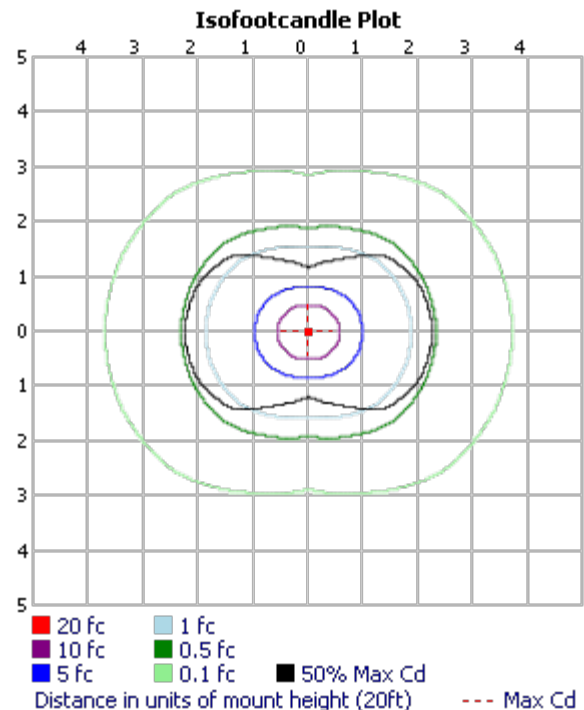
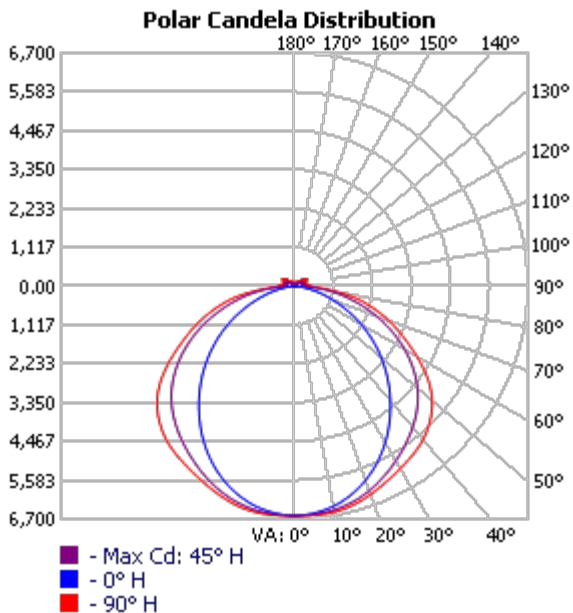


MANUFACTURER: LUX DYNAMICS, RENO, NV 89502
TEST #: LLI-17186-14
TEST LAB: LIGHTLAB INTERNATIONAL (WWW.LIGHTLABINT.COM)
TEST DATE: THIS FILE CREATED: TUESDAY, JULY 11, 2017 8:47:42 AM
CATALOG: LUX-IK10-2-S-HO2-850-4'-U10-CA4'
DESCRIPTION: LUX DYNAMICS - HIGH BAY LUMINAIRE. PRODUCT ID: LUX-IK10-2-S-HO2-850-4'-U10-CA4' EXTRUDED ALUMINUM DRIVER HOUSING AND LED BARS WITH CLEAR PLASTIC LENSES. 448 LEDS MOUNTED IN TWO 2X56 ARRAYS ON EACH OF 2 BARS. 2 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: 22235.9, **ABSOLUTE PHOTOMETRY ***
INPUT WATTAGE: 180.8
LUMINOUS OPENING: RECTANGLE (L: 45.98", W: 3.5")
MAX CD: 6,607.4 AT HORIZONTAL: 45°, VERTICAL: 0.5°
ROADWAY CLASS: VERY SHORT, TYPE II



*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	5,189.0	23.3%
0-40	8,603.9	38.7%
0-60	15,832.9	71.2%
60-90	5,287.4	23.8%
70-100	2,763.4	12.4%
90-120	699.0	3.1%
0-90	21,120.3	95%
90-180	1,115.6	5%
0-180	22,235.9	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	626.5	2.8%	90-100	262.4	1.2%
10-20	1,804.9	8.1%	100-110	220.3	1%
20-30	2,757.7	12.4%	110-120	216.3	1%
30-40	3,414.9	15.4%	120-130	171.3	0.8%
40-50	3,714.0	16.7%	130-140	101.7	0.5%
50-60	3,515.0	15.8%	140-150	64.8	0.3%
60-70	2,786.4	12.5%	150-160	44.1	0.2%
70-80	1,795.5	8.1%	160-170	26.5	0.1%
80-90	705.6	3.2%	170-180	8.2	0%

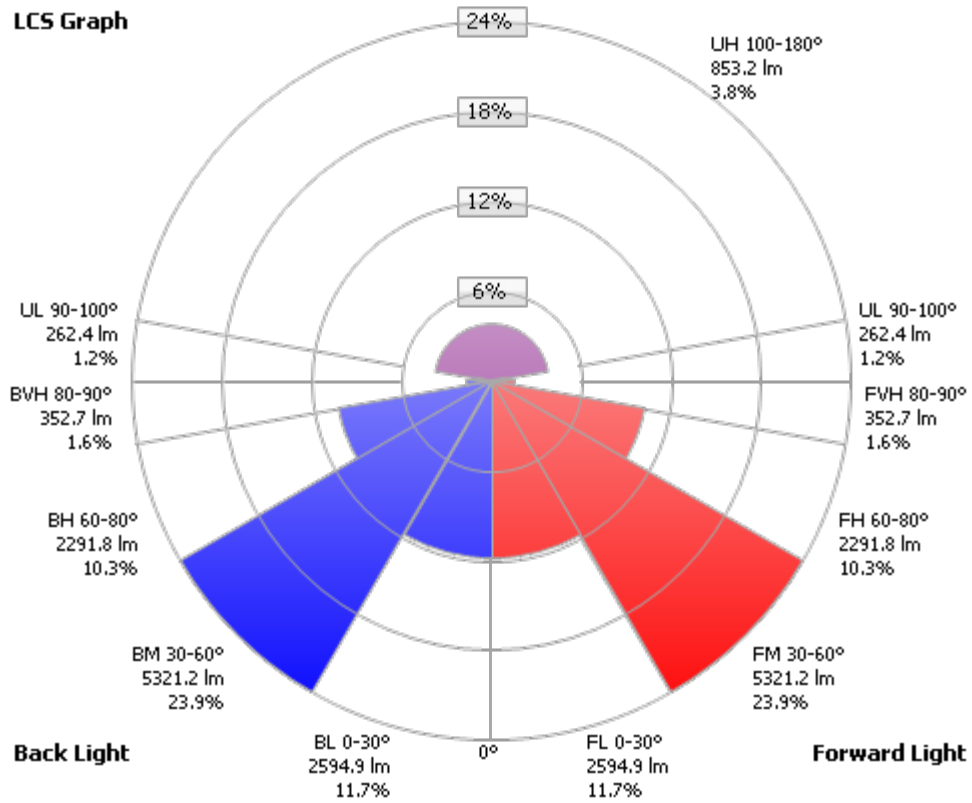
ROADWAY SUMMARY

DISTRIBUTION: TYPE II, VERY SHORT		
MAX CD, 90 DEG VERT:		470.8
MAX CD, 80 TO <90 DEG:		1,632.9
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	10,560.6	47.5%
DOWNWARD HOUSE SIDE:	10,560.6	47.5%
DOWNWARD TOTAL:	21,121.1	95%
UPWARD STREET SIDE:	557.8	2.5%
UPWARD HOUSE SIDE:	557.8	2.5%
UPWARD TOTAL:	1,115.7	5%
TOTAL LUMENS:	22,236.8	100%

LCS TABLE

BUG RATING	B4 - U4 - G3	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	2,594.9	11.7%
MEDIUM(30-60):	5,321.2	23.9%
HIGH(60-80):	2,291.8	10.3%
VERY HIGH(80-90):	352.7	1.6%
BACK LIGHT		
LOW(0-30):	2,594.9	11.7%
MEDIUM(30-60):	5,321.2	23.9%
HIGH(60-80):	2,291.8	10.3%
VERY HIGH(80-90):	352.7	1.6%
UPLIGHT		
LOW(90-100):	262.4	1.2%
HIGH(100-180):	853.2	3.8%
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	6603	6603	6603	6603	6603
5	6549	6572	6588	6595	6603
10	6421	6470	6531	6572	6591
15	6216	6304	6423	6488	6513
20	5942	6078	6258	6343	6372
25	5598	5794	6044	6169	6214
30	5196	5467	5802	5992	6059
35	4750	5104	5548	5819	5917
40	4274	4707	5277	5629	5744
45	3781	4282	4973	5371	5494
50	3276	3817	4608	5026	5153
55	2754	3308	4164	4574	4672
60	2220	2770	3653	4002	4063
65	1686	2223	3089	3377	3439
70	1189	1688	2487	2785	2871
75	763	1193	1892	2190	2274
80	414	746	1308	1596	1633
85	151	365	723	861	871
90	0	95	316	463	471
95	6	82	284	390	389
100	13	88	256	340	345
105	20	100	235	317	332
110	27	80	273	302	321
115	32	69	269	363	343
120	36	73	229	367	394
125	42	71	175	318	358
130	48	77	133	248	293
135	54	82	121	179	216
140	58	85	110	135	155
145	62	85	107	123	133
150	63	84	102	112	116
155	66	83	99	110	111
160	72	84	98	107	109
165	78	83	94	102	110
170	83	83	84	96	108
175	86	84	78	87	92
180	79	79	79	79	79