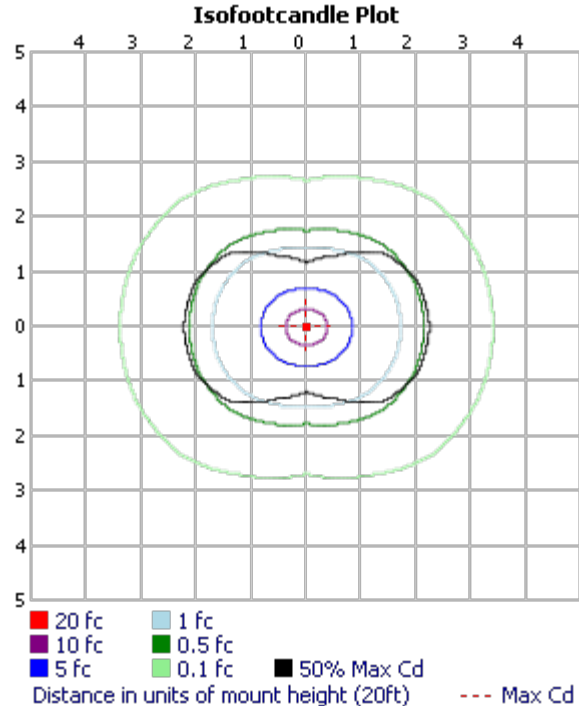
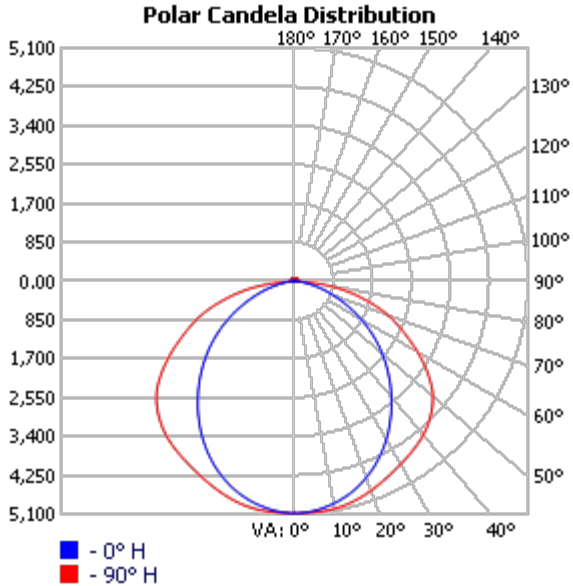


MANUFACTURER: LUX DYNAMICS, RENO, NV 89502
TEST #: LLI-17187-9
TEST LAB: LIGHTLAB INTERNATIONAL (WWW.LIGHTLABINT.COM)
TEST DATE: THIS FILE CREATED: TUESDAY, JULY 11, 2017 10:17:58 AM
CATALOG: LUX-IK10-3-D-HO2-850-2'-U10-CA2'
DESCRIPTION: LUX DYNAMICS - HIGH BAY LUMINAIRE. PRODUCT ID: LUX-IK10-3-D-HO2-850-2'-U10-CA2' EXTRUDED ALUMINUM DRIVER HOUSING AND LED BARS WITH CLEAR PLASTIC LENSES. 336 LEDS MOUNTED IN ONE 2X56 ARRAY ON EACH OF 3 BARS. 2 OSRAM OPTOTRONIC LED DRIVERS. MODEL: OTI 85/120-277/2A3 DIM L SET TO 1950 MA AND 975 MA. OPERATING AT 120 VAC AND 60 HZ.
LAMP OUTPUT: TOTAL LUMINAIRE LUMENS: 16167, **ABSOLUTE PHOTOMETRY ***
INPUT WATTAGE: 135.1
LUMINOUS OPENING: RECTANGLE (L: 23.27", W: 5.75")
MAX CD: 5,080.0 AT HORIZONTAL: 90°, VERTICAL: 2°
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 | 3,973.9 | 24.6% |
| 0-40 | 6,581.7 | 40.7% |
| 0-60 | 12,095.7 | 74.8% |
| 60-90 | 3,827.0 | 23.7% |
| 70-100 | 1,716.2 | 10.6% |
| 90-120 | 88.4 | 0.5% |
| 0-90 | 15,922.7 | 98.5% |
| 90-180 | 244.3 | 1.5% |
| 0-180 | 16,167.0 | 100% |

LUMENS PER ZONE

| ZONE | LUMENS | % TOTAL | ZONE | LUMENS | % TOTAL |
|-------|---------|---------|---------|--------|---------|
| 0-10 | 480.9 | 3.0% | 90-100 | 7.5 | 0% |
| 10-20 | 1,383.0 | 8.6% | 100-110 | 42.2 | 0.3% |
| 20-30 | 2,110.0 | 13.1% | 110-120 | 38.6 | 0.2% |
| 30-40 | 2,607.8 | 16.1% | 120-130 | 38.4 | 0.2% |
| 40-50 | 2,833.4 | 17.5% | 130-140 | 38.5 | 0.2% |
| 50-60 | 2,680.5 | 16.6% | 140-150 | 37.0 | 0.2% |
| 60-70 | 2,118.3 | 13.1% | 150-160 | 26.5 | 0.2% |
| 70-80 | 1,320.3 | 8.2% | 160-170 | 12.8 | 0.1% |
| 80-90 | 388.4 | 2.4% | 170-180 | 2.7 | 0% |

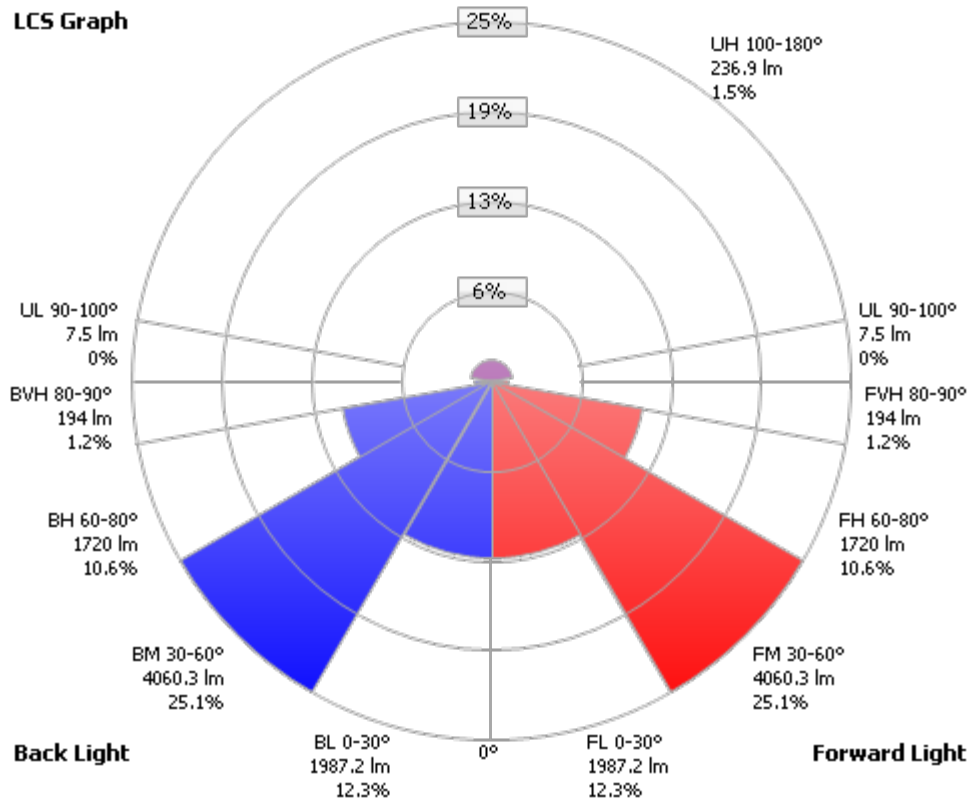
ROADWAY SUMMARY

| | | |
|-----------------------------------|----------|---------|
| DISTRIBUTION: TYPE II, VERY SHORT | | |
| MAX CD, 90 DEG VERT: | | 0.000 |
| MAX CD, 80 TO <90 DEG: | | 1,067.9 |
| | LUMENS | % LAMP |
| DOWNWARD STREET SIDE: | 7,961.6 | 49.2% |
| DOWNWARD HOUSE SIDE: | 7,961.6 | 49.2% |
| DOWNWARD TOTAL: | 15,923.1 | 98.5% |
| UPWARD STREET SIDE: | 122.2 | 0.8% |
| UPWARD HOUSE SIDE: | 122.2 | 0.8% |
| UPWARD TOTAL: | 244.4 | 1.5% |
| TOTAL LUMENS: | 16,167.5 | 100% |

LCS TABLE

| BUG RATING | B3 - U3 - G3 | |
|-----------------------|--------------|----------|
| FORWARD LIGHT | LUMENS | LUMENS % |
| LOW(0-30): | 1,987.2 | 12.3% |
| MEDIUM(30-60): | 4,060.3 | 25.1% |
| HIGH(60-80): | 1,720.0 | 10.6% |
| VERY HIGH(80-90): | 194.0 | 1.2% |
| BACK LIGHT | | |
| LOW(0-30): | 1,987.2 | 12.3% |
| MEDIUM(30-60): | 4,060.3 | 25.1% |
| HIGH(60-80): | 1,720.0 | 10.6% |
| VERY HIGH(80-90): | 194.0 | 1.2% |
| UPLIGHT | | |
| LOW(90-100): | 7.5 | 0% |
| HIGH(100-180): | 236.9 | 1.5% |
| 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 | 5072 | 5072 | 5072 | 5072 | 5072 |
| 5 | 5039 | 5044 | 5054 | 5068 | 5075 |
| 10 | 4940 | 4966 | 5004 | 5037 | 5054 |
| 15 | 4784 | 4831 | 4918 | 4967 | 4986 |
| 20 | 4575 | 4654 | 4788 | 4852 | 4875 |
| 25 | 4311 | 4436 | 4618 | 4713 | 4750 |
| 30 | 4004 | 4184 | 4426 | 4573 | 4628 |
| 35 | 3657 | 3900 | 4226 | 4439 | 4513 |
| 40 | 3289 | 3592 | 4015 | 4293 | 4382 |
| 45 | 2908 | 3263 | 3780 | 4097 | 4193 |
| 50 | 2515 | 2906 | 3502 | 3843 | 3944 |
| 55 | 2111 | 2518 | 3163 | 3497 | 3566 |
| 60 | 1694 | 2108 | 2776 | 3056 | 3104 |
| 65 | 1281 | 1689 | 2336 | 2578 | 2627 |
| 70 | 904 | 1272 | 1874 | 2118 | 2178 |
| 75 | 582 | 888 | 1412 | 1599 | 1626 |
| 80 | 317 | 543 | 919 | 1065 | 1068 |
| 85 | 115 | 242 | 426 | 438 | 410 |
| 90 | 0 | 0 | 0 | 0 | 0 |
| 95 | 6 | 6 | 5 | 6 | 6 |
| 100 | 11 | 20 | 22 | 22 | 20 |
| 105 | 14 | 37 | 59 | 44 | 41 |
| 110 | 13 | 47 | 34 | 85 | 93 |
| 115 | 11 | 43 | 44 | 14 | 19 |
| 120 | 10 | 39 | 40 | 37 | 27 |
| 125 | 12 | 43 | 44 | 67 | 73 |
| 130 | 14 | 44 | 49 | 50 | 27 |
| 135 | 16 | 49 | 77 | 54 | 49 |
| 140 | 18 | 47 | 53 | 63 | 62 |
| 145 | 21 | 50 | 81 | 66 | 90 |
| 150 | 23 | 50 | 61 | 72 | 69 |
| 155 | 25 | 46 | 62 | 66 | 66 |
| 160 | 24 | 37 | 59 | 62 | 70 |
| 165 | 23 | 30 | 52 | 58 | 57 |
| 170 | 23 | 25 | 35 | 44 | 50 |
| 175 | 23 | 24 | 24 | 29 | 30 |
| 180 | 21 | 21 | 21 | 21 | 21 |