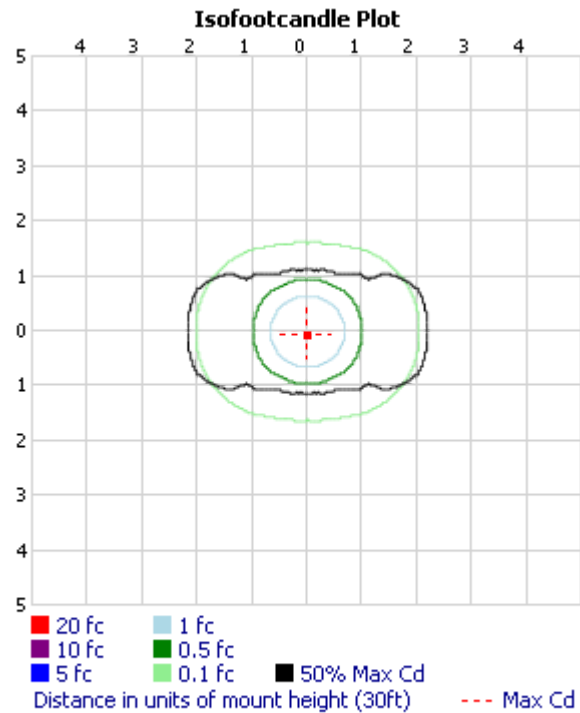
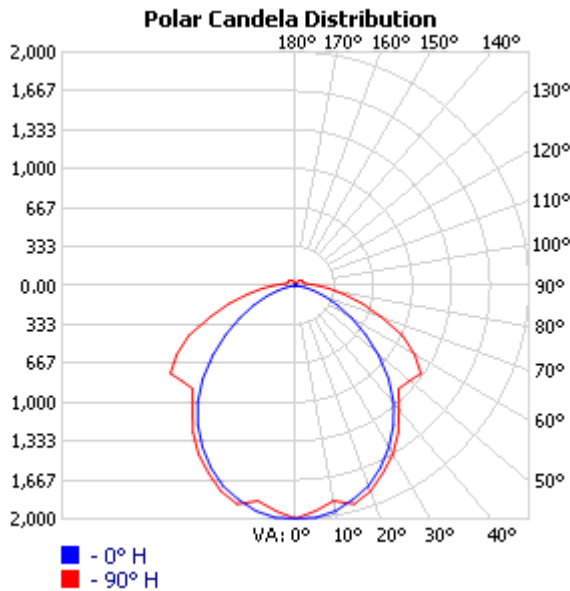


# INDOOR PHOTOMETRIC REPORT

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

MANUFACTURER: LUX DYNAMICS  
TEST #: L051800501  
TEST LAB: LIGHT LABORATORY, INC. (WWW.LIGHTLABORATORY.COM)  
CATALOG: LUX-IK10P-E-1-SA-HO3-850-2-U10-CA2  
DESCRIPTION: 1-BAR, 1-CHANNEL, HIGH EFFICACY, ACRYLIC LENS, 2'  
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 6176.9, **ABSOLUTE PHOTOMETRY \***  
BALLAST / DRIVER: OSRAM OPTOTRONIC OTI 85/120-277/2A3 DIM L  
INPUT WATTAGE: 39.53  
LUMINOUS OPENING: RECTANGLE (L: 22.92", W: 2.52")  
CIE CLASS: DIRECT  
MAX CD: 1,995.0 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**  
 CATALOG: LUX-IK10P-E-1-SA-HO3-850-2-U10-CA2

**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LUMINAIRE
0-30	1,518.9	24.6%
0-40	2,458.6	39.8%
0-60	4,298.5	69.6%
60-90	1,483.1	24%
70-100	853.5	13.8%
90-120	258.2	4.2%
0-90	5,781.5	93.6%
90-180	395.3	6.4%
0-180	6,176.9	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	185.2	3.0%	90-100	119.4	1.9%
10-20	531.1	8.6%	100-110	74.9	1.2%
20-30	802.6	13.0%	110-120	63.9	1%
30-40	939.7	15.2%	120-130	54.6	0.9%
40-50	941.3	15.2%	130-140	39.3	0.6%
50-60	898.5	14.5%	140-150	24.7	0.4%
60-70	749.0	12.1%	150-160	12.4	0.2%
70-80	486.6	7.9%	160-170	4.9	0.1%
80-90	247.6	4.0%	170-180	1.2	0%

**LCS TABLE**

BUG RATING	B2 - U3 - G2	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	759.8	12.3%
MEDIUM(30-60):	1,390.4	22.5%
HIGH(60-80):	617.9	10%
VERY HIGH(80-90):	123.8	2%
BACK LIGHT		
LOW(0-30):	759.8	12.3%
MEDIUM(30-60):	1,390.4	22.5%
HIGH(60-80):	617.9	10%
VERY HIGH(80-90):	123.8	2%
UPLIGHT		
LOW(90-100):	119.4	1.9%
HIGH(100-180):	275.8	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			
1	1.06	1.01	.96	.92	1.03	.98	.94	.77	.93	.89	.86	.88	.85	.82	.83	.81	.79	.76			
2	.96	.87	.80	.74	.93	.85	.78	.64	.80	.75	.70	.76	.71	.67	.72	.68	.65	.62			
3	.87	.76	.68	.61	.84	.74	.67	.54	.70	.64	.58	.67	.61	.57	.63	.59	.55	.52			
4	.80	.68	.59	.52	.77	.66	.57	.46	.62	.55	.50	.59	.53	.48	.56	.51	.47	.44			
5	.73	.60	.51	.44	.71	.59	.50	.40	.56	.48	.43	.53	.47	.42	.51	.45	.41	.38			
6	.68	.54	.45	.39	.65	.53	.44	.35	.50	.43	.37	.48	.42	.36	.46	.40	.36	.33			
7	.63	.49	.40	.34	.61	.48	.40	.31	.46	.38	.33	.44	.37	.32	.42	.36	.32	.30			
8	.58	.45	.36	.30	.57	.44	.36	.28	.42	.35	.29	.40	.34	.29	.39	.33	.28	.26			
9	.55	.41	.33	.27	.53	.40	.32	.25	.39	.32	.27	.37	.31	.26	.36	.30	.26	.24			
10	.51	.38	.30	.25	.50	.37	.30	.23	.36	.29	.24	.34	.28	.24	.33	.27	.23	.21			

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