

**REPORT NUMBER:** PRORATED FROM RAB04496

**PAGE:** 1 OF 10

**ISSUE DATE:** 09/21/18

**PREPARED FOR:** RAB LIGHTING INC. RC LIGHTING

**CATALOG NUMBER:** BRISKS17L

**LUMINAIRE:** CAST BROWN PAINTED METAL HOUSING, FORMED SPECULAR PAINTED REFLECTOR, 1 WHITE CIRCUIT BOARD WITH 24 LEDS, MOLDED FROSTED PLASTIC LENS.

**LAMPS:** TWENTY-FOUR WHITE LIGHT EMITTING DIODES (LEDS), TILTED 30-DEGREE FROM VERTICAL BASE-UP POSITION.

**ABSOLUTE:** NOTE: THIS REPORT WAS PRORATED FROM RAB04496 WHICH WAS BRISKS17L-750. ACTUAL PERFORMANCE MAY VARY.

**WATT:** TOTAL INPUT WATTS = 13.5 W AT 277.0 VAC.

**LED DRIVER:** LED DRIVER: RD-014-EGH-A0450

**PROCEDURE:** TEST PROCEDURE: IESNA LM-79-08

**NOTE:** LM-80 DATA AVAILABLE FROM MANUFACTURER FOR SOLID STATE SOURCE



Checked X.CAO

Approved D.WANG-MUNSON

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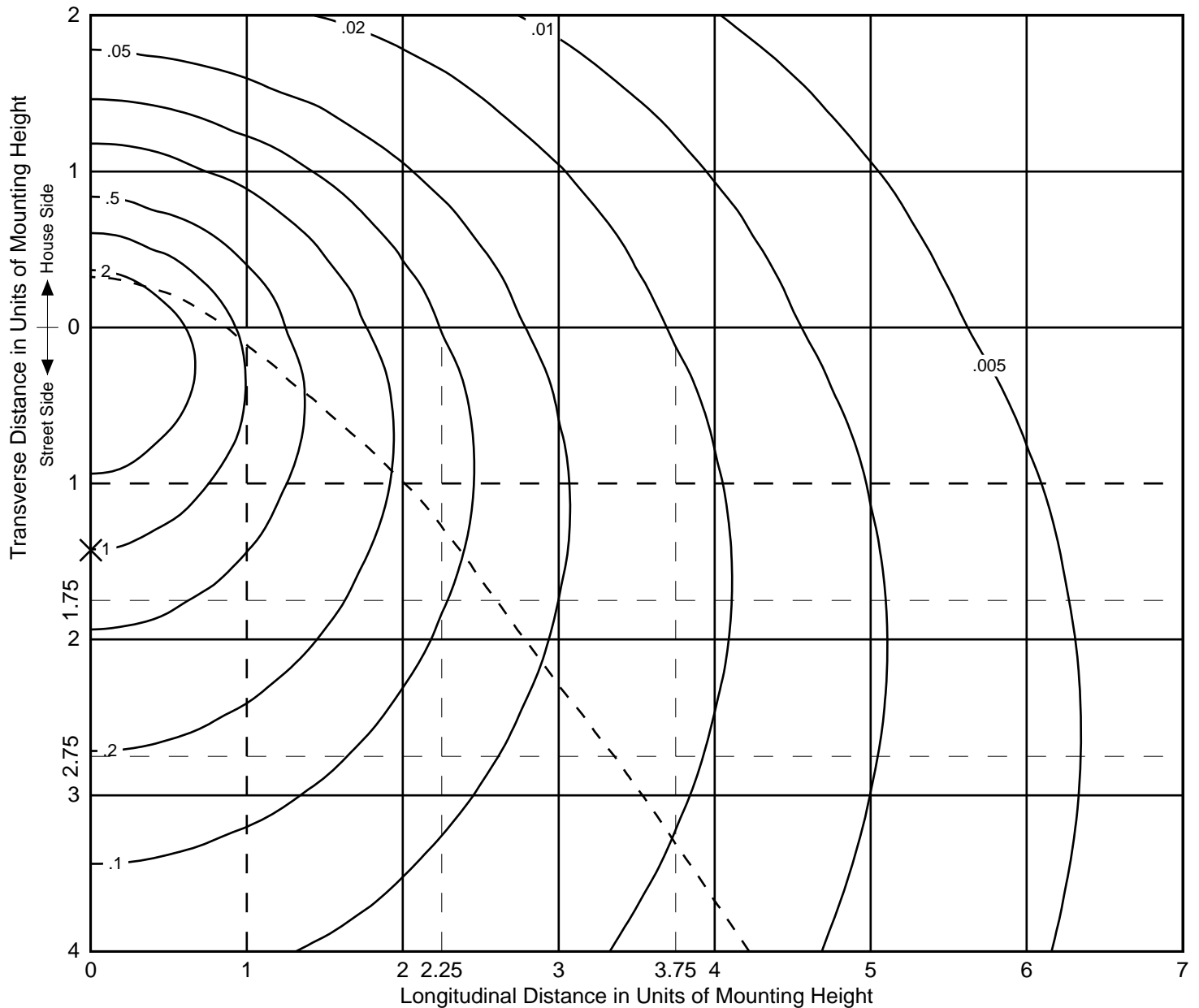
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## ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 10-foot mounting height

IES Classification: (does not classify)  
Cutoff Classification (deprecated): Noncutoff

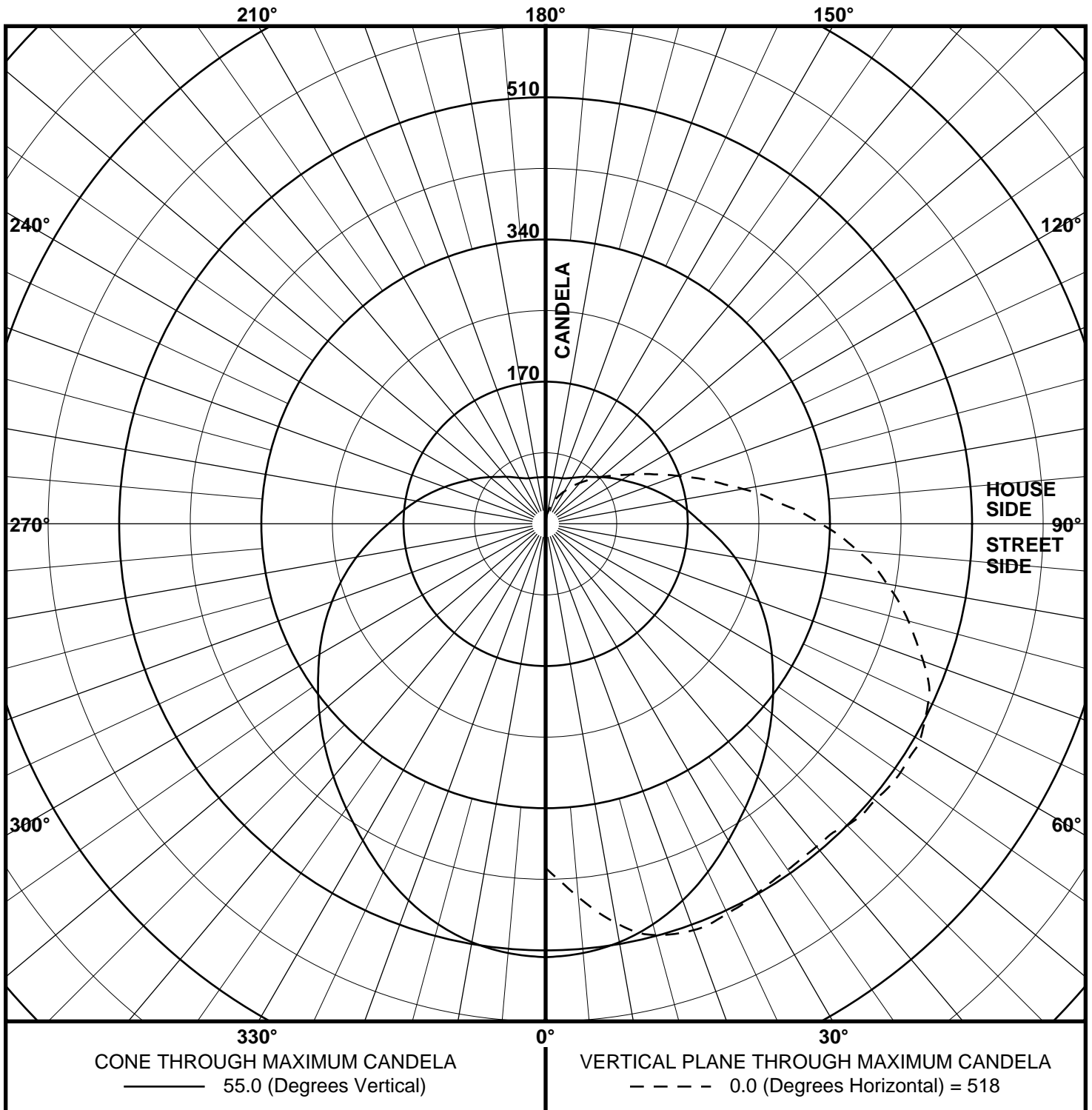
— — — — — 1/2 Maximum Candela trace  
X Maximum Candela point



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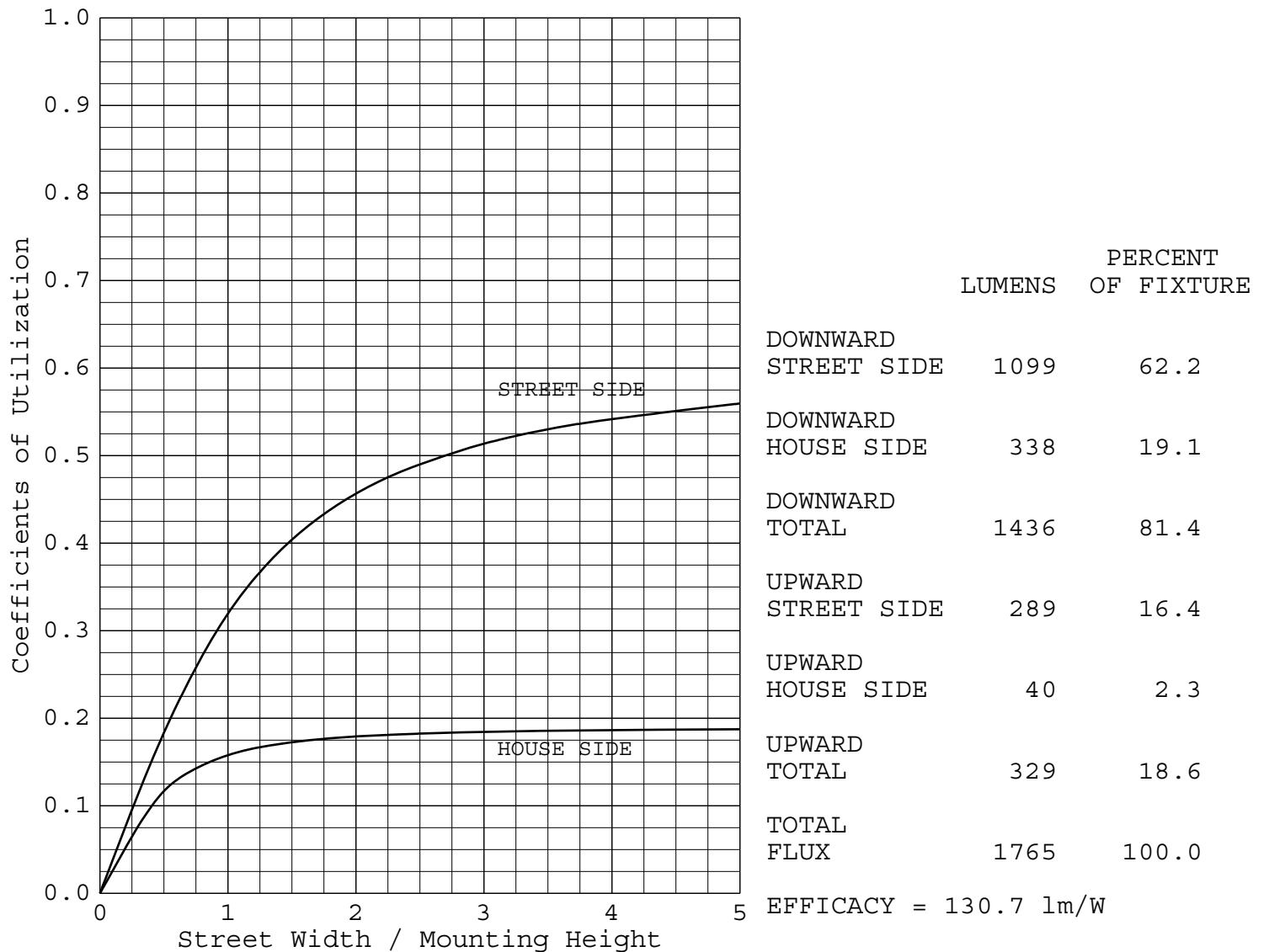
MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA



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## COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



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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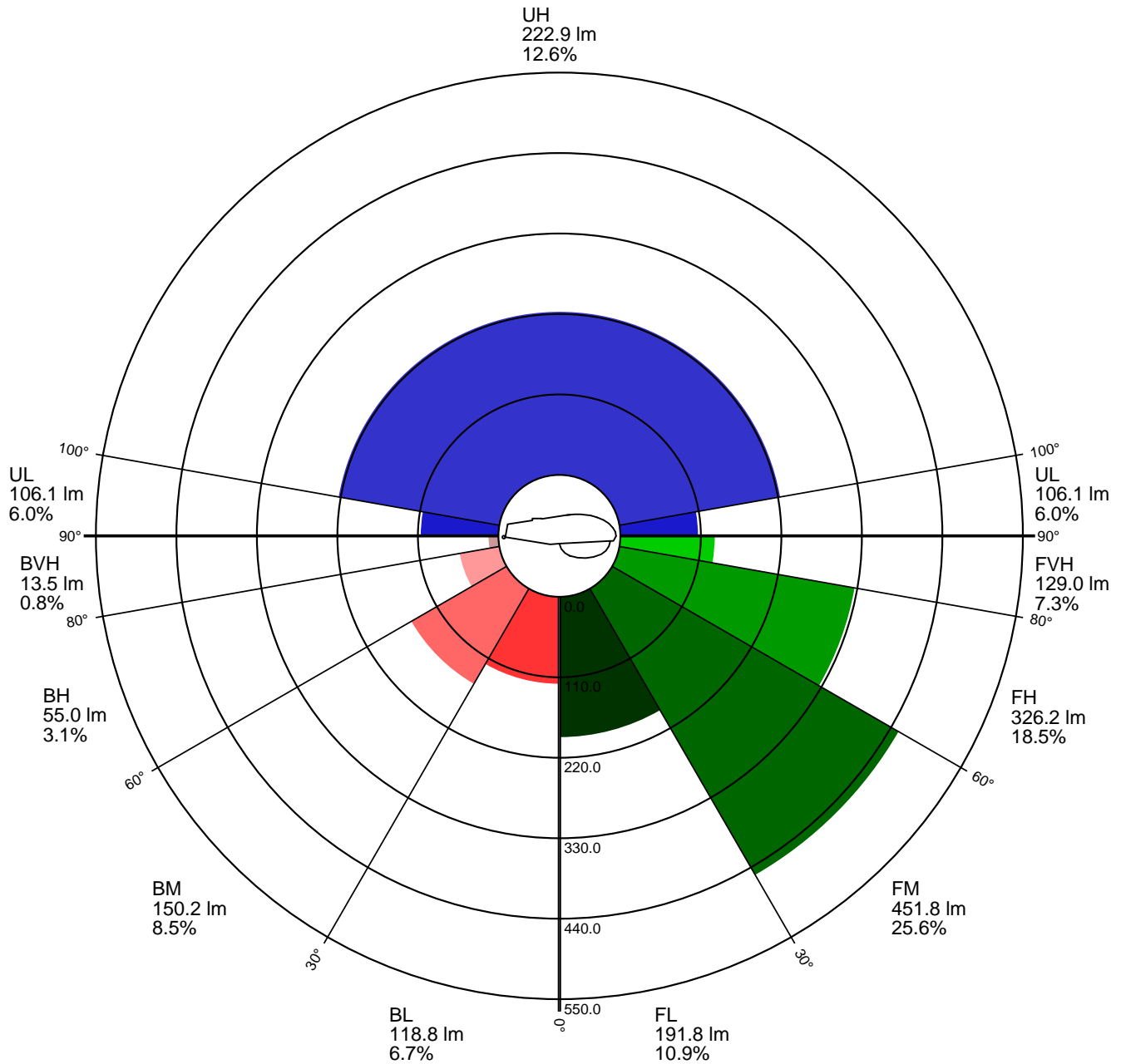
BUG Rating			<div>B1 U3 G2</div>		
Zonal Summary			Zone Ratings		
			B	U	G
Forward					
FL	(0° – 30°)	1099			
FM	(30° – 60°)	191.8			
FH	(60° – 80°)	451.8			
FVH	(80° – 90°)	326.2			G0
		129.0			G2
Backward					
BL	(0° – 30°)	338			
BM	(30° – 60°)	118.8	B1		
BH	(60° – 80°)	150.2	B0		
BVH	(80° – 90°)	55.0	B0		G0
		13.5			G1
Upward					
UL	(90° – 100°)	329			
UH	(100° – 180°)	106.1		U3	
		222.9		U3	
Trapped Light					
Total Flux					
		0			
		1765			
		100.0			

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## Zonal Lumen Summary

(Linear scale)

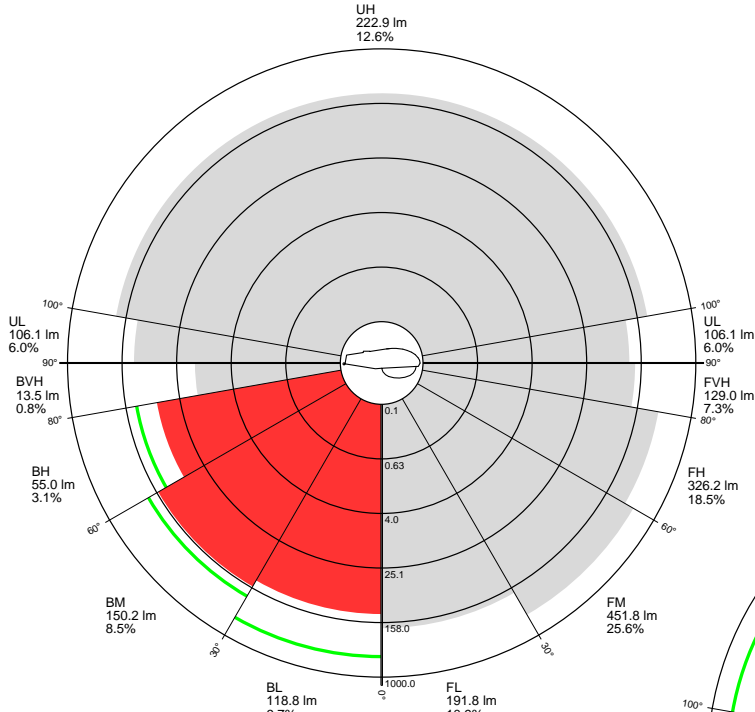


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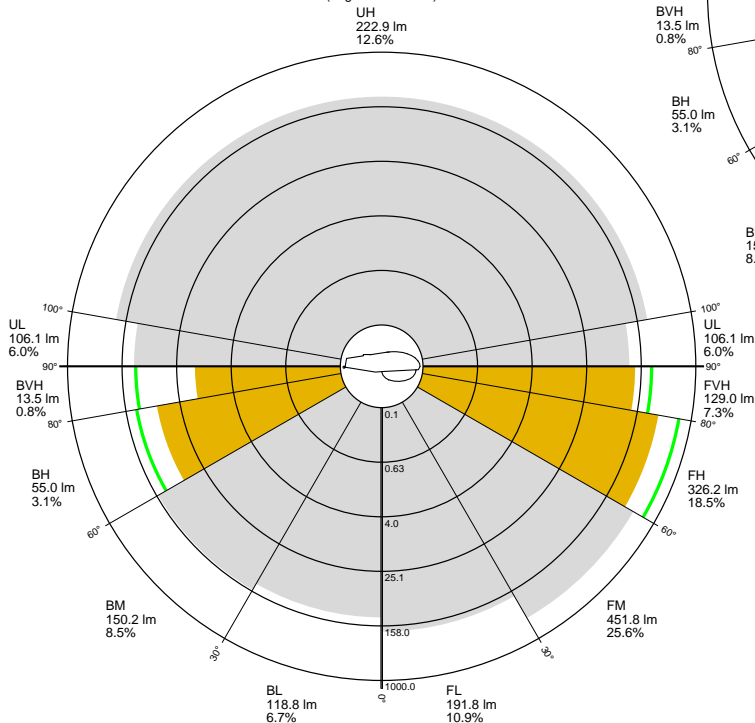
## Backlight Rating Details

(Logarithmic scale)



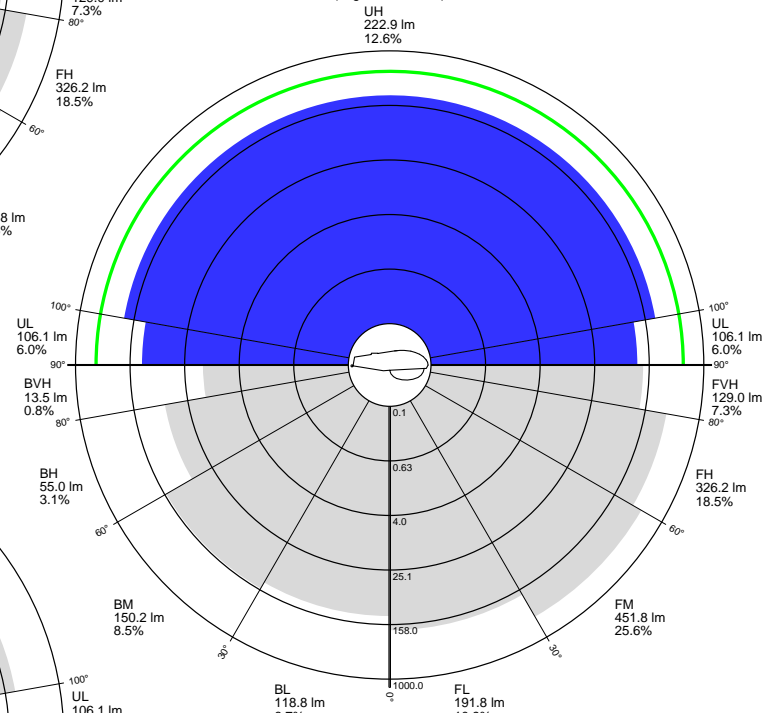
## Glare Rating Details

(Logarithmic scale)



## Uplight Rating Details

(Logarithmic scale)



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### CANDELA TABULATION

	STREET SIDE	LATERAL ANGLE										
		0.0	2.5	5.0	15.0	25.0	35.0	45.0	55.0	65.0	75.0	85.0
	180.0	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	175.0	0.	0.	1.	2.	2.	3.	3.	3.	3.	3.	3.
	165.0	20.	20.	20.	20.	19.	18.	18.	16.	14.	12.	10.
	155.0	37.	37.	37.	36.	35.	33.	30.	28.	24.	20.	16.
	145.0	54.	54.	54.	53.	51.	49.	45.	41.	36.	29.	23.
	135.0	75.	74.	74.	72.	69.	65.	60.	53.	46.	39.	29.
	125.0	101.	101.	101.	97.	90.	84.	75.	66.	56.	46.	36.
	115.0	140.	139.	139.	133.	123.	111.	98.	83.	69.	55.	42.
	105.0	201.	200.	200.	188.	172.	150.	130.	109.	88.	68.	51.
	95.0	281.	282.	282.	265.	240.	206.	174.	143.	115.	87.	64.
	92.5	307.	307.	305.	288.	260.	224.	188.	153.	123.	94.	68.
	90.0	329.	330.	329.	311.	280.	242.	203.	167.	134.	103.	73.
	87.5	354.	355.	352.	333.	301.	260.	219.	181.	146.	113.	81.
	85.0	375.	376.	375.	355.	321.	278.	236.	194.	160.	124.	90.
V	82.5	397.	398.	397.	376.	341.	297.	252.	209.	173.	135.	100.
E	80.0	415.	415.	413.	396.	360.	314.	267.	224.	185.	146.	110.
R	77.5	433.	434.	433.	412.	377.	329.	281.	238.	198.	157.	119.
T	75.0	449.	449.	447.	426.	392.	343.	295.	249.	209.	169.	129.
I	72.5	464.	464.	463.	440.	406.	358.	308.	262.	222.	180.	139.
C	70.0	481.	482.	479.	456.	418.	372.	322.	275.	235.	192.	149.
A	67.5	496.	496.	494.	471.	432.	385.	334.	289.	247.	204.	161.
L	65.0	505.	504.	503.	481.	441.	395.	345.	299.	257.	214.	171.
	62.5	511.	512.	509.	488.	447.	403.	354.	308.	266.	224.	180.
A	60.0	517.	515.	514.	493.	453.	411.	362.	317.	276.	233.	190.
N	57.5	517.	517.	515.	495.	456.	413.	368.	324.	283.	242.	199.
G	55.0<<	518.	517.	515.	496.	459.	416.	374.	332.	293.	251.	208.
L	52.5	517.	516.	515.	495.	460.	419.	380.	339.	302.	260.	218.
E	50.0	514.	514.	512.	494.	461.	423.	387.	349.	312.	271.	231.
	47.5	514.	512.	511.	494.	464.	428.	394.	358.	322.	282.	243.
	45.0	510.	509.	507.	492.	464.	432.	401.	368.	333.	295.	255.
	42.5	504.	505.	504.	490.	465.	436.	409.	377.	344.	307.	267.
	40.0	504.	504.	502.	491.	469.	443.	415.	389.	358.	320.	280.
	37.5	504.	503.	502.	492.	474.	451.	426.	401.	370.	334.	296.
	35.0	505.	504.	503.	494.	479.	459.	436.	412.	383.	348.	310.
	32.5	506.	506.	505.	497.	484.	466.	446.	421.	396.	361.	324.
	30.0	509.	508.	508.	502.	491.	475.	455.	431.	406.	372.	338.
	25.0	514.	514.	514.	509.	500.	487.	469.	446.	420.	394.	362.
	20.0	517.	516.	516.	512.	504.	492.	476.	456.	434.	413.	385.
	15.0	509.	508.	507.	505.	497.	488.	475.	459.	441.	420.	402.
	10.0	485.	484.	484.	482.	476.	469.	460.	450.	437.	424.	415.
	5.0	448.	446.	447.	445.	442.	441.	435.	431.	425.	419.	412.
	0.0	412.	412.	412.	412.	412.	412.	412.	412.	412.	412.	412.

||  
PLANE OF MAXIMUM CANDELA

CONE OF MAXIMUM CANDELA



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### CANDELA TABULATION

	HOUSE SIDE		LATERAL ANGLE								
	90.0	95.0	105.0	115.0	125.0	135.0	145.0	155.0	165.0	175.0	180.0
180.0	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
175.0	2.	2.	2.	2.	1.	1.	1.	1.	0.	0.	0.
165.0	9.	8.	7.	6.	4.	3.	2.	1.	1.	0.	0.
155.0	15.	13.	11.	10.	7.	5.	3.	1.	1.	1.	1.
145.0	21.	19.	16.	14.	10.	7.	4.	2.	1.	1.	1.
135.0	26.	24.	21.	17.	13.	9.	5.	2.	1.	1.	1.
125.0	30.	28.	24.	20.	15.	10.	5.	2.	1.	1.	1.
115.0	36.	34.	28.	23.	17.	12.	6.	2.	1.	1.	1.
105.0	43.	40.	33.	26.	19.	13.	7.	3.	2.	2.	2.
95.0	54.	48.	39.	29.	21.	14.	8.	3.	2.	2.	2.
92.5	57.	51.	40.	30.	22.	14.	8.	3.	2.	2.	2.
90.0	61.	54.	42.	31.	22.	14.	7.	3.	2.	2.	2.
87.5	68.	60.	45.	33.	23.	15.	8.	3.	2.	2.	2.
85.0	76.	66.	50.	37.	26.	16.	9.	4.	2.	2.	2.
V 82.5	83.	73.	56.	42.	29.	20.	12.	7.	5.	4.	5.
E 80.0	92.	81.	62.	46.	34.	23.	15.	10.	8.	8.	8.
R 77.5	102.	89.	68.	51.	39.	27.	19.	13.	12.	11.	11.
T 75.0	111.	98.	75.	57.	43.	31.	23.	17.	15.	15.	15.
I 72.5	120.	106.	82.	62.	48.	37.	27.	21.	19.	18.	18.
C 70.0	130.	116.	90.	69.	54.	42.	33.	25.	24.	23.	23.
A 67.5	140.	125.	99.	76.	60.	47.	38.	30.	28.	27.	27.
L 65.0	150.	135.	107.	83.	66.	53.	43.	36.	34.	33.	33.
62.5	160.	143.	115.	91.	73.	59.	48.	42.	39.	38.	38.
A 60.0	169.	152.	124.	100.	80.	65.	55.	48.	45.	44.	44.
N 57.5	179.	163.	133.	108.	87.	72.	61.	53.	51.	49.	50.
G 55.0<<	188.	172.	142.	116.	96.	79.	68.	60.	57.	56.	56.
L 52.5	199.	182.	152.	126.	105.	87.	75.	67.	64.	62.	62.
E 50.0	210.	194.	164.	136.	114.	97.	83.	75.	71.	69.	70.
47.5	223.	205.	175.	147.	124.	106.	92.	83.	79.	77.	77.
45.0	235.	217.	187.	159.	135.	116.	102.	92.	88.	85.	85.
42.5	248.	231.	200.	171.	146.	126.	112.	102.	98.	94.	94.
40.0	262.	245.	213.	184.	159.	138.	123.	113.	108.	105.	105.
37.5	276.	259.	228.	198.	173.	150.	135.	124.	119.	117.	116.
35.0	292.	274.	243.	213.	187.	165.	148.	136.	132.	128.	128.
32.5	306.	290.	258.	229.	202.	180.	164.	151.	145.	141.	141.
30.0	320.	304.	274.	245.	217.	195.	179.	167.	160.	156.	156.
25.0	346.	331.	304.	276.	252.	230.	214.	200.	194.	190.	191.
20.0	371.	359.	334.	311.	290.	269.	254.	242.	236.	231.	233.
15.0	391.	382.	362.	343.	326.	310.	298.	287.	281.	278.	279.
10.0	406.	399.	385.	372.	361.	350.	341.	334.	331.	327.	328.
5.0	413.	409.	402.	396.	390.	384.	381.	377.	376.	374.	375.
0.0	412.	412.	412.	412.	412.	412.	412.	412.	412.	412.	412.

CONE OF MAXIMUM CANDELA

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### 5-DEGREE ZONAL LUMEN SUMMARY

0- 5	10
5- 10	29
10- 15	47
15- 20	63
20- 25	76
25- 30	85
30- 35	93
35- 40	97
40- 45	100
45- 50	103
50- 55	104
55- 60	105
60- 65	103
65- 70	100
70- 75	93
75- 80	85
80- 85	76
85- 90	66
90- 95	57
95-100	49
100-105	42
105-110	35
110-115	30
115-120	25
120-125	21
125-130	17
130-135	14
135-140	12
140-145	9
145-150	7
150-155	5
155-160	3
160-165	2
165-170	1
170-175	0
175-180	0

### 10-DEGREE ZONAL LUMEN SUMMARY

0- 10	39
0- 20	149
0- 30	311
0- 40	500
0- 50	704
0- 60	913
0- 70	1116
0- 80	1294
0- 90	1436
0-100	1542
0-110	1619
0-120	1674
0-130	1712
0-140	1738
0-150	1754
0-160	1762
0-170	1765
0-180	1765