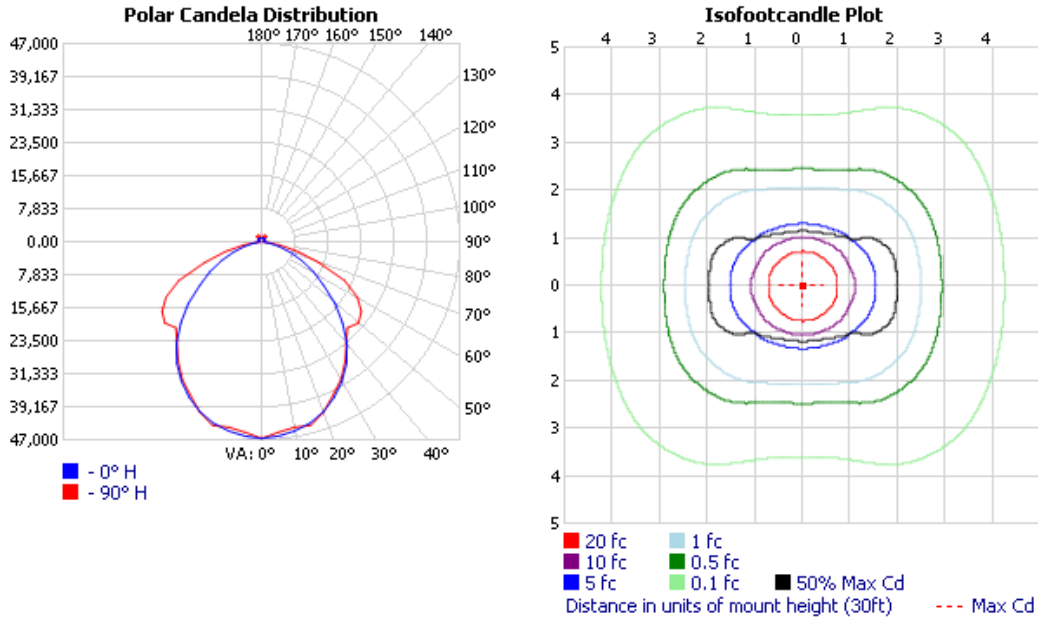


INDOOR PHOTOMETRIC REPORT

CATALOG: LUX-IK10P-L-6-DA-HO3-850-4-U10-CA4

MANUFACTURER: LUX DYNAMICS
TEST #: L051805423
TEST LAB: LIGHT LABORATORY, INC. (WWW.LIGHTLABORATORY.COM)
CATALOG: LUX-IK10P-L-6-DA-HO3-850-4-U10-CA4
DESCRIPTION: 6-BAR, 2-CHANNEL, HIGH LUMEN, ACRYLIC LENS, 4'
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 135260.5, **ABSOLUTE PHOTOMETRY ***
BALLAST / DRIVER: OSRAM OPTOTRONIC OTI 85/120-277/2A3 DIM L (12 DRIVERS)
INPUT WATTAGE: 995.3
LUMINOUS OPENING: RECTANGLE (L: 45.96", W: 20.52")
CIE CLASS: DIRECT
MAX CD: 46,636.0 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	35,403.1	26.2%
0-40	57,186.1	42.3%
0-60	100,070.2	74%
60-90	29,005.3	21.4%
70-100	12,282.9	9.1%
90-120	1,784.7	1.3%
0-90	129,075.5	95.4%
90-180	6,185.0	4.6%
0-180	135,260.5	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	4,332.8	3.2%	90-100	439.4	0.3%
10-20	12,451.0	9.2%	100-110	539.1	0.4%
20-30	18,619.3	13.8%	110-120	806.3	0.6%
30-40	21,783.1	16.1%	120-130	1,140.9	0.8%
40-50	21,934.3	16.2%	130-140	1,252.3	0.9%
50-60	20,949.8	15.5%	140-150	971.3	0.7%
60-70	17,161.8	12.7%	150-160	632.5	0.5%
70-80	9,444.1	7.0%	160-170	314.7	0.2%
80-90	2,399.4	1.8%	170-180	88.6	0.1%

LCS TABLE

BUG RATING

B5 - U5 - G5

FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	17,710.5	13.1%
MEDIUM(30-60):	32,347.0	23.9%
HIGH(60-80):	13,308.2	9.8%
VERY HIGH(80-90):	1,200.2	0.9%
BACK LIGHT		
LOW(0-30):	17,710.5	13.1%
MEDIUM(30-60):	32,347.0	23.9%
HIGH(60-80):	13,308.2	9.8%
VERY HIGH(80-90):	1,200.2	0.9%
UPLIGHT		
LOW(90-100):	439.4	0.3%
HIGH(100-180):	5,745.0	4.2%
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	10	50	30	20	10	50	30	20	10	0
RCR: 0	1.18	1.18	1.18	1.18	1.15	1.15	1.15	.95	1.09	1.09	1.09	1.03	1.03	1.03	.98	.98	.98	.95	.95	.95	
1	1.08	1.03	.98	.95	1.04	1.00	.96	.80	.95	.92	.89	.90	.88	.85	.86	.84	.82	.80	.80	.80	
2	.98	.89	.82	.77	.95	.87	.81	.67	.83	.77	.73	.79	.74	.71	.75	.72	.68	.66	.66	.66	
3	.89	.78	.70	.64	.86	.76	.69	.57	.73	.66	.61	.69	.64	.59	.66	.62	.58	.55	.55	.55	
4	.81	.69	.60	.54	.79	.68	.59	.49	.65	.57	.52	.62	.56	.51	.59	.54	.49	.47	.47	.47	
5	.75	.62	.53	.46	.72	.60	.52	.43	.58	.50	.45	.55	.49	.44	.53	.47	.43	.41	.41	.41	
6	.69	.56	.47	.40	.67	.54	.46	.37	.52	.45	.39	.50	.43	.38	.48	.42	.38	.36	.36	.36	
7	.64	.50	.42	.35	.62	.49	.41	.33	.47	.40	.35	.46	.39	.34	.44	.38	.33	.31	.31	.31	
8	.59	.46	.37	.32	.58	.45	.37	.30	.43	.36	.31	.42	.35	.30	.40	.34	.30	.28	.28	.28	
9	.56	.42	.34	.28	.54	.41	.34	.27	.40	.33	.28	.39	.32	.27	.37	.31	.27	.25	.25	.25	
10	.52	.39	.31	.26	.51	.38	.31	.24	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23	.23	.23	

