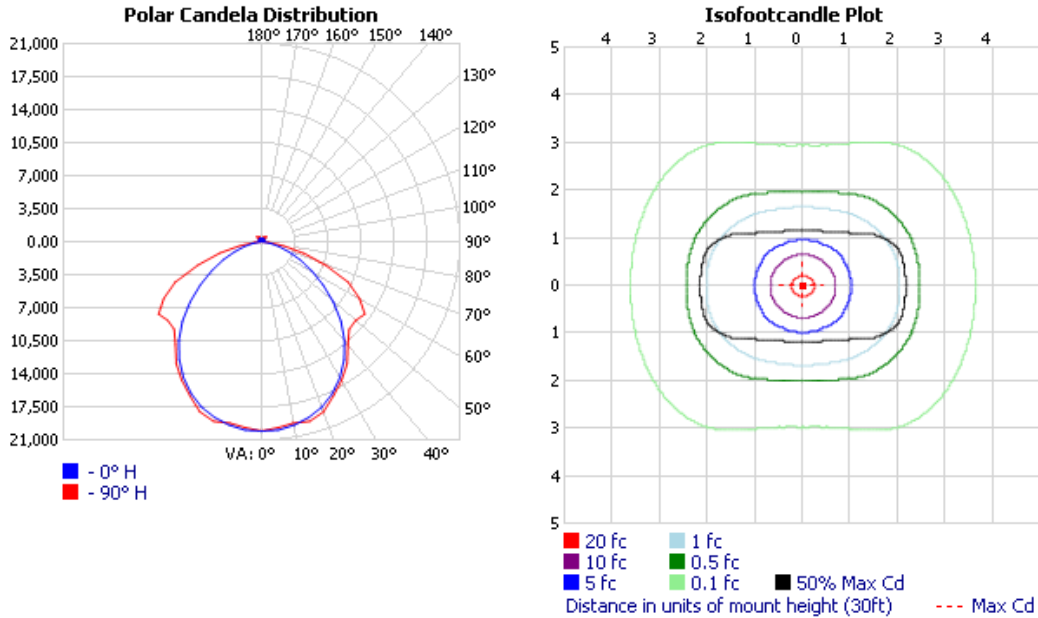


**INDOOR PHOTOMETRIC REPORT**

CATALOG: LUX-IK10P-E-10-DA-HO3-850-2-U10-CA2

MANUFACTURER: LUX DYNAMICS  
TEST #: L051800510  
TEST LAB: LIGHT LABORATORY, INC. (WWW.LIGHTLABORATORY.COM)  
CATALOG: LUX-IK10P-E-10-DA-HO3-850-2-U10-CA2  
DESCRIPTION: 10-BAR, 2-CHANNEL, HIGH EFFICACY, ACRYLIC LENS, 2'  
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 59828.2, **ABSOLUTE PHOTOMETRY \***  
BALLAST / DRIVER: OSRAM OPTOTRONIC OTI 85/120-277/2A3 DIM L (5 DRIVERS)  
INPUT WATTAGE: 388.12  
LUMINOUS OPENING: RECTANGLE (L: 22.92", W: 29.52")  
CIE CLASS: DIRECT  
MAX CD: 20,045.0 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	15,571.0	26%
0-40	25,257.9	42.2%
0-60	44,422.7	74.3%
60-90	13,236.6	22.1%
70-100	5,643.2	9.4%
90-120	464.2	0.8%
0-90	57,659.3	96.4%
90-180	2,169.0	3.6%
0-180	59,828.2	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	1,885.7	3.2%	90-100	101.6	0.2%
10-20	5,447.7	9.1%	100-110	130.4	0.2%
20-30	8,237.6	13.8%	110-120	232.2	0.4%
30-40	9,686.9	16.2%	120-130	409.2	0.7%
40-50	9,805.4	16.4%	130-140	506.4	0.8%
50-60	9,359.4	15.6%	140-150	390.1	0.7%
60-70	7,695.0	12.9%	150-160	256.4	0.4%
70-80	4,377.3	7.3%	160-170	114.5	0.2%
80-90	1,164.3	1.9%	170-180	28.1	0%

**LCS TABLE**

**BUG RATING**

**B5 - U5 - G4**

FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	7,788.8	13%
MEDIUM(30-60):	14,431.8	24.1%
HIGH(60-80):	6,038.4	10.1%
VERY HIGH(80-90):	582.3	1%
<b>BACK LIGHT</b>		
LOW(0-30):	7,788.8	13%
MEDIUM(30-60):	14,431.8	24.1%
HIGH(60-80):	6,038.4	10.1%
VERY HIGH(80-90):	582.3	1%
<b>UPLIGHT</b>		
LOW(90-100):	101.6	0.2%
HIGH(100-180):	2,066.9	3.5%
<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	.96	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.96			
1	1.08	1.03	.98	.94	1.05	1.00	.96	.81	.95	.92	.89	.91	.88	.86	.87	.84	.82	.80			
2	.98	.89	.82	.76	.95	.87	.81	.68	.83	.78	.73	.79	.75	.71	.76	.72	.69	.66			
3	.89	.78	.70	.63	.86	.76	.69	.57	.73	.66	.61	.70	.64	.59	.67	.62	.58	.56			
4	.81	.69	.60	.53	.79	.68	.59	.49	.65	.57	.52	.62	.56	.51	.59	.54	.50	.47			
5	.75	.62	.53	.46	.72	.60	.52	.43	.58	.50	.45	.55	.49	.44	.53	.48	.43	.41			
6	.69	.55	.46	.40	.67	.54	.46	.37	.52	.45	.39	.50	.43	.38	.48	.42	.38	.36			
7	.64	.50	.41	.35	.62	.49	.41	.33	.47	.40	.34	.46	.39	.34	.44	.38	.33	.31			
8	.59	.46	.37	.31	.58	.45	.37	.30	.43	.36	.31	.42	.35	.30	.40	.34	.30	.28			
9	.55	.42	.34	.28	.54	.41	.33	.27	.40	.33	.28	.39	.32	.27	.37	.31	.27	.25			
10	.52	.39	.31	.26	.51	.38	.31	.24	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23			

