



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)	Array	Voltage^	Optics	Color Temp	Fixture Color	Surge	Power Supply	Motion Sensor (FSP-211)	Hanging										
STANDARD IN YELLOW*	low bay	06T: 60W	1-array	UN: 120-277V	NL: no lens	50: 5000K	BL: black	NS: integral	HW: hardwire	MSX: no sensor	A10: 10' Adj cables									
		12: 100W	2-array		F1: frosted lens							40: 4000K	WH: white	WS: external	4P: 4 pin Winsta	MS1: 5 min/5 hr	NHH: none			
		12T: 120W	2-array		CL: clear lens															
		16T: 150W	2-array		PC: polycarbonate													5P: 5 pin Winsta	MS2: 15 min/5 hr	PM: pendant mount
		18: 150W	3-array																	
		18T: 180W	3-array																	
	15HA: 150W	4-array																		
	24: 200W	4-array																		
	24T: 240W	4-array	MSC: custom																	
	32T: 300W	4-array																		
	30: 250W	5-array																		
	30T: 300W	5-array																		
	48T: 450W	6-array																		
	high bay																			

^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.



AMERICAN MADE INNOVATION

Designed & Built in USA

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