LS12-UNNL-50xx	LS212-UNCL-40xx, LS212-UNCL-50xx LS212-UNF1-40xx, LS212-UNF1-50xx LS212-UNNL-40xx, LS212-UNNL-50xx	LS215P-UNCL-40xx, LS215P-UNCL-50xx LS215P-UNF1-40xx, LS215P-UNF1-50xx LS215P-UNNL-40xx, LS215P-UNNL-50xx	LS18-UNCL-40xx, LS18-UNCL-50xx LS18-UNF1-40xx, LS18-UNF1-50xx LS18-UNNL-40xx, LS18-UNNL-50xx	LS318-UNCL-40xx, LS318-UNCL-50xx LS318-UNF1-40xx, LS318-UNF1-50xx LS318-UNNL-40xx, LS318-UNNL-50xx	LS415-UNCL-40xx, LS415-UNCL-50xx LS415-UNF1-40xx, LS415-UNF1-50xx LS415-UNNL-40xx, LS415-UNNL-50xx	LS24-UNCL-40xx, LS24-UNCL-50xx LS24-UNF1-40xx, LS24-UNF1-50xx LS24-UNNL-40xx, LS24-UNNL-50xx	LS424-UNCL-40xx, LS424-UNCL-50xx LS424-UNF1-40xx, LS424-UNF1-50xx LS424-UNNL-40xx, LS424-UNNL-50xx	LS430P-UNCL-40xx, LS430P-UNCL-50xx LS430P-UNF1-40xx, LS430P-UNF1-50xx LS430P-UNNL-40xx, LS430P-UNNL-50xx	LS30-UNCL-40xx, LS30-UNCL-50xx LS30-UNF1-40xx, LS30-UNF1-50xx LS30-UNNL-40xx, LS30-UNNL-50xx	LS530-UNCL-40xx, LS530-UNCL-50xx LS530-UNF1-40xx, LS530-UNF1-50xx LS530-UNNL-40xx, LS530-UNNL-50xx	LS645P-UNCL-40xx, LS645P-UNCL-50xx LS645P-UNF1-40xx, LS645P-UNF1-50xx LS645P-UNNL-40xx, LS645P-UNNL-50xx	
manufacturer:	Genesis Energy Technology															

## OPTIONAL ACCESSORIES:

- External 480v transformer pack
- Pendant mount bracket (for 1 to 3 array models), LSPEND-01-KIT
- Pendant mount bracket (for 4 to 5 array models), LSPEND-02-KIT
- Flush mount bracket (for 1 to 5 array models), LSFLUSH-01-KIT

See LightSource I-Frame Brackets Spec for more detail



\*Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at [www.designlights.org/search](http://www.designlights.org/search).



AMERICAN MADE INNOVATION

Designed & Built in USA

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