

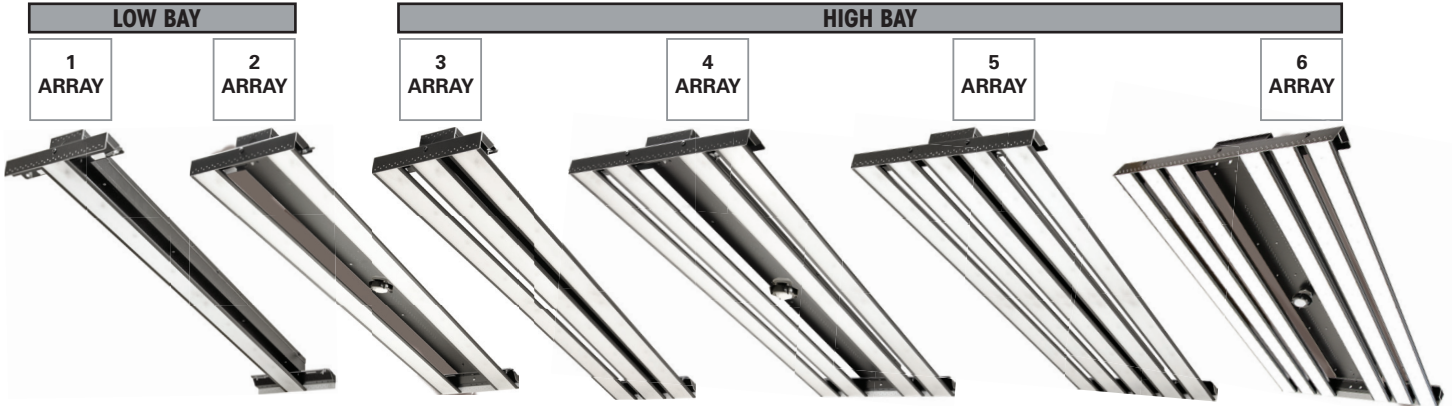


# energybank. LightSource™ Series iFrame

Date:	
Type:	
Firm:	
Project:	

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, proprietary composite polyester exterior finish. Black is standard for optimal thermal transfer. With a 100,000 hour life expectancy, it will be 32 years before your next maintenance event (based on 10 hours per day and 6 days per week).

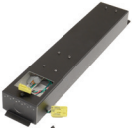

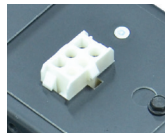
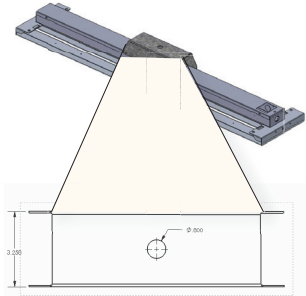


## ORDERING INFO

Use this tool to determine part number for placing order.\*^

Lead times will vary depending on options selected. Consult your sales representative.

EXAMPLE: LS12-UNF1-50BL-NSHW-MSXAT-A10

LS	Wattage	Voltage	Optics Lens	Color Temp	Fixture Color	Surge Suppression	Power Supply	Motion Sensor	Fixture	Hanging Hardware
LOW BAY STANDARD	<b>06:</b> 50W (1 array)	<b>UN:</b> 120-277V	<b>F1:</b> frosted 93%	<b>50:</b> 5000K	<b>BL:</b> black	<b>NS:</b> internal	<b>HW:</b> hardwire	<b>MSX:</b> no sensor	<b>AT:</b> attached	<b>A10:</b> 10' Adj. Cable
	<b>06T:</b> 60W (1 array)		<b>CL:</b> clear	<b>40:</b> 4000K	<b>WH:</b> white	<b>WS:</b> external	<b>ML:</b> matenlok	<b>MS1:</b> 5 min / 5 hour	<b>NHH:</b> none	
	<b>12:</b> 100W (2 array)		<b>PC:</b> polycarbonate	<b>4P:</b> 4 pin winsta	<b>5P:</b> 5 pin winsta	<b>MS2:</b> 15 min / 5 hour	<b>MS3:</b> 30 min / 5 hour	<b>MS4:</b> 5 min / 1 hour	<b>MS5:</b> 15 min / 1 hour	<b>PM:</b> pendant mount
	<b>12T:</b> 120W (2 array)									
	<b>16T:</b> 150W (2 array)		Optional accessory external transformer pack 	Optional plug 'n play power supplies  <b>Winsta (WAGO)</b>  <b>MATE-N-LOK</b>	Pendant Mount bracket 0.800" hole for 0.750" pipe 					
	<b>18:</b> 150W (3 array)									
	<b>18T:</b> 180W (3 array)									
	<b>15HA:</b> 150W (4 array) <i>high ambient</i>									
	<b>24:</b> 200W (4 array)									
	<b>24T:</b> 240W (4 array)									
<b>32T:</b> 300W (4 array)										
<b>30:</b> 250W (5 array)										
<b>30T:</b> 300W (5 array)										
<b>48T:</b> 450W (6 array)										

\*For additional custom options, call your sales representative for details.

Additional charges may apply to non-standard options

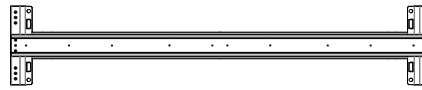
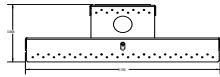
^Not all configurations may be DLC listed. Check DLC website for qualified listings

STANDARD SPECIFICATIONS:

		LS06	LS06T	LS12	LS12T	LS16T	LS18	LS18T	LS15HA	LS24	LS24T	LS32T	LS30	LS30T	LS48T	
<b>general performance</b>	<b>spec</b>	<b>details</b>														
	color temperature	5000K														
	CRI	>80														
	lumens	6,000	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														
<b>electrical</b>	power consumption	50W	60W	100W	120W	150W	150W	180W	150W	200W	240W	300W	250W	300W	450W	
	input voltage	120-277V														
	surge suppression	integrated transient voltage protection														
	power supply	hardwire														
<b>physical</b>	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														
	optics	frosted lens						clear lens								
	mounting	10ft adjustable hangers (UL listed), position fixture at optimal angle for operation														
	operating temperature	- 22 ° F to 122 ° F							- 22 ° F to 131° F		-22 ° F to 122 ° F					
<b>application</b>	certification	UL Listed			UL Listed DLC											
	environment	damp rating														
	warranty	5 year														
<b>DLC</b>	DLC Agency Reference #			LS12-UNCL-40(50)xx LS12-UNF1-40(50)xx LS12-UNNL-40(50)xx	LS212-UNCL-40(50)xx LS212-UNF1-40(50)xx LS212-UNNL-40(50)xx	LS215P-UNCL-40(50)xx LS215P-UNF1-40(50)xx LS215P-UNNL-40(50)xx	LS18-UNCL-40(50)xx LS18-UNF1-40(50)xx LS18-UNNL-40(50)xx	LS318-UNCL-40(50)xx LS318-UNF1-40(50)xx LS318-UNNL-40(50)xx	LS415-UNCL-40(50)xx LS415-UNF1-40(50)xx LS415-UNNL-40(50)xx	LS24-UNCL-40(50)xx LS24-UNF1-40(50)xx LS24-UNNL-40(50)xx	LS424-UNCL-40(50)xx LS424-UNF1-40(50)xx LS424-UNNL-40(50)xx	LS430P-UNCL-40(50)xx LS430P-UNF1-40(50)xx LS430P-UNNL-40(50)xx	LS30-UNCL-40(50)xx LS30-UNF1-40(50)xx LS30-UNNL-40(50)xx	LS530-UNCL-40(50)xx LS530-UNF1-40(50)xx LS530-UNNL-40(50)xx		

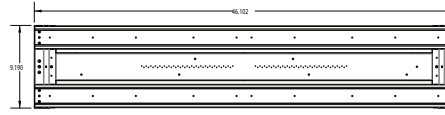
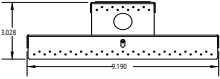
# LightSource™ Series iFrame

**1  
ARRAY**



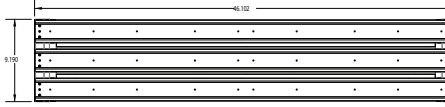
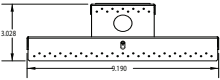
L 46.102 in  
H 3.068 in  
W 9.190 in  
4.15 lbs

**2  
ARRAY**



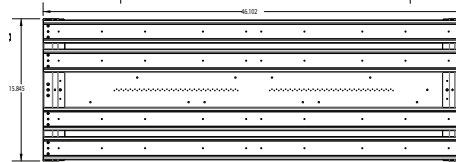
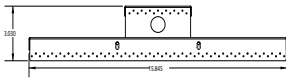
L 46.102 in  
H 3.068 in  
W 9.190 in  
6.10 lbs

**3  
ARRAY**



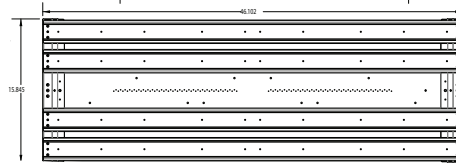
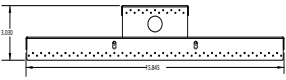
L 46.102 in  
H 3.068 in  
W 9.190 in  
7.9lbs

**4  
ARRAY**



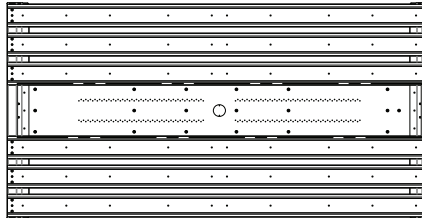
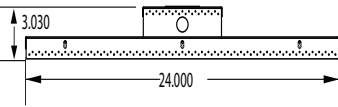
L 46.102 in  
H 3.030 in  
W 15.845 in  
10.4 lbs

**5  
ARRAY**



L 46.102 in  
H 3.030 in  
W 15.845 in  
12.25 lbs

**6  
ARRAY**



L 46.102 in  
H 3.030 in  
W 24.00 in  
17.5 lbs



**2  
ARRAY**



**3  
ARRAY**



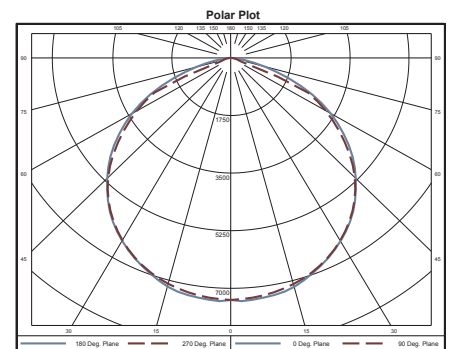
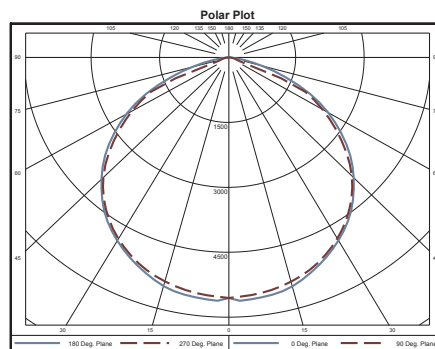
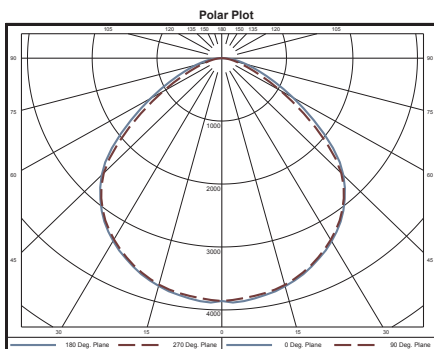
**4  
ARRAY**



**2 array**

**3 array**

**4 array**



## Input versus Throughput

You only need to look at the final result - light quantity and quality - with your own eyes to see that the LightSource outperforms the others. LS12T comparison below.

**HID**  
400W  
**(465W actual)**  
40,000 lumens



**Fluorescent**  
6-lamp T8 192W  
**(221W actual)**  
20,000 lumens



**High Intensity Fluorescent**  
4-lamp T5 216W  
**(240W actual)**  
20,000 lumens



**LS12T**  
120W  
**(120W actual)**  
12,000 lumens



**All of the above will deliver 25-40 foot candles**  
(depending on height, environment)



Designed and manufactured in USA  
US patents-pending



Warranty:  
5-year standard limited warranty from  
OEM on all light engine components.



UL Listed



DLC Qualified Products List