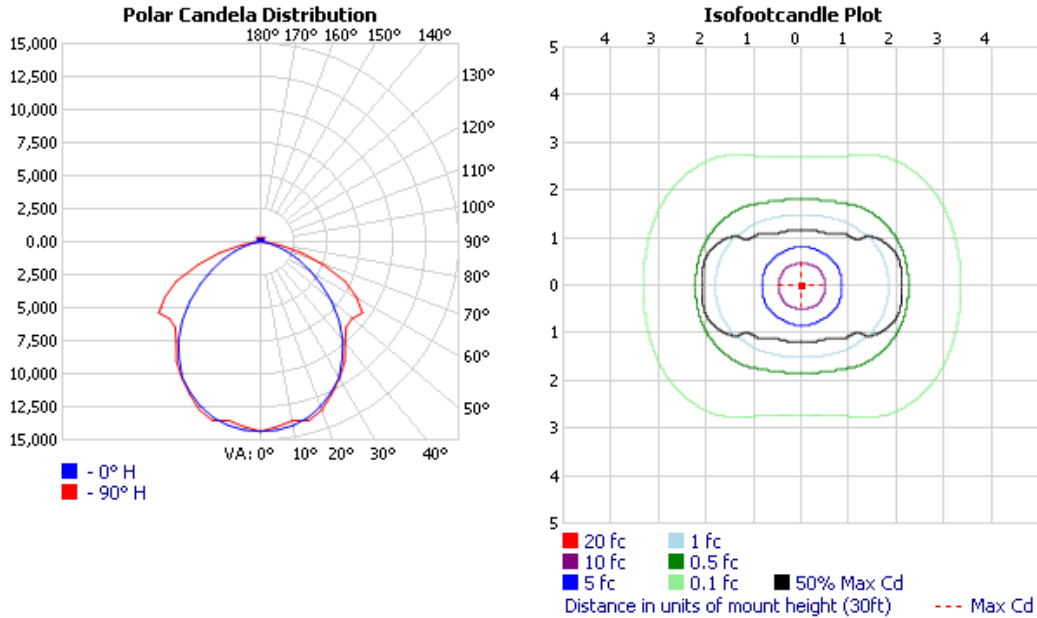


INDOOR PHOTOMETRIC REPORT

CATALOG: LUX-IK10P-E-7-DA-HO3-850-2-U10-CA2

MANUFACTURER: LUX DYNAMICS
TEST #: L051800507
TEST LAB: LIGHT LABORATORY, INC. (WWW.LIGHTLABORATORY.COM)
CATALOG: LUX-IK10P-E-7-DA-HO3-850-2-U10-CA2
DESCRIPTION: 7-BAR, 2-CHANNEL, HIGH EFFICACY, ACRYLIC LENS, 2'
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 41992.8, **ABSOLUTE PHOTOMETRY ***
BALLAST / DRIVER: OSRAM OPTOTRONIC OTI 85/120-277/2A3 DIM L (4 DRIVERS)
INPUT WATTAGE: 272.59
LUMINOUS OPENING: RECTANGLE (L: 0.58M, W: 0.52M)
CIE CLASS: DIRECT
MAX CD: 14,343.0 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	11,046.1	26.3%
0-40	17,894.6	42.6%
0-60	31,335.3	74.6%
60-90	9,207.4	21.9%
70-100	3,912.9	9.3%
90-120	315.3	0.8%
0-90	40,542.6	96.5%
90-180	1,450.1	3.5%
0-180	41,992.8	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	1,342.1	3.2%	90-100	70.9	0.2%
10-20	3,865.7	9.2%	100-110	87.4	0.2%
20-30	5,838.3	13.9%	110-120	157.0	0.4%
30-40	6,848.5	16.3%	120-130	271.2	0.6%
40-50	6,888.9	16.4%	130-140	336.7	0.8%
50-60	6,551.7	15.6%	140-150	260.7	0.6%
60-70	5,365.3	12.8%	150-160	171.2	0.4%
70-80	3,046.3	7.3%	160-170	76.3	0.2%
80-90	795.7	1.9%	170-180	18.6	0%

LCS TABLE

BUG RATING

B5 - U5 - G3

FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	5,525.6	13.2%
MEDIUM(30-60):	10,148.8	24.2%
HIGH(60-80):	4,207.4	10%
VERY HIGH(80-90):	398.0	0.9%
BACK LIGHT		
LOW(0-30):	5,525.6	13.2%
MEDIUM(30-60):	10,148.8	24.2%
HIGH(60-80):	4,207.4	10%
VERY HIGH(80-90):	398.0	0.9%
UPLIGHT		
LOW(90-100):	70.9	0.2%
HIGH(100-180):	1,379.0	3.3%
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	.97	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97			
1	1.08	1.03	.99	.95	1.05	1.00	.96	.81	.95	.92	.89	.91	.88	.86	.87	.85	.83	.80			
2	.98	.89	.82	.77	.95	.87	.81	.68	.83	.78	.73	.79	.75	.71	.76	.72	.69	.67			
3	.89	.78	.70	.63	.86	.76	.69	.57	.73	.66	.61	.70	.64	.60	.67	.62	.58	.56			
4	.81	.69	.60	.54	.79	.68	.59	.49	.65	.58	.52	.62	.56	.51	.59	.54	.50	.48			
5	.75	.62	.53	.46	.72	.60	.52	.43	.58	.51	.45	.56	.49	.44	.53	.48	.43	.41			
6	.69	.56	.47	.40	.67	.54	.46	.38	.52	.45	.39	.50	.44	.39	.48	.43	.38	.36			
7	.64	.50	.42	.35	.62	.49	.41	.33	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32			
8	.60	.46	.37	.32	.58	.45	.37	.30	.44	.36	.31	.42	.35	.31	.41	.35	.30	.28			
9	.56	.42	.34	.28	.54	.41	.34	.27	.40	.33	.28	.39	.32	.28	.37	.32	.27	.25			
10	.52	.39	.31	.26	.51	.38	.31	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23			

