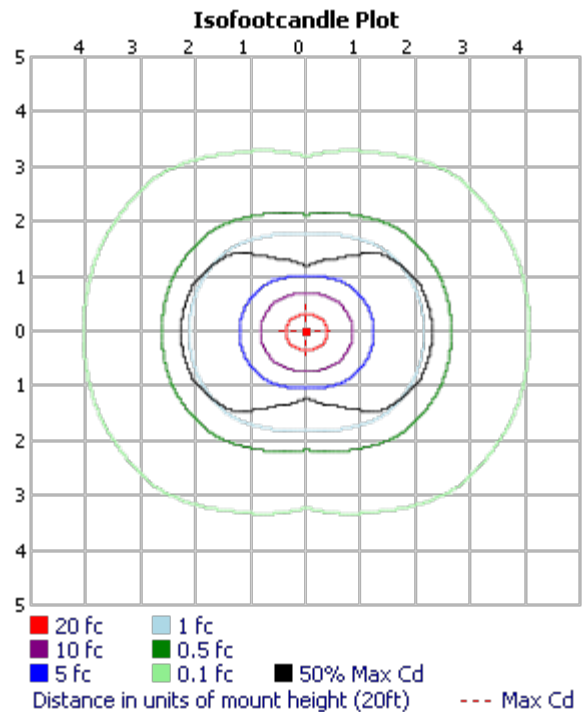
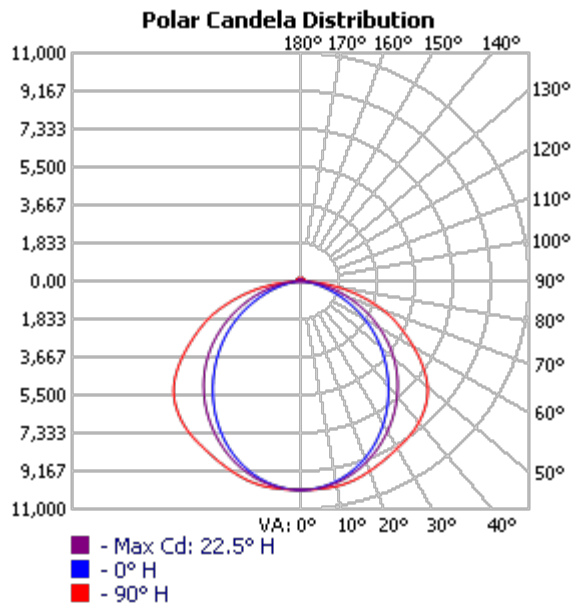


MANUFACTURER: LUX DYNAMICS, RENO, NV 89502
TEST #: LLI-17186-13
TEST LAB: LIGHTLAB INTERNATIONAL (WWW.LIGHTLABINT.COM)
TEST DATE: THIS FILE CREATED: TUESDAY, JULY 11, 2017 10:32:03 AM
CATALOG: LUX-IK10-3-D-HO2-850-4'-U10-CA4'
DESCRIPTION: LUX DYNAMICS - HIGH BAY LUMINAIRE. PRODUCT ID: LUX-IK10-3-D-HO2-850-4'-U10-CA4' EXTRUDED ALUMINUM DRIVER HOUSING AND LED BARS WITH CLEAR PLASTIC LENSES. 672 LEDS MOUNTED IN TWO 2X56 ARRAYS ON EACH OF 3 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: 32723.3, **ABSOLUTE PHOTOMETRY ***
INPUT WATTAGE: 271.4
LUMINOUS OPENING: RECTANGLE (L: 46.69", W: 5.75")
MAX CD: 10,072.8 AT HORIZONTAL: 22.5°, 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.

THIS PHOTOMETRIC REPORT HAS BEEN GENERATED USING METHODS RECOMMENDED BY THE IESNA. CALCULATIONS ARE BASED ON PHOTOMETRIC DATA PROVIDED BY THE MANUFACTURER, AND THE ACCURACY OF THIS PHOTOMETRIC REPORT IS DEPENDENT ON THE ACCURACY OF THE DATA PROVIDED. END-USER ENVIRONMENT AND APPLICATION (INCLUDING, BUT NOT LIMITED TO, VOLTAGE VARIATION AND DIRT ACCUMULATION) CAN CAUSE ACTUAL PHOTOMETRIC PERFORMANCE TO DIFFER FROM THE PERFORMANCE CALCULATED USING THE DATA PROVIDED BY THE MANUFACTURER. THIS REPORT IS PROVIDED WITHOUT WARRANTY AS TO ACCURACY, COMPLETENESS, RELIABILITY OR OTHERWISE. IN NO EVENT WILL ACUITY BRANDS LIGHTING BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF THIS REPORT.

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	7,929.9	24.2%
0-40	13,179.4	40.3%
0-60	24,353.8	74.4%
60-90	7,829.1	23.9%
70-100	3,527.1	10.8%
90-120	202.1	0.6%
0-90	32,182.9	98.3%
90-180	540.4	1.7%
0-180	32,723.3	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	955.1	2.9%	90-100	15.5	0%
10-20	2,754.5	8.4%	100-110	91.6	0.3%
20-30	4,220.2	12.9%	110-120	95.0	0.3%
30-40	5,249.5	16.0%	120-130	92.8	0.3%
40-50	5,735.9	17.5%	130-140	85.0	0.3%
50-60	5,438.6	16.6%	140-150	76.2	0.2%
60-70	4,317.4	13.2%	150-160	53.0	0.2%
70-80	2,684.0	8.2%	160-170	25.4	0.1%
80-90	827.7	2.5%	170-180	5.8	0%

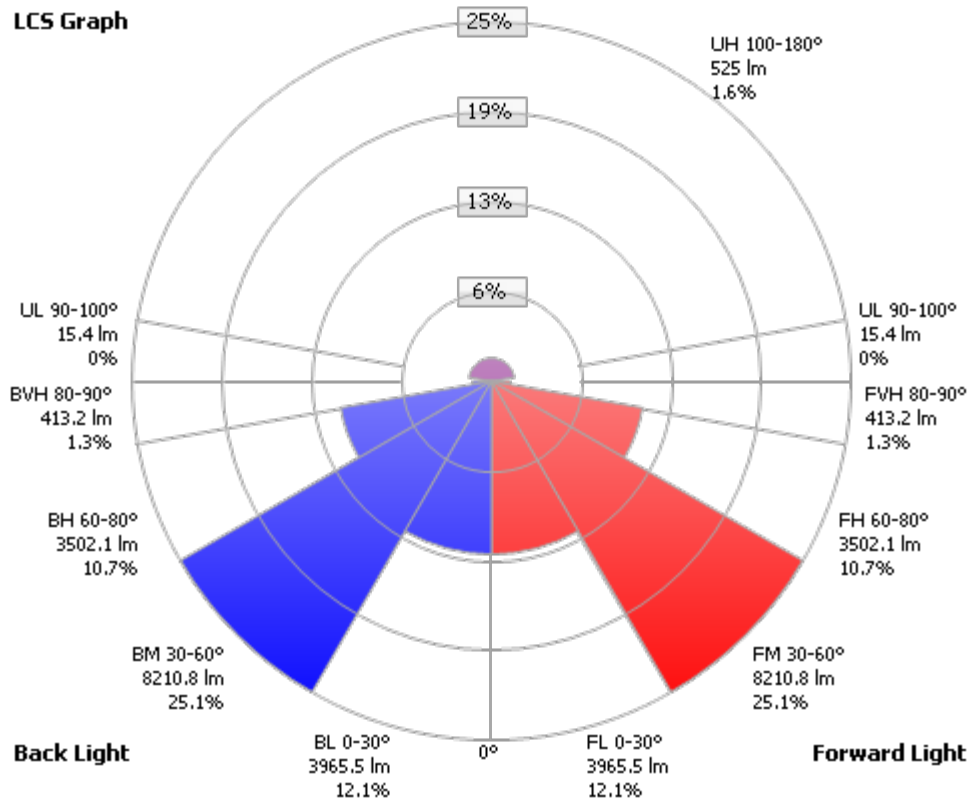
ROADWAY SUMMARY

DISTRIBUTION: TYPE II, VERY SHORT		
	LUMENS	% LAMP
MAX CD, 90 DEG VERT:	0.000	
MAX CD, 80 TO <90 DEG:	2,116.3	
DOWNWARD STREET SIDE:	16,091.7	49.2%
DOWNWARD HOUSE SIDE:	16,091.7	49.2%
DOWNWARD TOTAL:	32,183.4	98.4%
UPWARD STREET SIDE:	270.2	0.8%
UPWARD HOUSE SIDE:	270.2	0.8%
UPWARD TOTAL:	540.4	1.7%
TOTAL LUMENS:	32,723.8	100%

LCS TABLE

BUG RATING	B4 - U4 - G4	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	3,965.5	12.1%
MEDIUM(30-60):	8,210.8	25.1%
HIGH(60-80):	3,502.1	10.7%
VERY HIGH(80-90):	413.2	1.3%
BACK LIGHT		
LOW(0-30):	3,965.5	12.1%
MEDIUM(30-60):	8,210.8	25.1%
HIGH(60-80):	3,502.1	10.7%
VERY HIGH(80-90):	413.2	1.3%
UPLIGHT		
LOW(90-100):	15.4	0%
HIGH(100-180):	525.0	1.6%
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	10061	10061	10061	10061	10061
5	10002	10023	10037	10055	10061
10	9805	9870	9954	10020	10044
15	9490	9620	9797	9901	9934
20	9074	9276	9558	9698	9742
25	8558	8850	9248	9454	9519
30	7959	8363	8889	9207	9311
35	7294	7823	8516	8971	9122
40	6578	7231	8117	8701	8868
45	5836	6589	7670	8318	8506
50	5072	5888	7118	7802	7978
55	4286	5120	6443	7072	7195
60	3474	4307	5653	6178	6254
65	2657	3473	4764	5223	5308
70	1891	2643	3831	4294	4356
75	1224	1860	2898	3202	3218
80	673	1149	1897	2116	2090
85	249	525	931	969	918
90	0	0	0	0	0
95	10	14	10	13	12
100	22	53	41	33	30
105	28	71	140	90	72
110	32	85	87	198	210
115	35	90	107	67	56
120	39	103	122	97	61
125	42	112	113	130	128
130	46	116	122	100	70
135	49	121	161	108	90
140	51	106	119	122	114
145	52	105	162	137	169
150	52	102	132	143	140
155	53	94	118	135	138
160	53	73	108	124	143
165	53	59	97	116	116
170	53	50	69	92	109
175	54	53	48	60	64
180	50	50	50	50	50