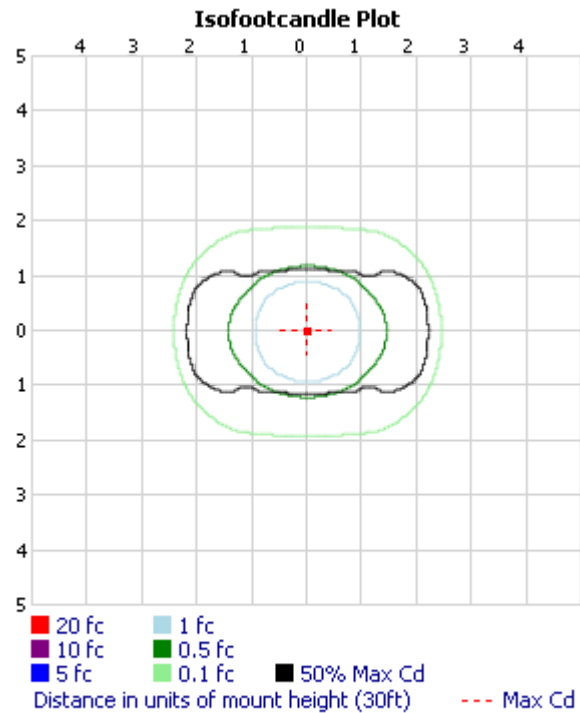
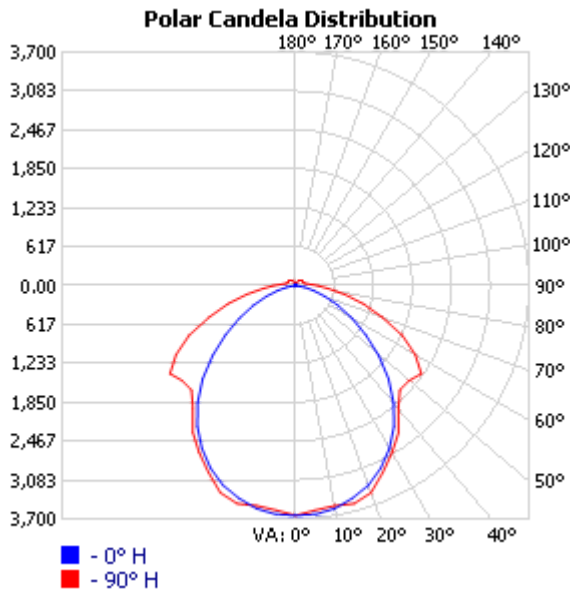


# INDOOR PHOTOMETRIC REPORT

CATALOG: LUX-IK10P-L-1-SA-HO3-850-2-U10-CA2

MANUFACTURER: LUX DYNAMICS  
TEST #: L051800513  
TEST LAB: LIGHT LABORATORY, INC. (WWW.LIGHTLABORATORY.COM)  
CATALOG: LUX-IK10P-L-1-SA-HO3-850-2-U10-CA2  
DESCRIPTION: 1-BAR, 1-CHANNEL, HIGH LUMEN, ACRYLIC LENS, 2'  
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 11436, **ABSOLUTE PHOTOMETRY \***  
BALLAST / DRIVER: OSRAM OPTOTRONIC OTI 85/120-277/2A3 DIM L  
INPUT WATTAGE: 81.59  
LUMINOUS OPENING: RECTANGLE (L: 22.92", W: 2.52")  
CIE CLASS: DIRECT  
MAX CD: 3,642.0 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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**INDOOR PHOTOMETRIC REPORT**

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**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LUMINAIRE
0-30	2,814.3	24.6%
0-40	4,550.4	39.8%
0-60	7,952.8	69.5%
60-90	2,753.6	24.1%
70-100	1,581.4	13.8%
90-120	475.4	4.2%
0-90	10,706.4	93.6%
90-180	729.6	6.4%
0-180	11,436.0	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	341.9	3.0%	90-100	218.9	1.9%
10-20	986.0	8.6%	100-110	138.6	1.2%
20-30	1,486.4	13.0%	110-120	117.8	1%
30-40	1,736.1	15.2%	120-130	100.6	0.9%
40-50	1,740.1	15.2%	130-140	72.5	0.6%
50-60	1,662.4	14.5%	140-150	46.1	0.4%
60-70	1,391.1	12.2%	150-160	23.5	0.2%
70-80	907.6	7.9%	160-170	9.2	0.1%
80-90	454.9	4.0%	170-180	2.3	0%

**LCS TABLE**

**BUG RATING**

**B3 - U4 - G3**

**FORWARD LIGHT**

LUMENS LUMENS %

LOW(0-30): 1,407.8 12.3%

MEDIUM(30-60): 2,570.3 22.5%

HIGH(60-80): 1,149.7 10.1%

VERY HIGH(80-90): 227.5 2%

**BACK LIGHT**

LOW(0-30): 1,407.8 12.3%

MEDIUM(30-60): 2,570.3 22.5%

HIGH(60-80): 1,149.7 10.1%

VERY HIGH(80-90): 227.5 2%

**UPLIGHT**

LOW(90-100): 218.9 1.9%

HIGH(100-180): 510.5 4.5%

**TRAPPED LIGHT:** 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	.96	.96	.96	.94	.94	.94	.94
1	1.06	1.01	.96	.92	1.03	.98	.94	.77	.93	.89	.86	.88	.85	.82	.83	.81	.79	.76	.76	.76	.76
2	.96	.87	.80	.74	.93	.85	.78	.64	.80	.75	.70	.76	.71	.67	.72	.68	.65	.62	.62	.62	.62
3	.87	.76	.68	.61	.84	.74	.67	.54	.70	.64	.58	.67	.61	.56	.63	.59	.55	.52	.52	.52	.52
4	.80	.68	.59	.52	.77	.66	.57	.46	.62	.55	.49	.59	.53	.48	.56	.51	.47	.44	.44	.44	.44
5	.73	.60	.51	.44	.71	.59	.50	.40	.56	.48	.43	.53	.47	.42	.51	.45	.41	.38	.38	.38	.38
6	.68	.54	.45	.39	.65	.53	.44	.35	.50	.43	.37	.48	.42	.36	.46	.40	.36	.33	.33	.33	.33
7	.63	.49	.40	.34	.61	.48	.40	.31	.46	.38	.33	.44	.37	.32	.42	.36	.32	.30	.30	.30	.30
8	.58	.45	.36	.30	.57	.44	.36	.28	.42	.35	.29	.40	.34	.29	.39	.33	.28	.26	.26	.26	.26
9	.55	.41	.33	.27	.53	.40	.32	.25	.39	.32	.27	.37	.31	.26	.36	.30	.26	.24	.24	.24	.24
10	.51	.38	.30	.25	.50	.37	.30	.23	.36	.29	.24	.34	.28	.24	.33	.27	.23	.21	.21	.21	.21

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