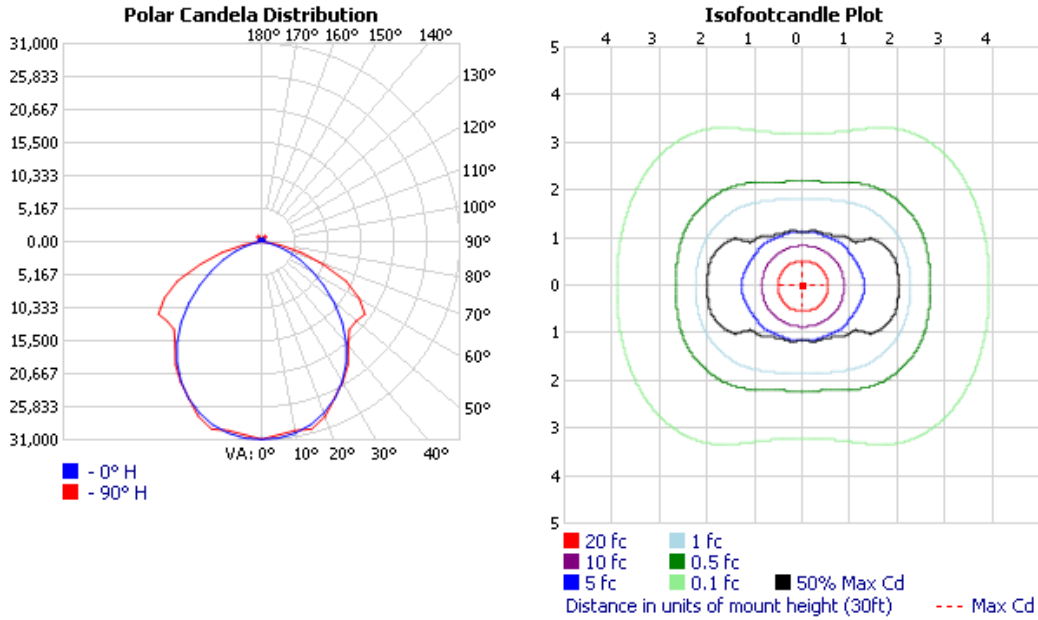


INDOOR PHOTOMETRIC REPORT

CATALOG: LUX-IK10P-L-8-TA-HO3-850-2-U10-CA2

MANUFACTURER: LUX DYNAMICS
TEST #: L051805405
TEST LAB: LIGHT LABORATORY, INC. (WWW.LIGHTLABORATORY.COM)
CATALOG: LUX-IK10P-L-8-TA-HO3-850-2-U10-CA2
DESCRIPTION: 8-BAR, 3-CHANNEL, HIGH LUMEN, ACRYLIC LENS, 2'
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 88887.4, **ABSOLUTE PHOTOMETRY ***
BALLAST / DRIVER: OSRAM OPTOTRONIC OTI 85/120-277/2A3 DIM L (8 DRIVERS)
INPUT WATTAGE: 655.39
LUMINOUS OPENING: RECTANGLE (L: 23.04", W: 29.04")
CIE CLASS: DIRECT
MAX CD: 30,888.0 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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INDOOR PHOTOMETRIC REPORT
 CATALOG: LUX-IK10P-L-8-TA-HO3-850-2-U10-CA2

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	23,765.5	26.7%
0-40	38,327.6	43.1%
0-60	66,772.7	75.1%
60-90	18,924.8	21.3%
70-100	7,866.8	8.9%
90-120	691.8	0.8%
0-90	85,697.5	96.4%
90-180	3,189.9	3.6%
0-180	88,887.4	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	2,896.4	3.3%	90-100	153.8	0.2%
10-20	8,360.6	9.4%	100-110	198.0	0.2%
20-30	12,508.5	14.1%	110-120	340.0	0.4%
30-40	14,562.1	16.4%	120-130	585.3	0.7%
40-50	14,607.4	16.4%	130-140	724.9	0.8%
50-60	13,837.7	15.6%	140-150	602.5	0.7%
60-70	11,211.8	12.6%	150-160	374.8	0.4%
70-80	6,208.4	7.0%	160-170	164.0	0.2%
80-90	1,504.6	1.7%	170-180	46.6	0.1%

LCS TABLE

BUG RATING

B5 - U5 - G5

FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	11,888.4	13.4%
MEDIUM(30-60):	21,512.9	24.2%
HIGH(60-80):	8,713.6	9.8%
VERY HIGH(80-90):	752.6	0.8%
BACK LIGHT		
LOW(0-30):	11,888.4	13.4%
MEDIUM(30-60):	21,512.9	24.2%
HIGH(60-80):	8,713.6	9.8%
VERY HIGH(80-90):	752.6	0.8%
UPLIGHT		
LOW(90-100):	153.8	0.2%
HIGH(100-180):	3,035.8	3.4%
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	.96		
1	1.08	1.03	.99	.95	1.05	1.00	.97	.81	.96	.92	.89	.91	.88	.86	.87	.85	.83	.81	.81		
2	.98	.90	.83	.77	.95	.87	.81	.68	.83	.78	.74	.80	.75	.71	.76	.72	.69	.67	.67		
3	.89	.79	.70	.64	.86	.77	.69	.58	.73	.67	.62	.70	.65	.60	.67	.62	.59	.56	.56		
4	.82	.70	.61	.54	.79	.68	.60	.50	.65	.58	.52	.62	.56	.51	.60	.54	.50	.48	.48		
5	.75	.62	.53	.46	.73	.61	.52	.43	.58	.51	.45	.56	.49	.44	.54	.48	.44	.41	.41		
6	.69	.56	.47	.41	.67	.55	.46	.38	.53	.45	.40	.51	.44	.39	.49	.43	.38	.36	.36		
7	.64	.51	.42	.36	.62	.50	.41	.34	.48	.40	.35	.46	.39	.35	.44	.39	.34	.32	.32		
8	.60	.46	.38	.32	.58	.45	.37	.30	.44	.37	.31	.42	.36	.31	.41	.35	.31	.29	.29		
9	.56	.42	.34	.29	.54	.42	.34	.27	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26	.26		
10	.52	.39	.31	.26	.51	.39	.31	.25	.37	.30	.26	.36	.30	.25	.35	.29	.25	.23	.23		

