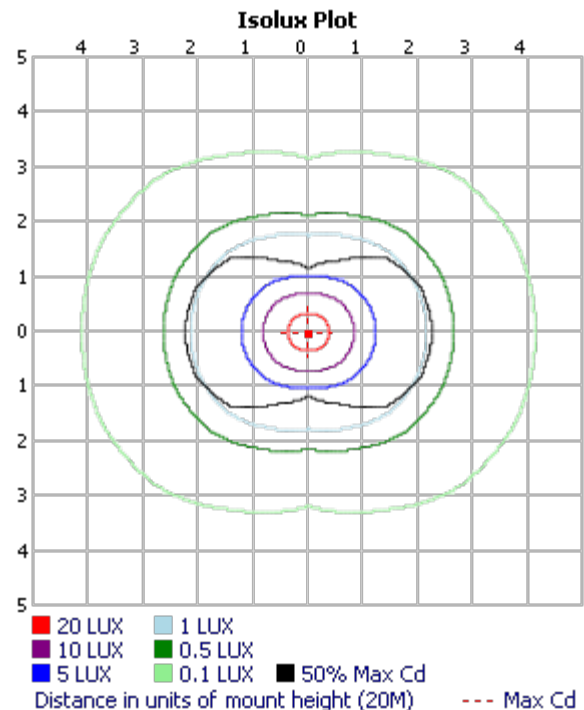
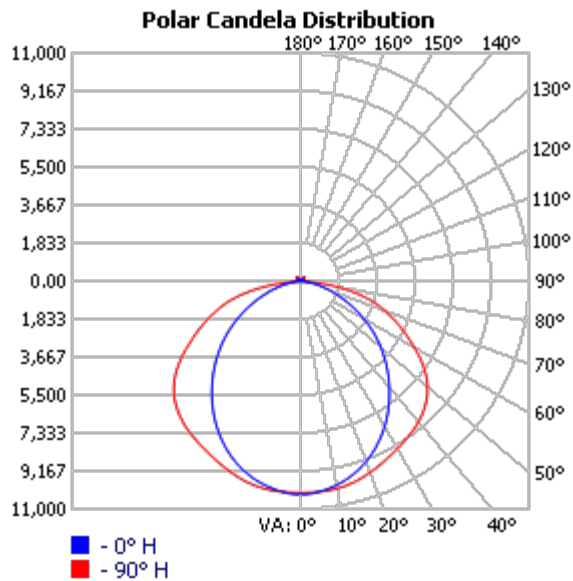


**MANUFACTURER:** LUX DYNAMICS, RENO, NV 89502  
**TEST #:** LLI-17187-5  
**TEST LAB:** LIGHTLAB INTERNATIONAL (WWW.LIGHTLABINT.COM)  
**TEST DATE:** THIS FILE CREATED: WEDNESDAY, JULY 12, 2017 2:43:22 PM  
**CATALOG:** LUX-IK10-6-T-HO2-850-2'-U10-CA2'  
**DESCRIPTION:** LUX DYNAMICS - HIGH BAY LUMINAIRE. PRODUCT ID: LUX-IK10-6-T-HO2-850-2'-U10-CA2' EXTRUDED ALUMINUM DRIVER HOUSING AND LED BARS WITH CLEAR PLASTIC LENSES. 672 LEDS MOUNTED IN ONE 2X56 ARRAY ON EACH OF 6 BARS. 3 OSRAM OPTOTRONIC LED DRIVERS. MODEL: OTI 85/120-277/2A3 DIM L SET TO 1950 MA. OPERATING AT 120 VAC AND 60 HZ.  
**LAMP OUTPUT:** TOTAL LUMINAIRE LUMENS: 32727.1, **ABSOLUTE PHOTOMETRY \***  
**INPUT WATTAGE:** 272  
**LUMINOUS OPENING:** RECTANGLE (L: 23.27", W: 9.49")  
**MAX CD:** 10,282.3 AT HORIZONTAL: 0°, 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	8,011.9	24.5%
0-40	13,277.1	40.6%
0-60	24,439.5	74.7%
60-90	7,777.9	23.8%
70-100	3,489.6	10.7%
90-120	133.8	0.4%
0-90	32,217.3	98.4%
90-180	509.8	1.6%
0-180	32,727.1	100%

**LUMENS PER ZONE**

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	968.8	3.0%	90-100	10.0	0%
10-20	2,787.2	8.5%	100-110	46.8	0.1%
20-30	4,255.9	13.0%	110-120	77.0	0.2%
30-40	5,265.3	16.1%	120-130	108.0	0.3%
40-50	5,731.0	17.5%	130-140	108.1	0.3%
50-60	5,431.3	16.6%	140-150	70.6	0.2%
60-70	4,298.3	13.1%	150-160	49.5	0.2%
70-80	2,709.1	8.3%	160-170	29.3	0.1%
80-90	770.5	2.4%	170-180	10.4	0%

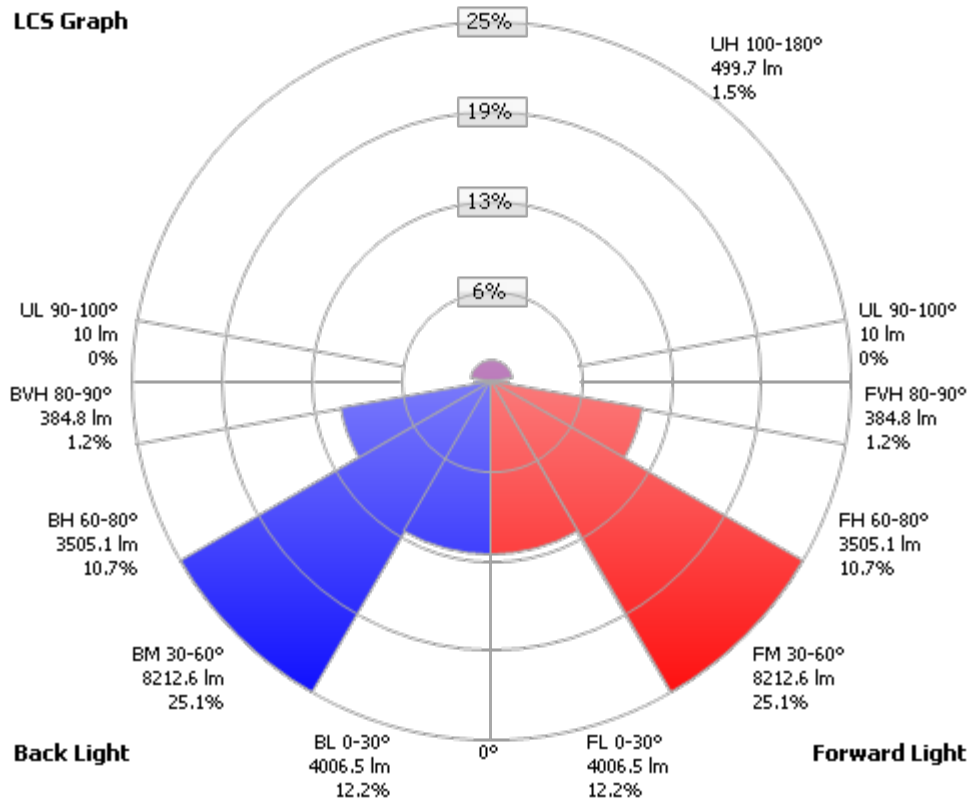
**ROADWAY SUMMARY**

DISTRIBUTION: TYPE II, VERY SHORT		
MAX CD, 90 DEG VERT:		0.000
MAX CD, 80 TO <90 DEG:		2,191.2
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	16,109.0	49.2%
DOWNWARD HOUSE SIDE:	16,109.0	49.2%
DOWNWARD TOTAL:	32,218.1	98.4%
UPWARD STREET SIDE:	254.8	0.8%
UPWARD HOUSE SIDE:	254.8	0.8%
UPWARD TOTAL:	509.7	1.6%
TOTAL LUMENS:	32,727.7	100%

**LCS TABLE**

BUG RATING	B4 - U3 - G4	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	4,006.5	12.2%
MEDIUM(30-60):	8,212.6	25.1%
HIGH(60-80):	3,505.1	10.7%
VERY HIGH(80-90):	384.8	1.2%
<b>BACK LIGHT</b>		
LOW(0-30):	4,006.5	12.2%
MEDIUM(30-60):	8,212.6	25.1%
HIGH(60-80):	3,505.1	10.7%
VERY HIGH(80-90):	384.8	1.2%
<b>UPLIGHT</b>		
LOW(90-100):	10.0	0%
HIGH(100-180):	499.7	1.5%
<b>TRAPPED LIGHT:</b>	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	10217	10217	10217	10217	10217
5	10196	10183	10171	10189	10196
10	9982	10028	10076	10132	10154
15	9668	9755	9910	9990	10022
20	9246	9394	9655	9763	9808
25	8713	8958	9317	9497	9563
30	8089	8450	8933	9224	9320
35	7391	7880	8529	8961	9096
40	6646	7265	8109	8675	8838
45	5874	6603	7636	8300	8485
50	5082	5881	7079	7799	7978
55	4267	5092	6410	7098	7236
60	3419	4255	5626	6217	6293
65	2586	3408	4750	5244	5350
70	1822	2583	3811	4295	4413
75	1170	1813	2852	3352	3443
80	638	1114	1895	2191	2166
85	234	495	838	820	744
90	0	0	0	0	0
95	11	10	9	9	9
100	22	23	22	24	24
105	35	86	24	34	35
110	43	126	60	26	27
115	46	98	111	60	55
120	53	82	146	89	62
125	60	87	176	131	141
130	68	87	140	195	193
135	74	87	109	209	268
140	83	90	105	152	202
145	91	92	108	121	145
150	98	95	102	119	131
155	101	98	102	114	122
160	99	103	97	114	116
165	97	99	100	103	107
170	102	108	116	104	101
175	106	109	114	110	104
180	109	109	109	109	109