



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).

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 transmittivity materials to achieve precise photometric distributions. Available in Type II, III, IV, V Medium and V Wide beam configurations.

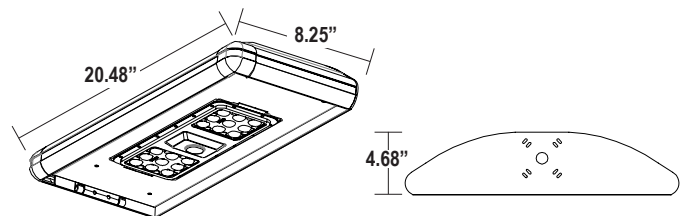
ELECTRICAL SYSTEM — Available in up to a 3 brick LED system in 5000K Cool White (+/- 500K) or 4100K Neutral White color temperatures propagated with Philips Lumileds LUXEON® Rebel LED's. Available with 90-300V 50/60 Hz Class II power supply. LED's rated up to 78,000 (B50 L70) hours for 850 mA operation and 103,000 (B50 L70) for 630 mA operation at 25°C ambient temperature. 480V input option available. Optional 0-10V dimming. Built-in surge protection up to 10 kV. Thermal protection is provided in the form of a dimming thermal foldback until fixture reverts back to the optimal operating temperature.

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

LISTINGS — ETL listed for wet locations (IP64). Meets US and Canadian safety standards. -40°C to 50°C ambient operation.



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: **LSBJ3C8T5WB1-BZ**
DIM

LSBJ

Series	# of Bricks	Color Temp	# LED's	Optics	Drive Current	Voltage	Finish
LSBJ	1 1 Brick 2 2 Brick 3 3 Brick	C Cool White (5000K) N Neutral White (4100K)	2 LED 18 LED	T2 Type II T3 Type III T4 Type IV T5M Type V Medium T5W Type V Wide	A 630mA Driver B 850mA 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)

DIM	Additional Input Ports for 0-10V Dimming
IP66	Additional IP66 Fixture Rating

NOTES

- 1 Multi-Volt is an auto ranging power supply from 90V to 300V input.
- 2 Custom RAL color matching is available. Contact your Techlight sale representative for additional information.

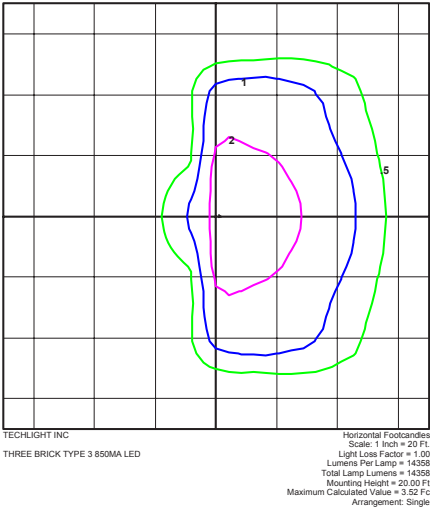
LSBJ Saber LED Wall Pack

PHOTOMETRICS

IES INDOOR REPORT
PHOTOMETRIC FILE
NAME: **LSBJ3C8T3B1**

Type III Optical Assembly
850mA, Cool White

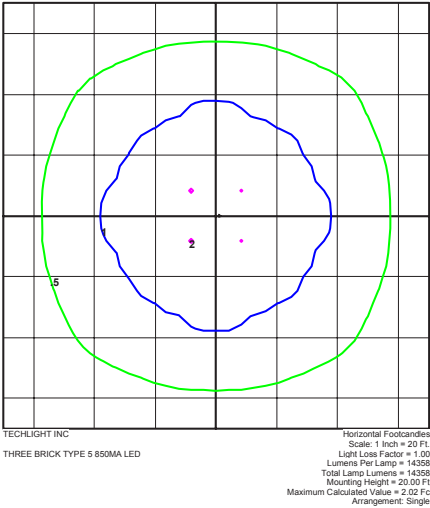
49W LSBJ LED Wall Pack
Color Temperature: 5,000 K



IES INDOOR REPORT
PHOTOMETRIC
FILE NAME:
LSBJ3C8T5WB1

Type V Wide Optical
Assembly
850mA, Cool White

49W LSBJ LED Wall Pack
Color Temperature: 5,000 K



BUG RATINGS (BACKLIGHT, UPLIGHT AND GLARE)

Optic Type	BUG Ratings		
	B (Backlight)	U (Uplight)	G (Glare)
Type II (T2)	1	0	1
Type III (T3)	1	0	1
Type IV (T4)	1	0	1
Type V Medium (T5M)	2	0	1
Type V Wide (T5W)	3	0	1

LSBJ Saber LED Wall Pack

LUMINAIRE CHARACTERISTICS

Cool White (5000K) 630 mA Drive Current

# of LED Bricks	# of LEDs per Brick	Color Temp	Delivered Lumens					System Wattage	B50 L70 @ 25°C	Amperage Draw					
			TYPE II	TYPE III	TYPE IV	TYPE 5M	TYPE 5W			120V	208V	240V	277V	347V	480V
1 BRICK	12	CW	1958	2468	2470	2476	2443	28W	103K	.24 A	.14 A	.12 A	.11 A	.09 A	.07 A
	18	CW	2915	3674	3677	3687	3637	41W	103K	.35 A	.20 A	.18 A	.15 A	.14 A	.10 A
2 BRICK	12	CW	3916	4936	4940	4953	4885	55W	103K	.46 A	.27 A	.23 A	.20 A	.18 A	.13 A
	18	CW	5831	7349	7355	7374	7273	82W	103K	.69 A	.40 A	.35 A	.30 A	.27 A	.19 A
3 BRICK	12	CW	5874	7404	7410	7429	7328	82W	103K	.69 A	.40 A	.35 A	.30 A	.27 A	.19 A
	18	CW	8746	11023	11032	11061	10910	123W	103K	1.03 A	.60 A	.52 A	.45 A	.40 A	.29 A

Cool White (5000K) 850 mA Drive Current

# of LED Bricks	# of LEDs per Brick	Color Temp	Delivered Lumens					System Wattage	B50 L70 @ 25°C	Amperage Draw					
			TYPE II	TYPE III	TYPE IV	TYPE 5M	TYPE 5W			120V	208V	240V	277V	347V	480V
1 BRICK	12	CW	2463	3104	3107	3115	3072	33W	78K	.28 A	.16 A	.14 A	.12 A	.11 A	.08 A
	18	CW	3645	4594	4598	4610	4547	49W	78K	.41 A	.24 A	.21 A	.18 A	.16 A	.12 A
2 BRICK	12	CW	4926	6208	6214	6230	6145	65W	78K	.55 A	.32 A	.28 A	.24 A	.21 A	.16 A
	18	CW	7290	9188	9196	9220	9094	98W	78K	.82 A	.48 A	.41 A	.36 A	.32 A	.23 A
3 BRICK	12	CW	7389	9312	9321	9345	9217	98W	78K	.82 A	.48 A	.41 A	.36 A	.32 A	.23 A
	18	CW	10935	13782	13794	13830	13641	147W	78K	1.23 A	.71 A	.62 A	.53 A	.48 A	.35 A

Neutral White (4100K) 630 mA Drive Current

# of LED Bricks	# of LEDs per Brick	Color Temp	Delivered Lumens					System Wattage	B50 L70 @ 25°C	Amperage Draw					
			TYPE II	TYPE III	TYPE IV	TYPE 5M	TYPE 5W			120V	208V	240V	277V	347V	480V
1 BRICK	12	NW	1886	2377	2379	2385	2352	28W	103K	.24 A	.14 A	.12 A	.11 A	.09 A	.07 A
	18	NW	2807	3538	3541	3551	3502	41W	103K	.35 A	.20 A	.18 A	.15 A	.14 A	.10 A
2 BRICK	12	NW	3771	4753	4757	4770	4705	55W	103K	.46 A	.27 A	.23 A	.20 A	.18 A	.13 A
	18	NW	5615	7077	7083	7101	7004	82W	103K	.69 A	.40 A	.35 A	.30 A	.27 A	.19 A
3 BRICK	12	NW	5657	7130	7136	7155	7057	82W	103K	.69 A	.40 A	.35 A	.30 A	.27 A	.19 A
	18	NW	8422	10615	10624	10652	10506	123W	103K	1.03 A	.60 A	.52 A	.45 A	.40 A	.29 A

Neutral White (4100K) 850 mA Drive Current

# of LED Bricks	# of LEDs per Brick	Color Temp	Delivered Lumens					System Wattage	B50 L70 @ 25°C	Amperage Draw					
			TYPE II	TYPE III	TYPE IV	TYPE 5M	TYPE 5W			120V	208V	240V	277V	347V	480V
1 BRICK	12	NW	2372	2989	2992	3000	2959	33W	78K	.28 A	.16 A	.14 A	.12 A	.11 A	.08 A
	18	NW	3510	4424	4428	4439	4379	49W	78K	.41 A	.24 A	.21 A	.18 A	.16 A	.12 A
2 BRICK	12	NW	4744	5979	5984	5999	5917	65W	78K	.55 A	.32 A	.28 A	.24 A	.21 A	.16 A
	18	NW	7020	8848	8856	8879	8758	98W	78K	.82 A	.48 A	.41 A	.36 A	.32 A	.23 A
3 BRICK	12	NW	7115	8968	8976	8999	8876	98W	78K	.82 A	.48 A	.41 A	.36 A	.32 A	.23 A
	18	NW	10530	13272	13284	13318	13136	147W	78K	1.23 A	.71 A	.62 A	.53 A	.48 A	.35 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.

