

**REPORT NUMBER:** PRORATED FROM RAB04486

**PAGE:** 1 OF 10

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

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

**CATALOG NUMBER:** BRISKM32L

**LUMINAIRE:** CAST BROWN PAINTED METAL HOUSING, FORMED SPECULAR PAINTED REFLECTOR, 1 WHITE CIRCUIT BOARD WITH 54 LEDS, MOLDED FROSTED PLASTIC LENS.

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

**ABSOLUTE:** NOTE: THIS REPORT WAS PRORATED FROM RAB04486 WHICH WAS BRISKM32L-730. ACTUAL PERFORMANCE MAY VARY.

**WATT:** TOTAL INPUT WATTS = 22.4 W AT 277.0 VAC.

**LED DRIVER:** LED DRIVER: RDF25U7-39

**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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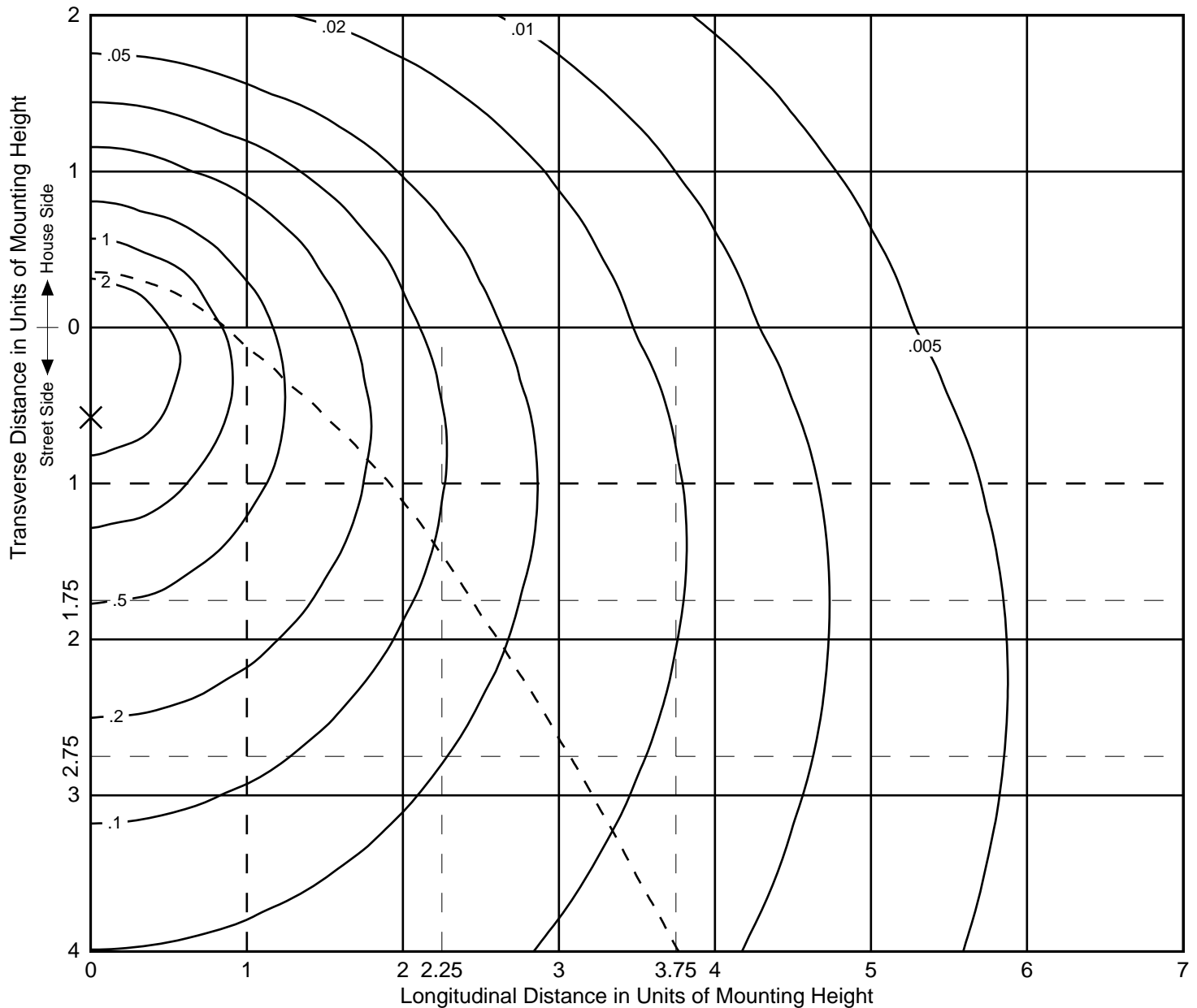
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## ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 15-foot mounting height

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

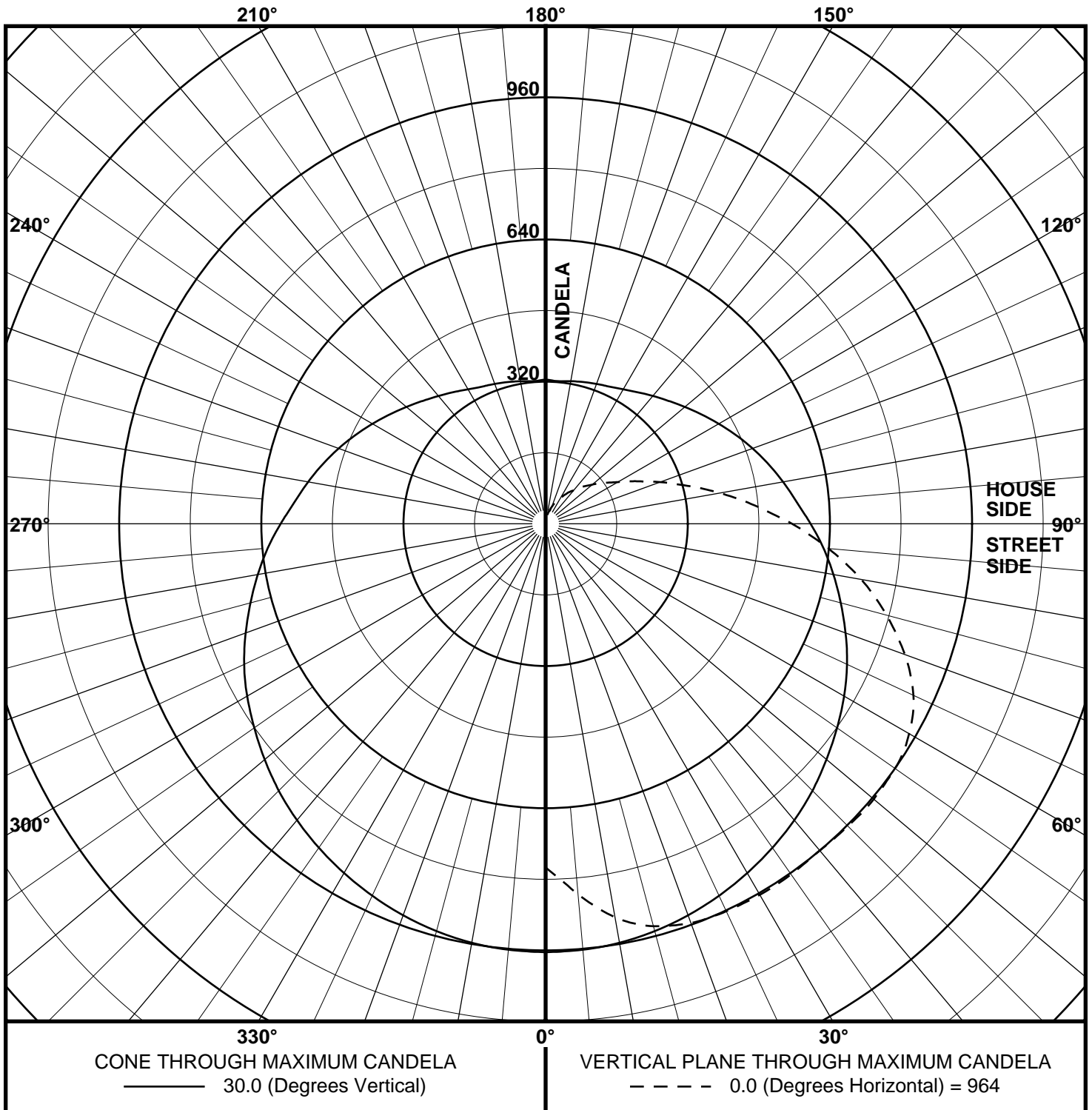
— — — — — 1/2 Maximum Candela trace  
X Maximum Candela point



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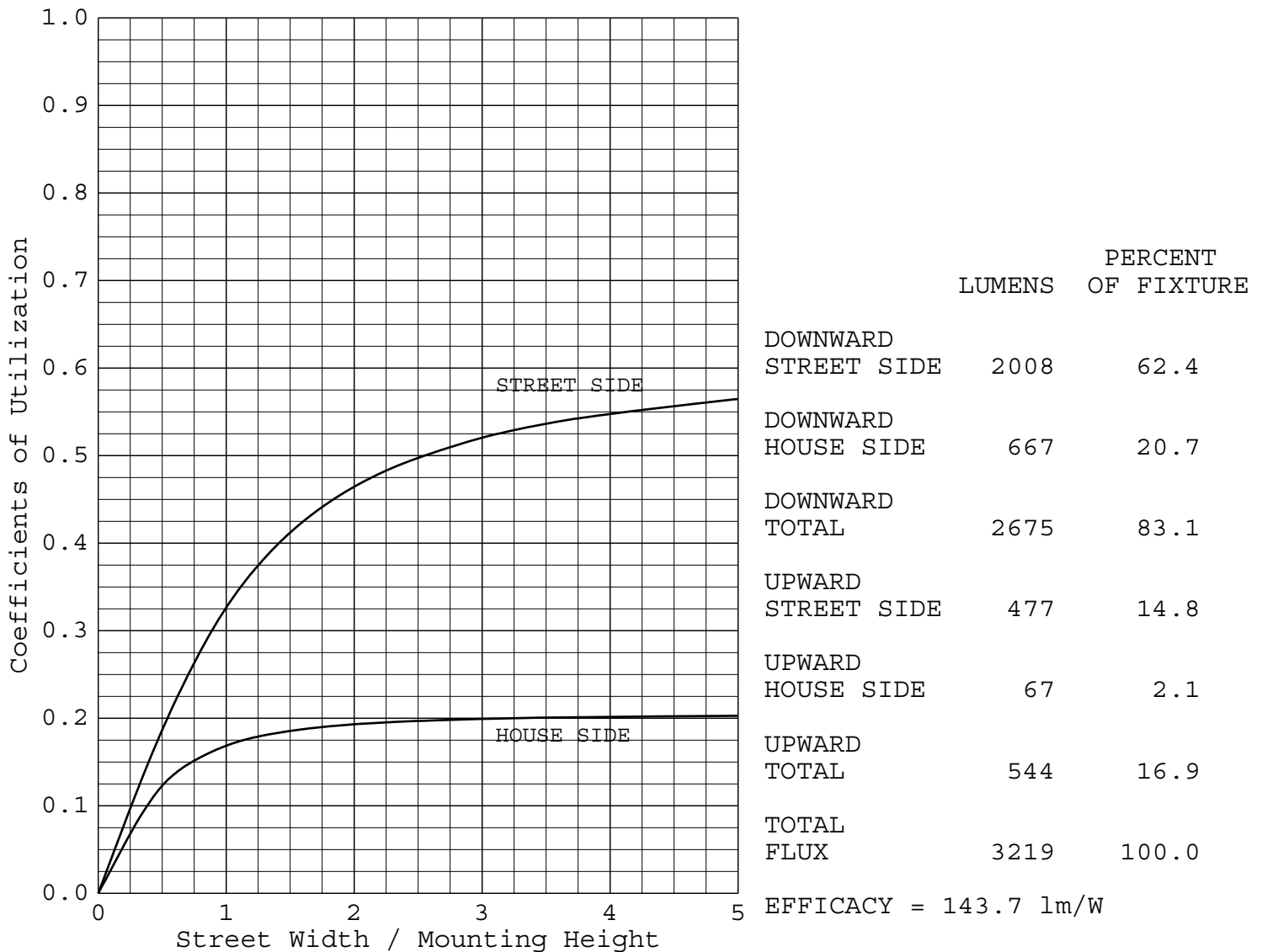
MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA



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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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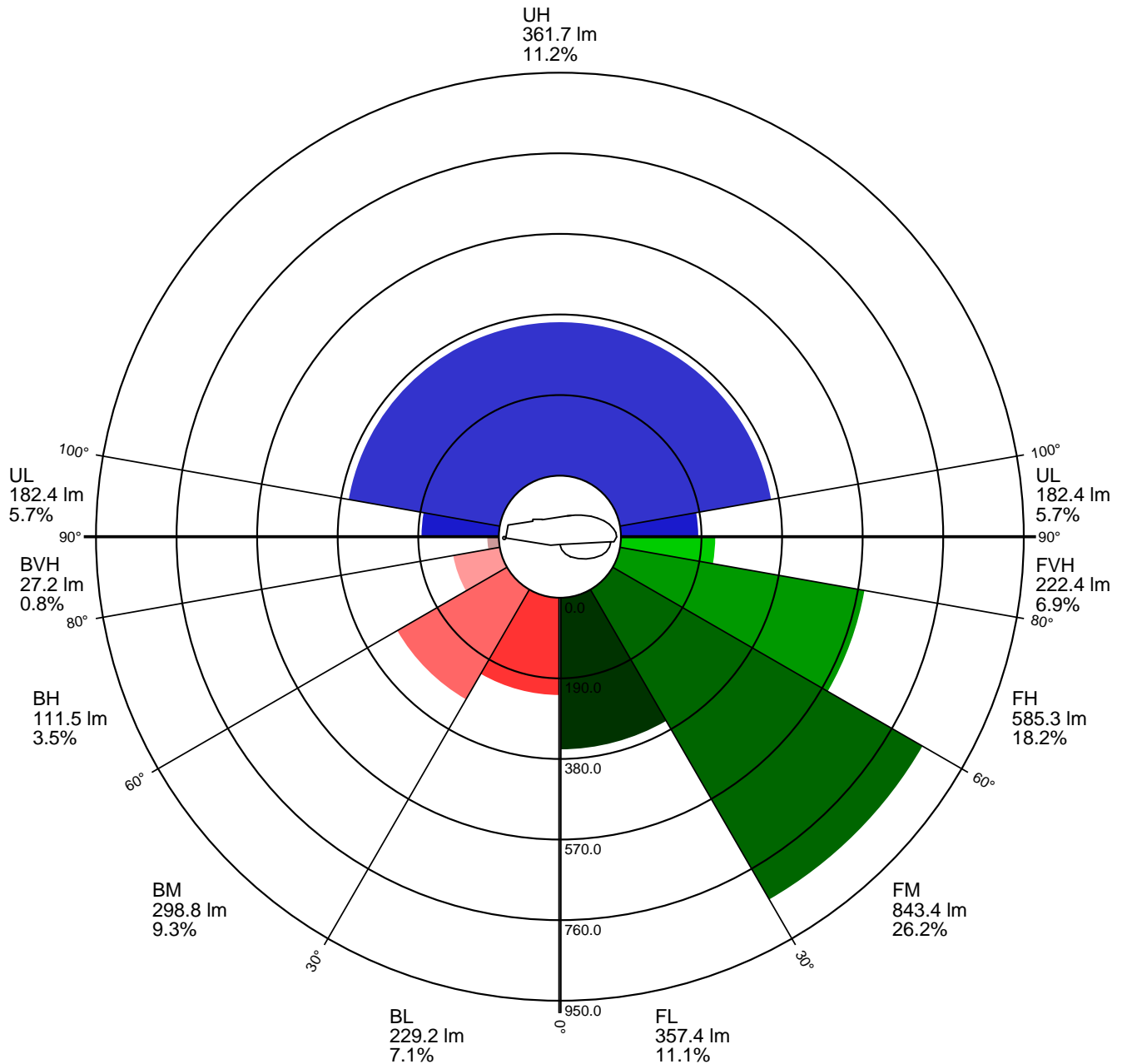
BUG Rating			B1 U3 G2		
Zonal Summary			Zone Ratings		
			B	U	G
Forward					
FL	(0° – 30°)	2008			
FM	(30° – 60°)	357.4			
FH	(60° – 80°)	843.4			
FVH	(80° – 90°)	585.3			G0
		222.4			G2
Backward					
BL	(0° – 30°)	667			
BM	(30° – 60°)	229.2	B1		
BH	(60° – 80°)	298.8	B1		
BVH	(80° – 90°)	111.5	B1		G1
		27.2			G1
Upward					
UL	(90° – 100°)	544			
UH	(100° – 180°)	182.4		U3	
		361.7		U3	
Trapped Light					
Total Flux					
		0			
		3219			
		100.0			

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## Zonal Lumen Summary

(Linear scale)

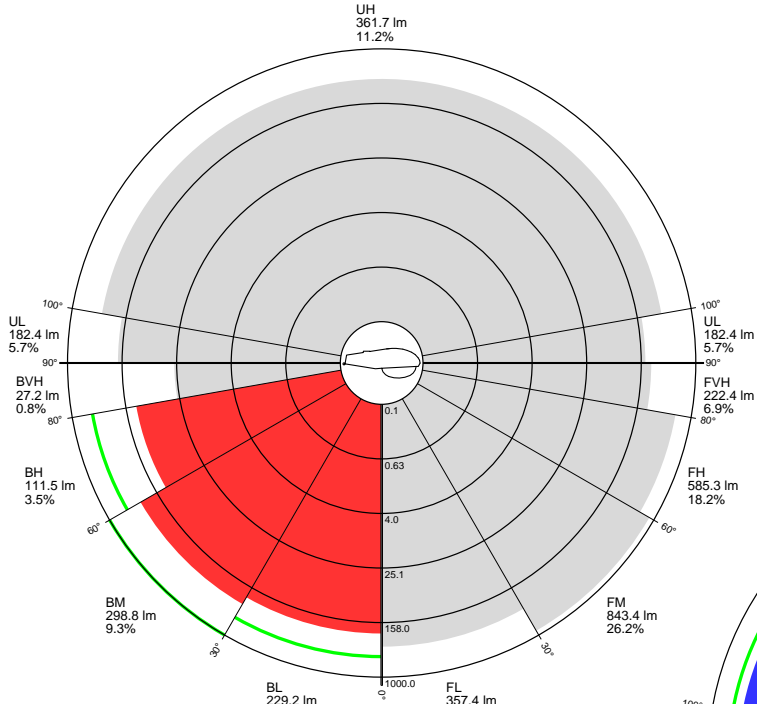


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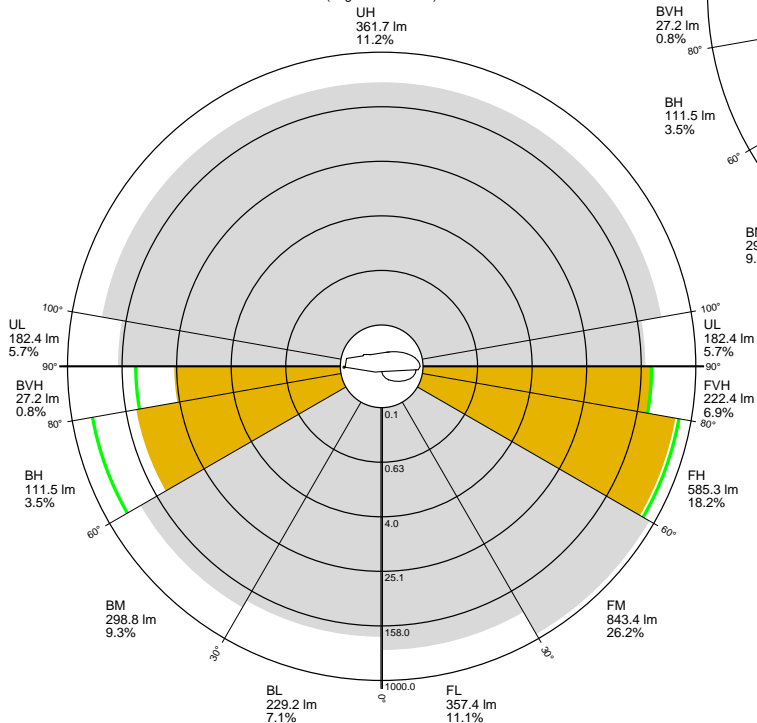
### Backlight Rating Details

(Logarithmic scale)



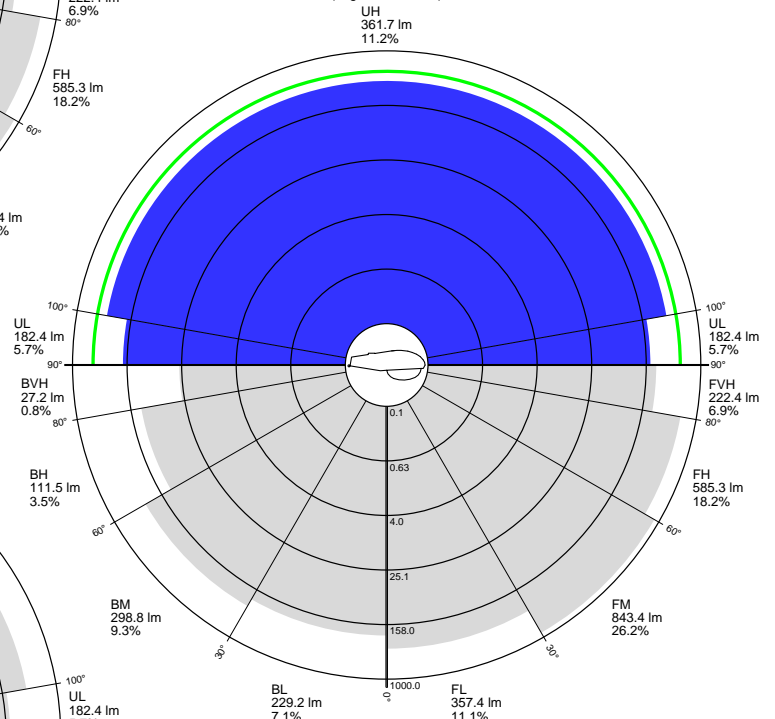
### Glare Rating Details

(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	1.	1.	1.	3.	3.	4.	4.	3.	3.	3.	3.
	165.0	28.	28.	28.	28.	27.	26.	24.	20.	15.	10.	7.
	155.0	54.	54.	54.	53.	52.	50.	47.	43.	36.	24.	14.
	145.0	83.	82.	82.	80.	78.	75.	70.	63.	55.	43.	30.
	135.0	118.	117.	117.	113.	109.	103.	94.	85.	73.	60.	47.
	125.0	161.	161.	160.	154.	146.	135.	123.	109.	92.	74.	57.
	115.0	227.	226.	225.	215.	200.	181.	162.	140.	118.	93.	70.
	105.0	330.	330.	329.	312.	285.	252.	218.	184.	152.	119.	88.
	95.0	472.	472.	469.	447.	403.	351.	296.	247.	201.	156.	115.
	92.5	511.	510.	509.	482.	437.	379.	321.	265.	216.	168.	123.
	90.0	555.	552.	552.	522.	475.	413.	348.	288.	234.	182.	133.
	87.5	596.	596.	593.	565.	512.	445.	375.	312.	256.	199.	148.
	85.0	639.	638.	636.	604.	551.	480.	404.	338.	278.	220.	164.
V	82.5	681.	678.	678.	644.	588.	512.	436.	364.	301.	240.	180.
E	80.0	721.	718.	717.	683.	625.	546.	464.	391.	325.	261.	198.
R	77.5	759.	758.	755.	721.	659.	580.	494.	418.	350.	283.	217.
T	75.0	795.	792.	791.	755.	693.	609.	521.	443.	373.	305.	237.
I	72.5	828.	825.	824.	787.	723.	637.	550.	467.	396.	325.	255.
C	70.0	861.	858.	857.	818.	753.	666.	575.	493.	421.	348.	276.
A	67.5	889.	887.	884.	847.	781.	692.	601.	516.	442.	370.	296.
L	65.0	913.	911.	909.	872.	803.	715.	623.	539.	464.	388.	313.
	62.5	932.	930.	928.	889.	823.	735.	642.	559.	483.	407.	331.
A	60.0	945.	944.	941.	904.	837.	750.	660.	576.	501.	425.	350.
N	57.5	955.	953.	950.	915.	848.	764.	677.	594.	519.	443.	368.
G	55.0	960.	959.	956.	921.	857.	776.	691.	611.	537.	460.	385.
L	52.5	962.	961.	958.	925.	864.	786.	705.	627.	554.	479.	405.
E	50.0	964.	962.	960.	928.	871.	798.	720.	645.	573.	498.	426.
	47.5	964.	962.	960.	930.	876.	808.	736.	664.	593.	519.	447.
	45.0	962.	961.	959.	932.	882.	819.	751.	682.	614.	542.	470.
	42.5	961.	960.	957.	933.	888.	830.	767.	701.	635.	564.	495.
	40.0	960.	959.	957.	935.	894.	842.	783.	720.	657.	588.	520.
	37.5	961.	960.	958.	938.	902.	856.	802.	742.	682.	614.	547.
	35.0	963.	962.	961.	943.	911.	869.	819.	764.	705.	640.	574.
	32.5	964.	963.	962.	946.	919.	880.	835.	783.	728.	665.	602.
	30.0<<	964.	963.	962.	949.	924.	890.	849.	801.	749.	688.	628.
	25.0	962.	962.	961.	950.	932.	905.	872.	830.	783.	730.	674.
	20.0	956.	956.	955.	947.	933.	912.	884.	850.	810.	764.	717.
	15.0	938.	939.	937.	932.	921.	904.	882.	856.	823.	789.	751.
	10.0	899.	900.	898.	896.	888.	877.	861.	842.	820.	797.	771.
	5.0	837.	839.	837.	837.	832.	828.	820.	811.	801.	790.	776.
	0.0	773.	773.	773.	773.	773.	773.	773.	773.	773.	773.	773.

||  
PLANE OF MAXIMUM CANDELA

CONE OF MAXIMUM CANDELA



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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	3.	3.	2.	2.	2.	2.	1.	1.	1.	1.	1.
165.0	5.	5.	4.	5.	4.	4.	2.	2.	1.	1.	1.
155.0	9.	8.	12.	13.	11.	7.	4.	3.	2.	1.	1.
145.0	24.	22.	19.	17.	16.	11.	6.	3.	2.	1.	2.
135.0	42.	40.	34.	26.	21.	14.	7.	4.	2.	2.	2.
125.0	51.	48.	42.	34.	25.	16.	8.	4.	2.	2.	2.
115.0	61.	57.	49.	40.	29.	19.	10.	4.	3.	2.	2.
105.0	75.	70.	58.	47.	35.	22.	11.	5.	4.	3.	3.
95.0	98.	88.	71.	55.	40.	25.	13.	6.	5.	5.	5.
92.5	104.	93.	74.	57.	42.	26.	14.	7.	6.	5.	5.
90.0	112.	100.	79.	60.	44.	28.	15.	8.	6.	6.	6.
87.5	124.	112.	86.	65.	47.	30.	16.	8.	7.	6.	6.
85.0	139.	124.	97.	73.	53.	36.	20.	12.	10.	10.	9.
V 82.5	154.	138.	108.	82.	61.	42.	26.	17.	16.	15.	15.
E 80.0	170.	153.	120.	92.	69.	50.	33.	24.	22.	21.	21.
R 77.5	187.	168.	133.	104.	78.	58.	41.	31.	28.	27.	27.
T 75.0	204.	184.	147.	115.	88.	67.	49.	40.	37.	35.	35.
I 72.5	224.	201.	162.	128.	100.	76.	58.	48.	45.	44.	44.
C 70.0	242.	218.	177.	141.	112.	87.	68.	58.	55.	53.	53.
A 67.5	260.	236.	192.	155.	125.	100.	79.	67.	64.	62.	62.
L 65.0	278.	254.	208.	168.	138.	111.	90.	77.	74.	72.	72.
62.5	296.	270.	225.	184.	151.	123.	103.	90.	85.	83.	83.
A 60.0	314.	288.	241.	198.	165.	137.	115.	101.	97.	94.	94.
N 57.5	332.	306.	257.	214.	180.	151.	128.	114.	109.	106.	107.
G 55.0	351.	322.	274.	232.	195.	165.	142.	127.	122.	119.	119.
L 52.5	369.	342.	295.	250.	212.	181.	157.	142.	136.	132.	133.
E 50.0	389.	363.	314.	268.	231.	197.	173.	157.	151.	147.	147.
47.5	412.	383.	335.	290.	251.	216.	191.	174.	168.	163.	164.
45.0	435.	406.	358.	311.	270.	236.	210.	192.	185.	180.	180.
42.5	459.	431.	382.	335.	293.	257.	231.	212.	204.	198.	198.
40.0	486.	455.	407.	360.	316.	280.	253.	234.	225.	219.	219.
37.5	513.	484.	434.	386.	342.	306.	277.	257.	248.	242.	243.
35.0	541.	512.	463.	415.	371.	333.	304.	283.	274.	267.	267.
32.5	568.	540.	491.	443.	399.	361.	332.	310.	301.	294.	295.
30.0<<	596.	567.	519.	472.	429.	391.	362.	340.	330.	322.	324.
25.0	646.	621.	574.	531.	491.	454.	428.	405.	395.	388.	389.
20.0	694.	671.	630.	592.	556.	525.	499.	479.	470.	463.	465.
15.0	732.	714.	680.	649.	622.	596.	576.	559.	550.	546.	548.
10.0	759.	746.	722.	700.	681.	665.	650.	640.	633.	629.	630.
5.0	771.	764.	753.	741.	732.	722.	716.	709.	706.	703.	703.
0.0	773.	773.	773.	773.	773.	773.	773.	773.	773.	773.	773.

CONE OF MAXIMUM CANDELA

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### 5-DEGREE ZONAL LUMEN SUMMARY

0- 5	18
5- 10	55
10- 15	89
15- 20	119
20- 25	143
25- 30	162
30- 35	176
35- 40	186
40- 45	192
45- 50	195
50- 55	197
55- 60	196
60- 65	192
65- 70	183
70- 75	169
75- 80	153
80- 85	134
85- 90	115
90- 95	98
95-100	84
100-105	71
105-110	59
110-115	49
115-120	41
120-125	34
125-130	28
130-135	23
135-140	18
140-145	14
145-150	10
150-155	7
155-160	4
160-165	2
165-170	1
170-175	0
175-180	0

### 10-DEGREE ZONAL LUMEN SUMMARY

0- 10	73
0- 20	281
0- 30	587
0- 40	949
0- 50	1336
0- 60	1729
0- 70	2104
0- 80	2426
0- 90	2675
0-100	2858
0-110	2987
0-120	3077
0-130	3139
0-140	3180
0-150	3204
0-160	3215
0-170	3219
0-180	3219