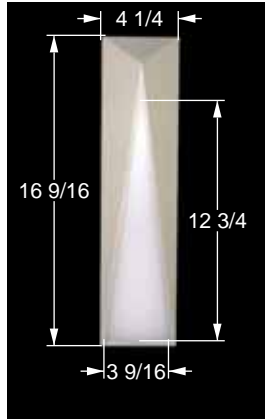


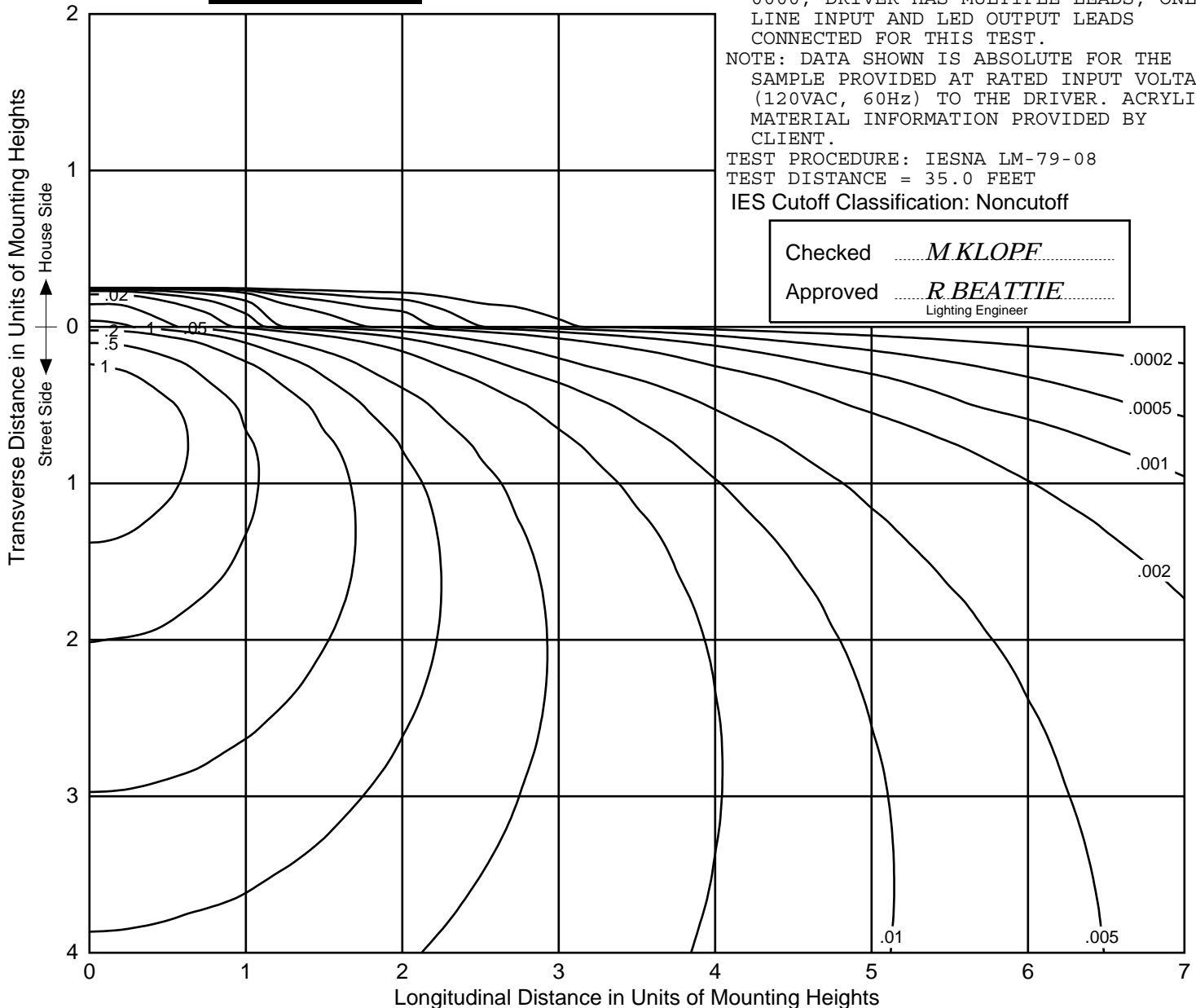


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION
Values based on 5.5 foot mounting height.



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 PREPARED FOR: OXYGEN LIGHTING
 CATALOG NUMBER: 3-736
 LUMINAIRE: FABRICATED WHITE PAINTED METAL WALL MOUNTING PLATE AND DRIVER COVER, 1 WHITE CIRCUIT BOARD WITH 36 LEDs, FABRICATED SILVER PAINTED METAL FORWARD HOUSING, FROSTED TRANSLUCENT WHITE ACRYLIC DIFFUSER. DIFFUSER FROSTED SIDE OUT.
 LAMPS: THIRTY-SIX WHITE LIGHT EMITTING DIODES (LEDS), AIMED AT THE HORIZON.
 INPUT ELECTRICAL: 120.0 VOLTS, 15.6 WATTS, 0.132 AMPS
 LED DRIVER: L.T.F. DA12W350C1834D010-0000, DRIVER HAS MULTIPLE LEADS, ONLY LINE INPUT AND LED OUTPUT LEADS CONNECTED FOR THIS TEST.
 NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT VOLTAGE (120VAC, 60Hz) TO THE DRIVER. ACRYLIC MATERIAL INFORMATION PROVIDED BY CLIENT.
 TEST PROCEDURE: IESNA LM-79-08
 TEST DISTANCE = 35.0 FEET
 IES Cutoff Classification: Noncutoff

Checked *M.KLOPF*
 Approved *R.BEATTIE*
 Lighting Engineer





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ISSUE DATE: 05/09/16 PAGE: 2 OF 8
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LUMINAIRE: FABRICATED WHITE PAINTED METAL WALL MOUNTING PLATE AND DRIVER COVER, 1 WHITE CIRCUIT BOARD WITH 36 LEDS, FABRICATED SILVER PAINTED METAL FORWARD HOUSING, FROSTED TRANSLUCENT WHITE ACRYLIC DIFFUSER. DIFFUSER FROSTED SIDE OUT.

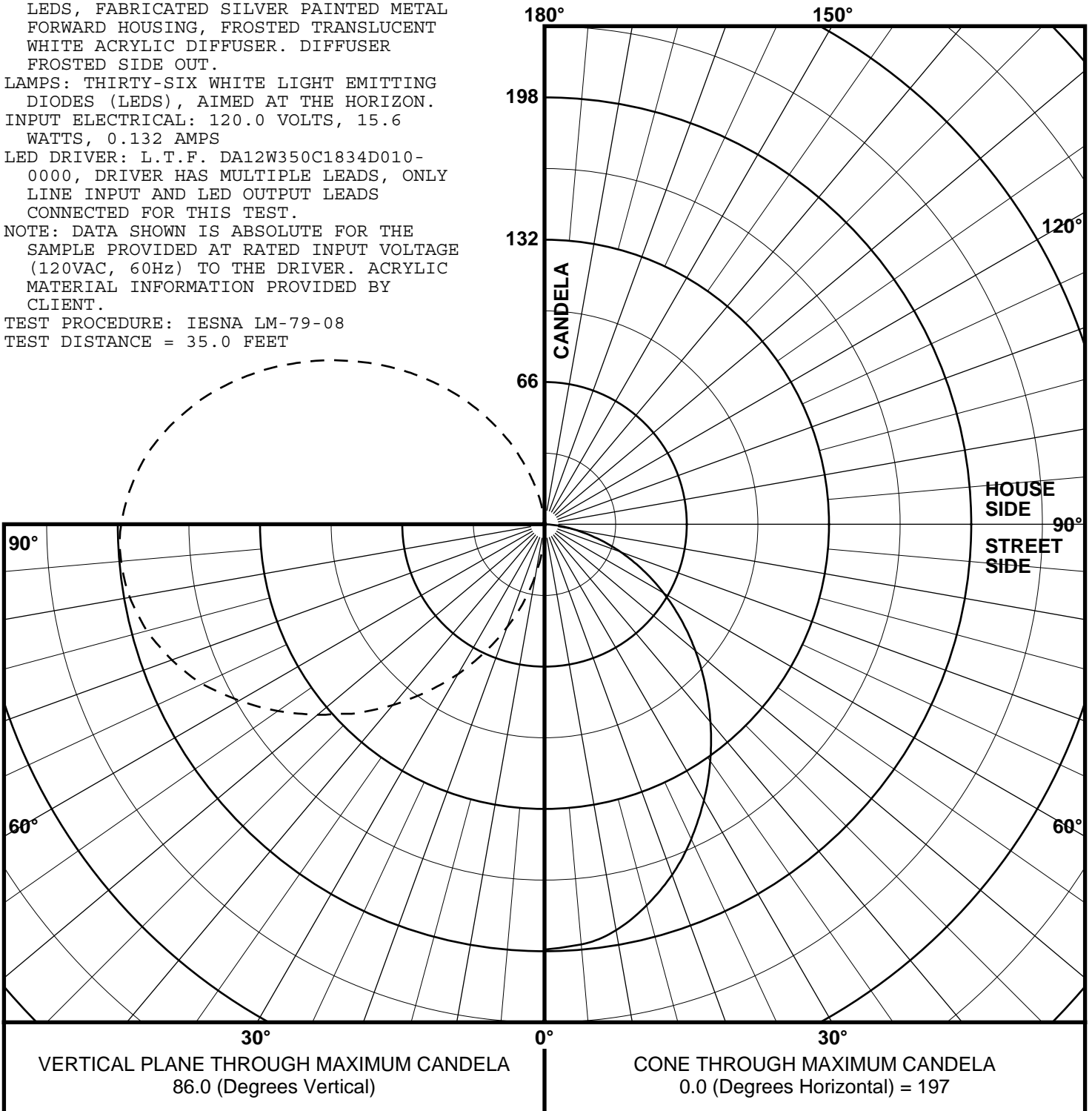
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TEST DISTANCE = 35.0 FEET

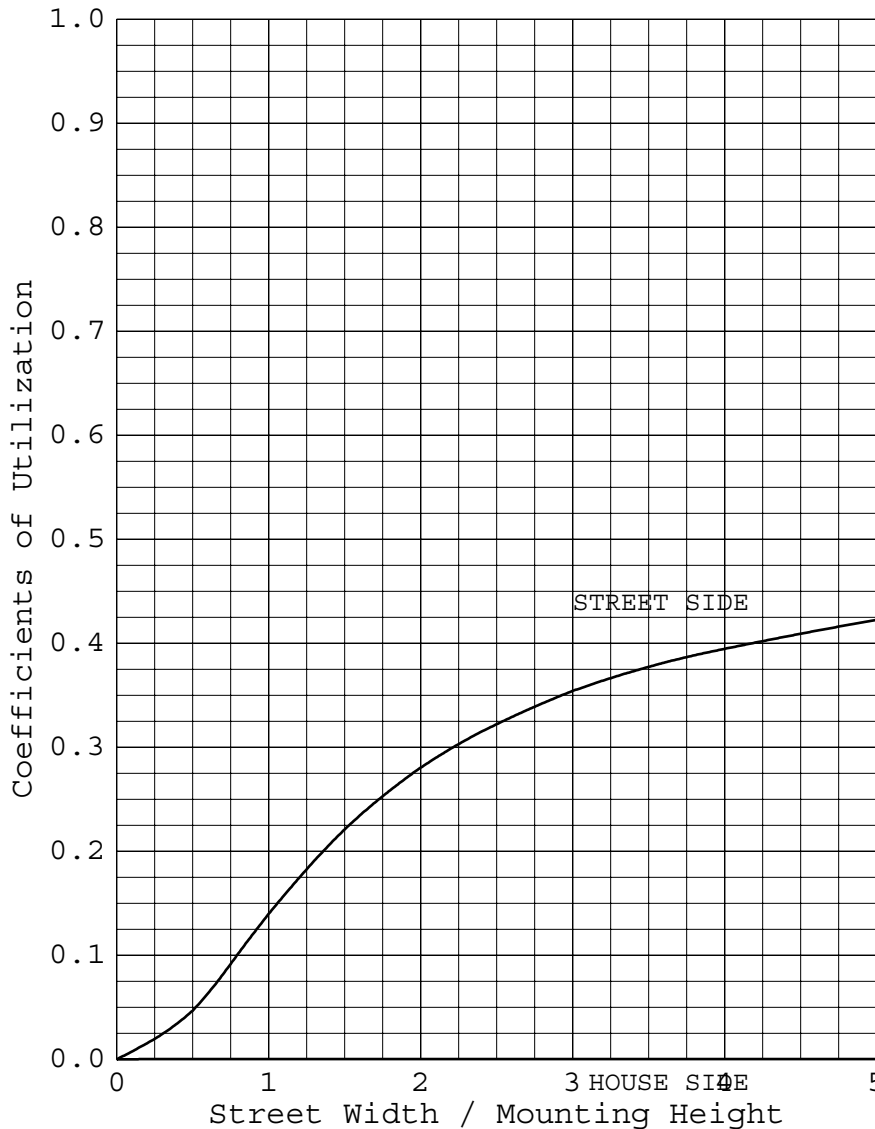
MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA



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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	253	53.4
DOWNWARD HOUSE SIDE	0	0.0
DOWNWARD TOTAL	253	53.5
UPWARD STREET SIDE	221	46.5
UPWARD HOUSE SIDE	0	0.0
UPWARD TOTAL	221	46.5
TOTAL FLUX	474	100.0

EFFICACY = 30.4 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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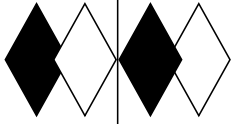
FLUX DISTRIBUTION BY SOLID ANGLE

(PER IESNA TM-15-11, LUMINAIRE CLASSIFICATION SYSTEM FOR OUTDOOR LUMINAIRES)

	LUMENS	PERCENT OF FIXTURE	BUG ZONE RATINGS
FORWARD LIGHT	253.	53.4	
FL (0- 30)	13.2	2.8	
FM (30- 60)	82.6	17.4	
FH (60- 80)	100.9	21.3	G0
FVH(80- 90)	56.6	11.9	G1
BACK LIGHT	0.	0.0	
BL (0- 30)	0.1	0.0	B0
BM (30- 60)	0.0	0.0	B0
BH (60- 80)	0.0	0.0	B0 G0
BVH(80- 90)	0.0	0.0	G0
UPLIGHT	221.	46.5	
UL (90-100)	55.1	11.6	U3
UH (100-180)	165.6	34.9	U3
TRAPPED LIGHT	0.	0.0	
TOTAL FLUX	474.	100.0	

BACKLIGHT, UPLIGHT, AND GLARE (BUG) RATINGS
(PER ADDENDUM A FOR IESNA TM-15-11)

BUG RATING: B0 U3 G1



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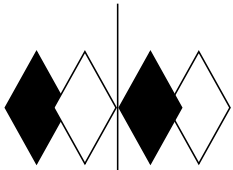
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CANDELA TABULATION

	STREET SIDE										
	0.0	5.0	15.0	25.0	35.0	45.0	55.0	65.0	75.0	85.0	90.0
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	2.	2.	1.	1.	0.	0.	0.	0.	0.	0.	0.
	21.	20.	20.	18.	15.	11.	7.	4.	0.	0.	0.
	47.	46.	44.	40.	34.	27.	19.	11.	4.	0.	0.
	75.	75.	71.	64.	55.	43.	31.	18.	7.	0.	0.
	104.	103.	98.	88.	75.	60.	43.	27.	11.	0.	0.
	132.	131.	124.	111.	94.	75.	54.	34.	15.	1.	0.
	158.	157.	147.	131.	110.	87.	63.	40.	18.	2.	0.
	179.	178.	166.	147.	123.	97.	71.	45.	21.	3.	0.
	193.	191.	179.	157.	131.	103.	75.	49.	24.	4.	0.
	195.	193.	180.	159.	132.	104.	76.	49.	24.	4.	0.
	196.	195.	182.	160.	133.	105.	77.	50.	25.	5.	0.
	197.	196.	183.	161.	134.	105.	77.	50.	25.	5.	0.
	197.	196.	183.	161.	134.	106.	78.	51.	25.	5.	0.
V	197.	196.	183.	161.	134.	105.	78.	51.	25.	5.	0.
E	197.	195.	182.	161.	134.	105.	78.	51.	26.	5.	0.
R	195.	194.	181.	160.	133.	105.	78.	51.	26.	6.	0.
T	193.	191.	180.	158.	132.	104.	77.	51.	26.	6.	0.
I	191.	189.	178.	157.	131.	104.	77.	51.	26.	6.	0.
C	188.	186.	175.	155.	130.	103.	76.	50.	26.	6.	0.
A	184.	182.	171.	152.	128.	102.	75.	50.	26.	6.	0.
L	180.	178.	168.	149.	126.	100.	74.	49.	26.	7.	0.
	175.	173.	164.	145.	123.	98.	73.	49.	26.	7.	1.
A	169.	168.	159.	142.	120.	96.	72.	48.	25.	7.	1.
N	164.	162.	154.	137.	117.	93.	70.	47.	25.	7.	1.
G	157.	156.	148.	132.	113.	91.	68.	46.	24.	7.	1.
L	151.	150.	142.	128.	109.	88.	66.	45.	24.	7.	1.
E	144.	144.	136.	122.	105.	85.	64.	43.	23.	7.	1.
	138.	137.	130.	117.	101.	82.	62.	42.	22.	7.	1.
	130.	130.	124.	112.	96.	78.	60.	40.	22.	7.	1.
	124.	123.	117.	106.	92.	75.	57.	39.	21.	7.	1.
	117.	115.	111.	100.	87.	71.	55.	37.	21.	7.	1.
	110.	108.	104.	95.	82.	68.	52.	35.	20.	7.	2.
	102.	101.	97.	89.	77.	64.	49.	34.	19.	7.	2.
	95.	95.	90.	83.	72.	60.	46.	32.	18.	7.	2.
	80.	80.	76.	70.	62.	51.	40.	28.	16.	6.	2.
	65.	65.	62.	58.	51.	42.	33.	23.	14.	6.	2.
	51.	51.	49.	45.	40.	34.	27.	19.	12.	6.	3.
	37.	37.	36.	33.	29.	25.	20.	15.	10.	6.	3.
	24.	24.	23.	22.	19.	17.	14.	11.	8.	5.	4.
	13.	12.	12.	11.	11.	10.	8.	7.	6.	4.	4.
	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.

PLANE OF MAXIMUM CANDELA

CONE OF MAXIMUM CANDELA



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CANDELA TABULATION

	HOUSE SIDE		LATERAL ANGLE							
	95.0	105.0	115.0	125.0	135.0	145.0	155.0	165.0	175.0	180.0
180.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
175.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
165.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
155.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
145.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
135.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
125.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
115.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
105.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
95.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
92.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
90.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
87.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
86.0<<	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
V 85.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
E 82.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
R 80.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
T 77.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
I 75.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
C 72.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
A 70.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
L 67.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
65.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
A 62.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
N 60.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
G 57.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
L 55.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
E 52.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
50.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
47.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
45.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
42.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
40.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
37.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
35.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20.0	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15.0	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10.0	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5.0	3.	2.	1.	0.	0.	0.	0.	0.	0.	0.
0.0	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.

CONE OF MAXIMUM CANDELA



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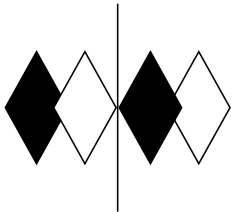
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5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	0
5- 10	0
10- 15	1
15- 20	2
20- 25	4
25- 30	6
30- 35	8
35- 40	10
40- 45	12
45- 50	15
50- 55	18
55- 60	20
60- 65	23
65- 70	25
70- 75	26
75- 80	27
80- 85	28
85- 90	28
90- 95	28
95-100	27
100-105	26
105-110	24
110-115	22
115-120	20
120-125	17
125-130	15
130-135	12
135-140	10
140-145	7
145-150	5
150-155	4
155-160	2
160-165	1
165-170	0
170-175	0
175-180	0

10-DEGREE
ZONAL LUMEN SUMMARY

0- 10	1
0- 20	4
0- 30	13
0- 40	31
0- 50	58
0- 60	96
0- 70	143
0- 80	197
0- 90	253
0-100	309
0-110	358
0-120	400
0-130	432
0-140	454
0-150	467
0-160	473
0-170	474
0-180	474



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