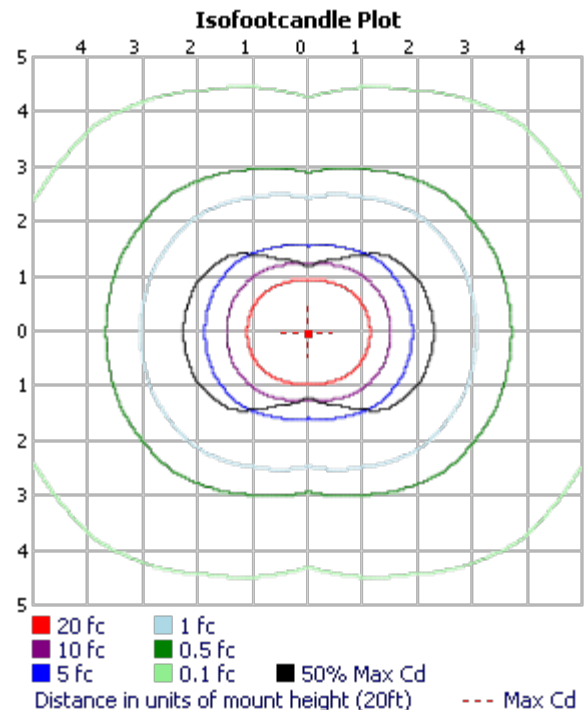
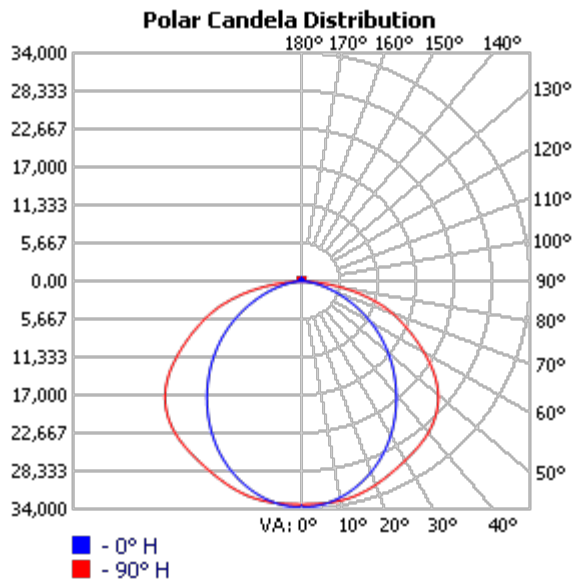


MANUFACTURER: LUX DYNAMICS, RENO, NV 89502
TEST #: LLI-17186-7
TEST LAB: LIGHTLAB INTERNATIONAL (WWW.LIGHTLABINT.COM)
TEST DATE: THIS FILE CREATED: WEDNESDAY, JULY 12, 2017 2:22:45 PM
CATALOG: LUX-IK10-10-T-HO2-850-4'-U10-CA4'
DESCRIPTION: LUX DYNAMICS - HIGH BAY LUMINAIRE. PRODUCT ID: LUX-IK10-10-T-HO2-850-4'-U10-CA4' EXTRUDED ALUMINUM DRIVER HOUSING AND LED BARS WITH CLEAR PLASTIC LENSES. 2240 LEDS MOUNTED IN TWO 2X56 ARRAYS ON EACH OF 10 BARS. 10 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: 109093.6, **ABSOLUTE PHOTOMETRY ***
INPUT WATTAGE: 914
LUMINOUS OPENING: RECTANGLE (L: 46.69", W: 20.51")
MAX CD: 33,696.8 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	26,340.0	24.1%
0-40	43,769.7	40.1%
0-60	80,966.4	74.2%
60-90	26,149.3	24%
70-100	11,767.3	10.8%
90-120	431.7	0.4%
0-90	107,115.7	98.2%
90-180	1,977.9	1.8%
0-180	109,093.6	100%

ROADWAY SUMMARY

DISTRIBUTION: TYPE II, VERY SHORT		
MAX CD, 90 DEG VERT:		19.7
MAX CD, 80 TO <90 DEG:		7,114.5
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	53,559.7	49.1%
DOWNWARD HOUSE SIDE:	53,559.7	49.1%
DOWNWARD TOTAL:	107,119.4	98.2%
UPWARD STREET SIDE:	988.2	0.9%
UPWARD HOUSE SIDE:	988.2	0.9%
UPWARD TOTAL:	1,976.5	1.8%
TOTAL LUMENS:	109,095.9	100%

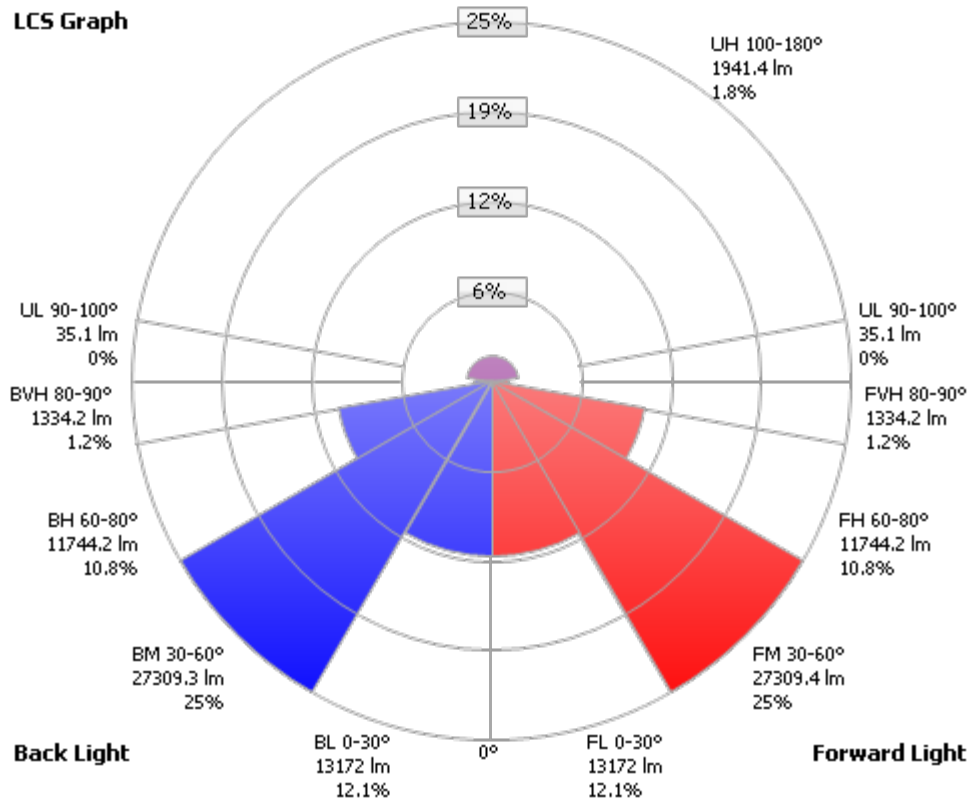
LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	3,171.6	2.9%	90-100	35.6	0%
10-20	9,148.0	8.4%	100-110	136.1	0.1%
20-30	14,020.4	12.9%	110-120	260.0	0.2%
30-40	17,429.7	16.0%	120-130	427.6	0.4%
40-50	19,059.3	17.5%	130-140	438.3	0.4%
50-60	18,137.3	16.6%	140-150	295.5	0.3%
60-70	14,417.6	13.2%	150-160	211.1	0.2%
70-80	9,060.9	8.3%	160-170	130.3	0.1%
80-90	2,670.8	2.4%	170-180	43.4	0%

LCS TABLE

BUG RATING	B5 - U5 - G5	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	13,172.0	12.1%
MEDIUM(30-60):	27,309.4	25%
HIGH(60-80):	11,744.2	10.8%
VERY HIGH(80-90):	1,334.2	1.2%
BACK LIGHT		
LOW(0-30):	13,172.0	12.1%
MEDIUM(30-60):	27,309.4	25%
HIGH(60-80):	11,744.2	10.8%
VERY HIGH(80-90):	1,334.2	1.2%
UPLIGHT		
LOW(90-100):	35.1	0%
HIGH(100-180):	1,941.4	1.8%
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	33420	33420	33420	33420	33420
5	33470	33354	33291	33302	33278
10	32771	32836	33027	33189	33221
15	31668	31984	32519	32824	32890
20	30257	30823	31752	32192	32288
25	28532	29393	30735	31392	31554
30	26535	27773	29559	30562	30842
35	24300	25974	28299	29756	30197
40	21911	24014	26950	28867	29401
45	19441	21896	25444	27665	28241
50	16907	19573	23648	25979	26536
55	14297	17022	21459	23661	24099
60	11602	14322	18845	20690	20942
65	8891	11577	15920	17455	17730
70	6342	8871	12804	14265	14661
75	4123	6257	9612	10954	11121
80	2278	3849	6360	7114	7015
85	842	1726	2927	2904	2678
90	0	16	18	20	19
95	40	35	30	30	30
100	82	63	72	85	80
105	122	231	68	94	101
110	145	372	180	84	92
115	171	370	322	219	150
120	202	316	539	338	275
125	241	339	692	554	505
130	277	380	657	711	718
135	315	395	492	847	869
140	344	412	439	651	799
145	357	406	458	514	575
150	374	414	462	494	503
155	383	427	470	494	518
160	394	451	456	483	497
165	408	462	463	467	477
170	425	453	492	462	463
175	442	439	455	460	442
180	427	427	427	427	427