

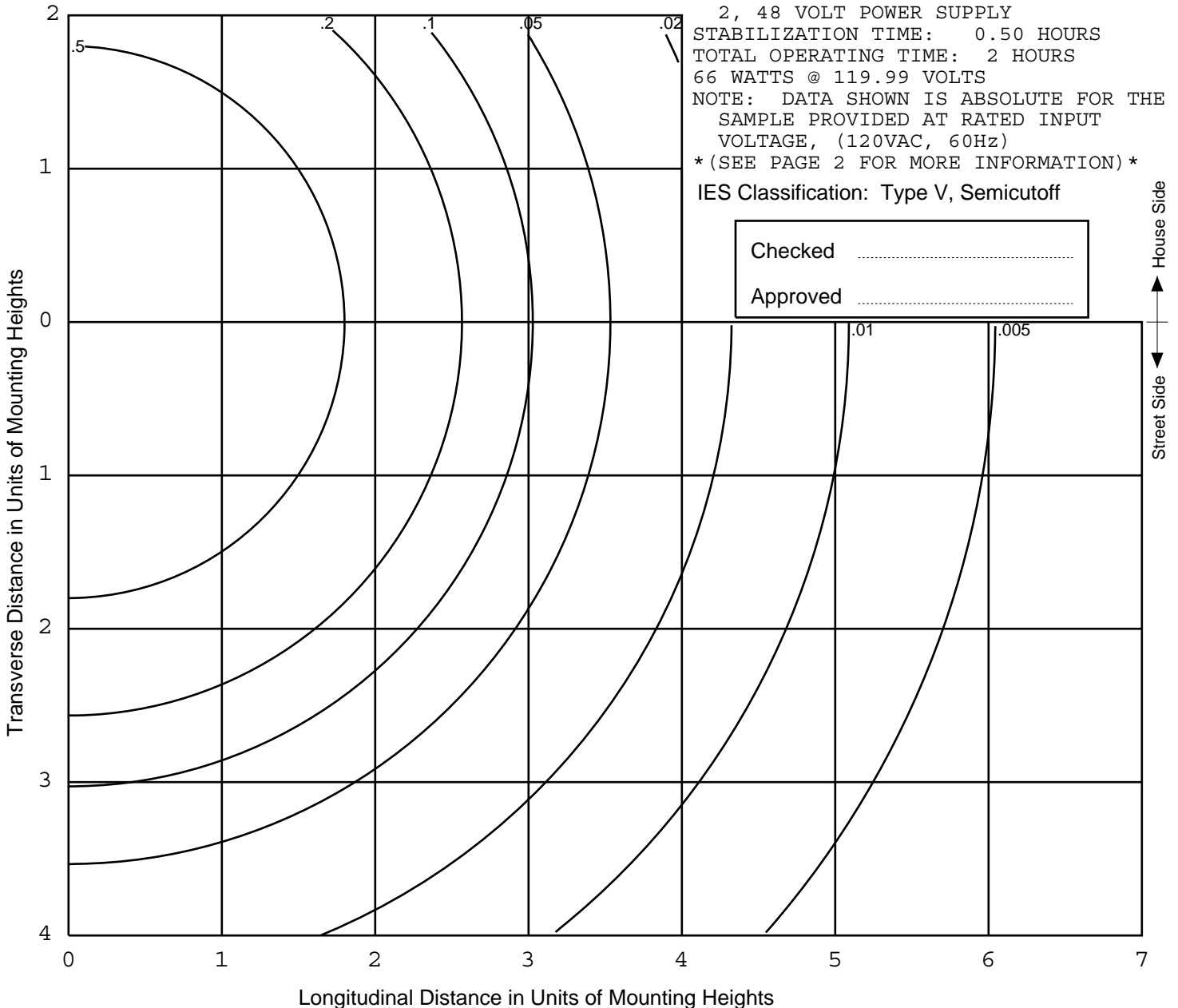
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An A.L.P.
Lighting Brand

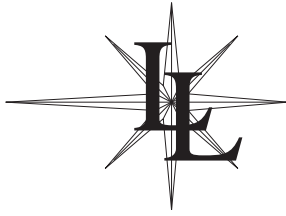
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 Charlevoix, MI 49720
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ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION
 Values based on 16 foot mounting height.

REPORT NUMBER: 03856
 ISSUE DATE: 06/21/11 PAGE: 1 OF 6
 PREPARED FOR: LEXALITE BRAND
 CATALOG NUMBER: 424 V
 LUMINAIRE: 424 V ACRYLIC WITH LED RING
 TYPE V AND PROTOTYPE DOME REFLECTOR
 1.15" OF THREAD ABOVE THE BRACE,
 REFLECTORS 7.25" PHOTOMETRIC CENTER
 LOCATION.
 LAMP CAT. NO.: PIDLLC
 LAMP: TILTED 20 DEGREES 12 PIDLLC LED
 BOARDS TOTAL, P/N 600669-03
 FOR REFERENCE ONLY
 MOUNTING: POST TOP
 LED DRIVER: LED DRIVER: PIDLLC CLASS
 2, 48 VOLT POWER SUPPLY
 STABILIZATION TIME: 0.50 HOURS
 TOTAL OPERATING TIME: 2 HOURS
 66 WATTS @ 119.99 VOLTS
 NOTE: DATA SHOWN IS ABSOLUTE FOR THE
 SAMPLE PROVIDED AT RATED INPUT
 VOLTAGE, (120VAC, 60Hz)
 (SEE PAGE 2 FOR MORE INFORMATION)

IES Classification: Type V, Semicutoff





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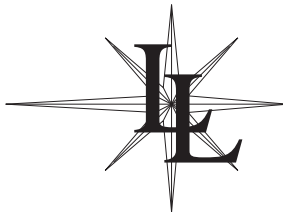
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ADDITIONAL INFORMATION

REFERENCE STANDARD: 100 WATT INCANDESCENT
TEST DISTANCE: 28 FEET
AMBIENT TEMPERATURE: 25C
INSTRUMENT USED: GONIOPHOTOMETER
TEST PROCEDURE: IESNA LM-79-08
LUMENS PER WATT: 70.2

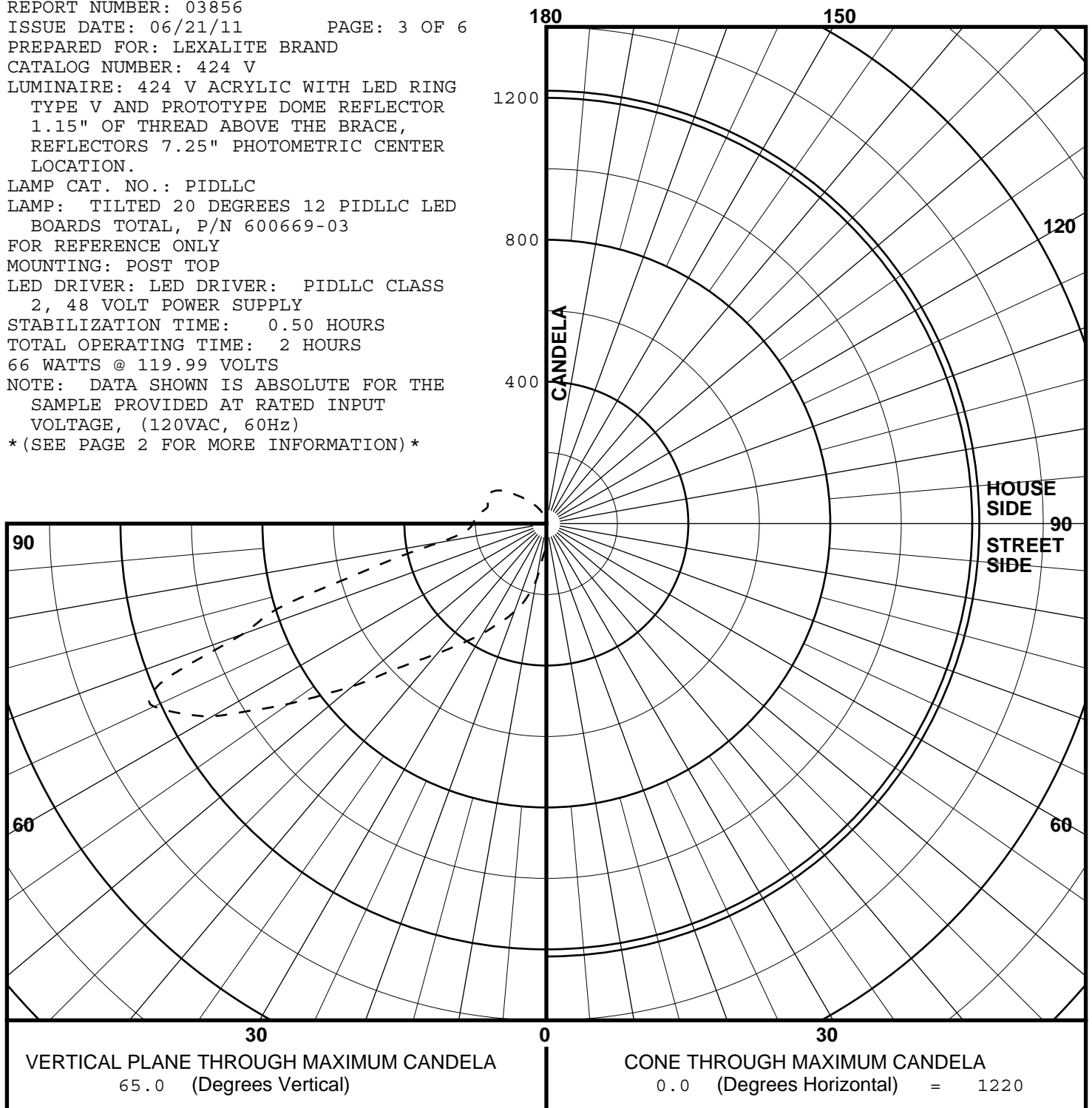


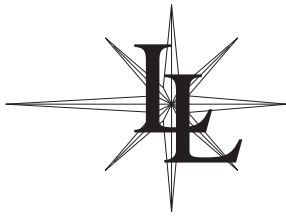
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MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

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 (SEE PAGE 2 FOR MORE INFORMATION)

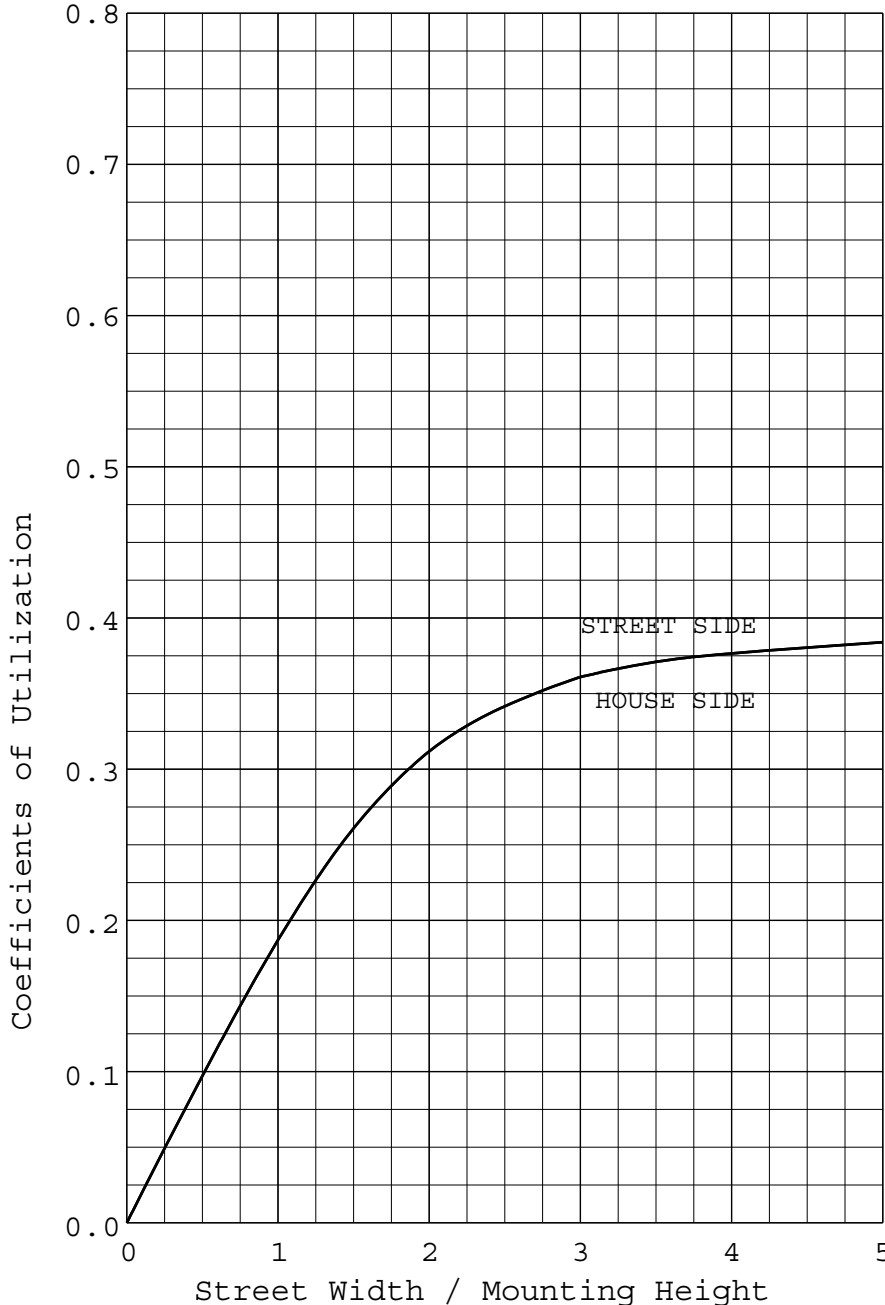




REPORT NUMBER: 03856
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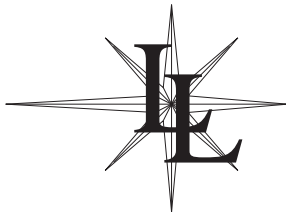
PAGE: 4 OF 6

COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	1871.	40.4
DOWNWARD HOUSE SIDE	1871.	40.4
DOWNWARD TOTAL	3743.	80.8
UPWARD STREET SIDE	445.	9.6
UPWARD HOUSE SIDE	445.	9.6
UPWARD TOTAL	889.	19.2
TOTAL FLUX	4632.	100.0

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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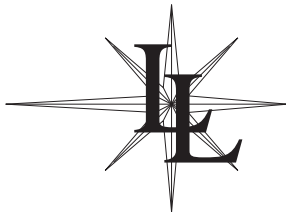
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FLUX DISTRIBUTION BY SOLID ANGLE

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

	LUMENS	PERCENT OF FIXTURE
FORWARD LIGHT	1871.	40.4
FL (0- 30)		2.4
FM (30- 60)		16.3
FH (60- 80)		18.9
FVH(80- 90)		2.8
BACK LIGHT	1871.	40.4
BL (0- 30)		2.4
BM (30- 60)		16.3
BH (60- 80)		18.9
BVH(80- 90)		2.8
UPLIGHT	889.	19.2
UL (90-100)		4.8
UH (100-180)		14.4
TRAPPED LIGHT	0.	0.0
TOTAL FLUX	4632.	100.0



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CANDELA TABULATION -- TYPE V

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180.0	12.
175.0	10.
165.0	23.
155.0	43.
145.0	71.
135.0	110.
125.0	163.
115.0	184.
105.0	173.
95.0	200.
90.0	207.
87.5	213.
85.0	226.
82.5	252.
80.0	307.
77.5	415.
75.0	554.
72.5	790.
70.0	911.
67.5	1178.
65.0	1220.<<
62.5	1159.
60.0	1086.
57.5	979.
55.0	885.
52.5	792.
50.0	714.
47.5	631.
45.0	567.
42.5	518.
40.0	478.
37.5	442.
35.0	411.
30.0	357.
25.0	307.
20.0	264.
15.0	218.
10.0	160.
5.0	88.
0.0	78.

<< INDICATES MAXIMUM CANDELA