

REPORT NUMBER: PRORATED FROM RAB04695

PAGE: 1 OF 10

ISSUE DATE: 12/18/18

PREPARED FOR: RAB LIGHTING INC.

CATALOG NUMBER: W34-35L-480

LUMINAIRE: WALLPACK WITH ALUMINUM PRECISION DIE CAST CONSTRUCTION, CLEAR GLASS LENS AND SPECULAR ALUMINUM REFLECTOR.

LAMPS: SEVENTY WHITE LIGHT EMITTING DIODES (LEDs)

ABSOLUTE: NOTE: THIS REPORT WAS PRORATED FROM RAB04695 WHICH WAS W34-35L-830-480. ACTUAL PERFORMANCE MAY VARY.

WATT: TOTAL INPUT WATTS = 33.1 W AT 120.0 VAC.

LED DRIVER: LED DRIVER: RDD-LT40-A0700-60PF

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



Checked X.CAO

Approved D.WANG-MUNSON

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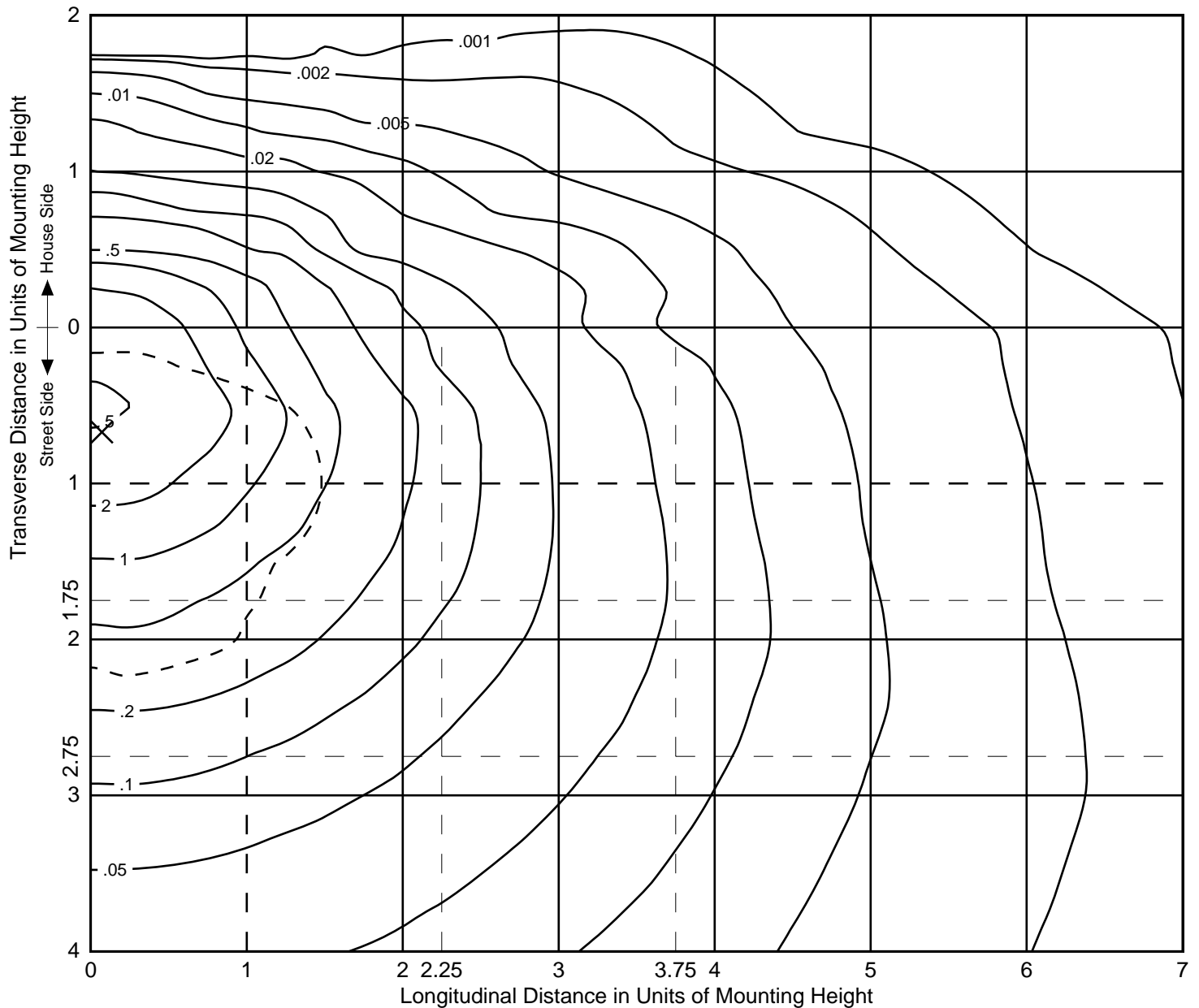
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION
Values based on 16-foot mounting height

IES Classification: (does not classify)

Cutoff Classification (deprecated): Semicutoff

— — — — — 1/2 Maximum Candela trace

× Maximum Candela point



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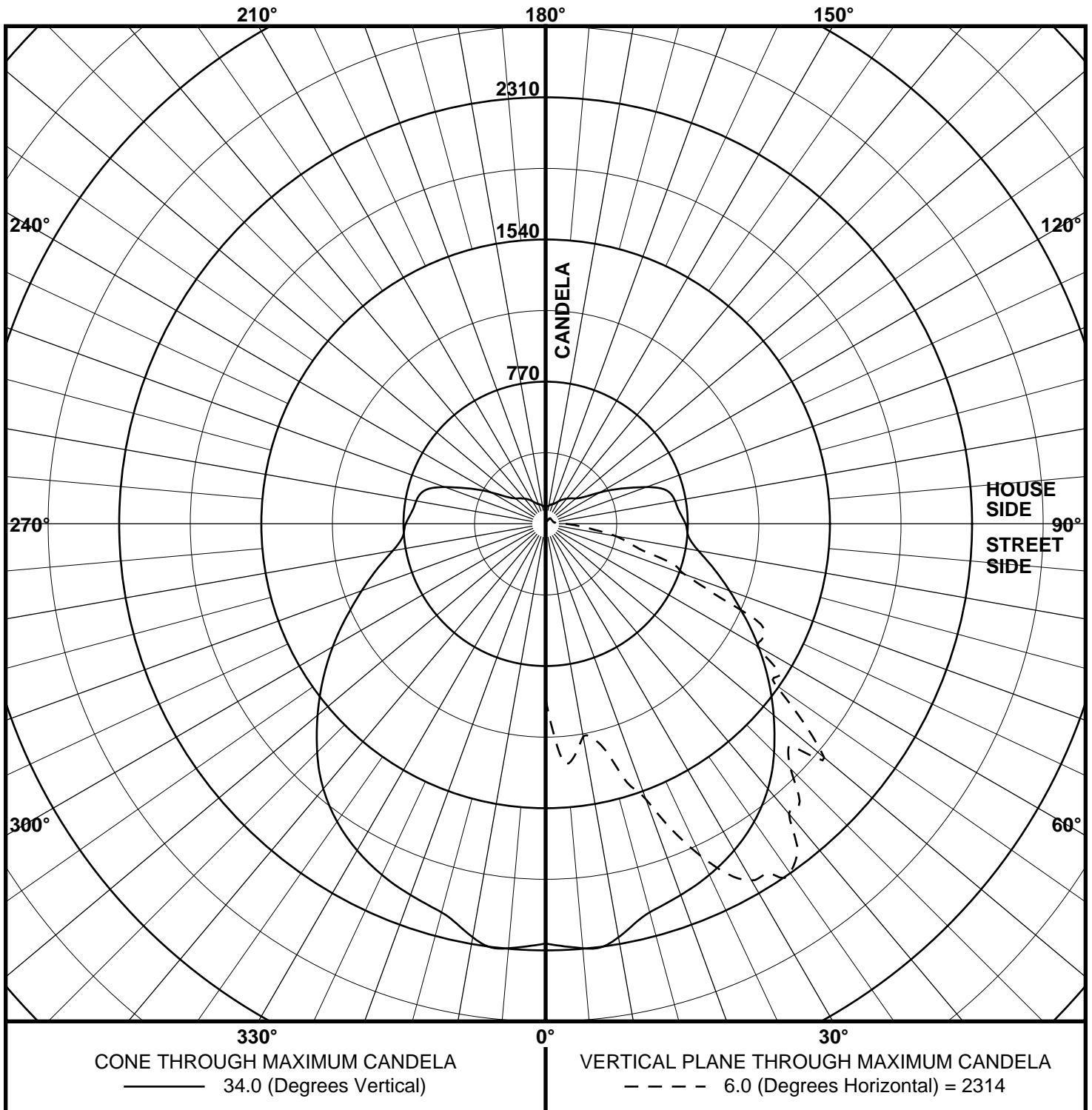
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MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA



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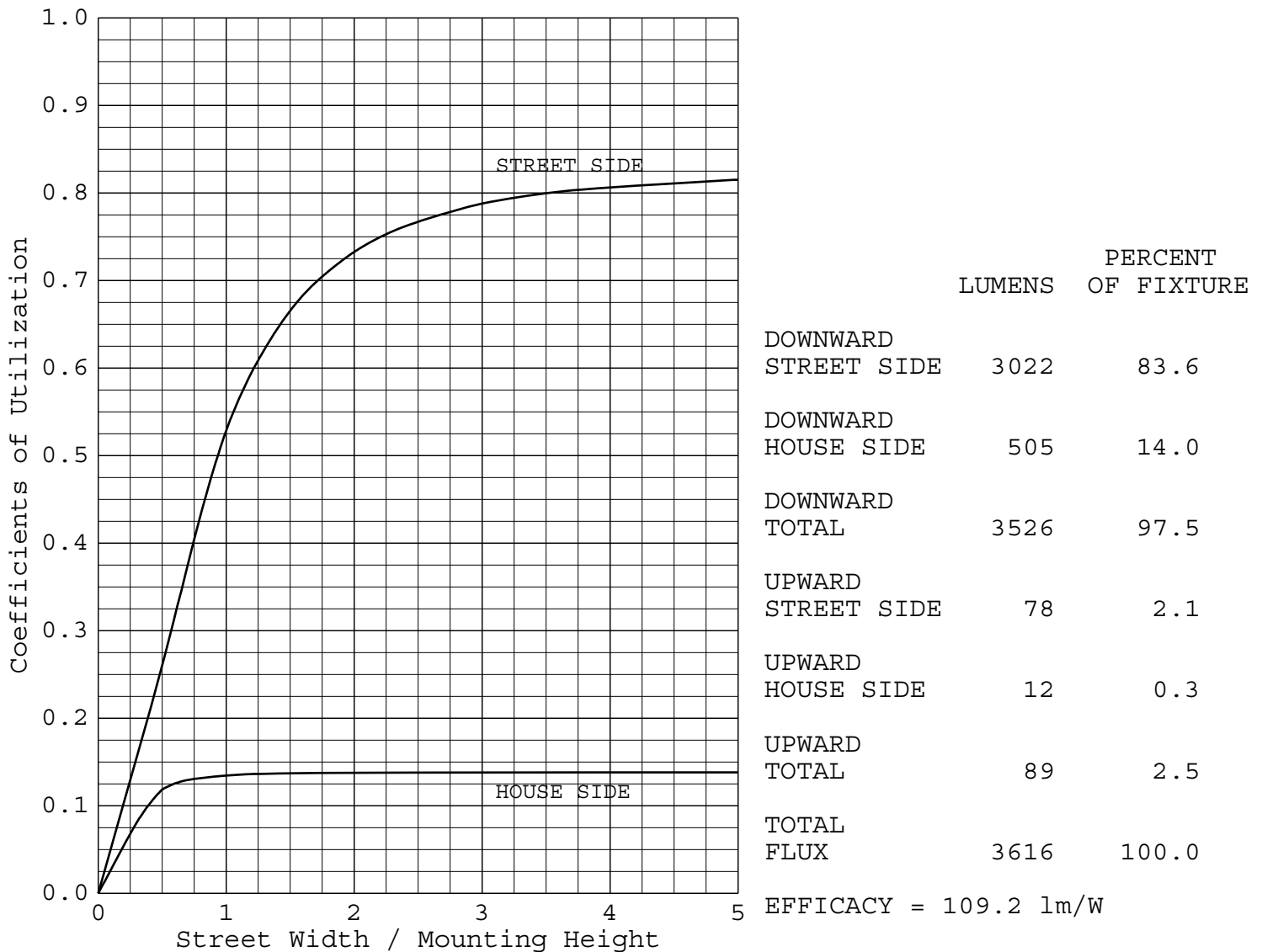
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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



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</div> <div>U3</div> <div>G1</div>		
Zonal Summary			Zone Ratings		
			B	U	G
Forward					
FL	(0° – 30°)	3022			
FM	(30° – 60°)	551.4			
FH	(60° – 80°)	1674.0			
FVH	(80° – 90°)	708.1			
		88.1			
		2.4			
Backward					
BL	(0° – 30°)	505			
BM	(30° – 60°)	14.0			
BH	(60° – 80°)	240.8			
BVH	(80° – 90°)	221.6			
		38.2			
		4.1			
Upward					
UL	(90° – 100°)	89			
UH	(100° – 180°)	28.3			
		61.2			
Trapped Light					
Total Flux					

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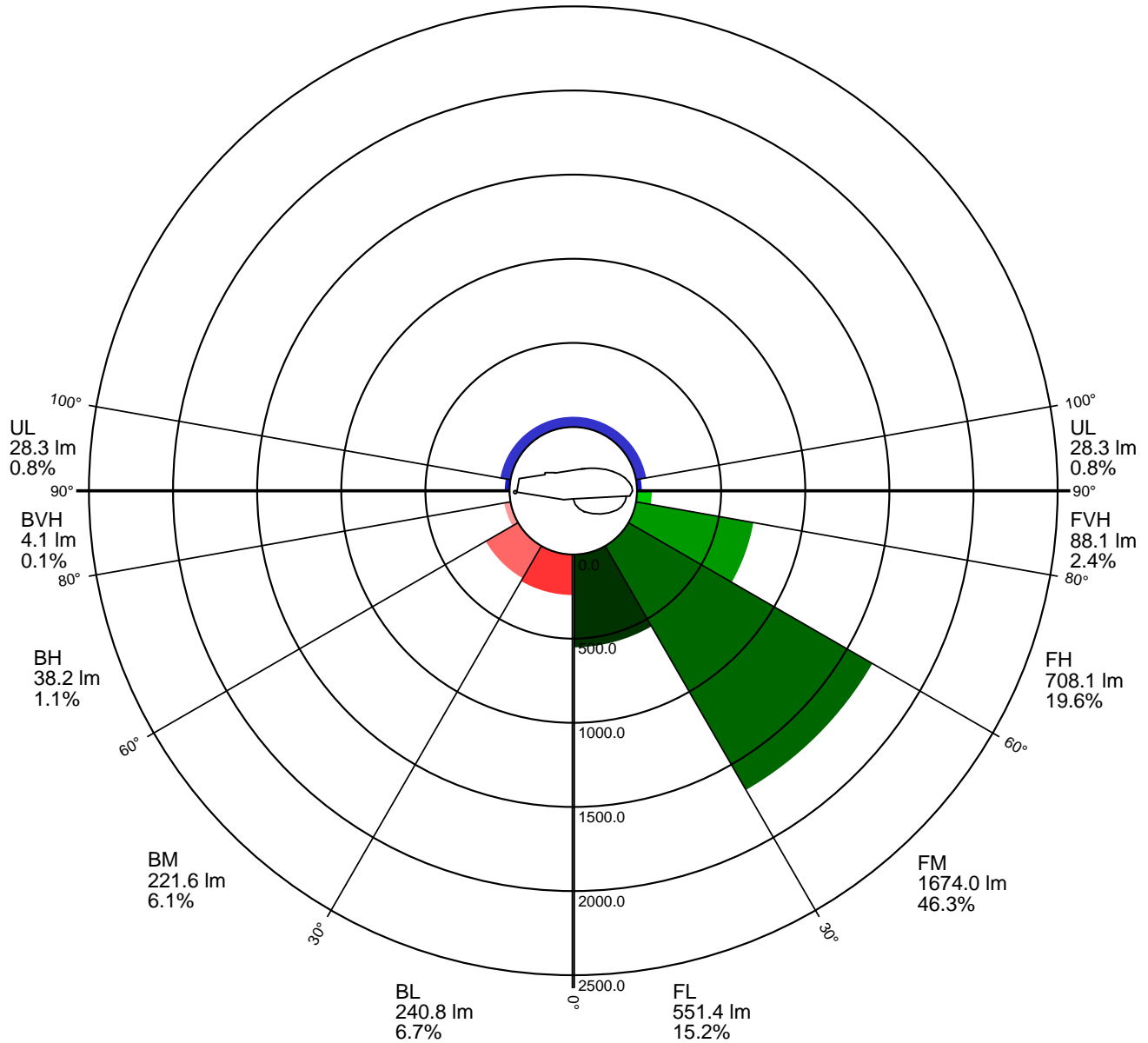
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Zonal Lumen Summary

(Linear scale)

UH
61.2 lm
1.7%



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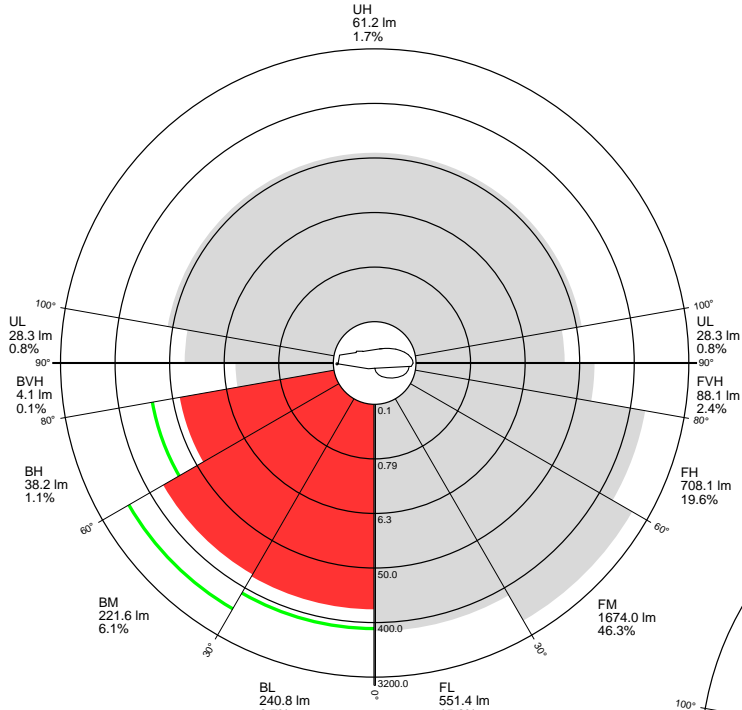
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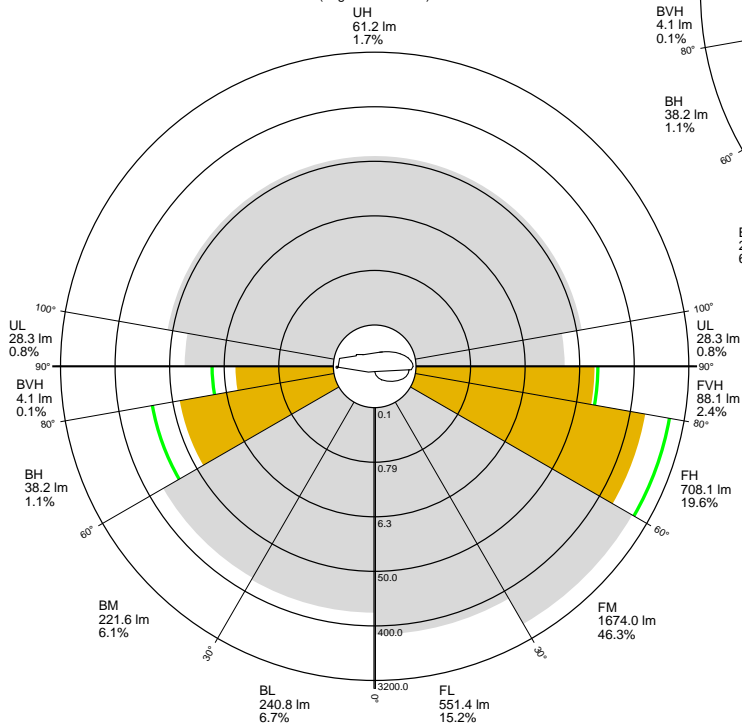
Backlight Rating Details

(Logarithmic scale)



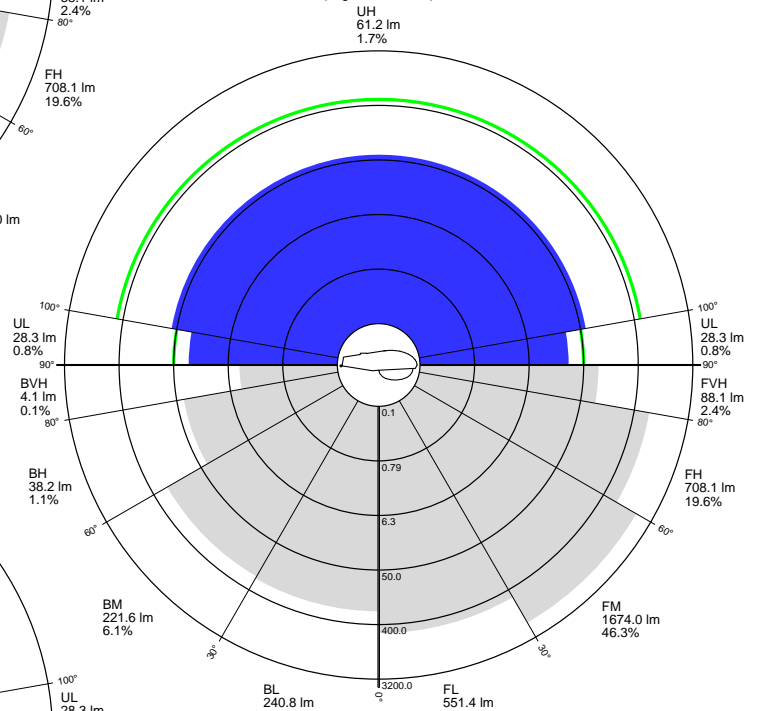
Glare Rating Details

(Logarithmic scale)



Uplight Rating Details

(Logarithmic scale)



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CANDELA TABULATION

	STREET SIDE		LATERAL ANGLE								
	0.0	5.0	6.0	15.0	25.0	35.0	45.0	55.0	65.0	75.0	85.0
	180.0	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	175.0	1.	1.	1.	1.	1.	2.	2.	3.	3.	3.
	165.0	3.	3.	3.	3.	2.	2.	2.	3.	3.	3.
	155.0	11.	11.	11.	11.	9.	7.	6.	4.	3.	3.
	145.0	31.	30.	31.	29.	23.	18.	12.	8.	6.	5.
	135.0	44.	44.	44.	41.	35.	28.	18.	12.	8.	5.
	125.0	43.	42.	42.	39.	34.	27.	20.	15.	10.	8.
	115.0	43.	43.	43.	39.	33.	26.	21.	18.	15.	11.
	105.0	43.	43.	42.	40.	33.	27.	22.	21.	18.	13.
	95.0	59.	59.	59.	56.	53.	48.	43.	43.	35.	22.
	90.0	107.	108.	108.	105.	99.	89.	88.	78.	58.	36.
	87.5	149.	152.	152.	150.	141.	133.	117.	106.	82.	53.
	85.0	209.	208.	209.	204.	197.	180.	164.	139.	118.	81.
	82.5	284.	290.	287.	294.	290.	254.	233.	192.	167.	109.
V	80.0	386.	391.	387.	379.	352.	314.	302.	271.	240.	154.
E	77.5	453.	455.	452.	432.	426.	409.	406.	379.	327.	221.
R	75.0	528.	525.	525.	520.	540.	558.	516.	510.	422.	292.
T	72.5	708.	719.	722.	723.	685.	666.	660.	640.	524.	384.
I	70.0	780.	794.	801.	795.	809.	832.	810.	770.	635.	497.
C	67.5	933.	962.	983.	1011.	1035.	1021.	939.	869.	737.	600.
A	65.0	1245.	1270.	1287.	1280.	1194.	1118.	1003.	1011.	828.	693.
L	62.5	1276.	1316.	1329.	1275.	1223.	1159.	1146.	1105.	925.	747.
	60.0	1239.	1307.	1324.	1317.	1263.	1238.	1296.	1206.	1043.	793.
A	57.5	1407.	1485.	1501.	1417.	1350.	1482.	1370.	1284.	1161.	822.
N	55.0	1438.	1502.	1518.	1508.	1608.	1573.	1409.	1356.	1256.	870.
G	52.5	1610.	1743.	1753.	1794.	1762.	1571.	1502.	1427.	1319.	887.
L	50.0	1856.	1953.	1970.	1782.	1711.	1614.	1603.	1537.	1326.	880.
E	47.5	1729.	1784.	1786.	1703.	1793.	1745.	1664.	1605.	1352.	874.
	45.0	1794.	1863.	1877.	1823.	1921.	1799.	1758.	1640.	1362.	894.
	42.5	1934.	2033.	2038.	1925.	2018.	1949.	1808.	1641.	1319.	909.
	40.0	1978.	2049.	2051.	1988.	2109.	2071.	1818.	1594.	1287.	914.
	37.5	2172.	2233.	2242.	2138.	2191.	2044.	1821.	1524.	1211.	940.
	35.0	2281.	2307.	2307.	2202.	2138.	2001.	1776.	1457.	1211.	967.
	34.0<<	2274.	2307.	2314.	2179.	2098.	1970.	1750.	1473.	1189.	945.
	32.5	2193.	2248.	2245.	2177.	2077.	1947.	1724.	1411.	1180.	933.
	30.0	2199.	2215.	2231.	2123.	2010.	1839.	1651.	1375.	1182.	957.
	25.0	1969.	1971.	1984.	1889.	1724.	1619.	1464.	1267.	1088.	1006.
	20.0	1610.	1570.	1586.	1507.	1484.	1315.	1306.	1212.	1105.	1073.
	15.0	1287.	1279.	1278.	1306.	1309.	1179.	1204.	1154.	1059.	1038.
	10.0	1208.	1160.	1172.	1139.	1077.	1227.	1144.	1112.	1130.	1056.
	5.0	1321.	1315.	1306.	1257.	1170.	1090.	976.	1008.	1087.	981.
	0.0	948.	948.	948.	948.	948.	948.	948.	948.	948.	948.

||
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	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
175.0	3.	3.	3.	3.	3.	3.	2.	2.	2.	2.	2.
165.0	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
155.0	4.	4.	4.	4.	3.	3.	3.	3.	3.	4.	3.
145.0	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
135.0	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
125.0	7.	5.	4.	4.	3.	3.	3.	3.	3.	3.	3.
115.0	9.	6.	4.	4.	3.	3.	3.	3.	3.	3.	3.
105.0	9.	8.	5.	4.	3.	3.	3.	2.	2.	2.	2.
95.0	10.	8.	6.	5.	3.	3.	2.	2.	2.	2.	3.
90.0	15.	10.	8.	6.	3.	3.	2.	2.	2.	2.	2.
87.5	30.	13.	9.	6.	3.	3.	2.	2.	1.	2.	2.
85.0	50.	20.	12.	8.	4.	2.	2.	2.	1.	1.	2.
82.5	75.	35.	16.	10.	4.	3.	2.	1.	1.	1.	1.
V 80.0	105.	64.	22.	13.	5.	3.	2.	1.	1.	1.	1.
E 77.5	125.	99.	31.	18.	6.	3.	2.	1.	1.	1.	1.
R 75.0	128.	141.	40.	24.	7.	3.	2.	1.	1.	1.	1.
T 72.5	182.	188.	51.	30.	9.	3.	2.	1.	1.	1.	1.
I 70.0	248.	210.	60.	34.	11.	3.	1.	1.	1.	0.	0.
C 67.5	314.	217.	70.	43.	15.	5.	2.	1.	1.	0.	0.
A 65.0	321.	261.	74.	53.	20.	9.	2.	1.	1.	0.	0.
L 62.5	337.	321.	79.	67.	30.	14.	6.	1.	1.	0.	0.
60.0	370.	373.	102.	89.	42.	20.	11.	7.	2.	2.	2.
A 57.5	397.	416.	159.	113.	56.	27.	16.	12.	13.	12.	11.
N 55.0	452.	479.	253.	136.	71.	33.	20.	17.	16.	18.	19.
G 52.5	527.	543.	336.	143.	89.	42.	27.	20.	21.	23.	24.
L 50.0	575.	592.	383.	160.	112.	53.	34.	26.	26.	28.	29.
E 47.5	591.	629.	429.	199.	136.	67.	42.	33.	30.	30.	31.
45.0	608.	663.	489.	242.	150.	86.	51.	41.	38.	36.	37.
42.5	626.	694.	537.	279.	163.	113.	66.	49.	47.	47.	49.
40.0	683.	717.	584.	320.	187.	140.	90.	63.	55.	53.	55.
37.5	729.	726.	640.	378.	212.	163.	117.	85.	71.	66.	67.
35.0	749.	751.	656.	410.	242.	185.	148.	112.	93.	85.	87.
34.0<<	758.	728.	684.	451.	252.	195.	160.	123.	107.	94.	96.
32.5	769.	755.	701.	480.	275.	205.	172.	144.	124.	113.	116.
30.0	809.	794.	734.	542.	361.	223.	196.	167.	158.	143.	147.
25.0	854.	837.	728.	689.	503.	361.	248.	209.	206.	182.	186.
20.0	880.	816.	819.	685.	641.	508.	412.	381.	315.	266.	268.
15.0	936.	917.	862.	710.	674.	817.	660.	610.	507.	518.	505.
10.0	937.	965.	930.	870.	768.	793.	782.	654.	684.	792.	756.
5.0	917.	962.	991.	984.	926.	907.	885.	908.	918.	953.	942.
0.0	948.	948.	948.	948.	948.	948.	948.	948.	948.	948.	948.

CONE OF MAXIMUM CANDELA

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5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	24
5- 10	70
10- 15	113
15- 20	152
20- 25	193
25- 30	242
30- 35	286
35- 40	319
40- 45	332
45- 50	333
50- 55	329
55- 60	297
60- 65	265
65- 70	221
70- 75	159
75- 80	102
80- 85	61
85- 90	32
90- 95	17
95-100	11
100-105	9
105-110	8
110-115	7
115-120	7
120-125	6
125-130	6
130-135	5
135-140	4
140-145	3
145-150	2
150-155	2
155-160	1
160-165	1
165-170	0
170-175	0
175-180	0

10-DEGREE
ZONAL LUMEN SUMMARY

0- 10	94
0- 20	358
0- 30	792
0- 40	1397
0- 50	2062
0- 60	2688
0- 70	3174
0- 80	3434
0- 90	3526
0-100	3555
0-110	3571
0-120	3585
0-130	3597
0-140	3606
0-150	3612
0-160	3615
0-170	3616
0-180	3616