



# THE LIGHT SOURCE<sup>INC</sup>



Made in the USA

10 Year Guarantee

## HL Pendant



6" Fresnel lens, 100-150 Watt,  
Up to 13,583 lumens output.  
Available in 8 fixed beam angles.

## Mini-Pendant



4.5 Fresnel lens, 80 Watt, Up to  
5,799 lumens output Field adjustable  
beam angles from 79° to 54°.

## Micro-Pendant



5" diameter cylinder, 40 Watt,  
Up to 2,344 lumens output  
90° or 64° beam angles.

The Light Source LED downlights share an exceptionally efficient light engine that is intensively thermal managed to increase brightness and life. With an extremely even light beam, the fixture is fully DMX dimmable, dimming smoothly all the way to zero. The massive heat sink keeps the LEDs cool and efficient, eliminating the need for noisy fans that can fail over time. Decreased energy usage, lower heat levels, and minimal maintenance yield a substantial return on investment. Made in the USA, the fixture is guaranteed for 10 years and is ETL listed in both the US and Canada.



### Glare Shields



### Surface Mount Dimmable Utility



## Cylinder Casings

Slides up over the pendant fixture and locks  
in place. Black, white and optional colors.



## Pendant Mounts

DivCon pivoting or 90 degree junction  
box with separate paths for power & data



## Mega-Fresnel™

Compact, powerful wash light  
120 Watt, 6" Fresnel, RGBW



## RGBW Four Color House Light

The Light Source RGBW house light offers incredibly rich color, as well as a beautifully crafted white. High light output combines with low wattage to create a quality, low maintenance, energy efficient luminaire. Using only 40, 80, or 120 Watts, The Light Source RGBW puts out up to 8,158 lumens. Dedicated white phosphor LEDs provide full spectrum white without having to mix the RGB's. The colors are created with a combination of deeply saturated red, blue, and green LEDs and can be mixed to any color using up to 120 Watts of the RGBW LEDs.

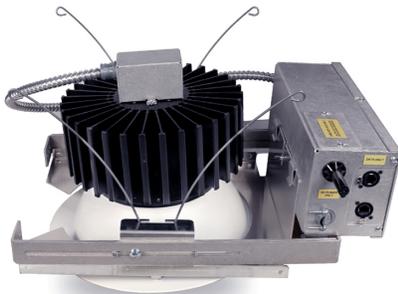


LED Head with Remote Driver



LED Work Light

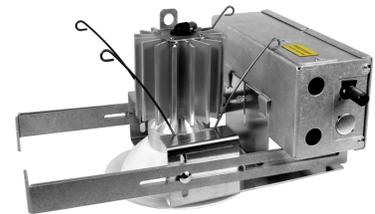
## Recessed Fixtures



Recessed  
100-150 Watts, 6" Fresnel Lens  
11" Rough In Outside Diameter



Mini-Recessed  
80 Watts, 4.5" Fresnel Lens  
9" Rough In Outside Diameter



Micro-Recessed  
40 Watts, 2.5" TIR Lens  
6 3/4" Rough In Outside Diameter



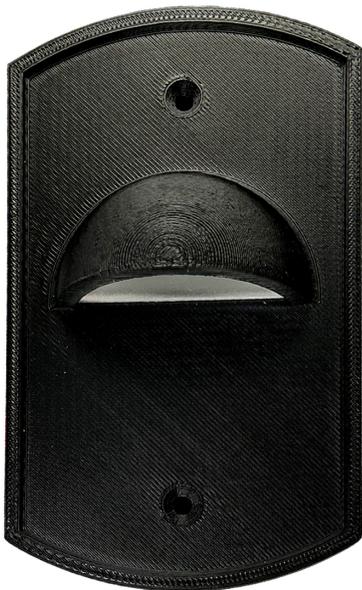
Recessed Fixtures Available in 2x2 Drop In Panels



Sloped Ceiling Adapter

# THE LIGHT SOURCE RENEW PROGRAM

The Light Source fixtures that have passed the 10-year warranty period can be renewed with the latest generation electronics and given a new 10-year guarantee. Fixtures can be upgraded from white only to RGBW at this time as well. Factory-trained technicians work on site, eliminating shipping costs and potential damage to the fixtures. The renew program offers tremendous savings compared to the costs of purchasing and installing new fixtures.

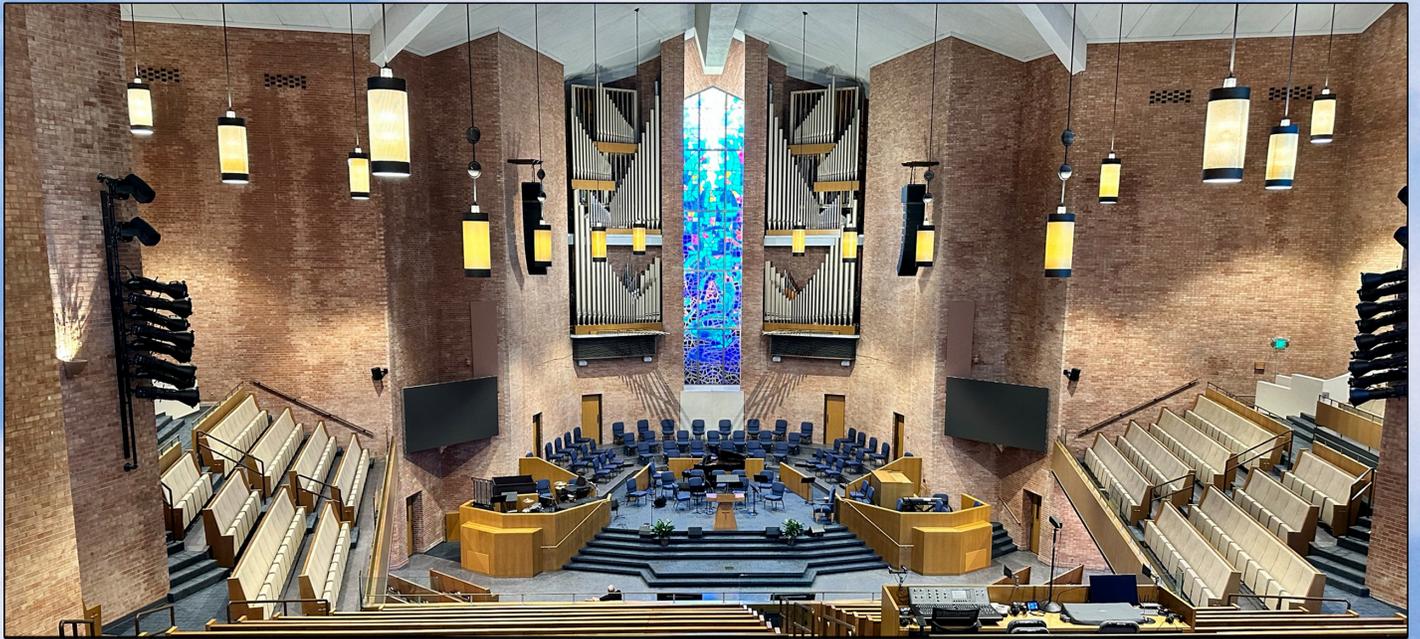


## MEGA-FOOT CANDLE

The Mega-Foot Candle is a sturdy, affordable backstage light that offers a deep royal blue for performances as well as a 3K white for daily use. DMX controlled, the light outputs up to 10 foot-candles. The single gang coverplate light has industry standard RJ45 wiring for power and control. Up to 25 fixtures per output will dim in unison. The DMX/RDM compatible wall controller has two RJ-45 blue/white outputs controlled with four consecutive DMX channels. The main controller can be mounted on a wall and uses a UL listed class two wall wart power supply. A screw connection fastens it to a standard Edison outlet.

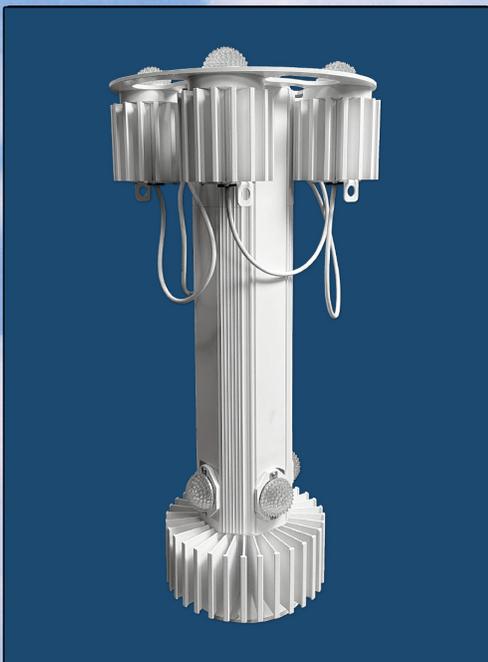
# CL SERIES

## LED Retrofit



The CL series fixture is a custom solution that provides new life for beautiful old pendant fixtures with the cutting-edge technology of today's LEDs. The CL series can also be configured for a wide variety of surrounding enclosures. CL fixture options include up to 160 watts of down light, up to 80 watts of side light, and up to 150 watts of up light, available in either white or RGBW.

The main body of the CL series fixture is a sturdy, extruded aluminum structure which encloses the electronics. Numerous fins serve as a heatsink for the sidelight with access to the DMX controlled electronics provided by two vented doors. The top cover is custom built to provide support for the intended lighting fixture. The CL series is an elegant solution for restoring an existing pendant or creating a new custom fixture.





# The Light Source Photometrics Chart

The Light Source 6 Inch Fresnel 150 Watts Foot Candles at different mounting heights in feet													
Beam	Field	Lumens	Lum/Watt	Candela	10	15	20	25	30	35	40	45	50
82	92	13,318	89.5	7,780	78	35	19	12	9	6	5	4	3
70	78	13,338	83.7	10,080	101	45	25	16	11	8	6	5	4
60	79	12,441	91.2	16,944	169	75	42	27	19	14	11	8	7
52	66	13,543	89.8	23,380	234	104	58	37	26	19	15	12	9
44	55	13,325	88.2	33,642	336	150	84	54	37	27	21	17	13
37	49	13,088	84.4	41,818	418	186	105	67	46	34	26	21	17
29	41	12,539	80.5	57,456	575	255	144	92	64	47	36	28	23
25	33	11,963	74.5	74,060	741	329	185	118	82	60	46	37	30

The Light Source 6 Inch Fresnel 120 Watts Foot Candles at different mounting heights in feet													
Beam	Field	Lumens	Lum/Watt	Candela	10	15	20	25	30	35	40	45	50
82	92	11,185	94.3	6,310	63	28	16	10	7	5	4	3	3
70	78	10,472	88.2	8,136	81	36	20	13	9	7	5	4	3
60	79	11,399	96.1	13,676	137	61	34	22	15	11	9	7	5
52	66	11,216	94.7	18,871	189	84	47	30	21	15	12	9	8
44	55	11,017	92.9	27,154	272	121	68	43	30	22	17	13	11
37	49	10,555	89.0	33,753	338	150	84	54	38	28	21	17	14
29	41	10,069	84.9	46,375	464	206	116	74	52	38	29	23	19
25	33	9,299	78.5	59,777	598	266	149	96	66	49	37	30	24

The Light Source 6 Inch Fresnel 120 Watts RGBW Foot Candles at different mounting heights in feet											
Beam	Field	Lumens	Lum/Watt	Candela	12	14	16	18	20	22	
75	105	8,158	68.0	5,186	36	26	20	16	13	11	
62	90	7,487	62.4	6,510	45	33	25	20	16	13	
48	76	6,669	55.6	8,990	62	46	35	28	22	19	

The Light Source 6 Inch Fresnel 100 Watts Foot Candles at different mounting heights in feet													
Beam	Field	Lumens	Lum/Watt	Candela	12	15	20	25	30	35	40	45	50
82	92	9,596	96.4	5,563	39	25	14	9	6	5	3	3	2
70	78	8,950	90.0	7,200	50	32	18	12	8	6	5	4	3
60	79	9,743	98.1	12,103	84	54	30	19	13	10	8	6	5
52	66	9,586	96.6	16,700	116	74	42	27	19	14	10	8	7
44	55	9,416	94.8	24,030	167	107	60	38	27	20	15	12	10
37	49	9,021	90.8	29,870	207	133	75	48	33	24	19	15	12
29	41	8,606	86.6	41,040	285	182	103	66	46	34	26	20	16
25	33	7,948	80.1	52,900	367	235	132	85	59	43	33	26	21

The Light Source Mini 4.5 Inch Fresnel 80 Watts Foot Candles at different mounting heights in feet										
Beam	Field	Lumens	Lum/Watt	Candela	10	12	14	16	18	
79	113	5,799	71.20	3,750	38	26	19	15	12	
77	107	5,694	70.00	3,930	39	27	20	15	12	
74	103	5,572	68.50	4,170	42	29	21	16	13	
71	98	5,418	66.60	4,400	44	31	22	17	14	
68	93	5,249	64.50	4,630	46	32	24	18	14	
66	89	5,037	61.90	4,870	49	34	25	19	15	
62	85	4,790	58.90	5,120	51	36	26	20	16	
59	80	4,516	55.50	5,340	53	37	27	21	16	
54	76	4,255	52.30	5,690	57	40	29	22	18	

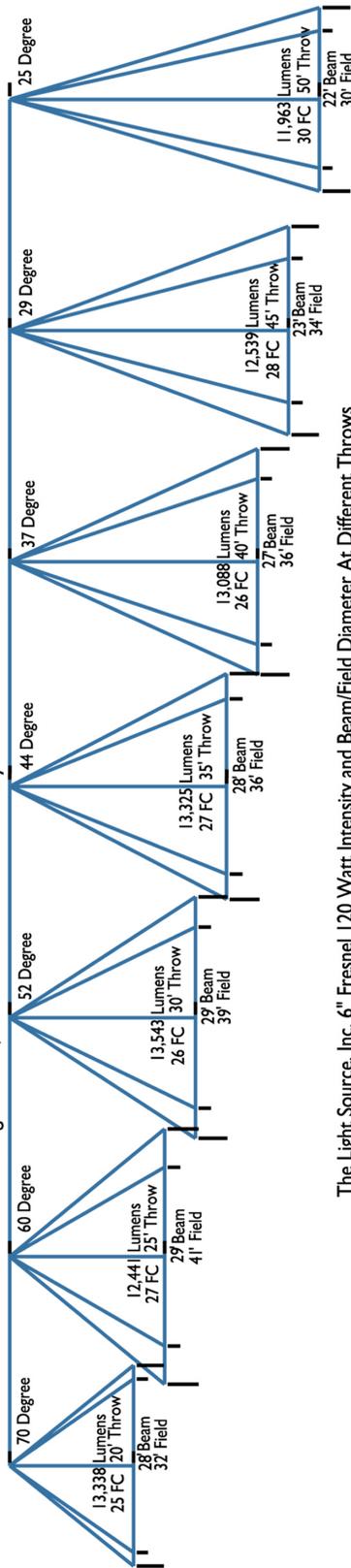
The Light Source Micro TIR lens 40 Watts Foot Candles at different mounting heights in feet									
Beam	Field	Lumens	Lum/Watt	Candela	6	8	10	12	
90	105	1,890	48.60	1,120	31	18			
64	90	2,344	60.40	2,580	72	40	26	18	

\*Highlighted numbers have beam angles shown on the diagram.

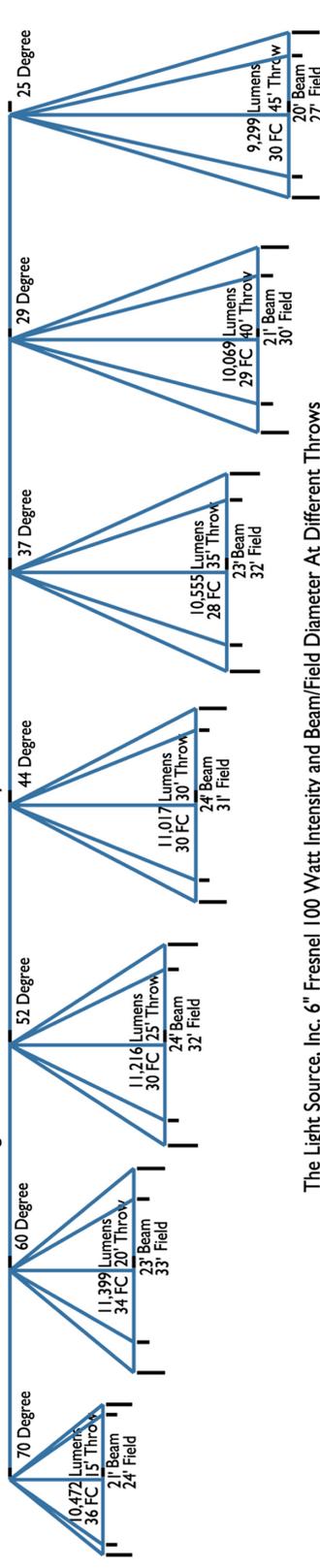


# The Light Source Photometrics Diagram

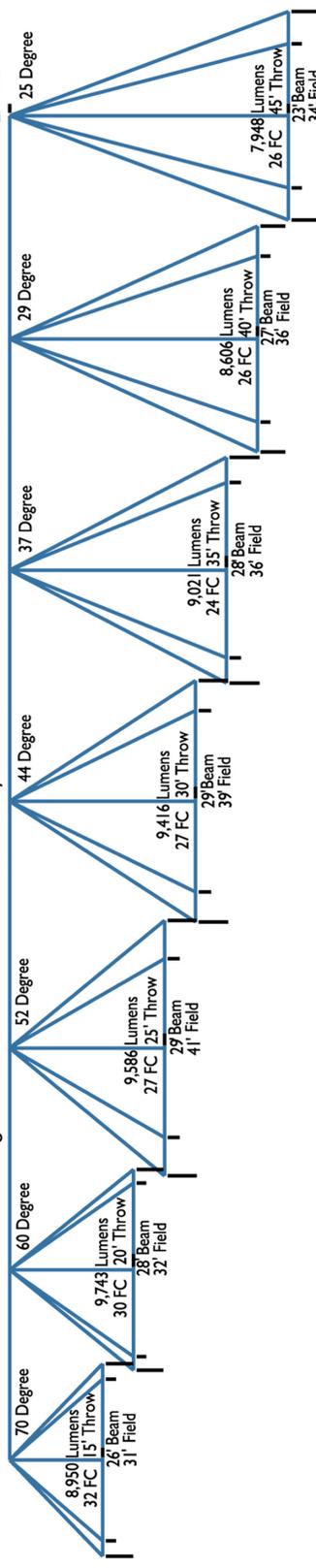
The Light Source, Inc. 6" Fresnel 150 Watt Intensity and Beam/Field Diameter At Different Throws



The Light Source, Inc. 6" Fresnel 120 Watt Intensity and Beam/Field Diameter At Different Throws



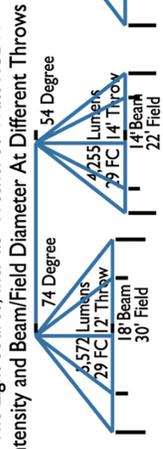
The Light Source, Inc. 6" Fresnel 100 Watt Intensity and Beam/Field Diameter At Different Throws



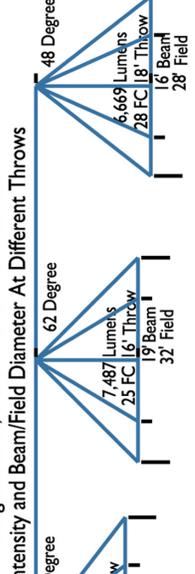
The Light Source, Inc. 40 Watt RGBW



The Light Source, Inc. 4.5" Fresnel 80 Watt RGBW



The Light Source, Inc. 6" Fresnel 120 Watt RGBW



# MEGABATTEN<sup>®</sup>

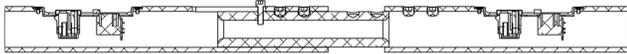


Power & Data in a Pipe

The patented MEGABATTEN<sup>®</sup> connector strip has wiring for both power and data inside schedule 80 aluminum pipe. Having the wiring inside the pipe creates a cleaner look and does away with time spent managing unsightly cables. Easily accessible 20-Amp Edison receptacles and 5 pin XLR outlets are spaced every 16". The MEGABATTEN<sup>®</sup> eliminates the need to run DMX from fixture to fixture and creates a quick and easy way to reposition lights. ETL listed with a 30-pound per linear foot loading, the MEGABATTEN<sup>®</sup> makes hanging light fixtures a breeze.



MEGABATTEN® in fully assembled splice position

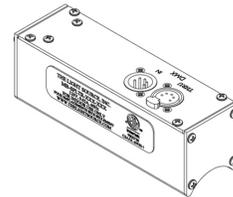


MEGABATTEN® extended for assembly

The patented MEGABATTEN® is constructed from 1-1/2" extra strong schedule 80 aluminum pipe in four standard sizes:

- 96" with six outlets
- 48" with three outlets
- 32" with two outlets
- 16" with one outlet

Lengths of 48 feet or less are recommended for ease of handling and installation. However, the MEGABATTEN's® ETL listing allows any length up to 100 feet long. 96" lengths are maximized in any configuration, with the shorter pieces added to the end to create the required length. All of the internal wiring is completed at the factory, making installation simple. The power and data wiring is continuous for the entire length of the strip. Internal splices slide out into the next section and are easily locked into place with four 1/2" socket set screws using a 1/4" hex driver.



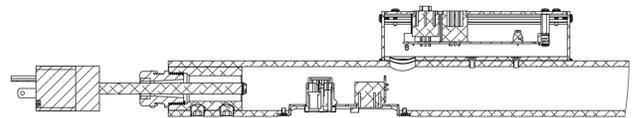
### The New DMX/RDM Splitter

The Light Source DMX splitter box has one input with three isolated outputs. DMX in and thru connectors as well as internal prewired DMX output connections are included. The splitter may be ordered with either 5 pin XLR or RJ45 connectors. Up to two additional splitter cards can be added to accommodate three universes. Each card has its own in and thru connectors. Adding splitter cards increases the length of the splitter box. To ensure DMX signal reliability, every MEGABATTEN® must have a fresh signal from the Light Source DMX splitter or an E-DMX node that is within five feet. The DMX splitter is powered by the MEGABATTEN's® first 120 Volt circuit. RDM compliant to Ansi E1.20-20 Remote Device Management Over DMX-512 Networks. The DMX input box is also available without the electronic DMX splitter, providing an input connector only.

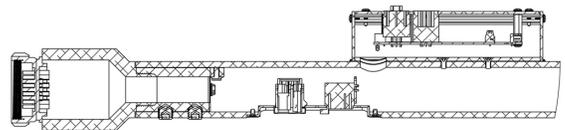
### MEGABATTEN® Features

- Up to 100' in length, built from 8', 4', 32", or 16" lengths with internal splices
- From 1 to 6 - 20A circuits
- Made from 1 1/2" schedule 80 aluminum pipe
- Power and data outlet plates on 16" centers
- Powder coated, available in matte black, eggshell white, or custom RAL colors
- DMX is connected to the MEGABATTEN® in the DMX/RDM splitter. The last plate of the DMX output is terminated.
- DMX output connectors available: 5 pin XLR, 3 pin XLR, RJ45
- Pre-wired at the factory for ease of installation
- The MEGABATTEN® is a connector strip in a pipe that is ETL listed to UL 1573
- Power Input Options:

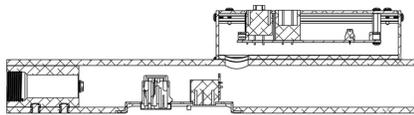
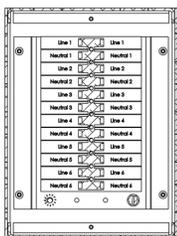
- Terminal box
- Extended internal conductors to run inside flex or conduit to building junction box
- 19 pin male circular Socopex type connector
- Standard Nema connectors on SO cable, 12/3, 12/4, 12/5



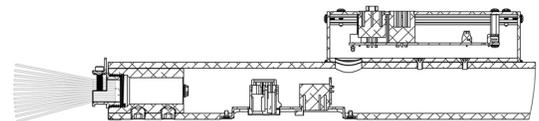
Standard NEMA connectors may be customer installed on SO cable for 1-3 circuits.



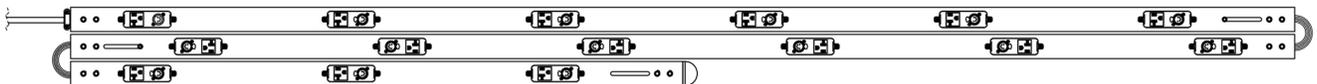
19 pin circular connector power input available



Terminal box for power input is installed on site and may be rotated as needed.



Internal conductors may be extended in customer supplied conduit to building junction box.



The MEGABATTEN® folds to eight foot lengths to save on shipping costs

# GYM LIGHT CAGE™



Ships flat to save on freight costs



Available with optional MEGABATTEN®

Protect your light fixture investment with The Light Source Gym Light Cage™. Ideal for multi-use facilities, the Gym Light Cage™ provides protection without blocking the light output. The Gym Light Cage™ is available with an optional MEGABATTEN® to provide power and data to fixtures. With its solid construction, the Gym Light Cage™ is built to provide years of use. Made in the USA.

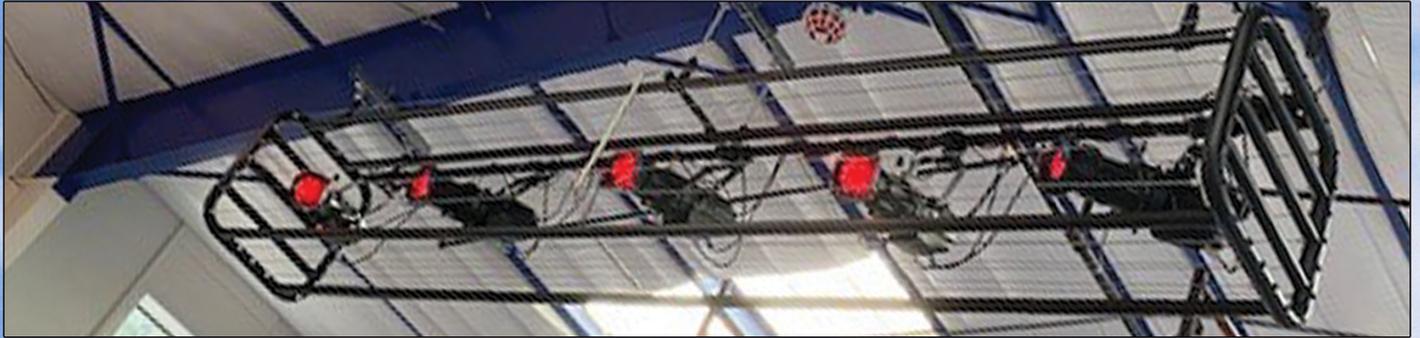
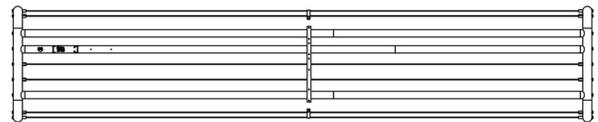
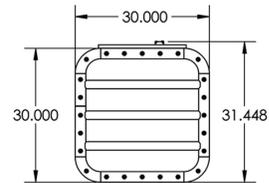
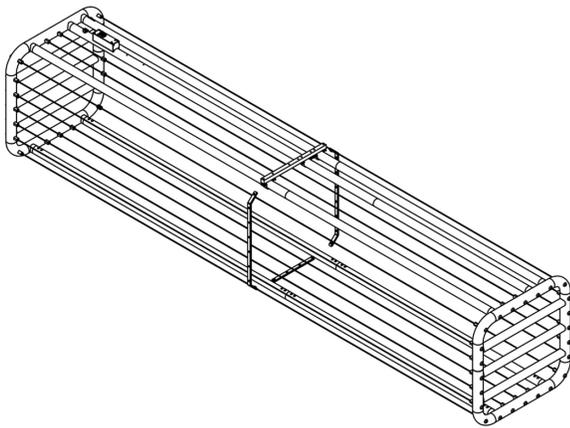


Photo Courtesy of Barbizon



Detail of MEGABATTEN®

### GYM LIGHT CAGE

An easy to assemble protective cage for performance lights which does not block light output.

Smooth, rounded structure with openings less than 5 inches

30" or 36" square end sections are formed from 2" schedule 40 pipe (2.375 OD). The ends are connected by four 1-1/2" schedule 80 pipe sections. A fifth pipe is provided for hanging fixtures.

Gym Light Cages with 30" end sections have 19 pre-terminated 1/8" aircraft cables which connect to pairs of internally threaded posts. Cages with 36" end sections have 27 cables. Stiffeners for the cable are provided for lengths over 118".

Economical shipping. Ships flat, saving hundreds of dollars in freight charges. One package contains the straight pipes. The second contains the two end pieces, cable assemblies, and hardware.

Part Number: Example GLC30-70B

GYM LIGHT CAGE	LENGTH in Inches	COLOR
GLC30	54	B Black, Powder Coat
GLC36	70	WM White Matte, Powder Coat
	86	M Silver (Aluminum Finish)
	102	C Custom Color
	118	
	134	
	150	
	166	
	182	
	198	

### GYM LIGHT CAGE With MEGABATTEN®

The MEGABATTEN® has a 20 Amp Edison outlet and a 5 pin XLR every 16 inches. It has one 20 Amp circuit for lengths less than 102 inches and two alternating 20 Amp circuits for lengths of 102 inches and longer.

The MEGABATTEN® has 12 foot leads for connecting to the building junction box through customer supplied metallic flex conduit.

The MEGABATTEN® can replace any of the aircraft cables or pipes.

Number of outlets per length of Gym Light Cage:

3	54"	8	134"
4	70"	9	150"
5	86"	10	166"
6	102"	11	182"
7	118"	12	198"

Part Number: Example GLC30MB-70B

GYM LIGHT CAGE with MEGABATTEN®	LENGTH in Inches	COLOR
GLC30MB	54	B Black, Powder Coat
GLC36MB	70	WM White Matte, Powder Coat
	86	M Silver (Aluminum Finish)
	102	C Custom Color
	118	
	134	
	150	
	166	
	182	
	198	



## CATALOG NUMBERS

Fixture Series		Input Wattage	Finish	Beam Angle		Color T.	Power Connection	
HL	Pendant Light	40 40W (Micro)	B Black	20	20° 6" Fresnel Lens	27 2700 K	C	Conduit (100V - 277V) (HL, MP, MICP, or SM Only)
MP	Mini Pendant	80 80W (Mini)	W White	25	25° 6" Fresnel Lens	30 3000 K	D	DivCon (100V - 277V) (HL, MP, MICP, or SM Only)
MICP	Micro Pendant	100 100W	C Custom	29	29° 6" Fresnel Lens	35 3500 K	P	PowerCon Input (100V - 250V) (Not Recessed or UL)
RL	Recessed Light	120 120W		37	37° 6" Fresnel Lens	40 4000 K	R	Romex Clamp (100V - 277V) (Not MF or Recessed)
MR	Mini Recessed	150 150W*		44	44° 6" Fresnel Lens	50 5000 K	W	Wire Whip (100V - 277V) (Not MF or Recessed)
MICR	Micro Recessed			52	52° 6" Fresnel Lens	56 5600 K	PP	PowerCon Input / Output (100V - 250V) (Not Recessed, SM)
SM	Surface Mount	*Non RGB		60	60° 6" Fresnel Lens		TT	PowerCon TrueI (Not HL, MF, RD, SM, UL, WL, Recessed)
RD	Remote Driver			70	70° 6" Fresnel Lens		E	120V Thermal Sensor (Recessed Only)
WL	Work Light			82	82° 6" Fresnel Lens		F	208V Thermal Sensor (Recessed Only)
UL	Utility Light			48	48° 6" Fresnel Lens - 6" RGB		H	240V Thermal Sensor (Recessed Only)
MF6F	Mega Fresnel 6" Fixed			62	62° 6" Fresnel Lens - 6" RGB		I	277V Thermal Sensor (Recessed Only)
CL	Custom Light Insert			75	75° 6" Fresnel Lens - 6" RGB		J	Junction Box (100V - 277V) SM Only
				1Z	Zoom Lens-4.5" 54°-79° (Mini)			
				90	90° TIR Lens (Micro)			
				64	64° TIR Lens (Micro)			

Data Connection		Fixture Support		LED Module		Recessed Slope	
D	DivCon (Pendant and SM)	2	2x2' Drop Ceiling (Recessed)	(Blank)	White Only	NSL	None (Blank)
I	IDC Plug on Header (not MF, UL)	C	1/2" Rigid Conduit (Pendant, SM)	E	90 CRI	SL	Custom Slope
J	External RJ-45	D	DivCon (Pendant, SM)	RGB	RGB-W		
N	Non Dimmable / No DMX	J	Junction Box				
T	Screw Terminal Plug (not MF, UL)	K	1/8" Wire Rope (Pendant, SM)				
W	Wireless Lumen Radio	M	Mega Clamp (Not Recessed)				
X	External 5-pin XLR	P	Purlin Clamp (Not Recessed)				
Z	External 3-pin XLR	R	Recessed				
		S	Stand Adapter (Not Recessed)				
		T	Trunion Mounted (RD, SM Only)				
		U	1/2"-13 Adapter Post (Pendants, SM, UL, WL)				
		V	3/8"-16 Adapter Post (Pendants, SM, UL, WL)				

The Light Source's 63,000 square foot manufacturing facility in Charlotte, North Carolina

