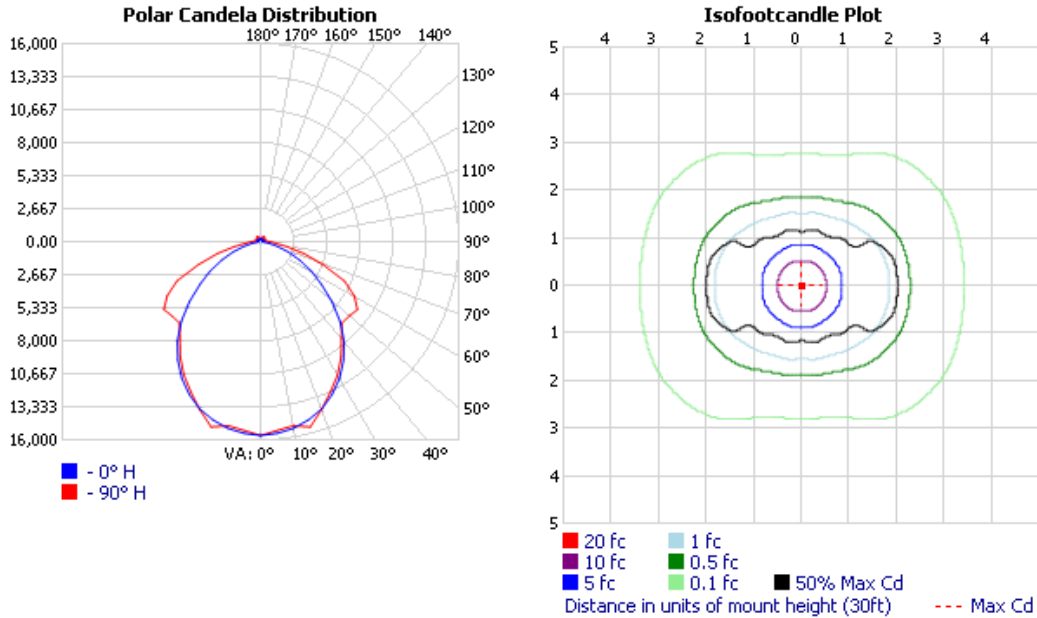


**INDOOR PHOTOMETRIC REPORT**

CATALOG: LUX-IK10P-L-2-SA-HO3-850-4-U10-CA4

MANUFACTURER: LUX DYNAMICS  
TEST #: L051805419  
TEST LAB: LIGHT LABORATORY, INC. (WWW.LIGHTLABORATORY.COM)  
CATALOG: LUX-IK10P-L-2-SA-HO3-850-4-U10-CA4  
DESCRIPTION: 2-BAR, 2-CHANNEL, HIGH LUMEN, ACRYLIC LENS, 4'  
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 46226.1, **ABSOLUTE PHOTOMETRY \***  
BALLAST / DRIVER: OSRAM OPTOTRONIC OTI 85/120-277/2A3 DIM L (4 DRIVERS)  
INPUT WATTAGE: 328.76  
LUMINOUS OPENING: RECTANGLE (L: 45.96", W: 8.76")  
CIE CLASS: DIRECT  
MAX CD: 15,635.0 AT HORIZONTAL: 0°, VERTICAL: 0°



**\*TEST BASED ON ABSOLUTE PHOTOMETRY WHERE LAMP LUMENS=LUMENS TOTAL.  
\*CUTOFF CLASSIFICATION AND EFFICIENCY CANNOT BE PROPERLY CALCULATED FOR ABSOLUTE PHOTOMETRY.**

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**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LUMINAIRE
0-30	11,971.0	25.9%
0-40	19,250.6	41.6%
0-60	33,304.7	72%
60-90	10,356.5	22.4%
70-100	5,217.6	11.3%
90-120	1,341.3	2.9%
0-90	43,661.1	94.5%
90-180	2,565.0	5.5%
0-180	46,226.1	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	1,460.5	3.2%	90-100	556.8	1.2%
10-20	4,221.9	9.1%	100-110	402.8	0.9%
20-30	6,288.7	13.6%	110-120	381.7	0.8%
30-40	7,279.6	15.7%	120-130	377.3	0.8%
40-50	7,226.1	15.6%	130-140	344.6	0.7%
50-60	6,827.9	14.8%	140-150	254.6	0.6%
60-70	5,695.7	12.3%	150-160	154.4	0.3%
70-80	3,385.2	7.3%	160-170	71.4	0.2%
80-90	1,275.6	2.8%	170-180	21.3	0%

**LCS TABLE**

**BUG RATING**

**B5 - U5 - G4**

FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	5,988.5	13%
MEDIUM(30-60):	10,671.5	23.1%
HIGH(60-80):	4,542.0	9.8%
VERY HIGH(80-90):	637.9	1.4%
<b>BACK LIGHT</b>		
LOW(0-30):	5,988.5	13%
MEDIUM(30-60):	10,671.5	23.1%
HIGH(60-80):	4,542.0	9.8%
VERY HIGH(80-90):	637.9	1.4%
<b>UPLIGHT</b>		
LOW(90-100):	556.7	1.2%
HIGH(100-180):	2,007.7	4.3%
<b>TRAPPED LIGHT:</b>	0.000	0%

**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

EFFECTIVE FLOOR CAVITY REFLECTANCE: 20%

RCC %:	80				70				50				30				10				0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.18	1.18	1.18	1.18	1.14	1.14	1.14	.94	1.08	1.08	1.08	1.02	1.02	1.02	.97	.97	.97	.94		.94	
1	1.07	1.02	.97	.93	1.04	.99	.95	.79	.94	.91	.88	.89	.86	.84	.85	.82	.80	.78		.78	
2	.97	.89	.82	.76	.94	.86	.80	.66	.82	.76	.72	.78	.73	.69	.74	.70	.67	.64		.64	
3	.88	.78	.69	.63	.85	.76	.68	.56	.72	.65	.60	.68	.63	.58	.65	.60	.57	.54		.54	
4	.81	.69	.60	.53	.78	.67	.59	.48	.64	.57	.51	.61	.55	.50	.58	.53	.48	.46		.46	
5	.74	.61	.52	.46	.72	.60	.51	.42	.57	.50	.44	.55	.48	.43	.52	.47	.42	.40		.40	
6	.69	.55	.46	.40	.66	.54	.46	.37	.52	.44	.39	.49	.43	.38	.47	.42	.37	.35		.35	
7	.64	.50	.41	.35	.62	.49	.41	.33	.47	.40	.34	.45	.38	.34	.43	.37	.33	.31		.31	
8	.59	.46	.37	.31	.57	.45	.37	.29	.43	.36	.31	.41	.35	.30	.40	.34	.30	.28		.28	
9	.55	.42	.34	.28	.54	.41	.33	.26	.40	.32	.28	.38	.32	.27	.37	.31	.27	.25		.25	
10	.52	.39	.31	.26	.50	.38	.30	.24	.37	.30	.25	.35	.29	.25	.34	.28	.24	.22		.22	

