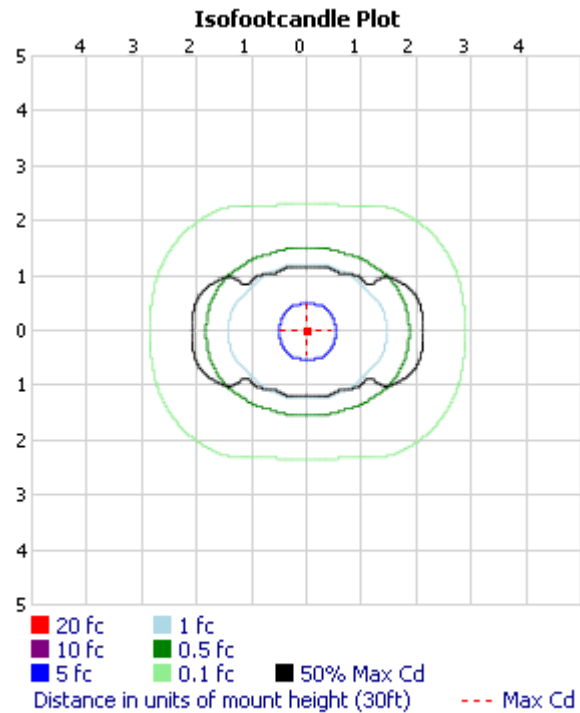
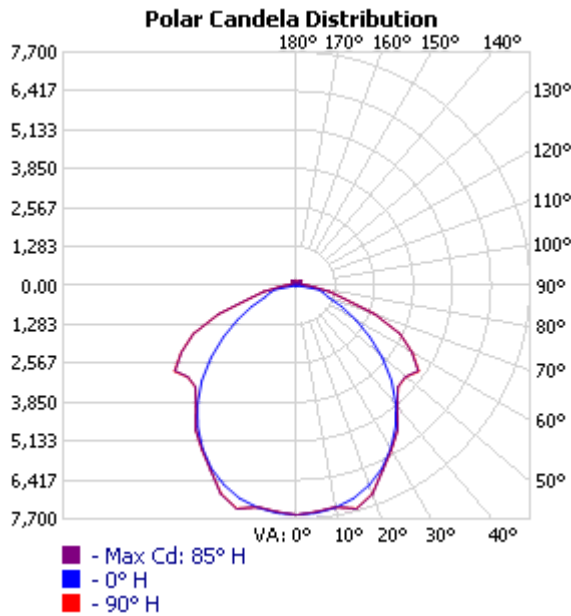


INDOOR PHOTOMETRIC REPORT

CATALOG: LUX-IK10P-L-2-SA-HO3-850-2-U10-CA2

MANUFACTURER: LUX DYNAMICS
TEST #: L051800514
TEST LAB: LIGHT LABORATORY, INC. (WWW.LIGHTLABORATORY.COM)
CATALOG: LUX-IK10P-L-2-SA-HO3-850-2-U10-CA2
DESCRIPTION: 2-BAR, 1-CHANNEL, HIGH LUMEN, ACRYLIC LENS, 2'
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 22608.1, **ABSOLUTE PHOTOMETRY ***
BALLAST / DRIVER: OSRAM OPTOTRONIC OTI 85/120-277/2A3 DIM L
INPUT WATTAGE: 163.36
LUMINOUS OPENING: RECTANGLE (L: 22.92", W: 11.52")
CIE CLASS: DIRECT
MAX CD: 7,623.0 AT HORIZONTAL: 85°, VERTICAL: 15°



***TEST BASED ON ABSOLUTE PHOTOMETRY WHERE LAMP LUMENS=LUMENS TOTAL.**

***CUTOFF CLASSIFICATION AND EFFICIENCY CANNOT BE PROPERLY CALCULATED FOR ABSOLUTE PHOTOMETRY.**

VISUAL PHOTOMETRIC TOOL 1.2.46 COPYRIGHT 2018, ACUITY BRANDS LIGHTING.

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INDOOR PHOTOMETRIC REPORT
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ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	5,886.5	26%
0-40	9,490.1	42%
0-60	16,494.9	73%
60-90	5,030.9	22.3%
70-100	2,455.1	10.9%
90-120	552.5	2.4%
0-90	21,525.8	95.2%
90-180	1,082.3	4.8%
0-180	22,608.1	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	710.4	3.1%	90-100	238.4	1.1%
10-20	2,068.3	9.1%	100-110	161.0	0.7%
20-30	3,107.8	13.7%	110-120	153.0	0.7%
30-40	3,603.6	15.9%	120-130	160.5	0.7%
40-50	3,594.6	15.9%	130-140	147.1	0.7%
50-60	3,410.2	15.1%	140-150	109.5	0.5%
60-70	2,814.2	12.4%	150-160	72.5	0.3%
70-80	1,588.5	7.0%	160-170	32.4	0.1%
80-90	628.2	2.8%	170-180	7.9	0%

LCS TABLE

BUG RATING B4 - U4 - G3

FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	2,944.6	13%
MEDIUM(30-60):	5,306.5	23.5%
HIGH(60-80):	2,202.1	9.7%
VERY HIGH(80-90):	314.2	1.4%

BACK LIGHT

LOW(0-30):	2,944.6	13%
MEDIUM(30-60):	5,306.5	23.5%
HIGH(60-80):	2,202.1	9.7%
VERY HIGH(80-90):	314.2	1.4%

UPLIGHT

LOW(90-100):	238.4	1.1%
HIGH(100-180):	843.7	3.7%

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	1.18	1.18	1.18	1.18	1.15	1.15	1.15	.95	1.08	1.08	1.08	1.03	1.03	1.03	.98	.98	.98	.95	.95	.95	
1	1.07	1.02	.98	.94	1.04	.99	.95	.79	.94	.91	.88	.90	.87	.84	.85	.83	.81	.79	.79	.79	
2	.97	.89	.82	.76	.94	.86	.80	.66	.82	.77	.72	.78	.74	.70	.74	.71	.68	.65	.65	.65	
3	.89	.78	.70	.63	.86	.76	.68	.56	.72	.66	.60	.69	.63	.59	.66	.61	.57	.55	.55	.55	
4	.81	.69	.60	.53	.78	.67	.59	.48	.64	.57	.51	.61	.55	.50	.58	.53	.49	.47	.47	.47	
5	.74	.61	.52	.46	.72	.60	.52	.42	.57	.50	.44	.55	.48	.43	.53	.47	.42	.40	.40	.40	
6	.69	.55	.46	.40	.66	.54	.46	.37	.52	.44	.39	.50	.43	.38	.48	.42	.37	.35	.35	.35	
7	.64	.50	.41	.35	.62	.49	.41	.33	.47	.40	.34	.45	.39	.34	.44	.38	.33	.31	.31	.31	
8	.59	.46	.37	.31	.57	.45	.37	.29	.43	.36	.31	.42	.35	.30	.40	.34	.30	.28	.28	.28	
9	.55	.42	.34	.28	.54	.41	.33	.27	.40	.33	.28	.38	.32	.27	.37	.31	.27	.25	.25	.25	
10	.52	.39	.31	.26	.50	.38	.31	.24	.37	.30	.25	.36	.29	.25	.34	.29	.24	.23	.23	.23	

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