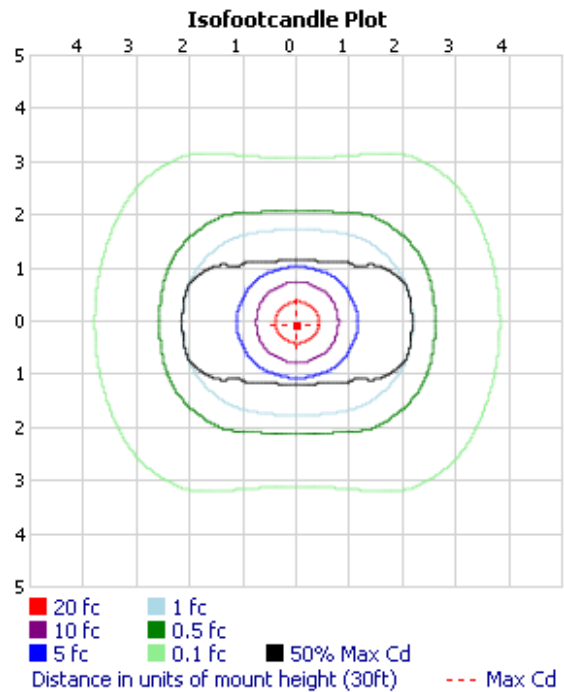
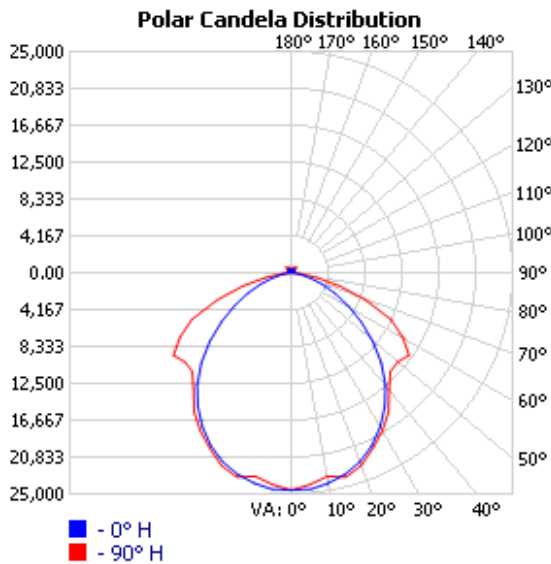


INDOOR PHOTOMETRIC REPORT

CATALOG: LUX-IK10P-E-12-DA-HO3-850-2-U10-CA2

MANUFACTURER: LUX DYNAMICS
TEST #: L051800512
TEST LAB: LIGHT LABORATORY, INC. (WWW.LIGHTLABORATORY.COM)
CATALOG: LUX-IK10P-E-12-DA-HO3-850-2-U10-CA2
DESCRIPTION: 12-BAR, 2-CHANNEL, HIGH EFFICACY, ACRYLIC LENS, 2'
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 72632.5, **ABSOLUTE PHOTOMETRY ***
BALLAST / DRIVER: OSRAM OPTOTRONIC OTI 85/120-277/2A3 DIM L (6 DRIVERS)
INPUT WATTAGE: 465.39
LUMINOUS OPENING: RECTANGLE (L: 22.92", W: 35.52")
CIE CLASS: DIRECT
MAX CD: 24,557.0 AT HORIZONTAL: 0°, VERTICAL: 5°



***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-E-12-DA-HO3-850-2-U10-CA2

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	18,861.8	26%
0-40	30,612.3	42.1%
0-60	53,861.4	74.2%
60-90	16,179.3	22.3%
70-100	6,919.7	9.5%
90-120	553.4	0.8%
0-90	70,040.6	96.4%
90-180	2,591.9	3.6%
0-180	72,632.5	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	2,291.6	3.2%	90-100	122.2	0.2%
10-20	6,590.8	9.1%	100-110	154.6	0.2%
20-30	9,979.4	13.7%	110-120	276.6	0.4%
30-40	11,750.5	16.2%	120-130	490.5	0.7%
40-50	11,884.0	16.4%	130-140	604.1	0.8%
50-60	11,365.1	15.6%	140-150	466.8	0.6%
60-70	9,381.8	12.9%	150-160	306.7	0.4%
70-80	5,360.7	7.4%	160-170	136.9	0.2%
80-90	1,436.8	2.0%	170-180	33.5	0%

LCS TABLE

BUG RATING

B5 - U5 - G4

FORWARD LIGHT

LUMENS LUMENS %

LOW(0-30):	9,435.2	13%
MEDIUM(30-60):	17,506.9	24.1%
HIGH(60-80):	7,374.0	10.2%
VERY HIGH(80-90):	718.6	1%

BACK LIGHT

LOW(0-30):	9,435.2	13%
MEDIUM(30-60):	17,506.9	24.1%
HIGH(60-80):	7,374.0	10.2%
VERY HIGH(80-90):	718.6	1%

UPLIGHT

LOW(90-100):	122.2	0.2%
HIGH(100-180):	2,469.2	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	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	.96	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.96			
1	1.08	1.03	.98	.94	1.05	1.00	.96	.81	.95	.92	.89	.91	.88	.86	.87	.84	.82	.80			
2	.98	.89	.82	.76	.95	.87	.81	.68	.83	.78	.73	.79	.75	.71	.75	.72	.69	.66			
3	.89	.78	.70	.63	.86	.76	.69	.57	.73	.66	.61	.69	.64	.59	.66	.62	.58	.55			
4	.81	.69	.60	.53	.79	.67	.59	.49	.64	.57	.52	.62	.56	.51	.59	.54	.49	.47			
5	.75	.62	.52	.46	.72	.60	.52	.43	.58	.50	.45	.55	.49	.44	.53	.47	.43	.41			
6	.69	.55	.46	.40	.67	.54	.46	.37	.52	.45	.39	.50	.43	.38	.48	.42	.38	.36			
7	.64	.50	.41	.35	.62	.49	.41	.33	.47	.40	.34	.46	.39	.34	.44	.38	.33	.31			
8	.59	.46	.37	.31	.58	.45	.37	.30	.43	.36	.31	.42	.35	.30	.40	.34	.30	.28			
9	.55	.42	.34	.28	.54	.41	.33	.27	.40	.33	.28	.38	.32	.27	.37	.31	.27	.25			
10	.52	.39	.31	.26	.51	.38	.30	.24	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23			

