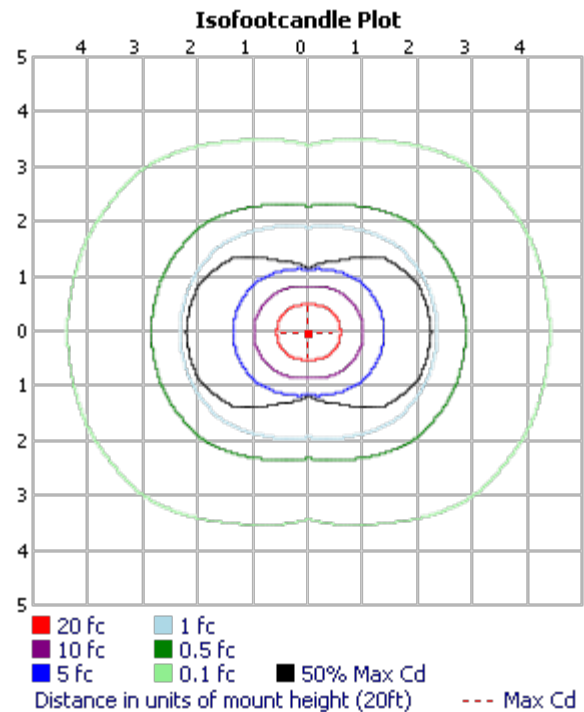
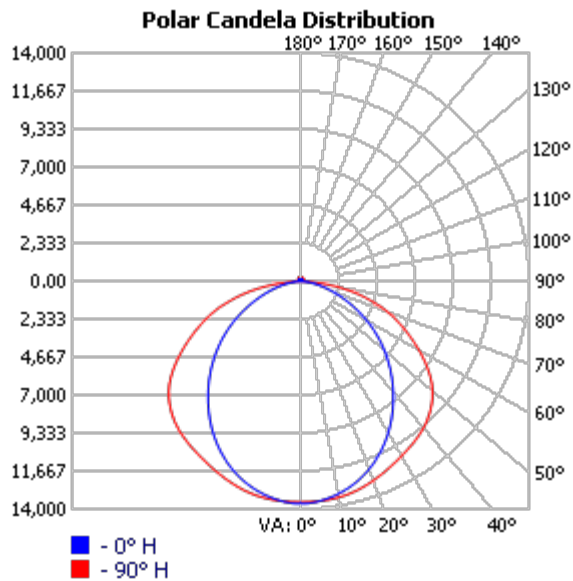


MANUFACTURER: LUX DYNAMICS, RENO, NV 89502
TEST #: LLI-17187-4
TEST LAB: LIGHTLAB INTERNATIONAL (WWW.LIGHTLABINT.COM)
TEST DATE: THIS FILE CREATED: WEDNESDAY, JULY 12, 2017 2:53:32 PM
CATALOG: LUX-IK10-8-T-HO2-850-2'-U10-CA2'
DESCRIPTION: LUX DYNAMICS - HIGH BAY LUMINAIRE. PRODUCT ID: LUX-IK10-8-T-HO2-850-2'-U10-CA2' EXTRUDED ALUMINUM DRIVER HOUSING AND LED BARS WITH CLEAR PLASTIC LENSES. 896 LEDS MOUNTED IN ONE 2X56 ARRAY ON EACH OF 8 BARS. 4 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: 43240.6, **ABSOLUTE PHOTOMETRY ***
INPUT WATTAGE: 361.4
LUMINOUS OPENING: RECTANGLE (L: 23.27", W: 15.51")
MAX CD: 13,661.8 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	10,638.4	24.6%
0-40	17,628.2	40.8%
0-60	32,416.1	75%
60-90	10,210.7	23.6%
70-100	4,541.7	10.5%
90-120	174.5	0.4%
0-90	42,626.8	98.6%
90-180	613.8	1.4%
0-180	43,240.6	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	1,287.1	3.0%	90-100	11.7	0%
10-20	3,700.5	8.6%	100-110	60.6	0.1%
20-30	5,650.8	13.1%	110-120	102.1	0.2%
30-40	6,989.8	16.2%	120-130	114.8	0.3%
40-50	7,599.5	17.6%	130-140	114.3	0.3%
50-60	7,188.4	16.6%	140-150	96.5	0.2%
60-70	5,680.7	13.1%	150-160	63.7	0.1%
70-80	3,520.6	8.1%	160-170	37.2	0.1%
80-90	1,009.4	2.3%	170-180	12.9	0%

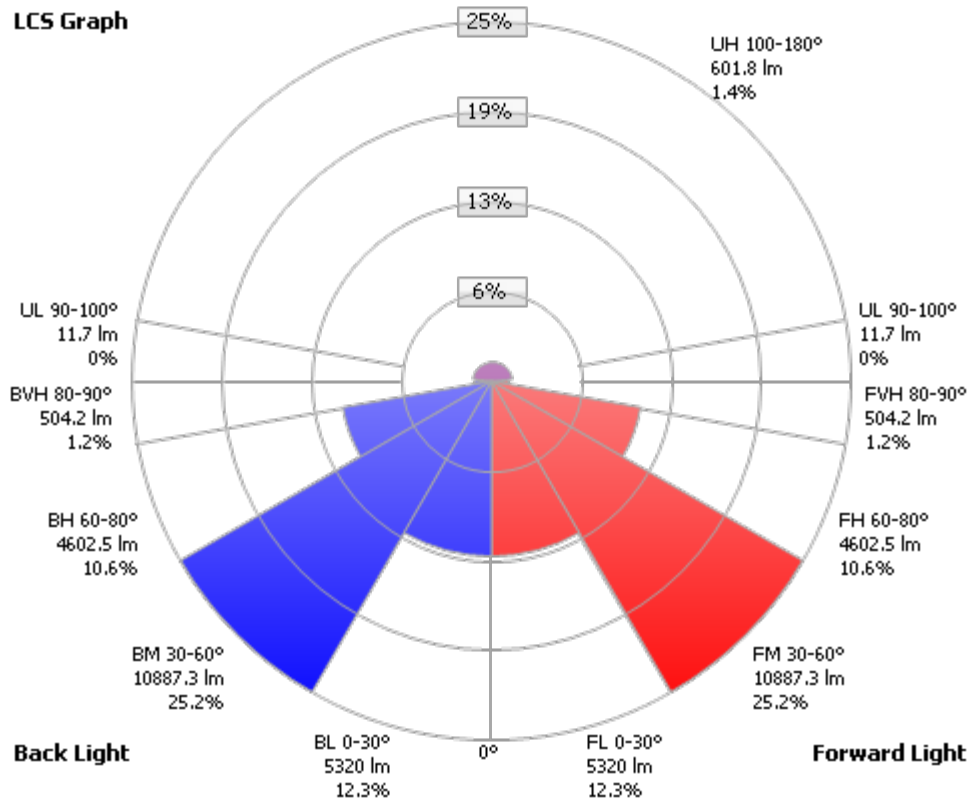
ROADWAY SUMMARY

DISTRIBUTION: TYPE II, VERY SHORT		
MAX CD, 90 DEG VERT:		0.000
MAX CD, 80 TO <90 DEG:		2,783.5
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	21,314.1	49.3%
DOWNWARD HOUSE SIDE:	21,314.1	49.3%
DOWNWARD TOTAL:	42,628.1	98.6%
UPWARD STREET SIDE:	306.7	0.7%
UPWARD HOUSE SIDE:	306.7	0.7%
UPWARD TOTAL:	613.4	1.4%
TOTAL LUMENS:	43,241.6	100%

LCS TABLE

BUG RATING	B5 - U4 - G4	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	5,320.0	12.3%
MEDIUM(30-60):	10,887.3	25.2%
HIGH(60-80):	4,602.5	10.6%
VERY HIGH(80-90):	504.2	1.2%
BACK LIGHT		
LOW(0-30):	5,320.0	12.3%
MEDIUM(30-60):	10,887.3	25.2%
HIGH(60-80):	4,602.5	10.6%
VERY HIGH(80-90):	504.2	1.2%
UPLIGHT		
LOW(90-100):	11.7	0%
HIGH(100-180):	601.8	1.4%
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	13582	13582	13582	13582	13582
5	13540	13540	13514	13537	13545
10	13259	13330	13382	13449	13473
15	12840	12960	13156	13258	13296
20	12274	12476	12813	12966	13018
25	11567	11891	12364	12616	12701
30	10738	11215	11854	12255	12382
35	9813	10461	11319	11902	12079
40	8825	9641	10756	11516	11730
45	7800	8758	10128	11006	11237
50	6750	7798	9383	10314	10555
55	5668	6755	8476	9385	9560
60	4550	5650	7428	8202	8330
65	3447	4524	6250	6927	7057
70	2443	3417	5011	5658	5814
75	1574	2382	3749	4262	4333
80	863	1454	2435	2783	2748
85	324	639	1097	1091	992
90	0	0	0	0	0
95	17	13	11	11	11
100	29	35	31	27	24
105	45	83	45	50	50
110	55	117	115	51	47
115	60	127	118	98	96
120	68	118	138	109	103
125	77	117	138	139	172
130	86	115	163	144	182
135	93	116	166	164	184
140	101	120	147	218	228
145	109	121	138	191	223
150	117	123	132	166	184
155	119	125	136	144	168
160	118	129	130	149	143
165	115	127	129	135	140
170	120	135	148	132	124
175	124	129	146	139	133
180	130	130	130	130	130