



LUMINAIRE TESTING LABORATORY, INC.

SUSTAINING MEMBER of the IESNA

905 Harrison Street · Allentown, PA 18103 · 610-770-1044 · Fax 610-770-8912 · www.LuminaireTesting.com

LTL NUMBER: 17781

DATE: 01-08-2010

PREPARED FOR: INTENCITY LIGHTING

CATALOG NUMBER: WP50

LUMINAIRE: EXTRUDED ALUMINUM HEATSINK HOUSING, FORMED SEMI-SPECULAR ALUMINUM REFLECTORS, CLEAR PLASTIC ENCLOSURE WITH LINEAR PRISMATIC TOP SECTION.

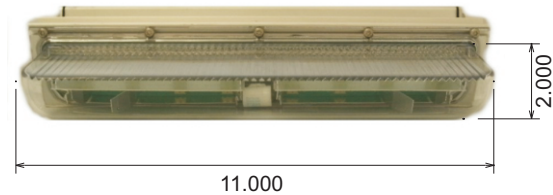
LAMP: 32 WHITE LEDS

LED POWER SUPPLY: ONE INTENCITY LIGHTING GL50 SERIES WP-50-120309001

ELECTRICAL VALUES: 120.0VAC, 0.3801A, 43.92W, PF=0.963

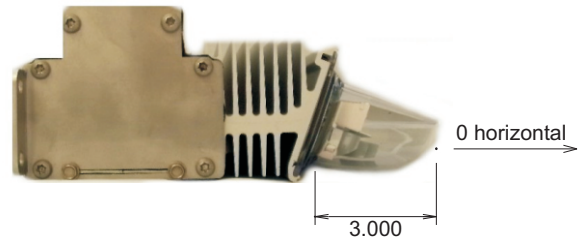
LUMINAIRE EFFICACY: 52.3 LUMENS/WATT

NOTE: THIS TEST WAS PERFORMED USING THE CALIBRATED PHOTODETECTOR METHOD OF ABSOLUTE PHOTOMETRY.\*



IES CLASSIFICATION: TYPE IV
LONGITUDINAL CLASSIFICATION: SHORT
CUTOFF CLASSIFICATION: NON-CUTOFF\*\*

\*\*CUTOFF DESIGNATION IS NOT DEFINED FOR ABSOLUTE PHOTOMETRIC TESTS. THIS CUTOFF RATING IS BASED ON THE MAXIMUM CANDELA READING PER LUMINAIRE RATED AT 1000 LUMENS.



FLUX DISTRIBUTION

Table with 4 columns: LUMENS, DOWNWARD, UPWARD, TOTALS. Rows include HOUSE SIDE, STREET SIDE, and TOTALS.

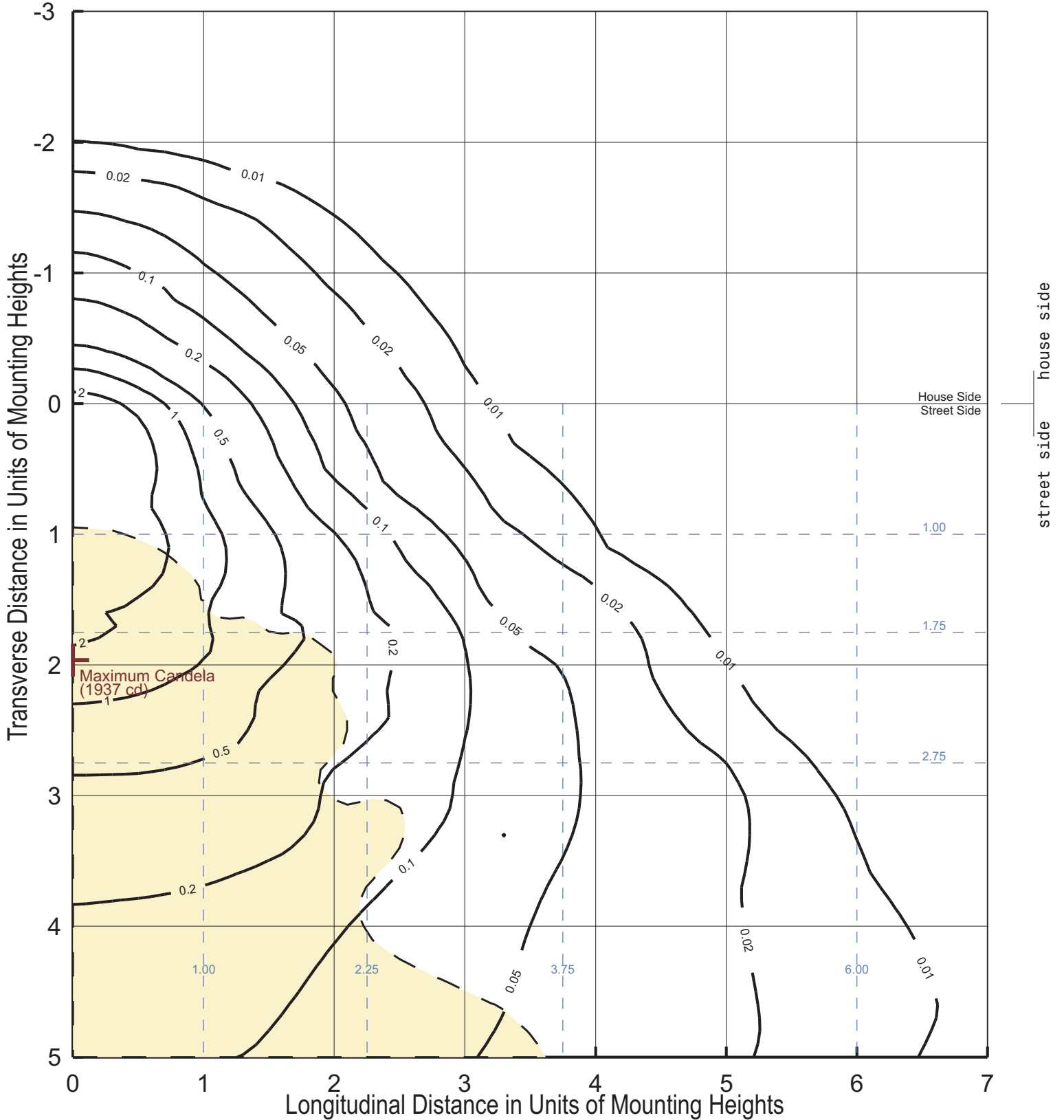
Approved By: MG

\*DATA WAS ACQUIRED USING THE CALIBRATED PHOTODETECTOR METHOD OF ABSOLUTE PHOTOMETRY. A UDT MODEL #211 PHOTODETECTOR AND UDT MODEL #S370 OPTOMETER COMBINATION WERE USED AS A STANDARD.

TESTING WAS PERFORMED IN ACCORDANCE WITH IES LM-79-08. TEST ANGULAR INCREMENTS AND REPORT FORMATTING WAS BASED ON IES LM-31-95.



# ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION VALUES BASED ON 10.00 FOOT MOUNTING HEIGHT



PROJECTION OF HALF-MAX CANDELA CONTOUR



CANDELA DISTRIBUTION

Table with 12 columns (0-90) and 20 rows (180-0) showing Candela Distribution values.

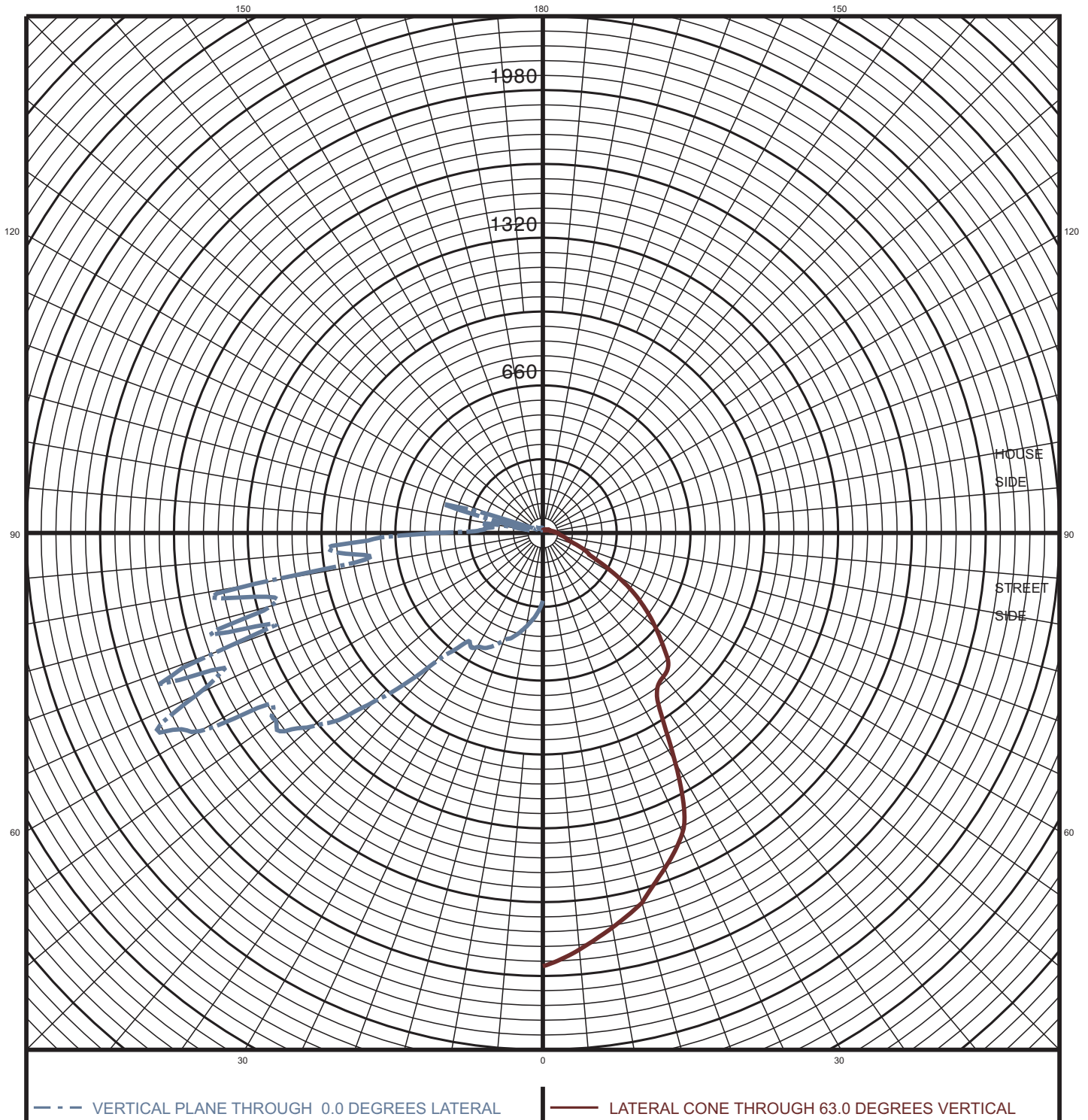


CANDELA DISTRIBUTION

Table with 11 columns (95, 105, 115, 125, 135, 145, 155, 165, 175, 180) and 19 rows (180, 175, 165, 155, 145, 135, 125, 115, 105, 95, 90, 87.5, 85, 82.5, 80, 77.5, 75, 72.5, 70, 67.5, 65, 63, 62.5, 60, 57.5, 55, 52.5, 50, 47.5, 45, 40, 35, 30, 25, 20, 15, 10, 5, 0). Each cell contains a numerical value representing candela distribution.



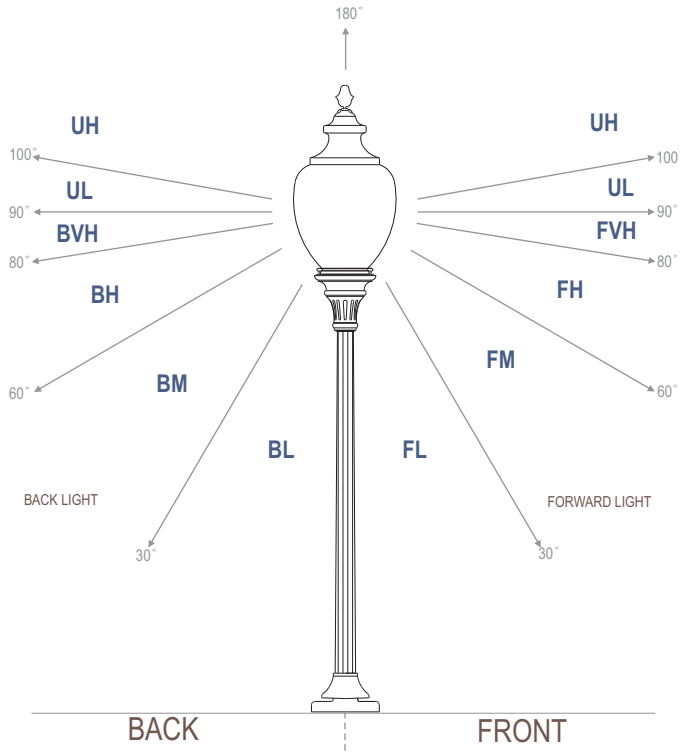
MAXIMUM PLANE AND CONE PLOTS OF CANDELA





FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

FLUX



ZONE	LUMINAIRE LUMENS	% OF LUMINAIRE LUMENS
FORWARD LIGHT	1930	84.0
FL ( 0° -30° )	172	7.5
FM (30° -60°)	679	29.6
FH (60° -80°)	815	35.5
FVH (80° -90°)	264	11.5

BACK LIGHT	129	5.6
BL ( 0° -30° )	53	2.3
BM (30° -60°)	57	2.5
BH (60° -80°)	16	0.7
BVH (80° -90°)	2	0.1

UPLIGHT	237	10.3
UL (90° -100°)	99	4.3
UH (100° -180°)	139	6.0

TRAPPED LIGHT	NA	NA
---------------	----	----

BUG (Backlight, Uplight, Glare) Rating	
Asymmetrical Luminaire Types (Type I, II, III, IV)	B0 U3 G2
Quadrilateral Symmetrical Luminaire Types (Type V, Area Light)	B0 U3 G2