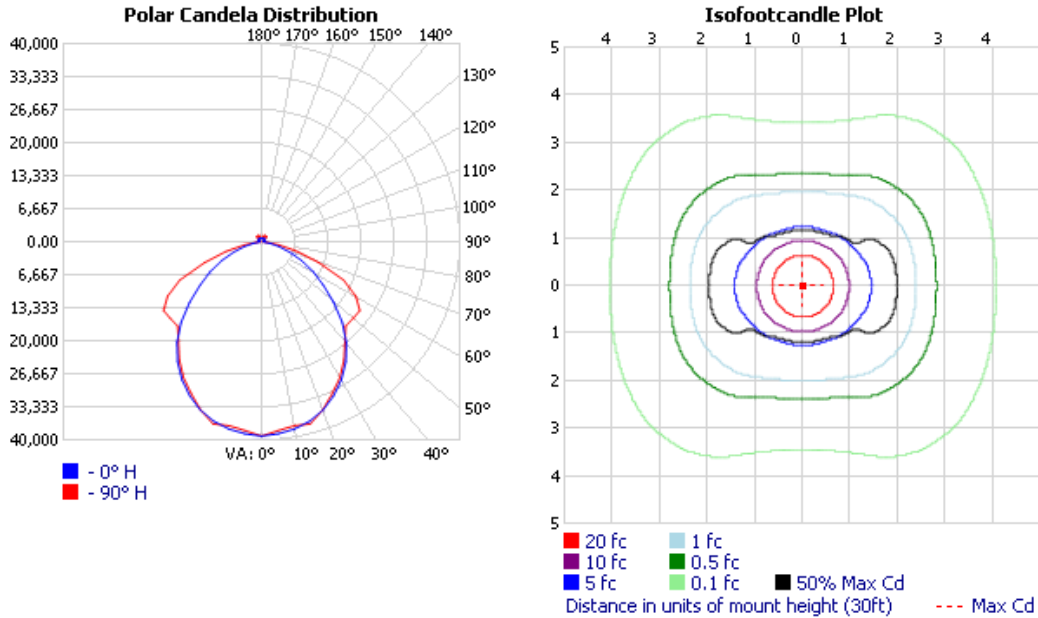


INDOOR PHOTOMETRIC REPORT

CATALOG: LUX-IK10P-L-5-DA-HO3-850-4-U10-CA4

MANUFACTURER: LUX DYNAMICS
TEST #: L051805422
TEST LAB: LIGHT LABORATORY, INC. (WWW.LIGHTLABORATORY.COM)
CATALOG: LUX-IK10P-L-5-DA-HO3-850-4-U10-CA4
DESCRIPTION: 5-BAR, 2-CHANNEL, HIGH LUMEN, ACRYLIC LENS, 4?
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 113261.5, **ABSOLUTE PHOTOMETRY ***
BALLAST / DRIVER: OSRAM OPTOTRONIC OTI 85/120-277/2A3 DIM L (8 DRIVERS)
INPUT WATTAGE: 822.1
LUMINOUS OPENING: RECTANGLE (L: 45.96", W: 17.76")
CIE CLASS: DIRECT
MAX CD: 39,225.0 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	29,853.3	26.4%
0-40	48,187.9	42.5%
0-60	83,953.2	74.1%
60-90	24,236.3	21.4%
70-100	10,275.9	9.1%
90-120	1,482.3	1.3%
0-90	108,189.5	95.5%
90-180	5,072.1	4.5%
0-180	113,261.5	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	3,651.3	3.2%	90-100	367.6	0.3%
10-20	10,501.0	9.3%	100-110	450.9	0.4%
20-30	15,701.0	13.9%	110-120	663.8	0.6%
30-40	18,334.6	16.2%	120-130	932.6	0.8%
40-50	18,370.9	16.2%	130-140	1,014.9	0.9%
50-60	17,394.4	15.4%	140-150	791.8	0.7%
60-70	14,327.9	12.7%	150-160	519.9	0.5%
70-80	7,912.9	7.0%	160-170	258.8	0.2%
80-90	1,995.4	1.8%	170-180	71.9	0.1%

LCS TABLE

BUG RATING

B5 - U5 - G5

FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	14,934.1	13.2%
MEDIUM(30-60):	27,061.5	23.9%
HIGH(60-80):	11,124.8	9.8%
VERY HIGH(80-90):	998.1	0.9%
BACK LIGHT		
LOW(0-30):	14,934.1	13.2%
MEDIUM(30-60):	27,061.5	23.9%
HIGH(60-80):	11,124.8	9.8%
VERY HIGH(80-90):	998.1	0.9%
UPLIGHT		
LOW(90-100):	367.6	0.3%
HIGH(100-180):	4,704.0	4.2%
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	.96	1.09	1.09	1.09	1.03	1.03	1.03	.98	.98	.98	.96	.96	.96	.96
1	1.08	1.03	.98	.95	1.04	1.00	.96	.81	.95	.92	.89	.90	.88	.85	.86	.84	.82	.80	.80	.80	.80
2	.98	.89	.83	.77	.95	.87	.81	.67	.83	.78	.73	.79	.75	.71	.75	.72	.68	.66	.66	.66	.66
3	.89	.78	.70	.64	.86	.76	.69	.57	.73	.66	.61	.69	.64	.59	.66	.62	.58	.55	.55	.55	.55
4	.81	.69	.61	.54	.79	.68	.60	.49	.65	.58	.52	.62	.56	.51	.59	.54	.50	.47	.47	.47	.47
5	.75	.62	.53	.46	.72	.61	.52	.43	.58	.51	.45	.55	.49	.44	.53	.48	.43	.41	.41	.41	.41
6	.69	.56	.47	.40	.67	.55	.46	.38	.52	.45	.39	.50	.44	.39	.48	.42	.38	.36	.36	.36	.36
7	.64	.50	.42	.36	.62	.49	.41	.33	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32	.32	.32	.32
8	.60	.46	.38	.32	.58	.45	.37	.30	.43	.36	.31	.42	.35	.31	.40	.35	.30	.28	.28	.28	.28
9	.56	.42	.34	.29	.54	.42	.34	.27	.40	.33	.28	.39	.32	.28	.37	.31	.27	.25	.25	.25	.25
10	.52	.39	.31	.26	.51	.38	.31	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23	.23	.23	.23

