



LUMINAIRE TESTING LABORATORY, INC.

SUSTAINING
MEMBER
of the
IESNA

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LTL NUMBER: 16466

DATE: 08-28-2009

PREPARED FOR: LEOTEK ELECTRONICS CORPORATION

CATALOG NUMBER: LSF1-060-MV-CW-5S-XX (XX IS THE FINISH COLOR: NUMERICAL NO. FROM 1-9 AND ALPHA NO. FROM A-Z TO DEFINE DIFFERENT FINISH COLOR).

LUMINAIRE: CAST WHITE ENAMEL ALUMINUM AND FORMED STEEL HOUSING, WHITE PLASTIC REFLECTORS, CLEAR PRISMATIC PLASTIC LENS.

LAMP: 60 WHITE LEDS

LED POWER SUPPLY: ONE LEOTEK ELECTRONICS CORP LP1090-24-GG-1

ELECTRICAL VALUES: 120.0VAC, 0.5183A, 61.64W, PF=0.991

LUMINAIRE EFFICACY: 71.8 LUMENS/WATT

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

IES CLASSIFICATION: **AREA LIGHT**
CUTOFF CLASSIFICATION: **FULL-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.



13.500



0 horizontal →

FLUX DISTRIBUTION

LUMENS	DOWNWARD	UPWARD	TOTALS
HOUSE SIDE	2211.93	0.00	2211.93
STREET SIDE	2211.93	0.00	2211.93
TOTALS	4423.86	0.00	4423.86

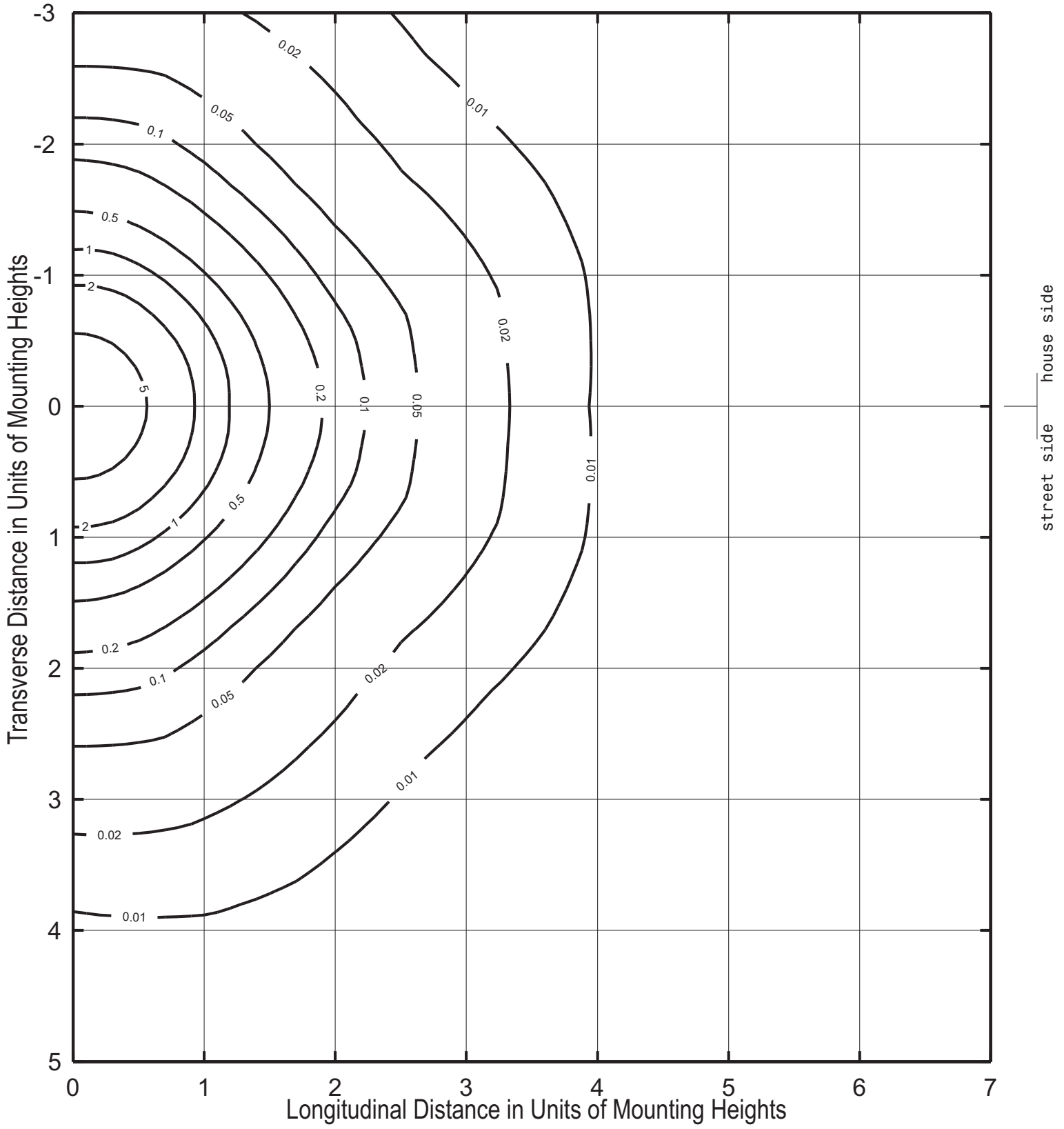
Approved By: MG

*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. A SPECTRAL MISMATCH CORRECTION FACTOR WAS EMPLOYED BASED ON THE SPECTRAL RESPONSIVITY OF THE PHOTODETECTOR AND THE SPECTRAL POWER DISTRIBUTION OF THE TEST SUBJECT.

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 15.00 FOOT MOUNTING HEIGHT



PROJECTION OF HALF-MAX CANDELA CONTOUR

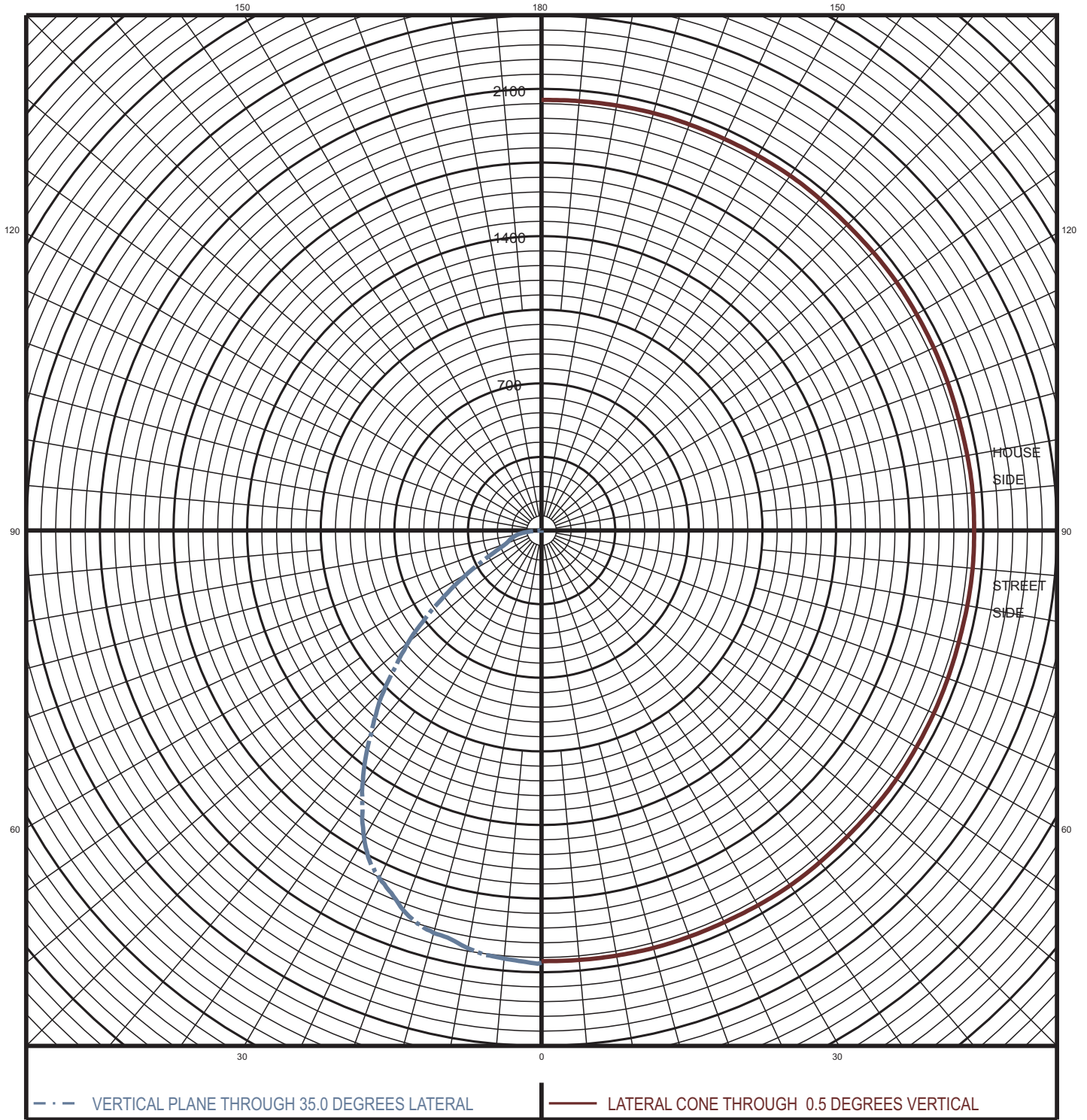


CANDELA DISTRIBUTION

Table with 12 columns (0-90) and 24 rows (0-180) showing Candela Distribution values. The table is a grid of numbers representing light distribution at various angles and heights.



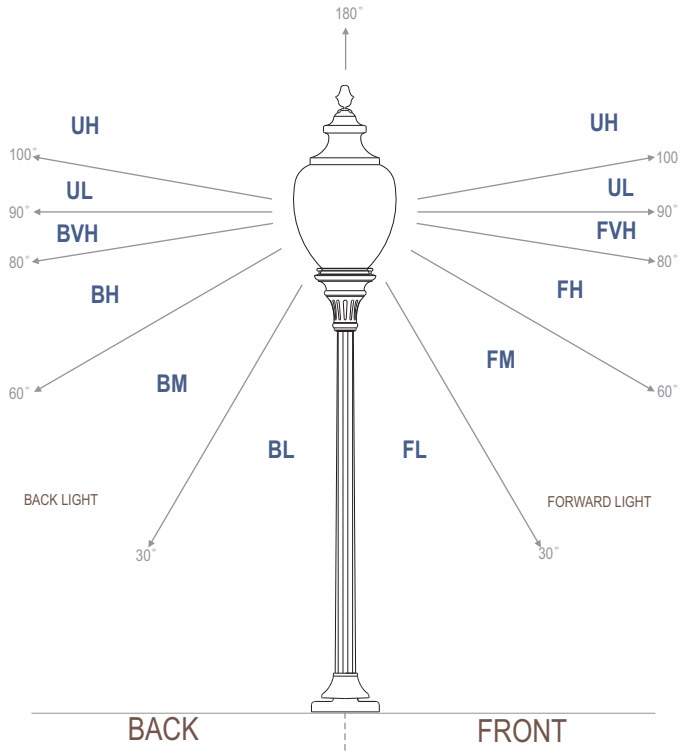
MAXIMUM PLANE AND CONE PLOTS OF CANDELA





FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

FLUX



ZONE	LUMINAIRE LUMENS	% OF LUMINAIRE LUMENS
FORWARD LIGHT	2212	50
FL (0° -30°)	792	17.9
FM (30° -60°)	1156	26.1
FH (60° -80°)	236	5.3
FVH (80° -90°)	28	0.6

BACK LIGHT	2212	50
BL (0° -30°)	792	17.9
BM (30° -60°)	1156	26.1
BH (60° -80°)	236	5.3
BVH (80° -90°)	28	0.6

UPLIGHT	0	0
UL (90° -100°)	0	0
UH (100° -180°)	0	0

TRAPPED LIGHT	NA	NA
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