



DesignLights Consortium® Qualified. Please go to www.designlights.org for the current Qualified Products List. Further details about qualified models may be found under Family Models.

Catalog Number	
Project	Type

FEATURES & SPECIFICATIONS

APPLICATION — The high performance luminaire is designed for cutoff applications where long life, low maintenance, and consistent color rendering is required. Areas with limited accessibility due to fixture location or where heavy pedestrian traffic makes maintenance difficult are ideal applications such as building facade lighting or wall mounted security lighting.

CONSTRUCTION — The heavy duty housing is constructed of extruded aluminum. The optical assemblies are sealed in place using a silicone gasket for weather tight protection. Modular LED bricks wired in parallel for ease of maintenance. ETL listed for wet locations (IP64). Additional IP66 rating available upon request.

FINISH — A Super Durable Polyester powder coat finish is electrostatically applied in our state of the art paint facility. Standard colors available: Black, Bronze, US Green, White. Custom colors available upon request.

OPTICAL SYSTEM — Made with a state of the art UV stabilized acrylic high performance refractive optical assemblies that use high transmissivity materials to achieve precise photometric distributions. Available in Type II, III and IV beam configurations.

ELECTRICAL SYSTEM — Available in up to a 3 brick LED system in 5000K Cool White (+/- 500K) or 4100K Neutral White color temperatures (70 CRI min.) propagated with Philips Lumileds LUXEON® T LED's or Osram equivalent. Available with 90-300V 50/60 Hz Class II power supply. LED's rated over 355,000 hours (TM21 Calculated L70) at 25°C ambient temperature with selectable 700mA, 1050mA and 1400mA operation. Lumen Maintenance >97% at 50K hrs. 347V and 480V input options available. Standard 0-10V dimming. Fixture provided with integral 10kV surge protection that meets IEEE C62.42.2-2002. Built-in Active PFC Function. LED Power Supply conforms to UL1310 Class 2 and UL8750 standards and is IP67 rated for wet locations.

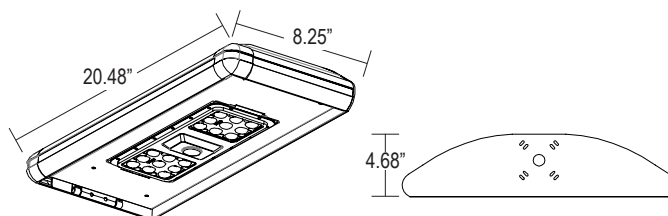
MOUNTING — The fixture can be surface mounted over a standard 4" box (provided by others) using the pre-set mounting holes Mounting hardware provided by others..

LISTINGS — LED Power Supply listed for wet locations (IP67). LED bricks ETL listed for wet locations (IP64). Meets US and Canadian safety standards. -40°C to 50°C ambient operation. RoHS Compliant.

WARRANTY — The complete luminaire is covered by a 5-year limited warranty.



Saber LED Wall Pack LSBJ SERIES



Dimensions shown are for 1 Brick Unit Only.

Series	Housing Height	Length & Width
LSBJ	4.68"	8.25" x 20.48"

ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

Example: **LSBJ3C8T5WD1-BZ**

LSBJ

Series	# of Bricks	Color Temp	# LED's per Brick	Optics	Drive Current	Voltage	Finish
LSBJ	1 1 Brick 2 2 Brick 3 3 Brick	C Cool White (5000K) N Neutral White (4100K)	8 18 LED	T2 Type II T3 Type III T4 Type IV	C 700mA Driver D 1050mA Driver F 1400mA Driver	1 Multi-Volt ¹ 2 480V 3 347V	BK Black BZ Bronze GR US Green WH White SP Special ²

Accessories (Order as separate line items)

BSP3-277-LC³	10kV Surge Suppressor
IP66⁴	Additional IP66 Fixture Rating
LEDOPTIC-W	Spill Light Elimination
LEDOPTIC-B	Spill Light Elimination "Black Out"
LOKTAB	Tamper Resistant LED Brick Locking Tabs (12)

NOTES

- Multi-Volt is an auto ranging power supply from 90V to 300V input.
- Custom RAL color matching is available. Contact your Techlight sales representative for additional information.
- Specify whether the surge suppressor is to be factory installed in the fixture or field installed on each circuit.
- Additional IP66 rating may not be changed once production has begun on the fixtures.

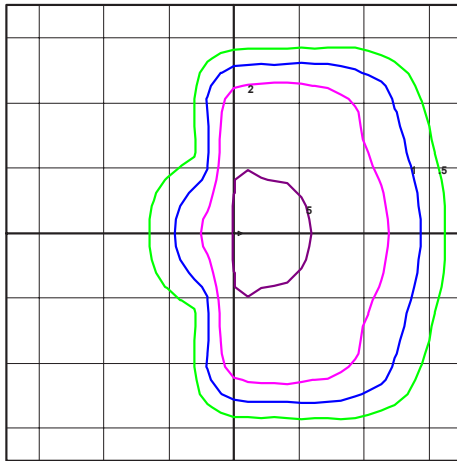
LSBJ Saber LED Wall Pack

PHOTOMETRICS

IES INDOOR REPORT PHOTOMETRIC FILE NAME: LSBJ3C8T3D1

Type III Optical Assembly
3 Brick, 1050mA, Cool
White

183W LSBJ LED Wall Pack
Color Temperature: 5,000 K

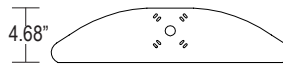
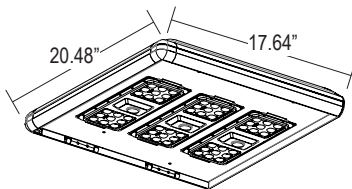


TECHLIGHT
LSBJ3C8T3D1
LED COOL WHITE LUXEON T (1050mA)

Horizontal Footcandles
Scale: 1 Inch = 15 Ft.
Light Loss Factor = 1.00
Lumens Per Lamp = N.A. (absolute photometry)
Luminaire Lumens = 12940
Mounting Height = 15.00 Ft
Maximum Calculated Value = 6.92 Ft
Arrangement: Single

ADDITIONAL FIXTURE DIMENSIONS

Dimensions for 2 & 3 Brick Unit



LUMINAIRE CHARACTERISTICS

Cool White (5000K) 700 mA Drive Current

# of LED Bricks	# of LEDs per Brick	Color Temp	Delivered Lumens						System Wattage	L70 @ 25°C	Amperage Draw					
			TYPE II	TYPE III	TYPE IV	TYPE 4A	TYPE 5M	TYPE 5W			120V	208V	240V	277V	347V	480V
1 BRICK	18	CW	4056	3993	4041	3992	4014	4065	41	>495K	0.35 A	0.21 A	0.18 A	0.16 A	0.13 A	0.09 A
2 BRICK	18	CW	8111	7987	8081	7983	8027	8130	81	>495K	0.70 A	0.41 A	0.35 A	0.31 A	0.25 A	0.18 A
3 BRICK	18	CW	12167	11980	12122	11975	12041	12195	122	>495K	1.05 A	0.61 A	0.53 A	0.46 A	0.37 A	0.27 A

Cool White (5000K) 1050 mA Drive Current

# of LED Bricks	# of LEDs per Brick	Color Temp	Delivered Lumens						System Wattage	L70 @ 25°C	Amperage Draw					
			TYPE II	TYPE III	TYPE IV	TYPE 4A	TYPE 5M	TYPE 5W			120V	208V	240V	277V	347V	480V
1 BRICK	18	CW	5505	5421	5484	5505	5448	5518	61	>425K	0.53 A	0.31 A	0.27 A	0.23 A	0.19 A	0.14 A
2 BRICK	18	CW	11010	10841	10969	11010	10896	11035	122	>425K	1.05 A	0.61 A	0.53 A	0.46 A	0.37 A	0.27 A
3 BRICK	18	CW	16514	16262	16453	16515	16343	16553	183	>425K	1.58 A	0.91 A	0.79 A	0.69 A	0.55 A	0.40 A

Cool White (5000K) 1400 mA Drive Current

# of LED Bricks	# of LEDs per Brick	Color Temp	Delivered Lumens						System Wattage	L70 @ 25°C	Amperage Draw					
			TYPE II	TYPE III	TYPE IV	TYPE 4A	TYPE 5M	TYPE 5W			120V	208V	240V	277V	347V	480V
1 BRICK	18	CW	7932	7813	7908	7946	7859	7948	86	>355K	0.72 A	0.42 A	0.36 A	0.32 A	0.25 A	0.18 A
2 BRICK	18	CW	15864	15626	15816	15892	15718	15896	172	>355K	1.44 A	0.83 A	0.72 A	0.63 A	0.50 A	0.36 A
3 BRICK	18	CW	23796	23439	23724	23838	23577	23844	258	>355K	2.15 A	1.25 A	1.08 A	0.94 A	0.75 A	0.54 A

Neutral White (4100K) 700 mA Drive Current

# of LED Bricks	# of LEDs per Brick	Color Temp	Delivered Lumens						System Wattage	L70 @ 25°C	Amperage Draw					
			TYPE II	TYPE III	TYPE IV	TYPE 4A	TYPE 5M	TYPE 5W			120V	208V	240V	277V	347V	480V
1 BRICK	18	NW	3969	3908	3954	3906	3928	3978	41	>495K	.35 A	.20 A	.18 A	.15 A	.12 A	.09 A
2 BRICK	18	NW	7938	7816	7908	7813	7855	7956	81	>495K	.68 A	.39 A	.34 A	.30 A	.24 A	.17 A
3 BRICK	18	NW	11906	11724	11862	11719	11783	11934	122	>495K	1.02 A	.59 A	.51 A	.45 A	.36 A	.26 A

Neutral White (4100K) 1050 mA Drive Current

# of LED Bricks	# of LEDs per Brick	Color Temp	Delivered Lumens						System Wattage	L70 @ 25°C	Amperage Draw					
			TYPE II	TYPE III	TYPE IV	TYPE 4A	TYPE 5M	TYPE 5W			120V	208V	240V	277V	347V	480V
1 BRICK	18	NW	5387	5305	5367	5302	5331	5400	61	>425K	.51 A	.30 A	.26 A	.23 A	.18 A	.13 A
2 BRICK	18	NW	10774	10609	10734	10604	10662	10799	122	>425K	1.02 A	.59 A	.51 A	.45 A	.36 A	.26 A
3 BRICK	18	NW	16161	15914	16101	15907	15994	16199	183	>425K	1.53 A	.88 A	.77 A	.67 A	.53 A	.39 A

Neutral White (4100K) 1400 mA Drive Current

# of LED Bricks	# of LEDs per Brick	Color Temp	Delivered Lumens						System Wattage	L70 @ 25°C	Amperage Draw					
			TYPE II	TYPE III	TYPE IV	TYPE 4A	TYPE 5M	TYPE 5W			120V	208V	240V	277V	347V	480V
1 BRICK	18	NW	6463	6362	6439	6370	6399	6473	87	>355K	.73 A	.42 A	.37 A	.32 A	.26 A	.19 A
2 BRICK	18	NW	12926	12725	12879	12739	12798	12945	174	>355K	1.45 A	.84 A	.73 A	.63 A	.51 A	.37 A
3 BRICK	18	NW	19391	19087	19317	19110	19201	19421	261	>355K	2.18 A	1.26 A	1.09 A	.95 A	.76 A	.55 A

WARNING: Maintenance performed including the replacement of LED bricks while power is still supplied to the luminaire may result in system failures and will void the warranty.



Techlight, Inc.
 2707 Satsuma Drive
 Dallas, TX, 75229
 Phone: 214-350-0591, 800-225-0727, Fax: 214-350-9137
www.techlight.com