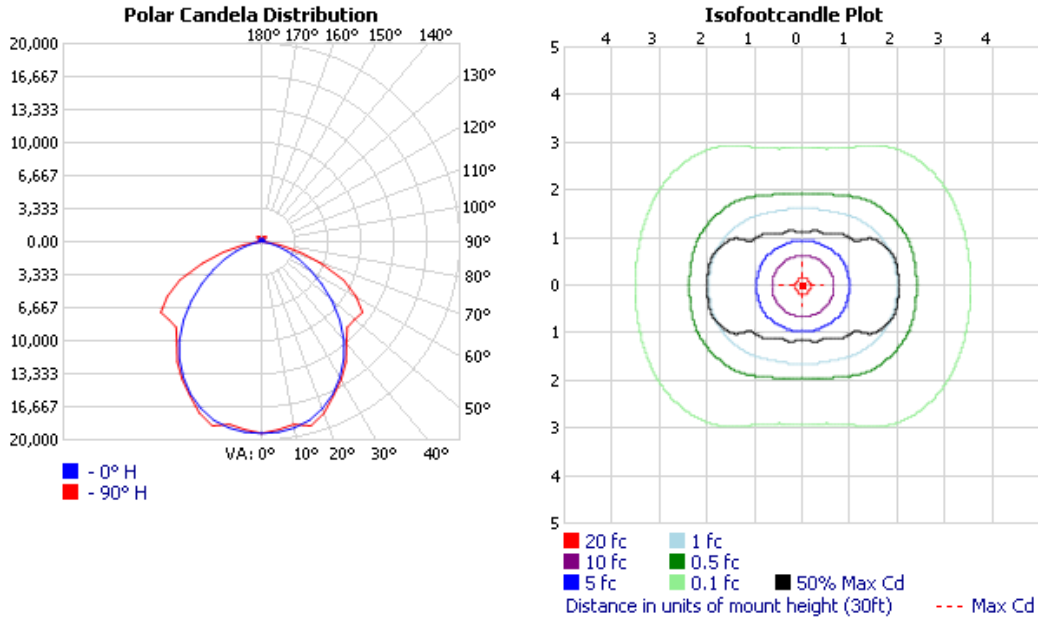


INDOOR PHOTOMETRIC REPORT

CATALOG: LUX-IK10P-L-5-DA-HO3-850-2-U10-CA2

MANUFACTURER: LUX DYNAMICS
TEST #: L051805403
TEST LAB: LIGHT LABORATORY, INC. (WWW.LIGHTLABORATORY.COM)
CATALOG: LUX-IK10P-L-5-DA-HO3-850-2-U10-CA2
DESCRIPTION: 5-BAR, 2-CHANNEL, HIGH LUMEN, ACRYLIC LENS, 2'
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 55917.7, **ABSOLUTE PHOTOMETRY ***
BALLAST / DRIVER: OSRAM OPTOTRONIC OTI 85/120-277/2A3 DIM L (5 DRIVERS)
INPUT WATTAGE: 408.37
LUMINOUS OPENING: RECTANGLE (L: 23.04", W: 14.52")
CIE CLASS: DIRECT
MAX CD: 19,331.0 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	14,942.3	26.7%
0-40	24,126.0	43.1%
0-60	42,049.5	75.2%
60-90	11,906.2	21.3%
70-100	4,971.2	8.9%
90-120	434.3	0.8%
0-90	53,955.7	96.5%
90-180	1,962.0	3.5%
0-180	55,917.7	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	1,813.4	3.2%	90-100	96.9	0.2%
10-20	5,248.9	9.4%	100-110	125.1	0.2%
20-30	7,880.1	14.1%	110-120	212.3	0.4%
30-40	9,183.7	16.4%	120-130	366.1	0.7%
40-50	9,208.1	16.5%	130-140	441.7	0.8%
50-60	8,715.4	15.6%	140-150	353.4	0.6%
60-70	7,031.9	12.6%	150-160	234.2	0.4%
70-80	3,905.2	7.0%	160-170	106.9	0.2%
80-90	969.1	1.7%	170-180	25.4	0%

LCS TABLE

BUG RATING

B5 - U5 - G3

FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	7,474.6	13.4%
MEDIUM(30-60):	13,559.4	24.2%
HIGH(60-80):	5,470.7	9.8%
VERY HIGH(80-90):	484.7	0.9%
BACK LIGHT		
LOW(0-30):	7,474.6	13.4%
MEDIUM(30-60):	13,559.4	24.2%
HIGH(60-80):	5,470.7	9.8%
VERY HIGH(80-90):	484.7	0.9%
UPLIGHT		
LOW(90-100):	96.9	0.2%
HIGH(100-180):	1,864.8	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	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	.99	.95	1.05	1.00	.97	.81	.96	.92	.89	.91	.88	.86	.87	.85	.83	.81			
2	.98	.90	.83	.77	.95	.87	.81	.68	.83	.78	.74	.80	.75	.71	.76	.72	.69	.67			
3	.89	.79	.70	.64	.86	.77	.69	.58	.73	.67	.62	.70	.65	.60	.67	.62	.59	.56			
4	.82	.70	.61	.54	.79	.68	.60	.50	.65	.58	.52	.62	.56	.51	.60	.55	.50	.48			
5	.75	.62	.53	.46	.73	.61	.52	.43	.58	.51	.45	.56	.49	.44	.54	.48	.44	.41			
6	.69	.56	.47	.41	.67	.55	.46	.38	.53	.45	.40	.51	.44	.39	.49	.43	.38	.36			
7	.64	.51	.42	.36	.62	.50	.41	.34	.48	.40	.35	.46	.39	.35	.44	.39	.34	.32			
8	.60	.46	.38	.32	.58	.45	.37	.30	.44	.37	.31	.42	.36	.31	.41	.35	.31	.29			
9	.56	.42	.34	.29	.54	.42	.34	.27	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26			
10	.52	.39	.31	.26	.51	.39	.31	.25	.37	.30	.26	.36	.30	.25	.35	.29	.25	.23			

