

REPORT NUMBER: PRORATED FROM RAB04486

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ISSUE DATE: 09/21/18

PREPARED FOR: RAB LIGHTING INC. RC LIGHTING

CATALOG NUMBER: BRISKM32L-740

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 = 22.7 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



THIS REPORT WITH THE USE OF THE NVLAP LOGO SHALL NOT BE USED BY THE CLIENT TO CLAIM PRODUCT CERTIFICATION, APPROVAL, OR ENDORSEMENT BY NVLAP, NIST, OR ANY AGENCY OF THE FEDERAL GOVERNMENT.

Checked X.CAO

Approved D.WANG-MUNSON

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ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

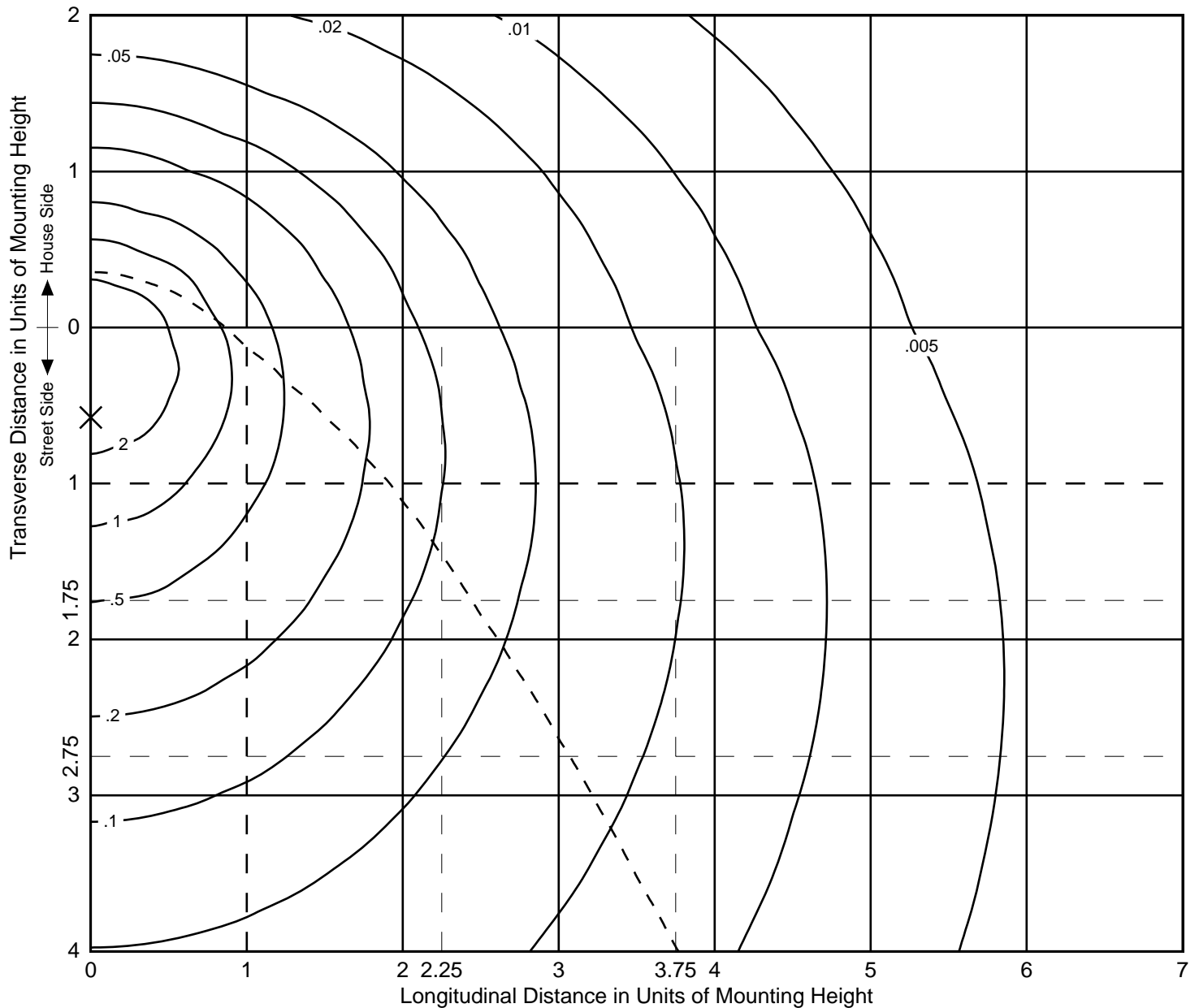
Values based on 15-foot mounting height

IES Classification: (does not classify)

Cutoff Classification (deprecated): Noncutoff

— — — — — 1/2 Maximum Candela trace

× Maximum Candela point



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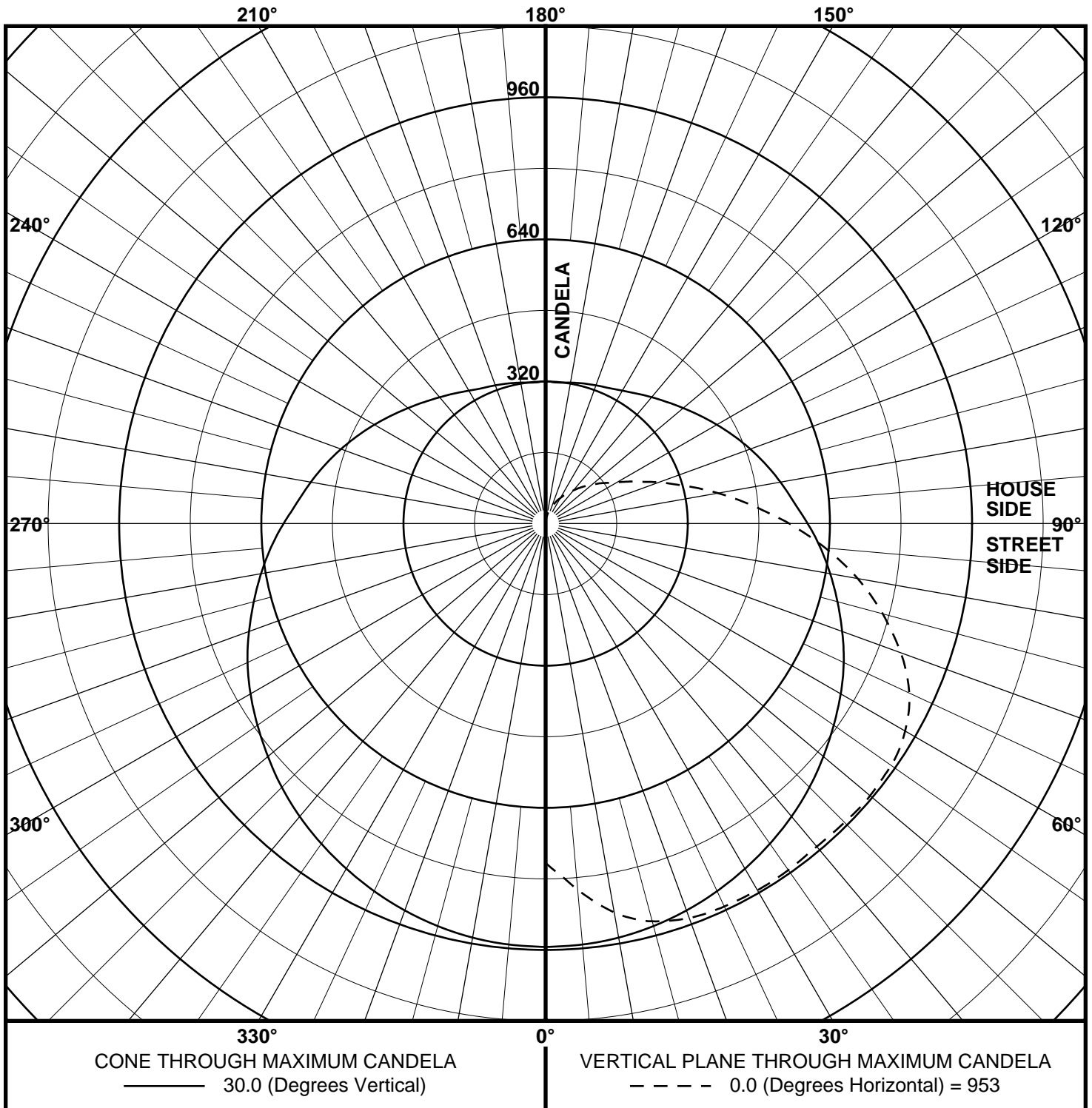
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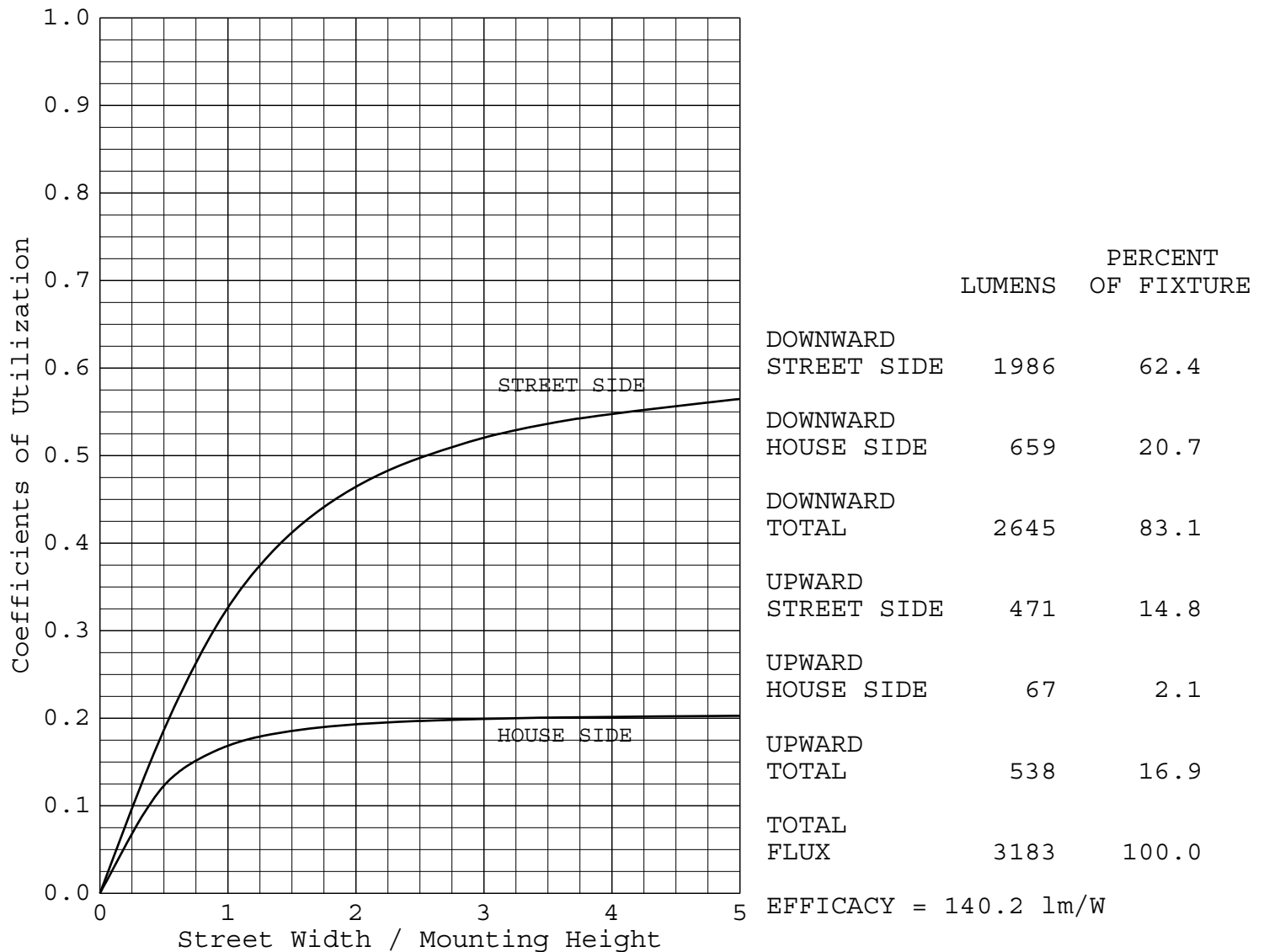
MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA



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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°)	1986			
FM	(30° – 60°)	353.4			
FH	(60° – 80°)	833.9			
FVH	(80° – 90°)	578.7			G0
		219.9			G2
Backward					
BL	(0° – 30°)	659			
BM	(30° – 60°)	226.7	B1		
BH	(60° – 80°)	295.4	B1		
BVH	(80° – 90°)	110.3	B1		G1
		26.9			G1
Upward					
UL	(90° – 100°)	538		U3	
UH	(100° – 180°)	180.3		U3	
Trapped Light					
Total Flux					
		0			
		3183			
		100.0			

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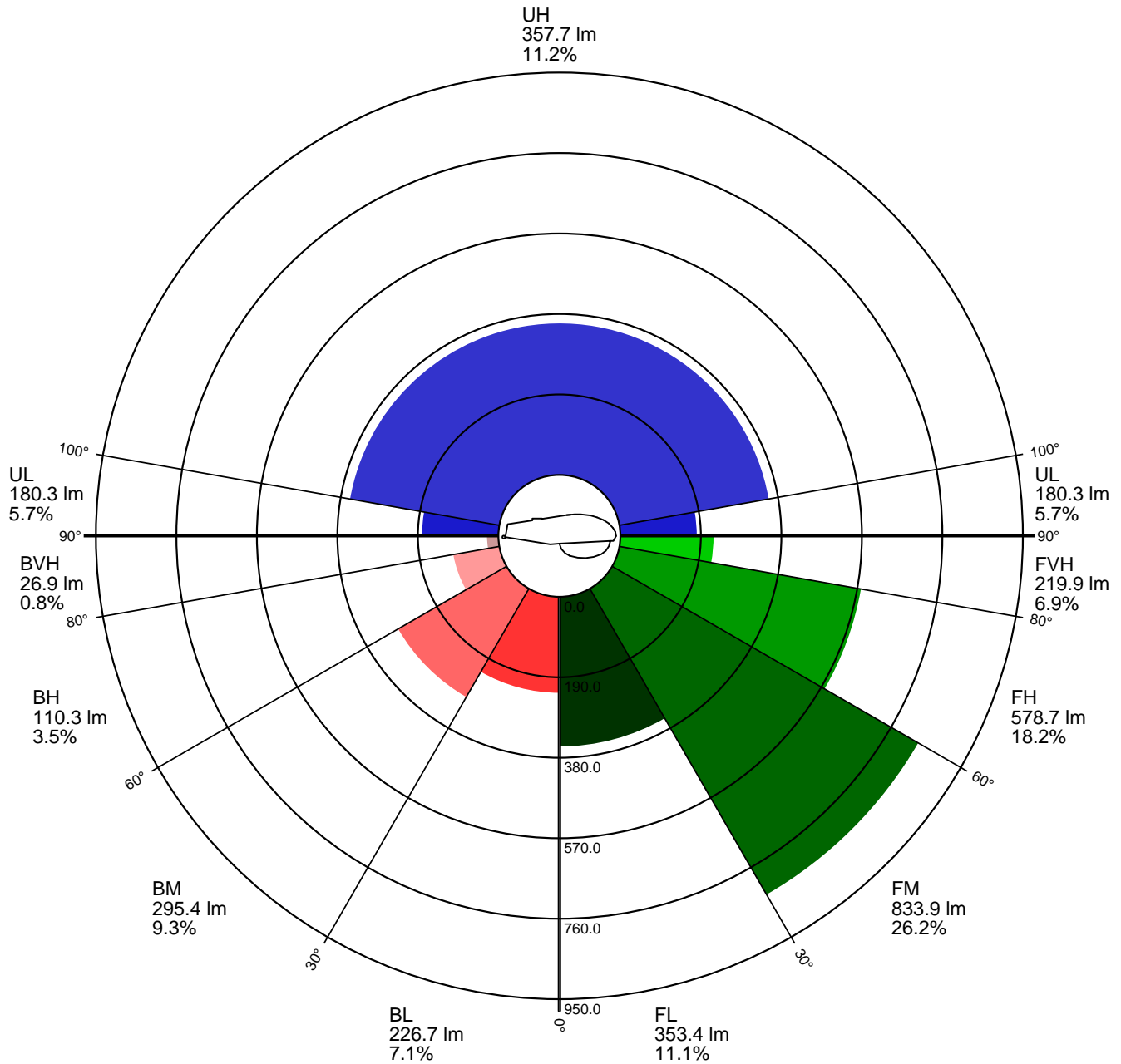
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Zonal Lumen Summary

(Linear scale)

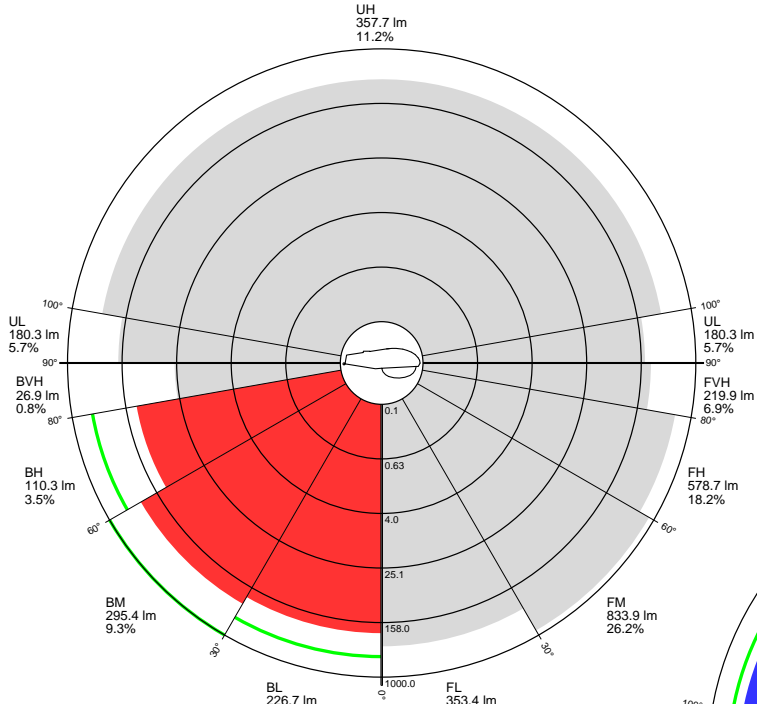


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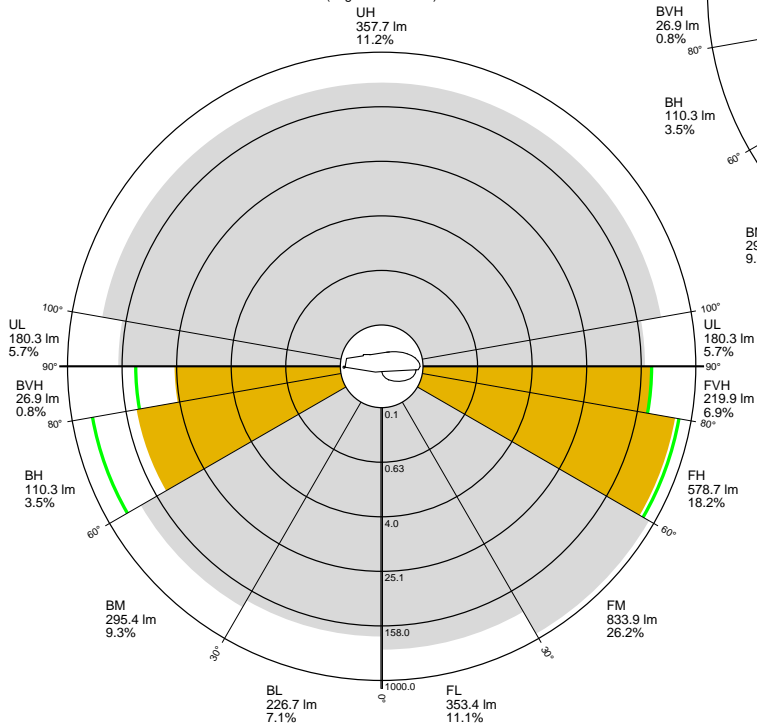
Backlight Rating Details

(Logarithmic scale)



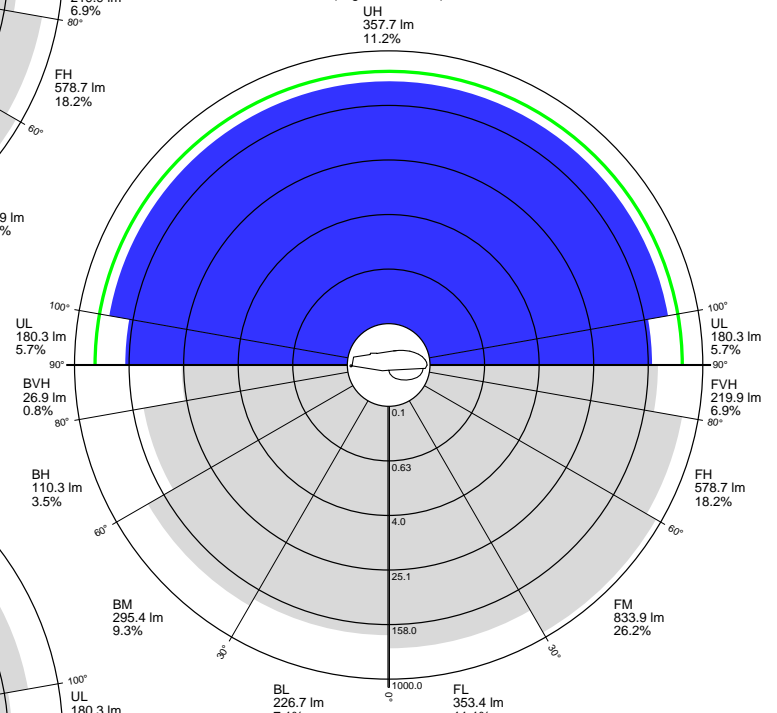
Glare Rating Details

(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	53.	53.	53.	52.	51.	49.	46.	42.	35.	24.	14.
	145.0	82.	81.	81.	79.	77.	74.	69.	62.	54.	42.	30.
	135.0	117.	116.	116.	112.	108.	101.	93.	84.	72.	59.	46.
	125.0	159.	159.	158.	153.	145.	134.	122.	108.	91.	73.	56.
	115.0	224.	223.	222.	213.	198.	179.	160.	139.	117.	92.	69.
	105.0	327.	327.	326.	308.	281.	249.	216.	182.	151.	118.	87.
	95.0	467.	467.	464.	442.	399.	347.	292.	244.	199.	155.	114.
	92.5	505.	504.	503.	476.	432.	375.	317.	262.	214.	166.	122.
	90.0	549.	546.	546.	516.	469.	408.	344.	284.	231.	180.	132.
	87.5	590.	590.	587.	559.	506.	440.	371.	308.	253.	197.	147.
	85.0	632.	631.	629.	597.	545.	474.	400.	335.	275.	218.	162.
V	82.5	673.	670.	670.	637.	582.	506.	431.	360.	297.	237.	178.
E	80.0	713.	710.	709.	675.	618.	540.	459.	387.	322.	258.	196.
R	77.5	751.	750.	747.	713.	652.	574.	488.	413.	346.	280.	215.
T	75.0	786.	783.	782.	747.	685.	602.	515.	438.	369.	301.	234.
I	72.5	819.	816.	815.	779.	715.	630.	544.	462.	392.	322.	252.
C	70.0	851.	848.	847.	809.	745.	658.	569.	487.	416.	344.	273.
A	67.5	879.	877.	874.	838.	773.	684.	594.	510.	437.	366.	292.
L	65.0	903.	901.	899.	862.	794.	707.	616.	533.	459.	384.	309.
	62.5	921.	919.	917.	879.	814.	726.	635.	553.	477.	403.	328.
A	60.0	934.	933.	930.	894.	828.	741.	653.	570.	495.	420.	346.
N	57.5	944.	942.	939.	904.	839.	756.	669.	588.	513.	438.	364.
G	55.0	949.	948.	945.	910.	847.	768.	683.	604.	531.	455.	381.
L	52.5	951.	950.	947.	914.	854.	778.	697.	620.	548.	473.	401.
E	50.0	953.	951.	949.	917.	861.	789.	712.	638.	567.	492.	421.
	47.5	953.	951.	949.	919.	866.	799.	727.	656.	587.	513.	442.
	45.0	951.	950.	948.	921.	872.	810.	742.	674.	607.	536.	465.
	42.5	950.	949.	946.	922.	878.	821.	759.	693.	628.	558.	489.
	40.0	949.	948.	946.	924.	884.	833.	775.	712.	650.	582.	514.
	37.5	950.	949.	947.	927.	892.	846.	793.	733.	674.	607.	541.
	35.0	952.	951.	950.	932.	901.	859.	810.	756.	697.	633.	568.
	32.5	953.	952.	951.	935.	908.	870.	826.	775.	719.	657.	595.
	30.0<<	953.	952.	951.	938.	913.	880.	840.	792.	740.	680.	621.
	25.0	951.	951.	950.	939.	921.	895.	862.	821.	775.	721.	666.
	20.0	945.	945.	944.	936.	922.	902.	874.	841.	801.	756.	709.
	15.0	927.	928.	926.	921.	910.	894.	872.	846.	814.	780.	742.
	10.0	889.	890.	888.	886.	878.	867.	851.	833.	811.	788.	763.
	5.0	828.	830.	828.	828.	823.	819.	811.	802.	792.	781.	768.
	0.0	765.	765.	765.	765.	765.	765.	765.	765.	765.	765.	765.

||
PLANE OF MAXIMUM CANDELA

CONE OF MAXIMUM CANDELA

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CANDELA TABULATION

	LATERAL ANGLE										
	HOUSE SIDE	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.
	175.0	3.	3.	2.	2.	2.	2.	1.	1.	1.	1.
	165.0	5.	5.	4.	5.	4.	4.	2.	2.	1.	1.
	155.0	9.	8.	12.	13.	11.	7.	4.	3.	2.	1.
	145.0	24.	22.	19.	17.	16.	11.	6.	3.	2.	1.
	135.0	41.	39.	33.	26.	21.	14.	7.	4.	2.	2.
	125.0	50.	47.	41.	33.	25.	16.	8.	4.	2.	2.
	115.0	60.	56.	48.	39.	29.	19.	10.	4.	3.	2.
	105.0	74.	69.	57.	46.	34.	22.	11.	5.	4.	3.
	95.0	96.	87.	70.	54.	39.	25.	13.	6.	5.	5.
	92.5	102.	92.	73.	56.	41.	26.	14.	7.	6.	5.
	90.0	111.	98.	78.	59.	43.	28.	15.	8.	6.	6.
	87.5	123.	111.	85.	64.	46.	30.	16.	8.	7.	6.
	85.0	138.	123.	95.	72.	52.	35.	20.	12.	10.	10.
V	82.5	153.	137.	107.	81.	60.	41.	26.	17.	16.	15.
E	80.0	168.	152.	119.	91.	68.	49.	32.	24.	22.	21.
R	77.5	185.	166.	132.	102.	77.	57.	40.	31.	28.	27.
T	75.0	202.	182.	146.	114.	87.	66.	48.	39.	36.	34.
I	72.5	221.	199.	160.	127.	98.	75.	57.	47.	44.	43.
C	70.0	239.	216.	175.	140.	111.	86.	67.	57.	54.	52.
A	67.5	257.	233.	190.	154.	124.	98.	78.	66.	63.	61.
L	65.0	275.	251.	206.	166.	137.	110.	89.	76.	73.	71.
	62.5	292.	267.	222.	182.	150.	122.	101.	89.	84.	82.
A	60.0	310.	284.	238.	196.	163.	136.	114.	99.	95.	93.
N	57.5	329.	302.	254.	212.	178.	150.	127.	113.	108.	104.
G	55.0	347.	319.	271.	229.	193.	163.	141.	126.	121.	118.
L	52.5	365.	339.	291.	247.	210.	179.	156.	141.	135.	131.
E	50.0	385.	359.	310.	265.	228.	195.	171.	156.	150.	146.
	47.5	407.	379.	332.	286.	248.	214.	189.	172.	166.	161.
	45.0	430.	402.	354.	307.	267.	233.	208.	190.	183.	178.
	42.5	454.	426.	378.	332.	289.	254.	228.	210.	202.	196.
	40.0	480.	450.	403.	356.	312.	277.	250.	231.	222.	217.
	37.5	507.	478.	429.	382.	339.	302.	274.	254.	245.	239.
	35.0	535.	506.	458.	410.	367.	330.	300.	280.	271.	264.
	32.5	562.	534.	485.	438.	395.	357.	329.	306.	297.	290.
	30.0<<	590.	561.	513.	467.	424.	387.	358.	337.	327.	319.
	25.0	639.	614.	568.	525.	485.	449.	423.	401.	391.	384.
	20.0	686.	663.	623.	586.	550.	519.	493.	473.	465.	458.
	15.0	723.	706.	672.	642.	615.	590.	570.	553.	544.	540.
	10.0	751.	737.	714.	692.	673.	657.	643.	633.	626.	622.
	5.0	763.	756.	745.	732.	723.	714.	708.	701.	698.	695.
	0.0	765.	765.	765.	765.	765.	765.	765.	765.	765.	765.

CONE OF MAXIMUM CANDELA

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5-DEGREE ZONAL LUMEN SUMMARY

0- 5	18
5- 10	54
10- 15	88
15- 20	117
20- 25	142
25- 30	160
30- 35	174
35- 40	184
40- 45	189
45- 50	193
50- 55	195
55- 60	194
60- 65	190
65- 70	181
70- 75	167
75- 80	151
80- 85	133
85- 90	114
90- 95	97
95-100	83
100-105	70
105-110	58
110-115	49
115-120	40
120-125	33
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	278
0- 30	580
0- 40	938
0- 50	1321
0- 60	1709
0- 70	2080
0- 80	2398
0- 90	2645
0-100	2826
0-110	2954
0-120	3043
0-130	3104
0-140	3145
0-150	3168
0-160	3179
0-170	3183
0-180	3183