

LSBX | Rosetta-II

Product Data Sheet

COMMERCIAL-GRADE

Area Light | Rugged Environments

100W – 350W

Product Overview

The luxo^{ARCH} LED Rosetta-II area light shoebox luminaire is constructed of rugged one-piece die-cast aluminum housing, optimized for protection against moisture and environmental contaminants and engineered for efficient product maintenance.

ARCHIPELAGO warrants the Rosetta-II shall be free from defects in materials and workmanship for a period of 10-Year, 100,000hr from the date of delivery to the enduser, including coverage of light output, color stability, and driver performance.

ARCHIPELAGO LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Product Warranty*



10-Year Warranty



100,000 Hrs

* Standard materials warranty.

Applications



Parking Lots



Facade Lighting



Roadways



General Public

Main Features

- Low Profile, Rugged One-Piece Die Cast Aluminum Housing
- 3G Vibration Rated Compact Design Minimizes Wind Load Requirements
- 100,000hr LED Lifespan Based on IES LM-80 and TM-21 Calculations
- Optional Finish is Available in Black, Dark Bronze, Silver, or White
- Dark Sky Conforming Optics Available in IES Type III, IV, or V
- Scalable Lumen Packages Replacing Up To 1000W MH
- Optional Photocell and Occupancy Sensors Available



250W | 300W | 350W

100W | 150W | 200W

Project Details

Project Name:

Fixture Schedule:

Project Number:

Notes:

Model Specifications

Model	Watt (W)	Lumens (LM)	Voltage (V)	CCT	Replaces
LSBX100	100W	14,900LM	120-277Vac 347-480Vac	4000K 5000K	320W MH
LSBX150	150W	21,000LM	120-277Vac 347-480Vac	4000K 5000K	400W MH
LSBX200	200W	27,000LM	120-277Vac 347-480Vac	4000K 5000K	500W MH
LSBX250	250W	36,000LM	120-277Vac 347-480Vac	4000K 5000K	750W MH
LSBX300	300W	42,000LM	120-277Vac 347-480Vac	4000K 5000K	1000W MH
LSBX350	350W	51,100LM	120-277Vac 347-480Vac	4000K 5000K	1000W MH

Key Specifications

- **Housing:** Thermally conductive rugged one-piece die cast aluminum
- **Operating Temp:** -40°F – 115°F
- **Input Voltage:** 120-277Vac or 347-480Vac
- **IP:** UL Wet Location Listed
- **PF:** >0.9 Non-Flicker
- **Efficacy:** 140LM/W
- **Dimming:** 1-10V
- **THD:** <20%
- **CRI:** >70

Certifications



Ordering Guide

Model Series	Watt (W)	CCT (K)	Voltage	Finish	Distribution	Mount	Motion Sensor (PIR)	Photocell
LSBX LED Shoobox	100 100W	-40R2 4000K	-U 120-277V -H 347-480V	D Dark Bronze B Black W White S Silver	3 Type III 4 Type IV 5 Type V	-RF 360° Pivot -RSF Slip-Fitter -RRS Pole -RTN Trunnion -RWM Wall Mount -RYK Yoke	Blank None -M1H <277V -M3 >347V	Blank None -MU3 <277V -MU7 7-Pin -MH3 480V 3-Pin
	150 150W	-50R2 5000K						
	250 250W							
	300 300W							

Ordering number example:

Choose your model specifications:

LSBX150-50R2-UD3-RSF-M1H	LSBX			R2					
Please place dashes (-) in correct order.	Model Series	Watt	CCT	Product Series	Voltage	Finish	Distribution	Sensor (Optional)	Photocell (Optional)

Archipelago Lighting, Inc.

| **Headquarter:** 4615 State Street, Montclair, CA 91763| **USA Production:** 9345 Sycamore Canyon Blvd, Riverside, CA 92508

Contact Us

www.archipelagolighting.com

+1 (866) 912-3220

Housing

Features a compact, one-piece die-cast housing, saving costs versus models that are extruded or case and require additional parts. The heat sink is included in the actual casting, further minimizing the need for additional parts

Photocell Sensor Control
Optional twist-lock photo-control


Standard Arm Mounts

Available in slip-fitter, pole mount, yoke, wall mount, or 360° pivot arm, the design features an integral arm, increasing strength and simplifying installation. Optional mounting options adhere to standard sizings to simplify installation

Photometry

Optional Type III, IV, and V

PIR Sensor

Optional PIR sensor allows for security and energy savings. Fulfills CEC T.24 requirements in California


Finish Options

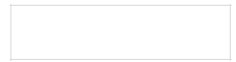

Dark Bronze



Black



Silver



White

Mount Options


Slip-Fitter



Pole Mount



Trunnion



Wall Mount



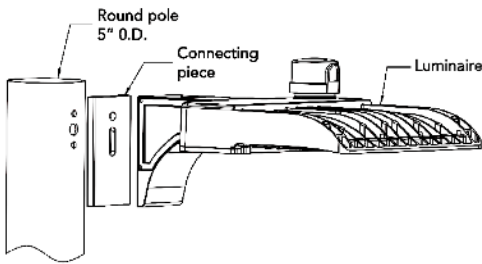
Yoke



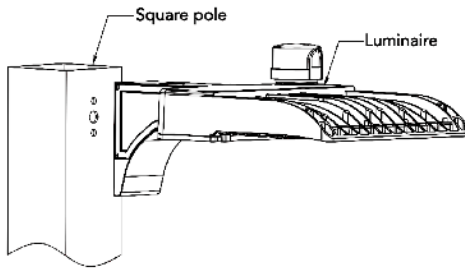
360° Pivot Arm

Mounting Dimensions

Round Pole

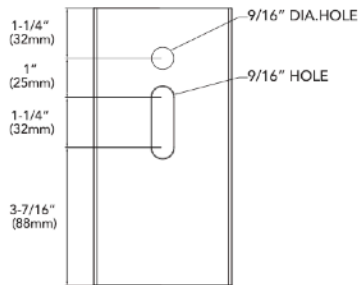


Square Pole



Drilling Template

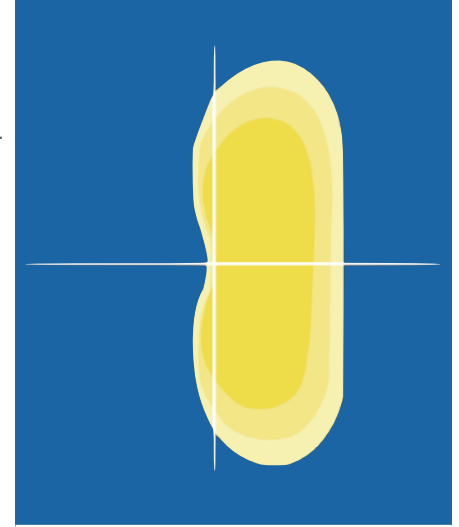
Drilling Template



Photometric

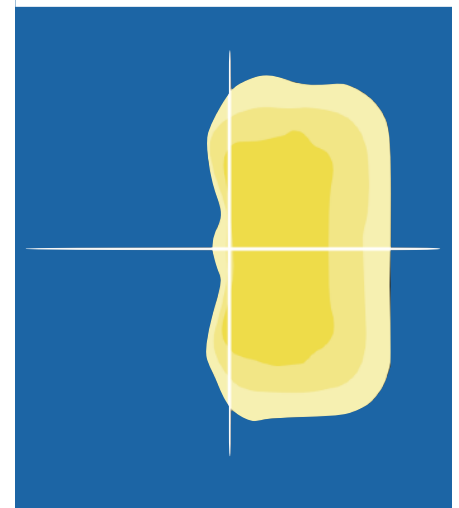
Type III

Type III optics produces an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back-to-back configuration, it creates a rectangular pattern which can extend pole spacings.



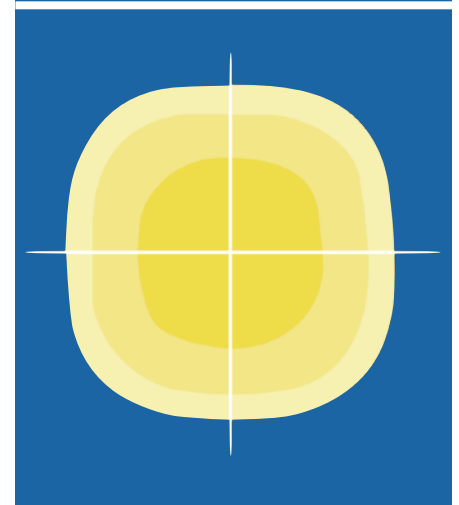
Type IV

Type IV is suitable for applications where light is primarily required to forward with minimal backlight. Typical installations include perimeter poles.



Type V

Type V optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire. Type V luminaires provides utility for most area lighting applications.



Sizing & Measurements

Watt		Slip-Fitter	Pole Mount	Wall Mount
100W 150W 200W	L (in)	24.26	22.23	22.46
	W (in)	12.99	12.99	12.99
	D (in)	3.15	6.97	7.99
	Net Weight (lb)	16.31	15.78	18.34
250W 300W 350W	L (in)	21.80	17.62	17.43
	W (in)	11.69	11.69	11.69
	D (in)	3.35	7.99	6.97
	Net Weight (lb)	24.52	24.10	26.96

Area Lighting EPA

Watt	1	2 @ 90°	2 @ 120°	2 @ 180°	3 @ 90°	3 @ 120°	4 @ 90°
100W 150W 200W	0.4418	0.7145	0.8813	0.8836	1.0548	1.0135	1.0548
250W 300W 350W	0.5614	0.8471	1.105	1.1228	1.294	1.2503	1.294



Physical Features

Heavy Duty Construction	<ul style="list-style-type: none"> Engineered with heavy-duty cast aluminum housing that is completely sealed against moisture and environmental contaminants. Features a single-latch removable door for quick-access to driver components 3G vibration rated for harsh environmental applications
Advanced Optics	<ul style="list-style-type: none"> Outstanding versatility in Type-III, IV, and V IES distributions Optics conforms to dark sky requirements and maximizes efficiency and installation spacing
Robust Electronics	<ul style="list-style-type: none"> The driver is rack-mounted to the aluminum housing for optimal heat sinking The driver is rack-mounted to the aluminum housing for optimal heat sinking 1-10V dimming is standard with optional 10kV/10kA common-/differential-mode surge protection Meets DLC Premium certification requirements
Lifespan	<ul style="list-style-type: none"> 100,000hr LED Lifespan Based on IES LM-80 and TM-21 Calculations Industry leading 10-Year, 100,000hr warranty

DLC Model Guide

Product ID*	Model No.**	Lumen	Efficacy	CCT	THD	PF
S-BL6FWQ	LSBX100-40-[U,H][D,B,W,SG]3-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	14200	142	4000	15%	0.9
S-JI5SC7	LSBX100-40-[U,H][D,B,W,SG]4-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	14200	142	4000	15%	0.9
S-PHKAGV	LSBX100-40-[U,H][D,B,W,SG]5[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	14800	148	4000	15%	0.9
S-2HL8CD	LSBX100-50-[U,H][D,B,W,SG]3-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	14200	142	5000	15%	0.9
S-RJC8PA	LSBX100-50-[U,H][D,B,W,SG]4-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	14200	142	5000	15%	0.9
S-KLJ5DC	LSBX100-50-[U,H][D,B,W,SG]5-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	14800	148	5000	15%	0.9
S-4Y37KA	LSBX150-40-[U,H][D,B,W,SG]3-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	21200	141	4000	15%	0.9
S-Z10PGN	LSBX150-40-[U,H][D,B,W,SG]4-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	21200	141	4000	15%	0.9
S-G4M7HV	LSBX150-40-[U,H][D,B,W,SG]5[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	22200	148	4000	15%	0.9
S-HL7159	LSBX150-50-[U,H][D,B,W,SG]3-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	21200	141	5000	15%	0.9
S-ATI0GY	LSBX150-50-[U,H][D,B,W,SG]4-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	21200	141	5000	15%	0.9
S-LKUF4E	LSBX150-50-[U,H][D,B,W,SG]5-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	22200	148	5000	15%	0.9
S-DB6QJ3	LSBX200-40-[U,H][D,B,W,SG]3-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	28000	140	4000	15%	0.9
S-E8SBR0	LSBX200-40-[U,H][D,B,W,SG]4-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	28000	140	4000	15%	0.9
S-FQ74DV	LSBX200-40-[U,H][D,B,W,SG]5[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	28800	144	4000	15%	0.9
S-9UIFWX	LSBX200-50-[U,H][D,B,W,SG]3-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	28000	140	5000	15%	0.9
S-CROYSU	LSBX200-50-[U,H][D,B,W,SG]4-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	28000	140	5000	15%	0.9















DLC Model Guide, continued

Product ID*	Model No.**	Lumen	Efficacy	CCT	THD	PF
S-1E0LP7	LSBX200-50-[U,H][D,B,W,SG]5-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	28800	144	5000	15%	0.9
S-B9W7MQ	LSBX240-40-[U,H][D,B,W,SG]3-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	34000	142	4000	15%	0.9
S-5TOVHK	LSBX240-40-[U,H][D,B,W,SG]4-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	34000	142	4000	15%	0.9
S-DO3TE1	LSBX240-40-[U,H][D,B,W,SG]5[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	35500	148	4000	15%	0.9
S-0NJG2E	LSBX240-50-[U,H][D,B,W,SG]3-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	34000	142	5000	15%	0.9
S-OATVXG	LSBX240-50-[U,H][D,B,W,SG]4-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	34000	142	5000	15%	0.9
S-FAT6CH	LSBX240-50-[U,H][D,B,W,SG]5-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	35500	148	5000	15%	0.9
S-FLTNX2	LSBX300-40-[U,H][D,B,W,SG]3-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	42500	142	4000	15%	0.9
S-ZOY4BV	LSBX300-40-[U,H][D,B,W,SG]4-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	42500	142	4000	15%	0.9
S-MP26E4	LSBX300-40-[U,H][D,B,W,SG]5[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	43700	146	4000	15%	0.9
S-MITK0W	LSBX300-50-[U,H][D,B,W,SG]3-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	42500	142	5000	15%	0.9
S-QMEHJO	LSBX300-50-[U,H][D,B,W,SG]4-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	42500	142	5000	15%	0.9
S-C9I7HN	LSBX300-50-[U,H][D,B,W,SG]5-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	43700	146	5000	15%	0.9
S-X0WFBU	LSBX350-40-[U,H][D,B,W,SG]3-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	50000	143	4000	15%	0.9
S-89RBIS	LSBX350-40-[U,H][D,B,W,SG]4-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	50000	143	4000	15%	0.9
S-O2G5YE	LSBX350-40-[U,H][D,B,W,SG]5[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	51000	146	4000	15%	0.9
S-L86UOR	LSBX350-50-[U,H][D,B,W,SG]3-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	50000	143	5000	15%	0.9
S-BGH3UR	LSBX350-50-[U,H][D,B,W,SG]4-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	50000	143	5000	15%	0.9
S-AJ8GPR	LSBX350-50-[U,H][D,B,W,SG]5-[Blank,PA,PA4][Blank,MS,MS4][A,D,E]-EW	51000	146	5000	15%	0.9

* DLC Premium

** Integral Controls

Compatible Accessories

Tenon Adaptors							
	SKU	Accessory	Tenon (in)	Width (in)	Length (in)	Height (in)	Description
	SP-TR-D	Pole Bracket - Tenon & Yoke Adaptor	2.375 OD	4.00	6.08	4.28	For use to mount LSBX fixtures that are equipped with yoke mount onto 2-3/8" OD tenon. Finish: Dark bronze
	SQR2-180-D-R60	Double 180° Horizontal Tenon Adaptor	2.375 OD	3.00	4.00	7.23	For use to mount with two LSBX fixtures to round external mount. Horizontal tenon and adjusted 180° horizontally. Finish: Dark bronze
	SQR2-90-D-R60	Double 90° Horizontal Tenon Adaptor	2.375 OD	3.00	4.00	7.23	For use to mount with two LSBX fixtures to round external mount. Horizontal tenon and adjusted 90° horizontally. Finish: Dark bronze
	SQR3-120-D-R60	Triple 120° Horizontal Tenon Adaptor	2.375 OD	3.00	4.00	7.23	For use to mount with three LSBX fixtures to round external mount. Horizontal tenon and adjusted 120° horizontally. Finish: Dark bronze
	SQR3-90-D-R60	Triple 90° Horizontal Tenon Adaptor	2.375 OD	3.00	4.00	7.23	For use to mount with three LSBX fixtures to round external mount. Horizontal tenon and adjusted 90° horizontally. Finish: Dark bronze
	SQR4-90-D-R60	Quad 90° Horizontal Tenon Adaptor	2.375 OD	3.00	4.00	7.23	For use to mount with four LSBX fixtures to round external mount. Horizontal tenon and adjusted 90° horizontally. Finish: Dark bronze
	SQRD-4SQ	4" Square Pole Mount	2.375 OD	3.00	4.00	7.23	For use with square, non-tapered steel & aluminum poles. Finish: Dark bronze
	SQRD-4SQR	4" Round Pole Mount	2.375 OD	4.00	4.20	8.76	For use with round, non-tapered steel & aluminum poles. Finish: Dark bronze
	SQRD-5SQ	5" Square Pole Mount	2.375 OD	3.00	5.00	7.23	For use with square, non-tapered steel & aluminum poles. Finish: Dark bronze
	SQRD-5SQR	5" Round Pole Mount	2.375 OD	4.00	5.19	8.76	For use with round, non-tapered steel & aluminum poles. Finish: Dark bronze
	SQRD-SQ	Horizontal Tenon Mid-Pole Bracket	2.375 OD	3.94	7.28	7.09	For use to mount LSBX fixtures that are equipped w/ slip-fitter mount onto 2-3/8" OD tenon. Finish: Dark bronze
	SQRD-WM	90° Wall Mount Bracket	2.375 OD	4.00	7.76	6.00	For use to mount LSBX fixtures that are equipped with yoke mount onto 2-3/8" OD tenon. Finish: Dark bronze




Glare-Shield

		
	LSBX-RGS150	LSBX-RGS350
LSBX Rosetta-II (100W 150W 200W)	✓	
LSBX Rosetta-II (250W 300W 350W)		✓

Mounting Adaptors

						
	Slip-Fitter LSBX-RSF	Round/Square Pole LSBX-RRS	Trunnion LSBX-RTN	Wallmount LSBX-RWM	Yoke LSBX-RYK	360° Pivot Arm LSBX-RF
LSBX Rosetta-II	✓	✓	✓	✓	✓	✓

Photocell

			
	PS-MU3	PS-MU7	PS-MH3
LSBX Rosetta-II (120-277V)	✓	✓	
LSBX Rosetta-II (347-480V)			✓

Sensors

		
	MSP-M1H	MSM-I3
LSBX Rosetta-II (120-277V)	✓	
LSBX Rosetta-II (347-480V)		✓
Compatible Controllers	RM-MS-S1	RM-MS-I1
		