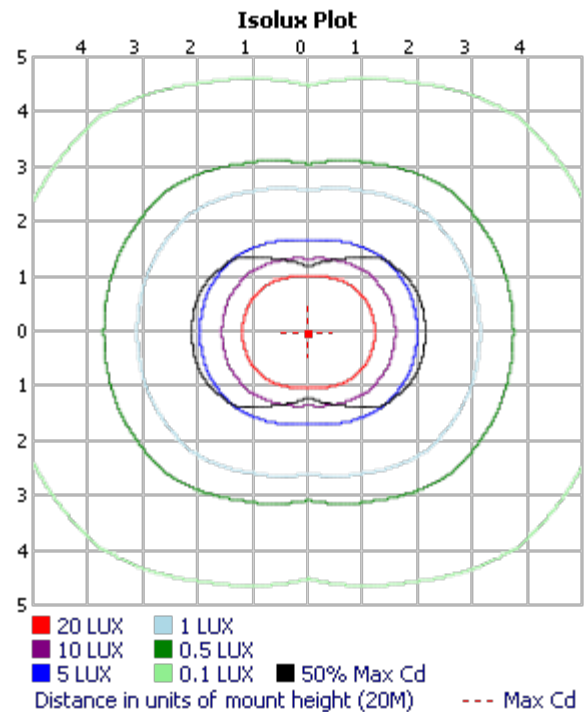
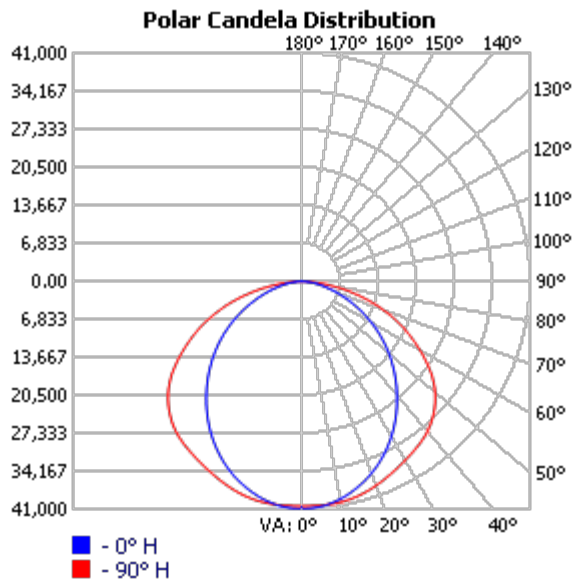


MANUFACTURER: LUX DYNAMICS, RENO, NV 89502
TEST #: LLI-17186-6
TEST LAB: LIGHTLAB INTERNATIONAL (WWW.LIGHTLABINT.COM)
TEST DATE: THIS FILE CREATED: MONDAY, JULY 10, 2017 3:59:41 PM
CATALOG: LUX-IK10-12-T-HO2-850-4'-U10-CA4'
DESCRIPTION: LUX DYNAMICS - HIGH BAY LUMINAIRE. PRODUCT ID: LUX-IK10-12-T-HO2-850-4'-U10-CA4' EXTRUDED ALUMINUM DRIVER HOUSING AND LED BARS WITH CLEAR PLASTIC LENSES. 2688 LEDS MOUNTED IN TWO 2X56 ARRAYS ON EACH OF 12 BARS. 12 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: 126729.3, **ABSOLUTE PHOTOMETRY ***
INPUT WATTAGE: 1095.9
LUMINOUS OPENING: RECTANGLE (L: 45.98", W: 22.01")
MAX CD: 40,919.8 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	31,927.5	25.2%
0-40	52,951.3	41.8%
0-60	97,264.8	76.8%
60-90	29,464.6	23.2%
70-100	12,666.5	10%
90-120	0.000	0%
0-90	126,729.3	100%
90-180	0.000	0%
0-180	126,729.3	100%

ROADWAY SUMMARY

DISTRIBUTION:		TYPE VS
MAX CD, 90 DEG VERT:		0.000
MAX CD, 80 TO <90 DEG:		7,068.8
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	63,366.8	50%
DOWNWARD HOUSE SIDE:	63,366.8	50%
DOWNWARD TOTAL:	126,733.6	100%
UPWARD STREET SIDE:	0.000	0%
UPWARD HOUSE SIDE:	0.000	0%
UPWARD TOTAL:	0.000	0%
TOTAL LUMENS:		126,733.6
		100%

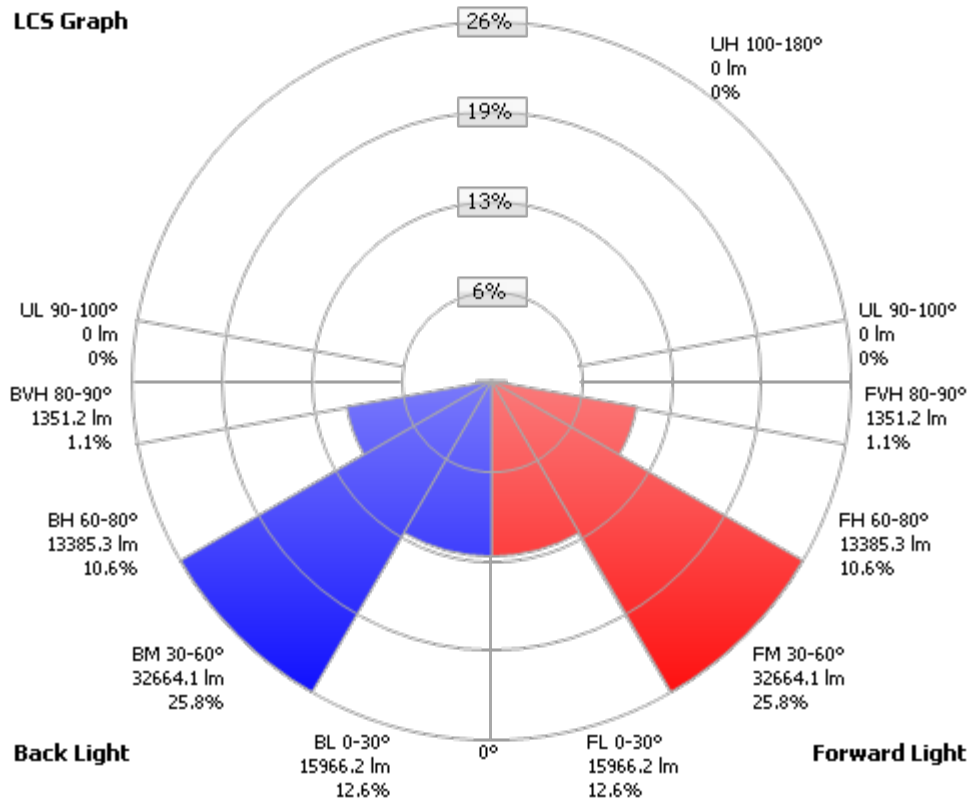
LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	3,851.3	3.0%	90-100	0.000	0%
10-20	11,099.8	8.8%	100-110	0.000	0%
20-30	16,976.5	13.4%	110-120	0.000	0%
30-40	21,023.8	16.6%	120-130	0.000	0%
40-50	22,828.6	18.0%	130-140	0.000	0%
50-60	21,484.9	17.0%	140-150	0.000	0%
60-70	16,798.0	13.3%	150-160	0.000	0%
70-80	9,961.9	7.9%	160-170	0.000	0%
80-90	2,704.6	2.1%	170-180	0.000	0%

LCS TABLE

BUG RATING	B5 - U0 - G5	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	15,966.2	12.6%
MEDIUM(30-60):	32,664.1	25.8%
HIGH(60-80):	13,385.3	10.6%
VERY HIGH(80-90):	1,351.2	1.1%
BACK LIGHT		
LOW(0-30):	15,966.2	12.6%
MEDIUM(30-60):	32,664.1	25.8%
HIGH(60-80):	13,385.3	10.6%
VERY HIGH(80-90):	1,351.2	1.1%
UPLIGHT		
LOW(90-100):	0.000	0%
HIGH(100-180):	0.000	0%
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	40593	40593	40593	40593	40593
5	40630	40522	40426	40429	40414
10	39768	39896	40103	40282	40326
15	38422	38849	39472	39808	39882
20	36721	37428	38504	38983	39092
25	34635	35684	37218	37933	38127
30	32213	33699	35718	36839	37164
35	29513	31486	34111	35758	36263
40	26628	29072	32391	34557	35154
45	23635	26456	30470	32920	33528
50	20564	23598	28176	30644	31288
55	17394	20477	25358	27701	28201
60	14138	17163	22076	24051	24388
65	10865	13763	18427	20149	20416
70	7788	10391	14648	15992	16138
75	5094	7170	10680	11575	11554
80	2835	4290	6710	7069	6786
85	1064	1824	2870	2807	2606
90	0	0	0	0	0