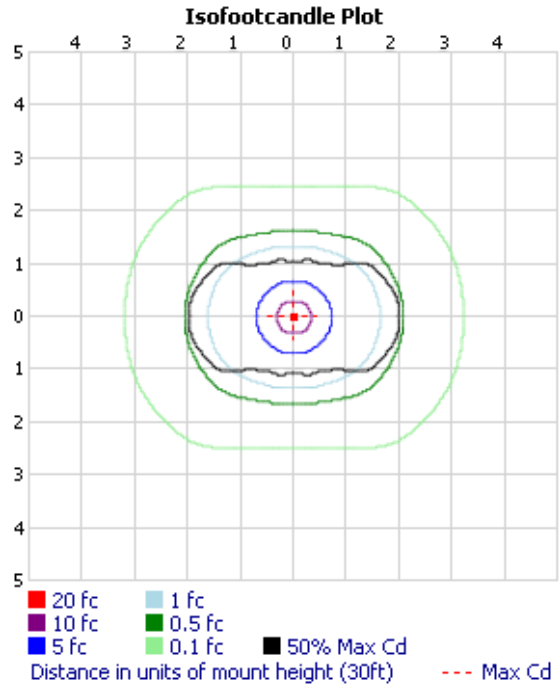
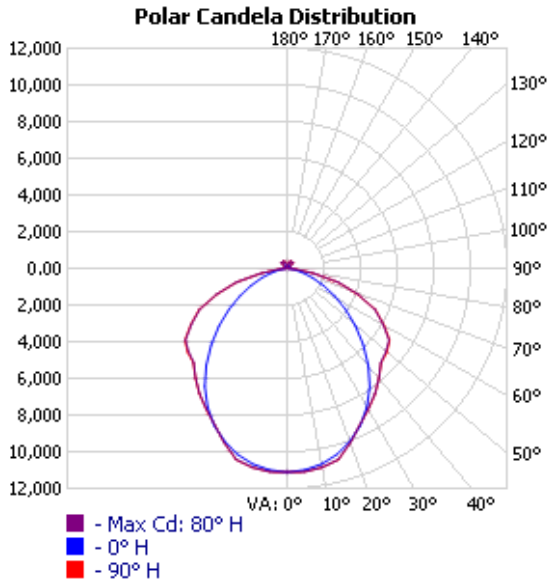


INDOOR PHOTOMETRIC REPORT

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

MANUFACTURER: LUX DYNAMICS
 TEST #: L051805401
 TEST LAB: LIGHT LABORATORY, INC. (WWW.LIGHTLABORATORY.COM)
 CATALOG: LUX-IK10P-L-3-DA-HO3-850-2-U10-CA2
 DESCRIPTION: 3-BAR, 2-CHANNEL, HIGH LUMEN, ACRYLIC LENS, 2'
 LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 31702.5, **ABSOLUTE PHOTOMETRY ***
 BALLAST / DRIVER: OSRAM OPTOTRONIC OTI 85/120-277/2A3 DIM L (3 DRIVERS)
 INPUT WATTAGE: 244.8
 LUMINOUS OPENING: RECTANGLE (L: 23.04", W: 9")
 CIE CLASS: DIRECT
 MAX CD: 11,116.0 AT HORIZONTAL: 80°, VERTICAL: 5°



***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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INDOOR PHOTOMETRIC REPORT
 CATALOG: LUX-IK10P-L-3-DA-HO3-850-2-U10-CA2

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	8,449.1	26.7%
0-40	13,547.9	42.7%
0-60	23,584.8	74.4%
60-90	6,824.1	21.5%
70-100	2,962.6	9.3%
90-120	259.3	0.8%
0-90	30,408.9	95.9%
90-180	1,293.6	4.1%
0-180	31,702.5	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	1,052.8	3.3%	90-100	57.5	0.2%
10-20	3,004.0	9.5%	100-110	72.8	0.2%
20-30	4,392.3	13.9%	110-120	129.0	0.4%
30-40	5,098.8	16.1%	120-130	239.9	0.8%
40-50	5,181.3	16.3%	130-140	304.9	1%
50-60	4,855.6	15.3%	140-150	242.8	0.8%
60-70	3,919.0	12.4%	150-160	159.1	0.5%
70-80	2,302.7	7.3%	160-170	72.5	0.2%
80-90	602.4	1.9%	170-180	15.1	0%

LCS TABLE

BUG RATING	B4 - U5 - G3	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	4,226.9	13.3%
MEDIUM(30-60):	7,571.1	23.9%
HIGH(60-80):	3,111.9	9.8%
VERY HIGH(80-90):	301.3	1%
BACK LIGHT		
LOW(0-30):	4,226.9	13.3%
MEDIUM(30-60):	7,571.1	23.9%
HIGH(60-80):	3,111.9	9.8%
VERY HIGH(80-90):	301.3	1%
UPLIGHT		
LOW(90-100):	57.5	0.2%
HIGH(100-180):	1,235.8	3.9%
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			
1	1.08	1.03	.98	.95	1.04	1.00	.96	.81	.95	.92	.89	.91	.88	.86	.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	.67	.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	.56	.49	.44	.53	.48	.43	.41			
6	.69	.56	.47	.40	.67	.55	.46	.38	.52	.45	.39	.50	.44	.39	.48	.43	.38	.36			
7	.64	.51	.42	.36	.62	.50	.41	.34	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32			
8	.60	.46	.38	.32	.58	.45	.37	.30	.44	.36	.31	.42	.36	.31	.41	.35	.30	.28			
9	.56	.42	.34	.29	.54	.42	.34	.27	.40	.33	.28	.39	.32	.28	.38	.32	.27	.26			
10	.52	.39	.31	.26	.51	.39	.31	.25	.37	.30	.26	.36	.30	.25	.35	.29	.25	.23			

