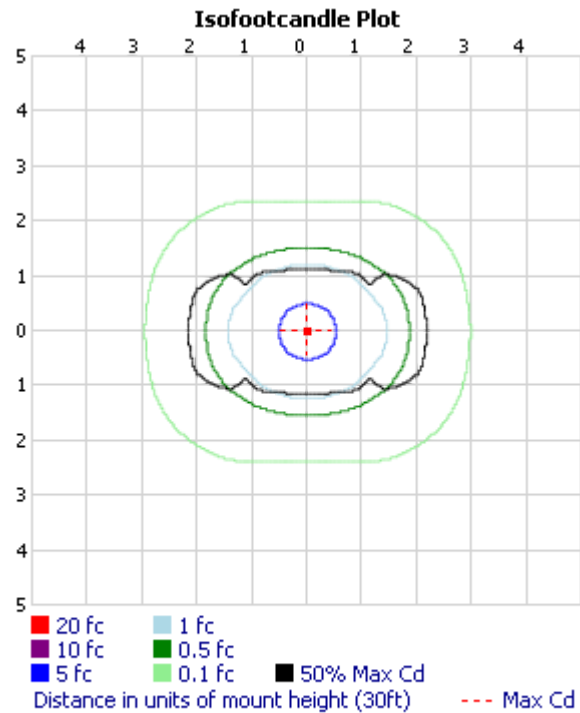
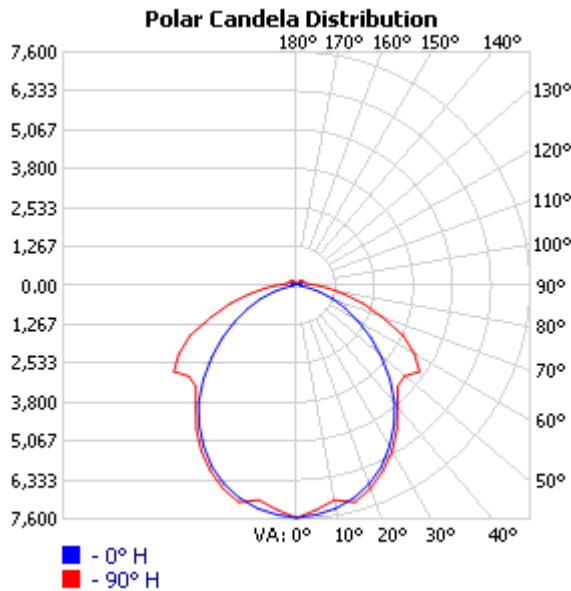


INDOOR PHOTOMETRIC REPORT

CATALOG: LUX-IK10P-L-1-SA-HO3-850-4-U10-CA4

MANUFACTURER: LUX DYNAMICS
TEST #: L051805418
TEST LAB: LIGHT LABORATORY, INC. (WWW.LIGHTLABORATORY.COM)
CATALOG: LUX-IK10P-L-1-SA-HO3-850-4-U10-CA4
DESCRIPTION: 1-BAR, 1-CHANNEL, HIGH LUMEN, ACRYLIC LENS, 4'
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 23655, **ABSOLUTE PHOTOMETRY ***
BALLAST / DRIVER: OSRAM OPTOTRONIC OTI 85/120-277/2A3 DIM L (2 DRIVERS)
INPUT WATTAGE: 163.31
LUMINOUS OPENING: RECTANGLE (L: 45.96", W: 2.52")
CIE CLASS: DIRECT
MAX CD: 7,558.0 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	5,738.0	24.3%
0-40	9,284.3	39.2%
0-60	16,229.1	68.6%
60-90	5,827.3	24.6%
70-100	3,394.4	14.3%
90-120	1,109.5	4.7%
0-90	22,056.4	93.2%
90-180	1,598.6	6.8%
0-180	23,655.0	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	699.8	3.0%	90-100	486.6	2.1%
10-20	2,006.0	8.5%	100-110	332.3	1.4%
20-30	3,032.3	12.8%	110-120	290.5	1.2%
30-40	3,546.3	15.0%	120-130	222.9	0.9%
40-50	3,542.4	15.0%	130-140	136.5	0.6%
50-60	3,402.4	14.4%	140-150	75.2	0.3%
60-70	2,919.5	12.3%	150-160	35.6	0.2%
70-80	1,932.8	8.2%	160-170	14.4	0.1%
80-90	975.0	4.1%	170-180	4.5	0%

LCS TABLE

BUG RATING	B4 - U5 - G3	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	2,870.4	12.1%
MEDIUM(30-60):	5,247.7	22.2%
HIGH(60-80):	2,426.8	10.3%
VERY HIGH(80-90):	487.6	2.1%
BACK LIGHT		
LOW(0-30):	2,870.4	12.1%
MEDIUM(30-60):	5,247.7	22.2%
HIGH(60-80):	2,426.8	10.3%
VERY HIGH(80-90):	487.6	2.1%
UPLIGHT		
LOW(90-100):	486.6	2.1%
HIGH(100-180):	1,111.5	4.7%
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	1.17	1.17	1.17	1.17	1.14	1.14	1.14	.93	1.07	1.07	1.07	1.01	1.01	1.01	.96	.96	.96	.96	.96	.93	
1	1.06	1.01	.96	.92	1.02	.98	.93	.76	.92	.89	.85	.87	.84	.82	.82	.80	.78	.75	.75	.75	
2	.96	.87	.80	.74	.93	.85	.78	.63	.80	.74	.70	.76	.71	.67	.72	.68	.64	.62	.62	.62	
3	.87	.76	.68	.61	.84	.74	.66	.53	.70	.63	.58	.66	.61	.56	.63	.58	.54	.52	.52	.52	
4	.80	.67	.58	.51	.77	.65	.57	.46	.62	.55	.49	.59	.53	.48	.56	.51	.46	.44	.44	.44	
5	.73	.60	.51	.44	.71	.58	.50	.40	.56	.48	.42	.53	.46	.41	.50	.45	.40	.38	.38	.38	
6	.68	.54	.45	.38	.65	.53	.44	.35	.50	.43	.37	.48	.41	.36	.46	.40	.35	.33	.33	.33	
7	.63	.49	.40	.34	.60	.48	.39	.31	.46	.38	.33	.44	.37	.32	.42	.36	.31	.29	.29	.29	
8	.58	.45	.36	.30	.56	.44	.35	.28	.42	.34	.29	.40	.33	.29	.38	.32	.28	.26	.26	.26	
9	.54	.41	.33	.27	.53	.40	.32	.25	.38	.31	.26	.37	.30	.26	.35	.30	.25	.23	.23	.23	
10	.51	.38	.30	.24	.49	.37	.29	.23	.35	.29	.24	.34	.28	.23	.33	.27	.23	.21	.21	.21	

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