



Project: _____
 Location: _____
 Cat. #: _____
 Type: _____
 Quantity: _____

LED

EBL LED Low Bay

Features:

- High performance LED technology
- 0-10V dimming drivers standard
- Field replaceable LED boards and drivers
- Low cost and high efficiency help maximize return on investment

Applications:

- Suitable for most commercial, industrial and institutional applications
- General Areas
 - Warehouse
 - Manufacturing

Predicted L70 Lifetime:

- > 72,000 hrs (reported)
 (based on LM-80, TM-21 and in-situ laboratory testing)

Construction:

- LED tray is precision brake formed from aluminum
- Pre-painted with a highly durable, highly reflective, white finish

Certifications:

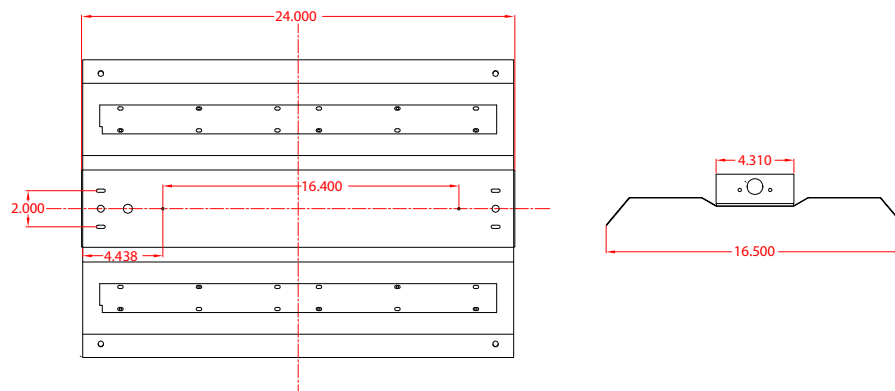
- UL 1598 listed for US and Canada, suitable for damp locations

Warranty:

- 5 year limited system warranty
- see www.LumenFocus.com for complete warranty terms and conditions



Schematic:



Ordering Guide:

example: EBL 2 HI UV 850-QC C6

Series	Length	Output	Voltage	CRI/CCT	Hanging	Options
EBL	2				-	
EBL	2	LW MD HI	UV 34	835 840 850	Blank VC QC QC20	Blank C6 C10 D6 D10 P(NEMA) OS OSD OSP PC SC F EM2 SDT(480V) LVL

Length:	2	2'
Lumen Output:	LW MD HI	Low Medium High
Voltage:	UV 34	120-277V 347V
CRI/CCT:	835 840 850	80 CRI / 3500K 80 CRI / 4000K 80 CRI / 5000K
Hanging:	Blank VC QC QC20	None V-Chain Hangers 10' Quick Hang Cable Kit 20' Quick Hang Cable Kit

Options:	Blank C6 C10 D6 D10 P(NEMA) OS OSD OSP PC SC F EM2 SDT(480V) LVL	None 6' Single Circuit Cord 10' Single Circuit Cord 6' Dual Circuit Cord 10' Dual Circuit Cord Plug (Specify NEMA configuration) Occupany Sensor (on/off) Occupany Sensor (on/off/dim) Occupany Sensor (Programmable) Photocell Safety Cable Fuse Emergency Pack - up to 20W (120-277V / 0°C-50°C ambient) 480V to 277V Step Down Transformer 0-10V dimming leads for easy field access
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Performance Chart:

Catalog #	Lumens	Watts	LPW
EBL 2 LW UV 835	8621	68	126.8
EBL 2 MD UV 835	10866	80	135.8
EBL 2 HI UV 835	13145	104	126.9

Catalog #	Lumens	Watts	LPW
EBL 2 LW UV 840	8888	68	130.7
EBL 2 MD UV 840	11202	80	140.0
EBL 2 HI UV 840	13551	104	130.8

Catalog #	Lumens	Watts	LPW
EBL 2 LW UV 850	9155	68	134.6
EBL 2 MD UV 850	11538	80	144.2
EBL 2 HI UV 850	13958	104	134.7

Photometric Data:

EBL 2 HI UV 840

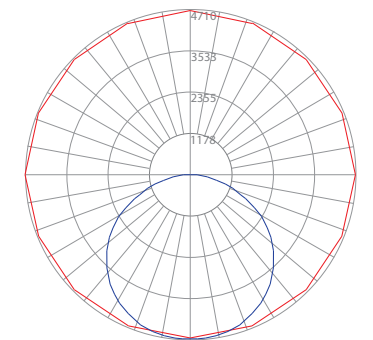
Test No.: LLIA000559-007
 Luminaire Lumens: 13,551 lm
 Luminaire Watts: 103.6W
 Efficacy: 130.8 LPW
 Spacing Criterion (0-180): 1.32
 Spacing Criterion (90-270): 1.30

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	17183	15767	16122
55	16350	14727	15182
65	14706	12960	9956
75	11318	6719	4776
85	4223	1093	956

Coefficients Of Utilization - Zonal Cavity Method Effective Floor Cavity Reflectance 0.20

RC	80				70				50				30			
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106		
1	109	105	101	97	107	102	99	95	98	95	92	94	92	89		
2	99	91	85	79	97	89	83	78	86	81	76	83	78	75		
3	91	80	72	66	88	79	71	65	76	69	64	73	67	63		
4	83	71	62	56	81	70	61	55	67	60	54	65	59	54		
5	76	63	54	48	74	62	54	47	60	53	47	58	52	46		
6	70	57	48	42	68	56	47	41	54	47	41	52	46	41		
7	65	51	43	37	63	51	42	36	49	42	36	48	41	36		
8	60	47	38	33	59	46	38	32	45	38	32	44	37	32		
9	56	43	35	29	55	42	35	29	41	34	29	40	34	29		
10	53	40	32	26	52	39	32	26	38	31	26	37	31	26		



Zone	Lumens	%Fixt
0-20	1721.92	12.70
0-30	3681.69	27.20
0-40	6082.04	44.90
0-60	10965.30	80.90
0-80	13422.94	99.10
0-90	13548.66	100.00
90-120	2.17	0.00
90-130	2.17	0.00
90-150	2.17	0.00
90-180	2.17	0.00
0-180	13550.83	100.00

Tested in accordance with IES standards utilizing absolute photometry per LM-79-08