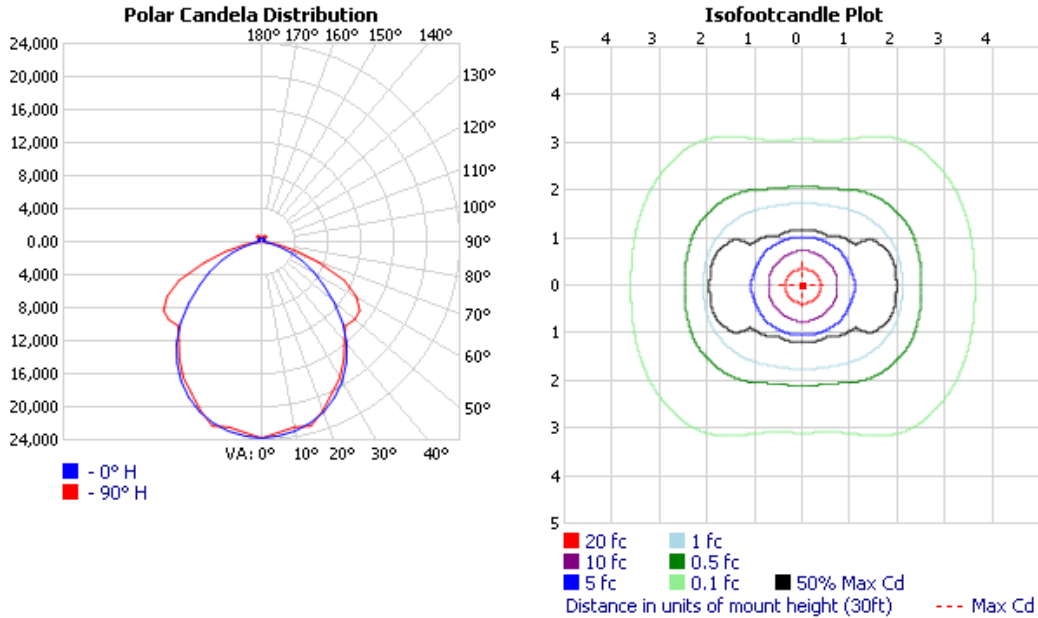


INDOOR PHOTOMETRIC REPORT

CATALOG: LUX-IK10P-L-3-DA-HO3-850-4-U10-CA4

MANUFACTURER: LUX DYNAMICS
TEST #: L051805420
TEST LAB: LIGHT LABORATORY, INC. (WWW.LIGHTLABORATORY.COM)
CATALOG: LUX-IK10P-L-3-DA-HO3-850-4-U10-CA4
DESCRIPTION: 3-BAR, 2-CHANNEL, HIGH LUMEN, ACRYLIC LENS, 4'
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 68247.7, **ABSOLUTE PHOTOMETRY ***
BALLAST / DRIVER: OSRAM OPTOTRONIC OTI 85/120-277/2A3 DIM L (6 DRIVERS)
INPUT WATTAGE: 494
LUMINOUS OPENING: RECTANGLE (L: 45.96", W: 9")
CIE CLASS: DIRECT
MAX CD: 23,781.0 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	18,066.4	26.5%
0-40	29,107.0	42.6%
0-60	50,660.4	74.2%
60-90	14,555.4	21.3%
70-100	6,136.7	9%
90-120	884.2	1.3%
0-90	65,215.8	95.6%
90-180	3,031.9	4.4%
0-180	68,247.7	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	2,215.3	3.2%	90-100	223.5	0.3%
10-20	6,366.7	9.3%	100-110	269.7	0.4%
20-30	9,484.5	13.9%	110-120	391.1	0.6%
30-40	11,040.5	16.2%	120-130	545.4	0.8%
40-50	11,047.9	16.2%	130-140	610.2	0.9%
50-60	10,505.6	15.4%	140-150	479.2	0.7%
60-70	8,642.1	12.7%	150-160	312.9	0.5%
70-80	4,749.5	7.0%	160-170	156.2	0.2%
80-90	1,163.8	1.7%	170-180	43.9	0.1%

LCS TABLE

BUG RATING

B5 - U5 - G4

FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	9,037.8	13.2%
MEDIUM(30-60):	16,304.0	23.9%
HIGH(60-80):	6,698.4	9.8%
VERY HIGH(80-90):	582.1	0.9%
BACK LIGHT		
LOW(0-30):	9,037.8	13.2%
MEDIUM(30-60):	16,304.0	23.9%
HIGH(60-80):	6,698.4	9.8%
VERY HIGH(80-90):	582.1	0.9%
UPLIGHT		
LOW(90-100):	223.5	0.3%
HIGH(100-180):	2,808.1	4.1%
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	1.03	1.03	1.03	.98	.98	.98	.96			
1	1.08	1.03	.99	.95	1.04	1.00	.96	.81	.95	.92	.89	.90	.88	.85	.86	.84	.82	.80			
2	.98	.89	.83	.77	.95	.87	.81	.68	.83	.78	.73	.79	.75	.71	.75	.72	.69	.66			
3	.89	.78	.70	.64	.86	.77	.69	.57	.73	.66	.61	.70	.64	.60	.66	.62	.58	.56			
4	.81	.69	.61	.54	.79	.68	.60	.49	.65	.58	.52	.62	.56	.51	.59	.54	.50	.47			
5	.75	.62	.53	.46	.72	.61	.52	.43	.58	.51	.45	.55	.49	.44	.53	.48	.43	.41			
6	.69	.56	.47	.40	.67	.55	.46	.38	.52	.45	.39	.50	.44	.39	.48	.42	.38	.36			
7	.64	.51	.42	.36	.62	.50	.41	.33	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32			
8	.60	.46	.38	.32	.58	.45	.37	.30	.44	.36	.31	.42	.35	.31	.40	.35	.30	.28			
9	.56	.42	.34	.29	.54	.42	.34	.27	.40	.33	.28	.39	.32	.28	.37	.32	.27	.25			
10	.52	.39	.31	.26	.51	.38	.31	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23			

