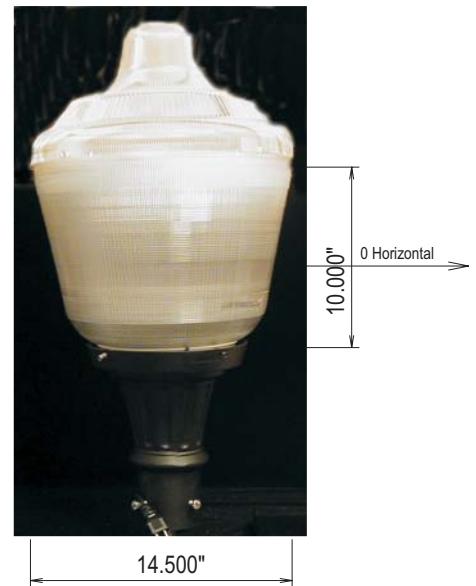
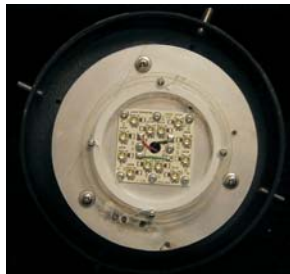




LTL NUMBER: 15410
PREPARED FOR: APPALACHIAN LIGHTING SYSTEMS
CATALOG NUMBER: LPR-S5-1200-1
LUMINAIRE: CAST ALUMINUM HOUSING, CLEAR PRISMATIC PLASTIC REFRACTOR.
LAMP: 12 WHITE LEDS
LED POWER SUPPLY: ONE MEAN WELL LPC-35-700
POWER FACTOR: 0.550
ELECTRICAL VALUES: 120.0VAC, 0.4666A, 30.79W
LUMINAIRE EFFICACY: 38.7 LUMENS/WATT
NOTE: THIS TEST WAS PERFORMED USING THE CALIBRATED PHOTODETECTOR METHOD OF ABSOLUTE PHOTOMETRY.*

DATE: 04-27-2009



IES CLASSIFICATION: TYPE V
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.

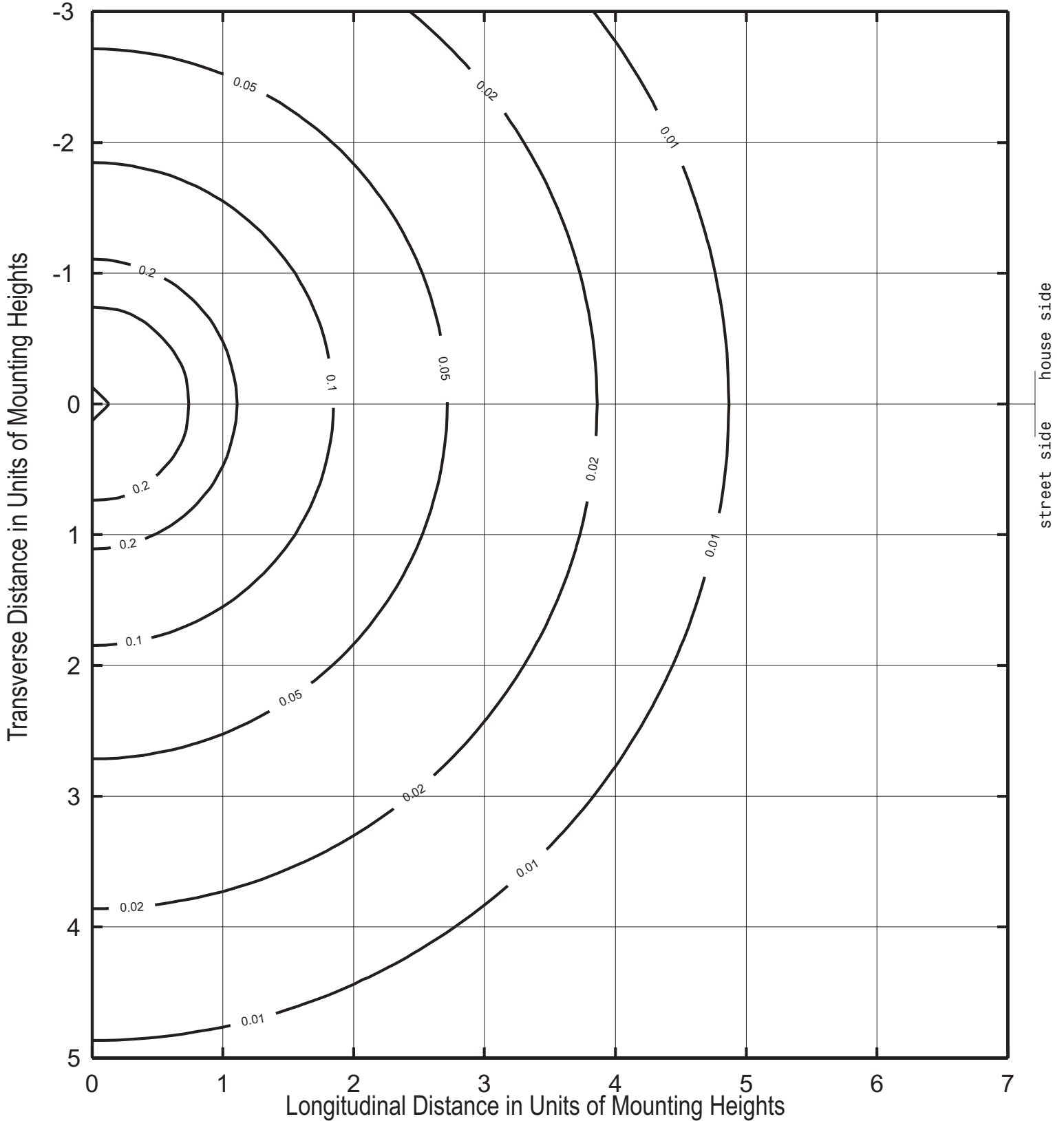
Approved By: [Signature]

*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 12.00 FOOT MOUNTING HEIGHT



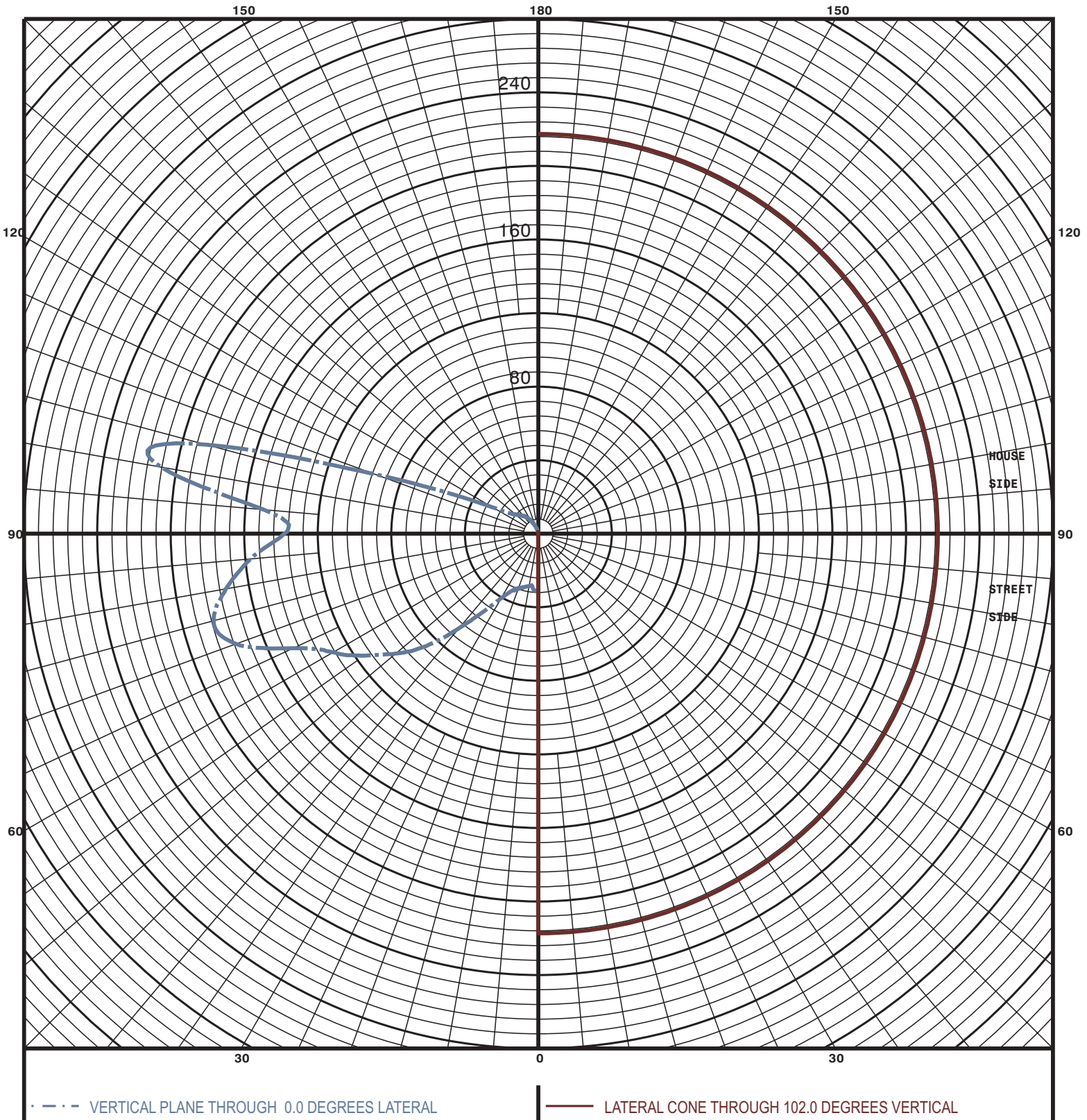


CANDELA DISTRIBUTION

Table with 12 columns (0-90) and 24 rows (0-180) showing candela distribution values. The row for 102 is highlighted in grey.

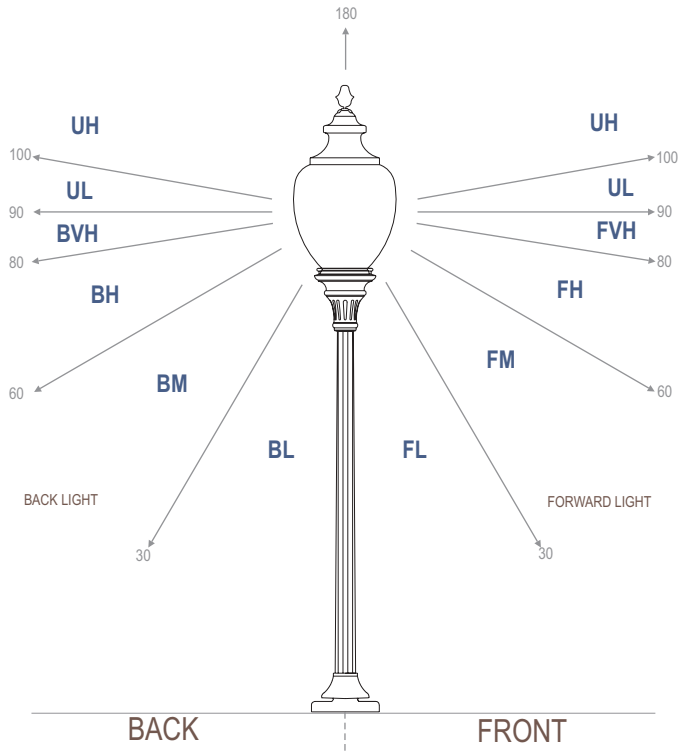


MAXIMUM PLANE AND CONE PLOTS OF CANDELA





FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM
FLUX



ZONE	LUMINAIRE LUMENS	% OF LUMINAIRE LUMENS	
FORWARD LIGHT	370	31.1	
FL (0°-30°)	14	1.2	
FM (30°-60°)	102	8.5	
FH (60°-80°)	169	14.2	
FVH (80°-90°)	85	7.1	

BACK LIGHT	370	31.1	
BL (0°-30°)	14	1.2	
BM (30°-60°)	102	8.5	
BH (60°-80°)	169	14.2	
BVH (80°-90°)	85	7.1	

UPLIGHT	452	37.9	
UL (90°-100°)	173	14.5	
UH (100°-180°)	278	23.3	

TRAPPED LIGHT	NA	NA	
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