

CATALOG NO. _____



TYPE NO. _____ JOB NAME _____

L-Bay 2-Pod LED Low-Profile High-Bay Luminaire

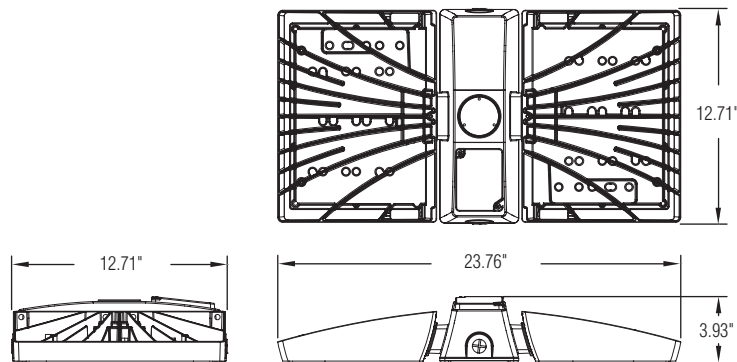


ORDERING INFORMATION

Catalog Number: Example: LB2A4APF1-8B

LB	2							
FIXTURE					OPTICS		OPTIONS	
LB-L-Bay LED High Bay	POD #	ENGINE DESIG.	COLOR TEMP.		MOUNT	See Below	VOLTAGE	COLOR
	2	A-73W @ 350mA	3	A - Aisle	P - 3/4" Pendant (Machined)		1-120v	W- Textured White
	2	B-110W @ 530mA	4	M - Medium	A - Aircraft Cable with Hooks		2-208v	B- Textured Black
	2	C-144W @ 700mA	6	N - Narrow			3-240v	T- Titanium Gray
	2	D-105W @ 350mA		W - Wide (Lowbay)			4-277v	
							5-480v	
							8-120-277v	

TECHNICAL INFORMATION



Engine Designator Details*

Board Size	Current	System Wattage	Lumen Output	Efficacy (L/W)
2 x 48	350mA	105	9,500	90
2 x 32	700mA	144	11,250	78
	530mA	110	9,250	84
	350mA	73	6,750	92

* Lumens mentioned are averaged between aisle through wide distribution and lumen output will vary by color temperature options.



Predicted L70 Lifetime

25°C Ambient - > 100,000 hours

45°C Ambient - = 100,000 hours

(based upon LED manufacturer's supplied LM-80 data and in-situ laboratory testing)

PRODUCT SPECIFICATIONS

- The L-Bay is an LED highbay luminaire available in two and four pod configurations. Its low profile architectural design make it available for a wide variety of applications including manufacturing, warehousing, large retail, home centers, cold storage and gymnasiums.
- The LED pods and driver housings are made from precision die-cast aluminum for strength and include computer designed heat sinks using venturi principle for controlled air flow and excellent heat management.
- The standard finish is a corrosion resistant polyester powder coating in gloss white.
- High power factor electronic integral LED driver(s) (350ma/530mA and 700mA) available in 120-277V or 480V
- High output LEDs with 32 or 48 per pod and each LED having its own optical lens for precise optical control in for wide, medium narrow or aisle distributions.
- Mounting choices include single pendant/stem or aircraft cable hangers. Aircraft cable hangers supplied standard with base product.
- Dimming driver standard (control 0 – 10V DC).
- Components RoHS compliant.
- Driver is field-replaceable.
- Tempered glass lens with molded silicone rubber gasket seals the optical compartment.
- Published 5 year warranty.

L-Bay LED Low-Profile High-Bay Luminaire

PHOTOMETRICS*

Distribution – Medium		CCT: NW		CREE XPG LEDs	
Candlepower		Light Distribution		Average Luminance	
Angle	A vg. Candela	Degrees	Lumens	% Lamp	% Luminaire
0	5307	0-30	4559	40.4	40.4
5	5304	0-40	7821	69.4	69.4
10	5221	0-60	10934	97.0	97.0
15	5185	0-90	11274	100.0	100.0
20	5202				
25	5543				
30	5762				
35	5145				
40	4778				
45	3498				
50	1705				
55	489				
60	311				
65	222				
70	160				
75	99				
80	46				
85	13				

Coefficients of Utilization

EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)

Ceil	80				70				50				30				10			
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102
1	113	109	107	104	110	108	105	102	103	101	99	99	98	96	96	95	93	93	93	93
2	106	101	97	93	104	99	95	92	96	92	89	93	90	88	90	88	86	86	86	86
3	100	92	87	82	98	91	86	82	89	84	80	86	82	79	84	81	78	78	78	78
4	94	85	79	74	92	84	79	74	82	77	73	80	75	72	78	74	71	71	71	71
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	64	64	64	64
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	67	62	58	58	58	58
7	76	65	59	54	75	65	58	53	63	57	53	62	57	53	61	56	52	52	52	52
8	71	60	53	48	70	59	52	48	58	52	47	57	51	47	56	51	47	47	47	47
9	66	54	47	42	65	54	47	42	53	46	42	52	46	42	51	45	42	42	42	42
10	61	49	42	38	60	49	42	37	48	42	37	47	41	37	46	41	37	37	37	37

OPTIONS

Blank-Glass Lens

F1- Single Fuse (specify voltage)

F2- Double Fuse (specify voltage)

3C- 3' Cord, no Plug

3CD- 3' Cord, no Plug for use when using Dimming Option

6C- 6' Cord, no Plug

6CD- 6' Cord, no Plug for use when using Dimming Option

3P- 3' Cord and Twist-Lock Plug (specify voltage)

3PD- 3' Cord/Plug when using dimming option

6P- 6' Cord and Twist-Lock Plug (specify voltage)

6PD- 6' Cord/Plug when using Dimming Option

H- Hook

N- Indirect Mounting

P- Protection - IP65 Rating (with cable mounting only)

L- Prismatic Lens

E- Emergency Lampholder (lamp by others)

M- 360° Motion Detector (ON/OFF)

MC- 360° Motion Sensor with Control 0 – 10V

MA- 360° Motion Sensor with Adjustable Day Lighting Control

ACCESSORIES

WG- Wire Guard

Distribution –Wide		CCT: NW		CREE XPG LEDs	
Candlepower		Light Distribution		Average Luminance	
Angle	A vg. Candela	Degrees	Lumens	% Lamp	% Luminaire
0	1618	0-30	1807	16.1	16.1
5	1670	0-40	3673	32.7	32.7
10	1783	0-60	9955	88.6	88.6
15	1908	0-90	11240	100.0	100.0
20	2090				
25	2346				
30	2639				
35	2957				
40	3304				
45	3694				
50	4017				
55	3901				
60	2844				
65	420				
70	164				
75	90				
80	42				
85	13				

Coefficients of Utilization

EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)

Ceil	80				70				50				30				10			
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102
1	110	106	102	99	108	104	100	97	100	97	94	96	94	91	92	90	89	89	89	89
2	101	94	88	83	99	92	86	82	88	84	80	85	82	78	82	79	76	76	76	76
3	92	82	75	69	90	81	74	68	78	72	67	75	70	66	73	68	64	64	64	64
4	84	72	64	57	82	71	63	57	68	62	56	66	60	55	64	59	55	55	55	55
5	76	63	54	47	74	62	53	47	60	52	47	58	51	46	56	50	46	46	46	46
6	68	55	45	39	66	54	45	38	52	44	38	50	43	38	48	42	37	37	37	37
7	61	47	38	31	60	46	37	31	44	36	31	43	36	30	41	35	30	30	30	30
8	56	41	32	26	54	40	32	26	39	31	25	38	30	25	36	30	25	25	25	25
9	51	36	27	21	49	36	27	21	34	26	21	33	26	21	32	25	20	20	20	20
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	17	17	17

* Photometric data based on test performed in compliance with LM79.