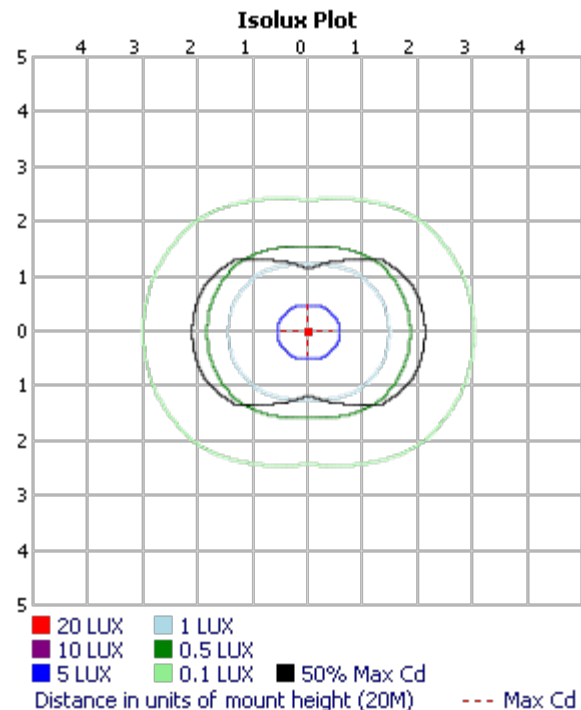
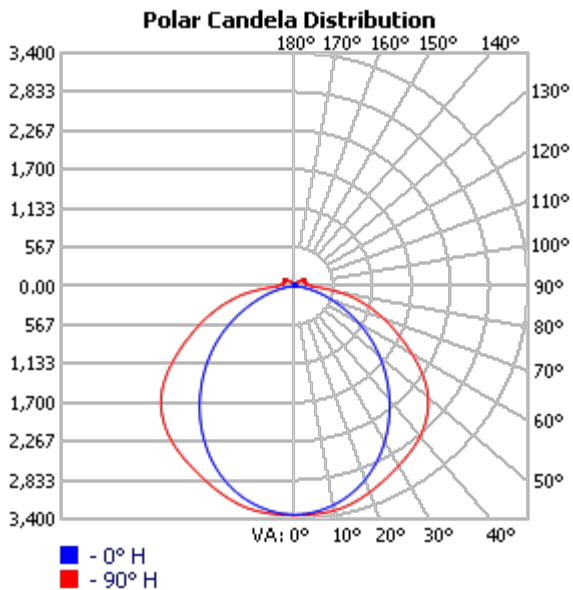


MANUFACTURER: LUX DYNAMICS, RENO, NV 89502
TEST #: LLI-17187-10
TEST LAB: LIGHTLAB INTERNATIONAL (WWW.LIGHTLABINT.COM)
TEST DATE: THIS FILE CREATED: MONDAY, JULY 10, 2017 4:33:22 PM
CATALOG: LUX-IK10-2-S-HO2-850-2'-U10-CA2'
DESCRIPTION: LUX DYNAMICS - HIGH BAY LUMINAIRE. PRODUCT ID: LUX-IK10-2-S-HO2-850-2'-U10-CA2' EXTRUDED ALUMINUM DRIVER HOUSING AND LED BARS WITH CLEAR PLASTIC LENSES. 224 LEDS MOUNTED IN ONE 2X56 ARRAY ON EACH OF 2 BARS. 1 OSRAM OPTOTRONIC LED DRIVER. MODEL: OTI 85/120-277/2A3 DIM L SET TO 1950 MA. OPERATING AT 120 VAC AND 60 HZ.
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 10963.9, **ABSOLUTE PHOTOMETRY ***
INPUT WATTAGE: 90.1
LUMINOUS OPENING: RECTANGLE (L: 23.27", W: 3.5")
MAX CD: 3,343.3 AT HORIZONTAL: 90°, VERTICAL: 0.5°
ROADWAY CLASS: VERY SHORT, TYPE II

No
Photo
Available



*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 2017, ACUITY BRANDS LIGHTING.

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ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	2,610.3	23.8%
0-40	4,316.5	39.4%
0-60	7,886.0	71.9%
60-90	2,553.4	23.3%
70-100	1,338.3	12.2%
90-120	336.6	3.1%
0-90	10,439.4	95.2%
90-180	524.5	4.8%
0-180	10,963.9	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	316.5	2.9%	90-100	131.7	1.2%
10-20	909.3	8.3%	100-110	105.1	1%
20-30	1,384.5	12.6%	110-120	99.7	0.9%
30-40	1,706.2	15.6%	120-130	80.0	0.7%
40-50	1,843.2	16.8%	130-140	48.1	0.4%
50-60	1,726.4	15.7%	140-150	28.0	0.3%
60-70	1,346.9	12.3%	150-160	18.6	0.2%
70-80	853.9	7.8%	160-170	10.3	0.1%
80-90	352.7	3.2%	170-180	2.9	0%

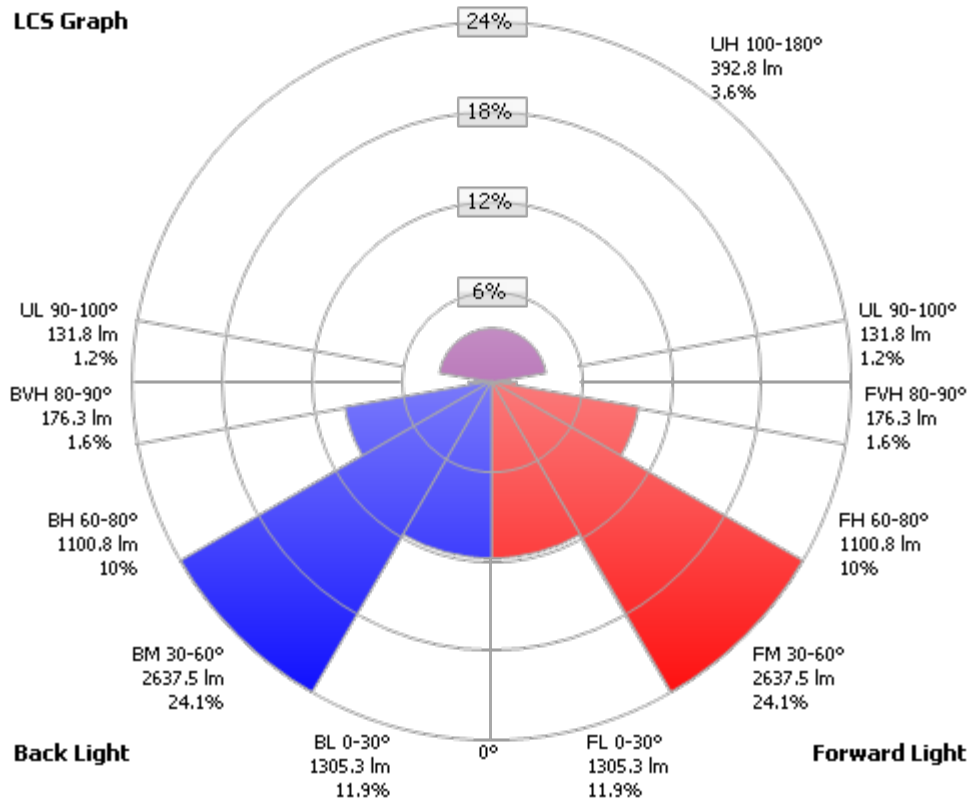
ROADWAY SUMMARY

DISTRIBUTION: TYPE II, VERY SHORT		
	LUMENS	% LAMP
MAX CD, 90 DEG VERT:	262.7	
MAX CD, 80 TO <90 DEG:	818.3	
DOWNWARD STREET SIDE:	5,219.8	47.6%
DOWNWARD HOUSE SIDE:	5,219.8	47.6%
DOWNWARD TOTAL:	10,439.6	95.2%
UPWARD STREET SIDE:	262.3	2.4%
UPWARD HOUSE SIDE:	262.3	2.4%
UPWARD TOTAL:	524.5	4.8%
TOTAL LUMENS:	10,964.2	100%

LCS TABLE

BUG RATING	B3 - U3 - G3	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	1,305.3	11.9%
MEDIUM(30-60):	2,637.5	24.1%
HIGH(60-80):	1,100.8	10%
VERY HIGH(80-90):	176.3	1.6%
BACK LIGHT		
LOW(0-30):	1,305.3	11.9%
MEDIUM(30-60):	2,637.5	24.1%
HIGH(60-80):	1,100.8	10%
VERY HIGH(80-90):	176.3	1.6%
UPLIGHT		
LOW(90-100):	131.8	1.2%
HIGH(100-180):	392.8	3.6%
TRAPPED LIGHT:	0.000	0%

LCS Graph



Back Light

Forward Light

Scale = Max LCS %

☉ Trapped Light: 0lm, 0%

CANDELA TABLE - TYPE C					
	0	22.5	45	67.5	90
0	3340	3340	3340	3340	3340
5	3308	3327	3329	3334	3340
10	3243	3273	3294	3313	3323
15	3142	3184	3233	3263	3275
20	3002	3066	3144	3183	3199
25	2829	2920	3030	3089	3112
30	2623	2750	2900	2993	3028
35	2394	2561	2766	2900	2947
40	2148	2355	2623	2794	2850
45	1893	2134	2461	2658	2719
50	1631	1896	2270	2478	2539
55	1362	1634	2043	2240	2286
60	1085	1356	1780	1946	1975
65	813	1075	1489	1635	1663
70	568	803	1187	1339	1383
75	360	554	891	1051	1098
80	193	337	614	781	818
85	70	160	346	463	482
90	0	43	160	250	263
95	3	35	136	201	206
100	6	36	123	173	179
105	9	40	110	157	168
110	12	35	121	146	157
115	15	31	118	169	163
120	18	33	103	169	187
125	21	33	82	147	167
130	23	34	64	121	140
135	25	37	53	89	107
140	27	38	46	67	78
145	28	38	43	50	61
150	29	39	43	46	48
155	29	38	42	43	45
160	28	30	41	44	44
165	27	31	39	41	43
170	28	27	30	41	42
175	28	28	27	32	31
180	28	28	28	28	28