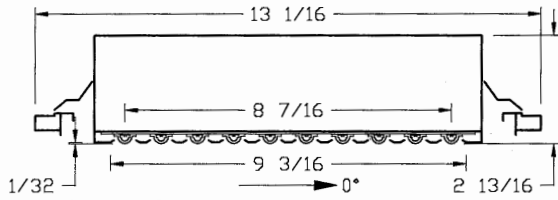


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THE LIGHT CENTER OF THE INDUSTRY SINCE 1955

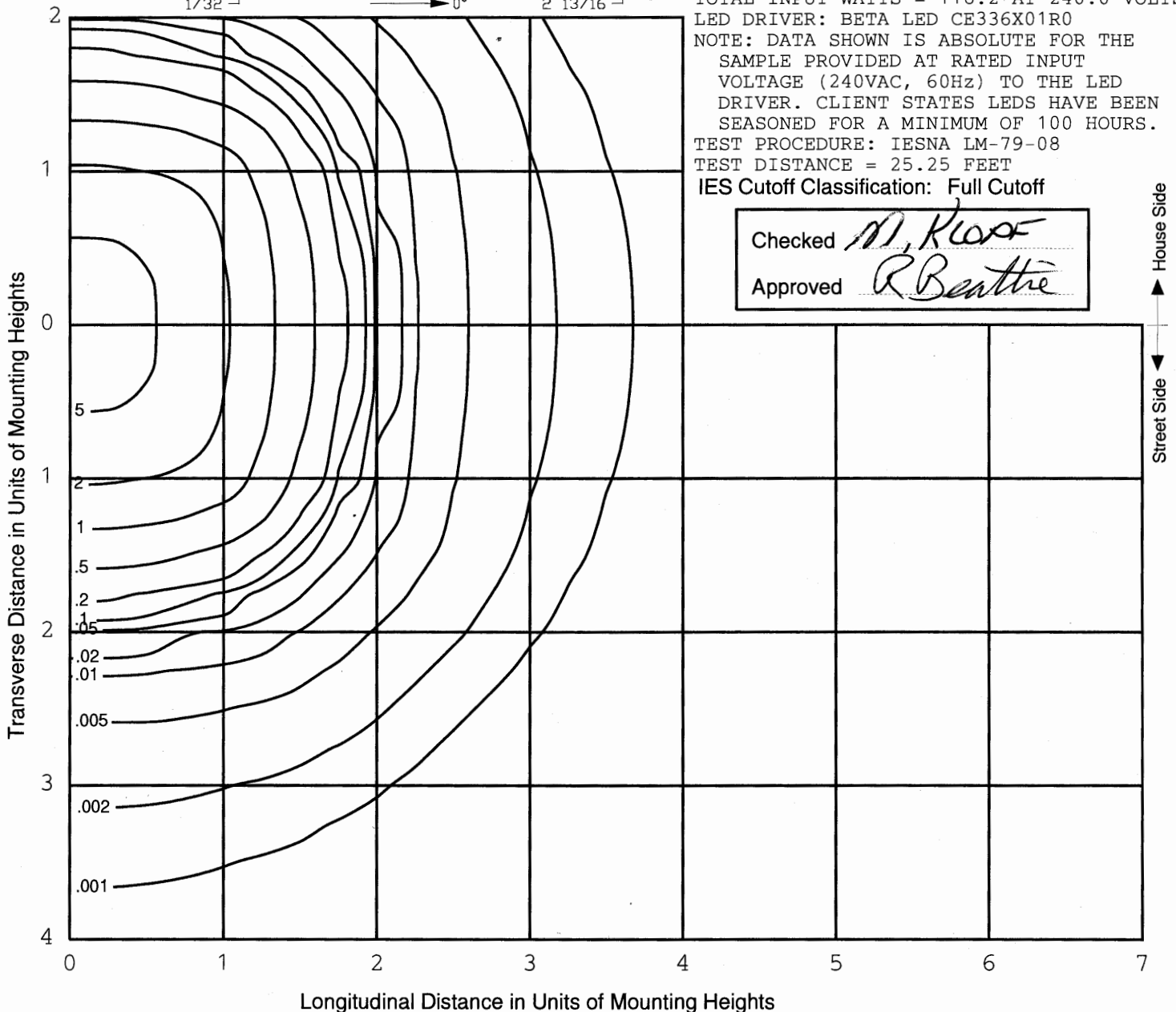
INDEPENDENT TESTING LABORATORIES, INC.
3386 LONGHORN ROAD, BOULDER, CO 80302 USA

PHONE: (303)442-1255 • FAX: (303)449-5274 • E-MAIL: itl@itlboulder.com • WEBSITE: www.itlboulder.com

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION
Values based on 20 foot mounting height.



REPORT NUMBER: ITL63994
DATE: 01/06/10
PREPARED FOR: BETALED, A DIVISION OF RUUD LIGHTING
CATALOG NUMBER: BXCP*A06C-U (525mA)
LUMINAIRE: CAST GRAY PAINTED METAL HOUSING, CAST GRAY PAINTED METAL LED DRIVER COVER, TWO EXTRUDED FINNED METAL HEAT SINKS, EACH HEAT SINK CONTAINS ONE CIRCUIT BOARD WITH 30 LEDS, CAST GRAY PAINTED METAL TRIM PLATE, ONE CLEAR NON-INTEGRAL PLASTIC LENS BELOW EACH LED.
LAMP: SIXTY WHITE LIGHT EMITTING DIODES (LEDS), VERTICAL BASE-UP POSITION.
TOTAL INPUT WATTS = 116.2 AT 240.0 VOLTS
LED DRIVER: BETA LED CE336X01R0
NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT VOLTAGE (240VAC, 60Hz) TO THE LED DRIVER. CLIENT STATES LEDS HAVE BEEN SEASONED FOR A MINIMUM OF 100 HOURS.
TEST PROCEDURE: IESNA LM-79-08
TEST DISTANCE = 25.25 FEET
IES Cutoff Classification: Full Cutoff

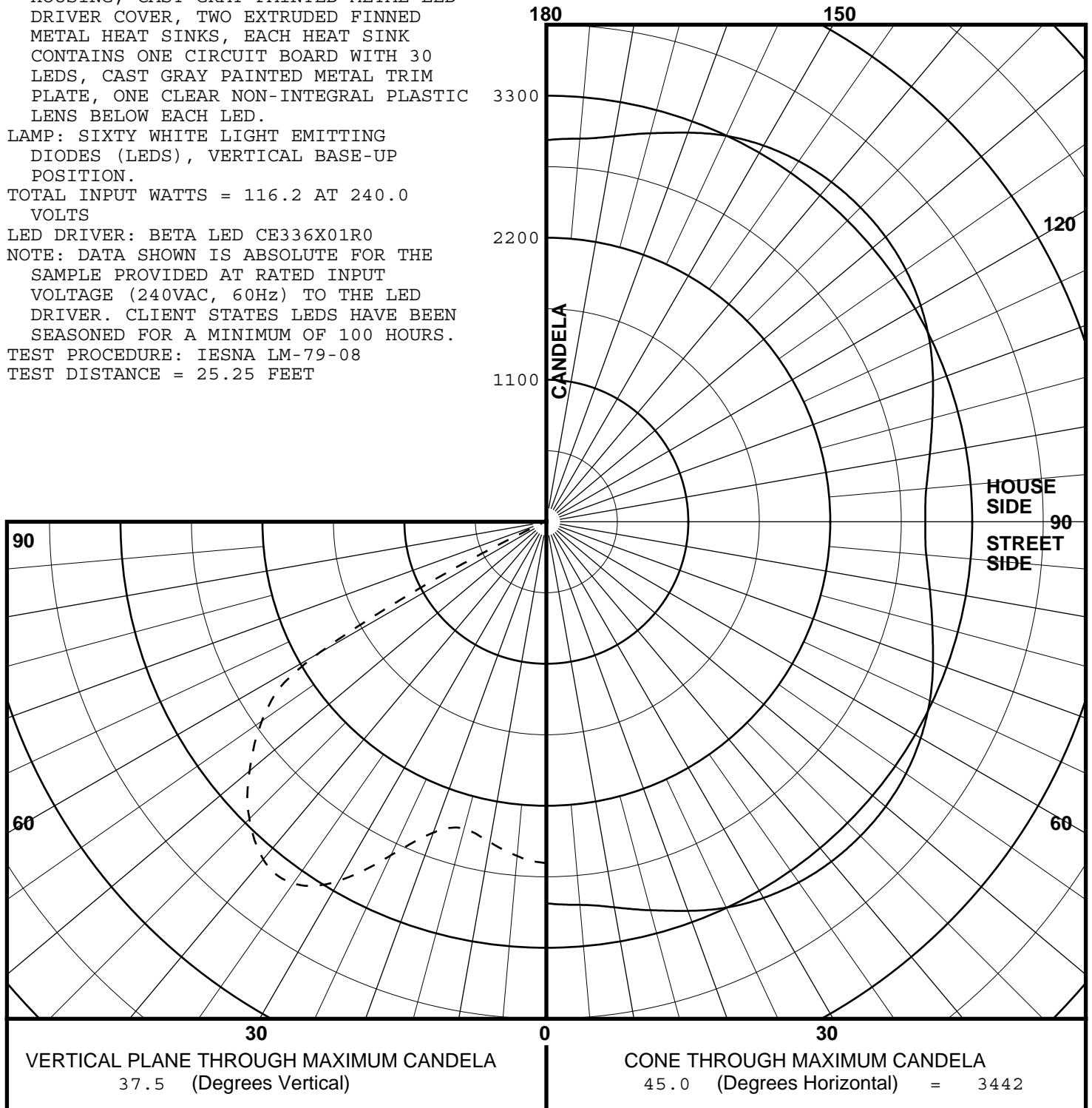


THIS REPORT IS BASED ON PUBLISHED INDUSTRY PROCEDURES. FIELD PERFORMANCE MAY DIFFER FROM LABORATORY PERFORMANCE.



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 RUUD LIGHTING
 CATALOG NUMBER: BXCP*A06C-U (525mA)
 LUMINAIRE: CAST GRAY PAINTED METAL
 HOUSING, CAST GRAY PAINTED METAL LED
 DRIVER COVER, TWO EXTRUDED FINNED
 METAL HEAT SINKS, EACH HEAT SINK
 CONTAINS ONE CIRCUIT BOARD WITH 30
 LEDS, CAST GRAY PAINTED METAL TRIM
 PLATE, ONE CLEAR NON-INTEGRAL PLASTIC
 LENS BELOW EACH LED.
 LAMP: SIXTY WHITE LIGHT EMITTING
 DIODES (LEDS), VERTICAL BASE-UP
 POSITION.
 TOTAL INPUT WATTS = 116.2 AT 240.0
 VOLTS
 LED DRIVER: BETA LED CE336X01R0
 NOTE: DATA SHOWN IS ABSOLUTE FOR THE
 SAMPLE PROVIDED AT RATED INPUT
 VOLTAGE (240VAC, 60Hz) TO THE LED
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 TEST PROCEDURE: IESNA LM-79-08
 TEST DISTANCE = 25.25 FEET

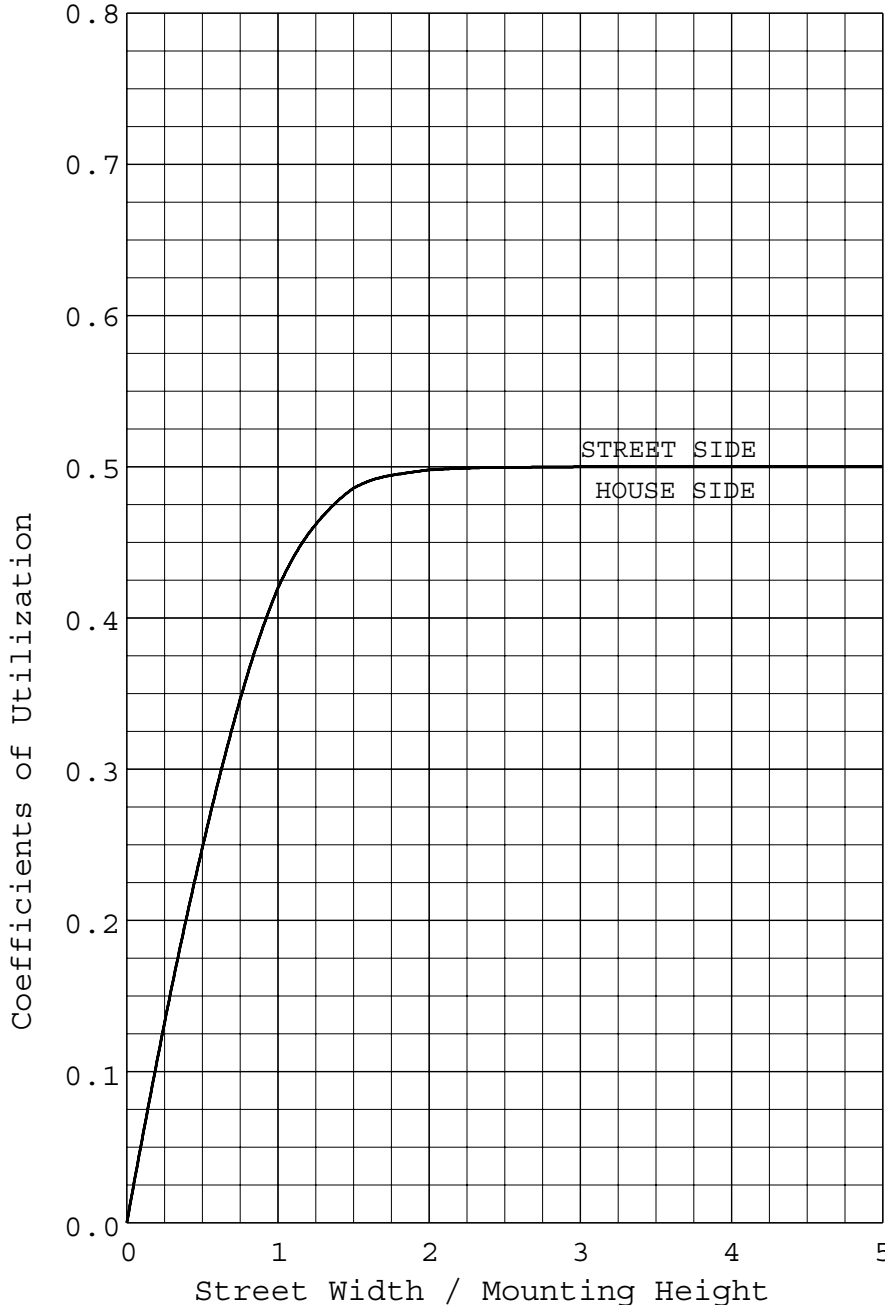
MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA





REPORT NUMBER: ITL63994
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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



| | LUMENS | PERCENT OF FIXTURE |
|----------------------|--------|--------------------|
| DOWNWARD STREET SIDE | 4337. | 50.0 |
| DOWNWARD HOUSE SIDE | 4337. | 50.0 |
| DOWNWARD TOTAL | 8675. | 100.0 |
| UPWARD STREET SIDE | 0. | 0.0 |
| UPWARD HOUSE SIDE | 0. | 0.0 |
| UPWARD TOTAL | 0. | 0.0 |
| TOTAL FLUX | 8675. | 100.0 |
| EFFICACY = 74.7 Lm/W | | |

ALL CANDELA AND LUMENS IN THIS REPORT ARE BASED ON ABSOLUTE PHOTOMETRY. THE COEFFICIENT OF UTILIZATION VALUES ARE BASED ON THE TOTAL ABSOLUTE LUMEN OUTPUT OF THIS LUMINAIRE SAMPLE.



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REPORT NUMBER: ITL63994

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PREPARED FOR: BETALED, A DIVISION OF RUUD LIGHTING

FLUX DISTRIBUTION BY SOLID ANGLE

(PER IESNA TM-15-07, LUMINAIRE CLASSIFICATION
SYSTEM FOR OUTDOOR LUMINAIRES)

| | LUMENS | PERCENT OF FIXTURE |
|---------------|--------|--------------------------|
| FORWARD LIGHT | 4337. | 50.0 |
| FL (0- 30) | | 13.4 |
| FM (30- 60) | | 34.5 |
| FH (60- 80) | | 2.1 |
| FVH(80- 90) | | 0.0 |
| BACK LIGHT | 4337. | 50.0 |
| BL (0- 30) | | 13.4 |
| BM (30- 60) | | 34.5 |
| BH (60- 80) | | 2.1 |
| BVH(80- 90) | | 0.0 |
| UPLIGHT | 0. | 0.0 |
| UL (90-100) | | 0.0 |
| UH (100-180) | | 0.0 |
| TRAPPED LIGHT | 0. | 0.0 |
| TOTAL FLUX | 8675. | 100.0 |

