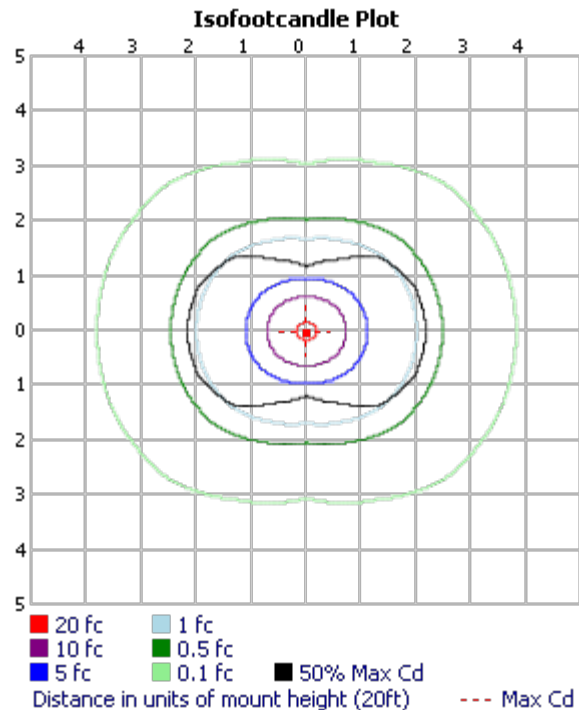
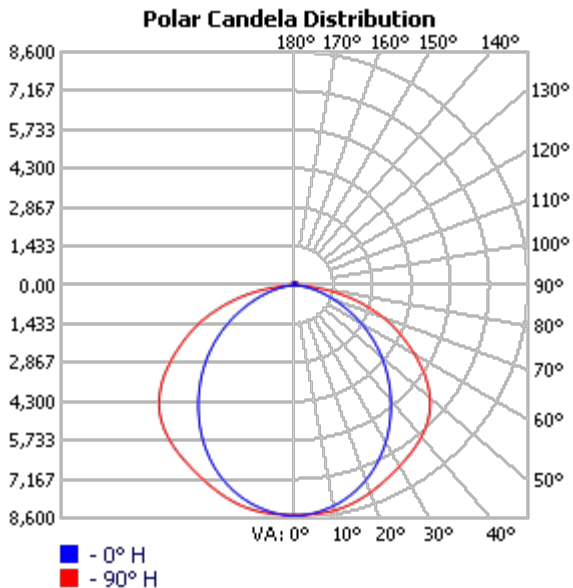


MANUFACTURER: LUX DYNAMICS, RENO, NV 89502
TEST #: LLI-17187-6
TEST LAB: LIGHTLAB INTERNATIONAL (WWW.LIGHTLABINT.COM)
TEST DATE: THIS FILE CREATED: WEDNESDAY, JULY 12, 2017 2:31:45 PM
CATALOG: LUX-IK10-5-D-HO2-850-2'-U10-CA2'
DESCRIPTION: LUX DYNAMICS - HIGH BAY LUMINAIRE. PRODUCT ID: LUX-IK10-5-D-HO2-850-2'-U10-CA2' EXTRUDED ALUMINUM DRIVER HOUSING AND LED BARS WITH CLEAR PLASTIC LENSES. 560 LEDS MOUNTED IN ONE 2X56 ARRAY ON EACH OF 5 BARS. 3 OSRAM OPTOTRONIC LED DRIVERS. MODEL: OTI 85/120-277/2A3 DIM L SET TO 1950 MA AND 975 MA. OPERATING AT 120 VAC AND 60 HZ.
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 26626.5, **ABSOLUTE PHOTOMETRY ***
INPUT WATTAGE: 225
LUMINOUS OPENING: RECTANGLE (L: 23.27", W: 9.49")
MAX CD: 8,507.5 AT HORIZONTAL: 0°, VERTICAL: 0.5°
ROADWAY CLASS: TYPE VS

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	6,642.1	24.9%
0-40	10,996.3	41.3%
0-60	20,163.6	75.7%
60-90	6,172.9	23.2%
70-100	2,688.5	10.1%
90-120	62.5	0.2%
0-90	26,336.5	98.9%
90-180	290.0	1.1%
0-180	26,626.5	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	803.9	3.0%	90-100	5.0	0%
10-20	2,311.5	8.7%	100-110	25.2	0.1%
20-30	3,526.7	13.2%	110-120	32.4	0.1%
30-40	4,354.2	16.4%	120-130	44.3	0.2%
40-50	4,721.3	17.7%	130-140	52.0	0.2%
50-60	4,446.0	16.7%	140-150	57.2	0.2%
60-70	3,489.4	13.1%	150-160	43.5	0.2%
70-80	2,106.0	7.9%	160-170	23.9	0.1%
80-90	577.5	2.2%	170-180	6.5	0%

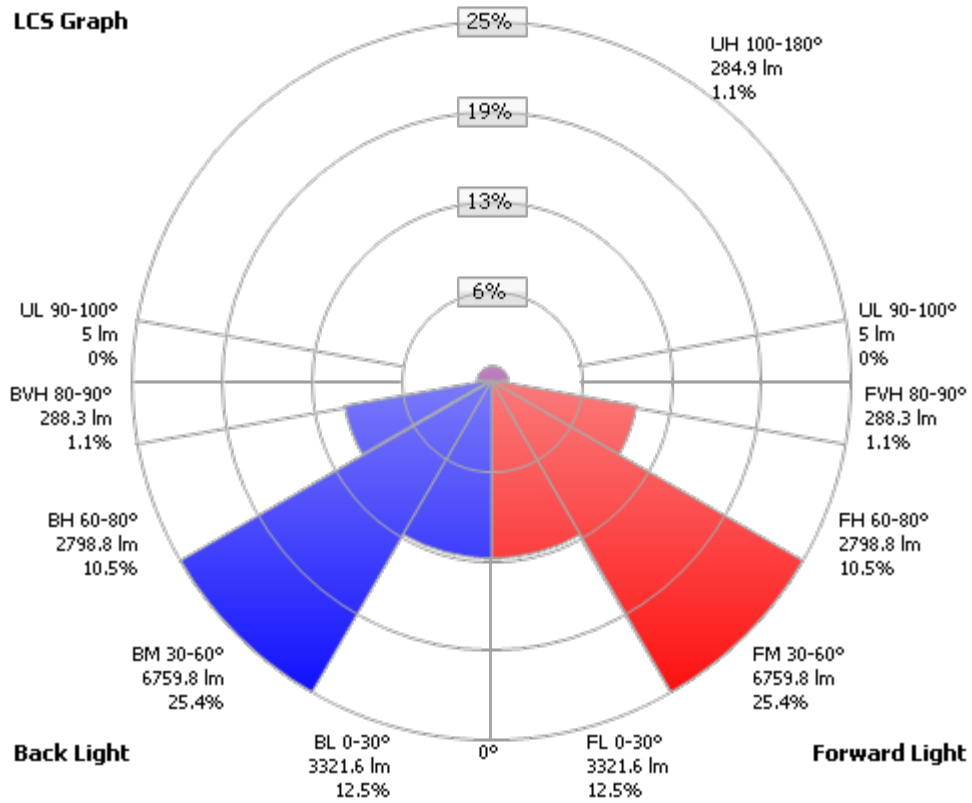
ROADWAY SUMMARY

DISTRIBUTION:	TYPE VS
MAX CD, 90 DEG VERT:	0.000
MAX CD, 80 TO <90 DEG:	1,584.5
	LUMENS % LAMP
DOWNWARD STREET SIDE:	13,168.6 49.5%
DOWNWARD HOUSE SIDE:	13,168.6 49.5%
DOWNWARD TOTAL:	26,337.1 98.9%
UPWARD STREET SIDE:	145.0 0.5%
UPWARD HOUSE SIDE:	145.0 0.5%
UPWARD TOTAL:	289.9 1.1%
TOTAL LUMENS:	26,627.1 100%

LCS TABLE

BUG RATING	B4 - U3 - G3	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	3,321.6	12.5%
MEDIUM(30-60):	6,759.8	25.4%
HIGH(60-80):	2,798.8	10.5%
VERY HIGH(80-90):	288.3	1.1%
BACK LIGHT		
LOW(0-30):	3,321.6	12.5%
MEDIUM(30-60):	6,759.8	25.4%
HIGH(60-80):	2,798.8	10.5%
VERY HIGH(80-90):	288.3	1.1%
UPLIGHT		
LOW(90-100):	5.0	0%
HIGH(100-180):	284.9	1.1%
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	8481	8481	8481	8481	8481
5	8440	8439	8447	8462	8475
10	8266	8307	8365	8414	8437
15	8009	8082	8220	8290	8324
20	7657	7786	8003	8099	8145
25	7220	7423	7719	7869	7932
30	6705	7002	7395	7630	7718
35	6129	6527	7055	7398	7518
40	5514	6014	6697	7138	7280
45	4877	5462	6293	6812	6971
50	4223	4862	5815	6367	6512
55	3547	4209	5249	5762	5884
60	2852	3517	4576	5024	5105
65	2165	2807	3837	4228	4312
70	1537	2109	3060	3411	3466
75	994	1463	2254	2501	2531
80	546	881	1426	1585	1563
85	202	373	611	600	562
90	0	0	0	0	0
95	9	6	5	0	0
100	18	13	13	11	10
105	25	34	19	22	23
110	27	44	29	27	28
115	28	49	32	9	10
120	30	64	49	54	30
125	37	60	51	61	20
130	43	71	49	60	70
135	49	67	77	49	67
140	55	77	103	77	57
145	64	85	110	116	85
150	71	88	102	96	103
155	73	85	102	111	105
160	71	75	98	105	97
165	66	69	92	96	94
170	64	64	74	83	88
175	62	64	61	66	67
180	57	57	57	57	57