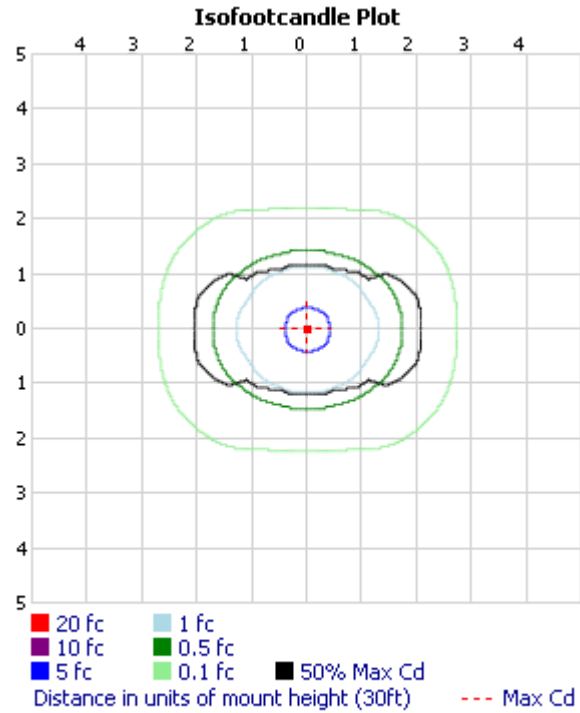
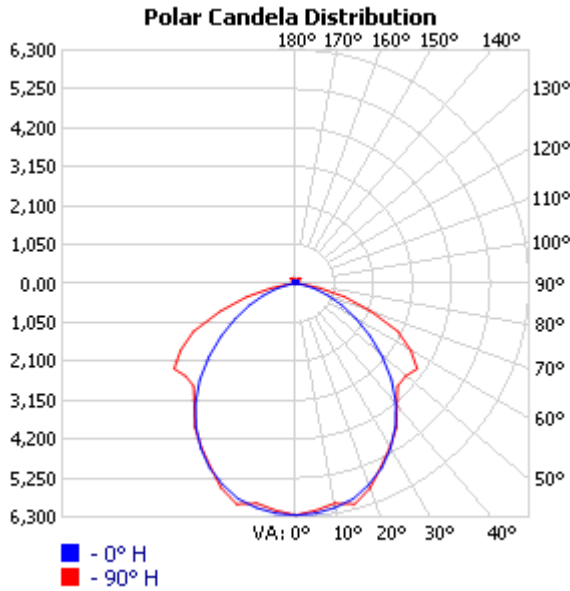


# INDOOR PHOTOMETRIC REPORT

CATALOG: LUX-IK10P-E-3-DA-HO3-850-2-U10-CA2

MANUFACTURER: LUX DYNAMICS  
TEST #: L051800503  
TEST LAB: LIGHT LABORATORY, INC. (WWW.LIGHTLABORATORY.COM)  
CATALOG: LUX-IK10P-E-3-DA-HO3-850-2-U10-CA2  
DESCRIPTION: 3-BAR, 2-CHANNEL, HIGH EFFICACY, ACRYLIC LENS, 2'  
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 18107.6, **ABSOLUTE PHOTOMETRY \***  
BALLAST / DRIVER: OSRAM OPTOTRONIC OTI 85/120-277/2A3 DIM L (2 DRIVERS)  
INPUT WATTAGE: 117.31  
LUMINOUS OPENING: RECTANGLE (L: 22.92", W: 8.52")  
CIE CLASS: DIRECT  
MAX CD: 6,248.0 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.**

VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2018, ACUITY BRANDS LIGHTING.

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**INDOOR PHOTOMETRIC REPORT**

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**ZONAL LUMEN SUMMARY**

ZONE	LUMENS	% LUMINAIRE
0-30	4,807.0	26.5%
0-40	7,757.9	42.8%
0-60	13,540.2	74.8%
60-90	3,940.3	21.8%
70-100	1,661.2	9.2%
90-120	136.4	0.8%
0-90	17,480.5	96.5%
90-180	627.1	3.5%
0-180	18,107.6	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	585.6	3.2%	90-100	30.2	0.2%
10-20	1,689.8	9.3%	100-110	38.6	0.2%
20-30	2,531.6	14.0%	110-120	67.6	0.4%
30-40	2,950.9	16.3%	120-130	117.5	0.6%
40-50	2,964.2	16.4%	130-140	145.7	0.8%
50-60	2,818.1	15.6%	140-150	112.6	0.6%
60-70	2,309.3	12.8%	150-160	74.0	0.4%
70-80	1,305.0	7.2%	160-170	32.9	0.2%
80-90	326.0	1.8%	170-180	8.0	0%

**LCS TABLE**

**BUG RATING**

**B3 - U4 - G2**

**FORWARD LIGHT** LUMENS LUMENS %

LOW(0-30):	2,404.6	13.3%
MEDIUM(30-60):	4,368.5	24.1%
HIGH(60-80):	1,807.8	10%
VERY HIGH(80-90):	163.1	0.9%

**BACK LIGHT**

LOW(0-30):	2,404.6	13.3%
MEDIUM(30-60):	4,368.5	24.1%
HIGH(60-80):	1,807.8	10%
VERY HIGH(80-90):	163.1	0.9%

**UPLIGHT**

LOW(90-100):	30.2	0.2%
HIGH(100-180):	596.8	3.3%

**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	1.15	1.15	1.15	.97	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97	.97	.97	.97
1	1.08	1.03	.99	.95	1.05	1.00	.96	.81	.95	.92	.89	.91	.88	.86	.87	.85	.83	.80	.80	.80	.80
2	.98	.90	.83	.77	.95	.87	.81	.68	.83	.78	.73	.79	.75	.71	.76	.72	.69	.67	.67	.67	.67
3	.89	.78	.70	.64	.86	.77	.69	.58	.73	.67	.61	.70	.64	.60	.67	.62	.58	.56	.56	.56	.56
4	.81	.69	.61	.54	.79	.68	.60	.49	.65	.58	.52	.62	.56	.51	.60	.54	.50	.48	.48	.48	.48
5	.75	.62	.53	.46	.73	.61	.52	.43	.58	.51	.45	.56	.49	.44	.54	.48	.43	.41	.41	.41	.41
6	.69	.56	.47	.40	.67	.55	.46	.38	.52	.45	.39	.50	.44	.39	.49	.43	.38	.36	.36	.36	.36
7	.64	.51	.42	.36	.62	.50	.41	.34	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32	.32	.32	.32
8	.60	.46	.38	.32	.58	.45	.37	.30	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28	.28	.28	.28
9	.56	.42	.34	.29	.54	.42	.34	.27	.40	.33	.28	.39	.32	.28	.38	.32	.27	.26	.26	.26	.26
10	.52	.39	.31	.26	.51	.38	.31	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23	.23	.23	.23

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