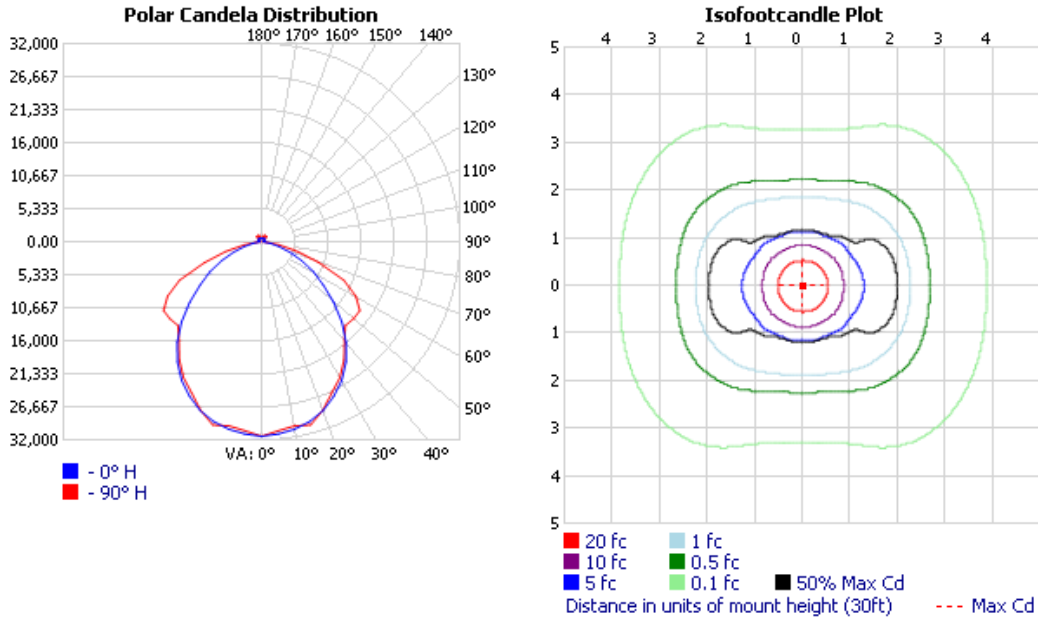


**INDOOR PHOTOMETRIC REPORT**

CATALOG: LUX-IK10P-L-4-DA-HO3-850-4-U10-CA4

MANUFACTURER: LUX DYNAMICS  
TEST #: L051805421  
TEST LAB: LIGHT LABORATORY, INC. (WWW.LIGHTLABORATORY.COM)  
CATALOG: LUX-IK10P-L-4-DA-HO3-850-4-U10-CA4  
DESCRIPTION: 4-BAR, 2-CHANNEL, HIGH LUMEN, ACRYLIC LENS, 4'  
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 90663.4, **ABSOLUTE PHOTOMETRY \***  
BALLAST / DRIVER: OSRAM OPTOTRONIC OTI 85/120-277/2A3 DIM L (8 DRIVERS)  
INPUT WATTAGE: 659.2  
LUMINOUS OPENING: RECTANGLE (L: 45.96", W: 14.76")  
CIE CLASS: DIRECT  
MAX CD: 31,406.0 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	23,929.5	26.4%
0-40	38,597.6	42.6%
0-60	67,194.1	74.1%
60-90	19,381.9	21.4%
70-100	8,202.9	9%
90-120	1,182.5	1.3%
0-90	86,576.0	95.5%
90-180	4,087.4	4.5%
0-180	90,663.4	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	2,926.2	3.2%	90-100	294.9	0.3%
10-20	8,427.8	9.3%	100-110	358.9	0.4%
20-30	12,575.5	13.9%	110-120	528.7	0.6%
30-40	14,668.1	16.2%	120-130	745.5	0.8%
40-50	14,657.3	16.2%	130-140	825.1	0.9%
50-60	13,939.2	15.4%	140-150	645.5	0.7%
60-70	11,473.8	12.7%	150-160	422.8	0.5%
70-80	6,333.4	7.0%	160-170	208.3	0.2%
80-90	1,574.7	1.7%	170-180	57.7	0.1%

**LCS TABLE  
BUG RATING**

	B5	U5	G5
<b>FORWARD LIGHT</b>	LUMENS	LUMENS	%
LOW(0-30):	11,970.8		13.2%
MEDIUM(30-60):	21,641.6		23.9%
HIGH(60-80):	8,907.1		9.8%
VERY HIGH(80-90):	787.6		0.9%
<b>BACK LIGHT</b>			
LOW(0-30):	11,970.7		13.2%
MEDIUM(30-60):	21,641.6		23.9%
HIGH(60-80):	8,907.1		9.8%
VERY HIGH(80-90):	787.6		0.9%
<b>UPLIGHT</b>			
LOW(90-100):	294.9		0.3%
HIGH(100-180):	3,792.0		4.2%
<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	0	50	30	20	0	50	30	20	0	
RCR: 0	1.18	1.18	1.18	1.18	1.15	1.15	1.15	.95	1.09	1.09	1.09		1.03	1.03	1.03		.98	.98	.98	.95	
1	1.08	1.03	.99	.95	1.04	1.00	.96	.80	.95	.92	.89		.90	.88	.85		.86	.84	.82	.80	
2	.98	.89	.83	.77	.95	.87	.81	.67	.83	.78	.73		.79	.75	.71		.75	.72	.68	.66	
3	.89	.78	.70	.64	.86	.76	.69	.57	.73	.66	.61		.69	.64	.59		.66	.62	.58	.55	
4	.81	.69	.61	.54	.79	.68	.60	.49	.65	.58	.52		.62	.56	.51		.59	.54	.50	.47	
5	.75	.62	.53	.46	.72	.61	.52	.43	.58	.51	.45		.55	.49	.44		.53	.48	.43	.41	
6	.69	.56	.47	.40	.67	.55	.46	.38	.52	.45	.39		.50	.44	.39		.48	.42	.38	.36	
7	.64	.51	.42	.36	.62	.49	.41	.33	.48	.40	.35		.46	.39	.34		.44	.38	.34	.32	
8	.60	.46	.38	.32	.58	.45	.37	.30	.43	.36	.31		.42	.35	.31		.40	.35	.30	.28	
9	.56	.42	.34	.29	.54	.42	.34	.27	.40	.33	.28		.39	.32	.28		.37	.32	.27	.25	
10	.52	.39	.31	.26	.51	.38	.31	.25	.37	.30	.25		.36	.30	.25		.35	.29	.25	.23	

