

**REPORT NUMBER:** PRORATED FROM RAB04694

**PAGE:** 1 OF 10

**ISSUE DATE:** 12/18/18

**PREPARED FOR:** RAB LIGHTING INC.

**CATALOG NUMBER:** W34-30L

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

**LAMPS:** SIXTY WHITE LIGHT EMITTING DIODES (LEDs)

**ABSOLUTE:** NOTE: THIS REPORT WAS PRORATED FROM RAB04694 WHICH WAS W34-30L-830. ACTUAL PERFORMANCE MAY VARY.

**WATT:** TOTAL INPUT WATTS = 29 W AT 120.0 VAC.

**LED DRIVER:** LED DRIVER: RDD-SLE-035-A0700-R (-40C)

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



Checked X.CAO

Approved D.WANG-MUNSON

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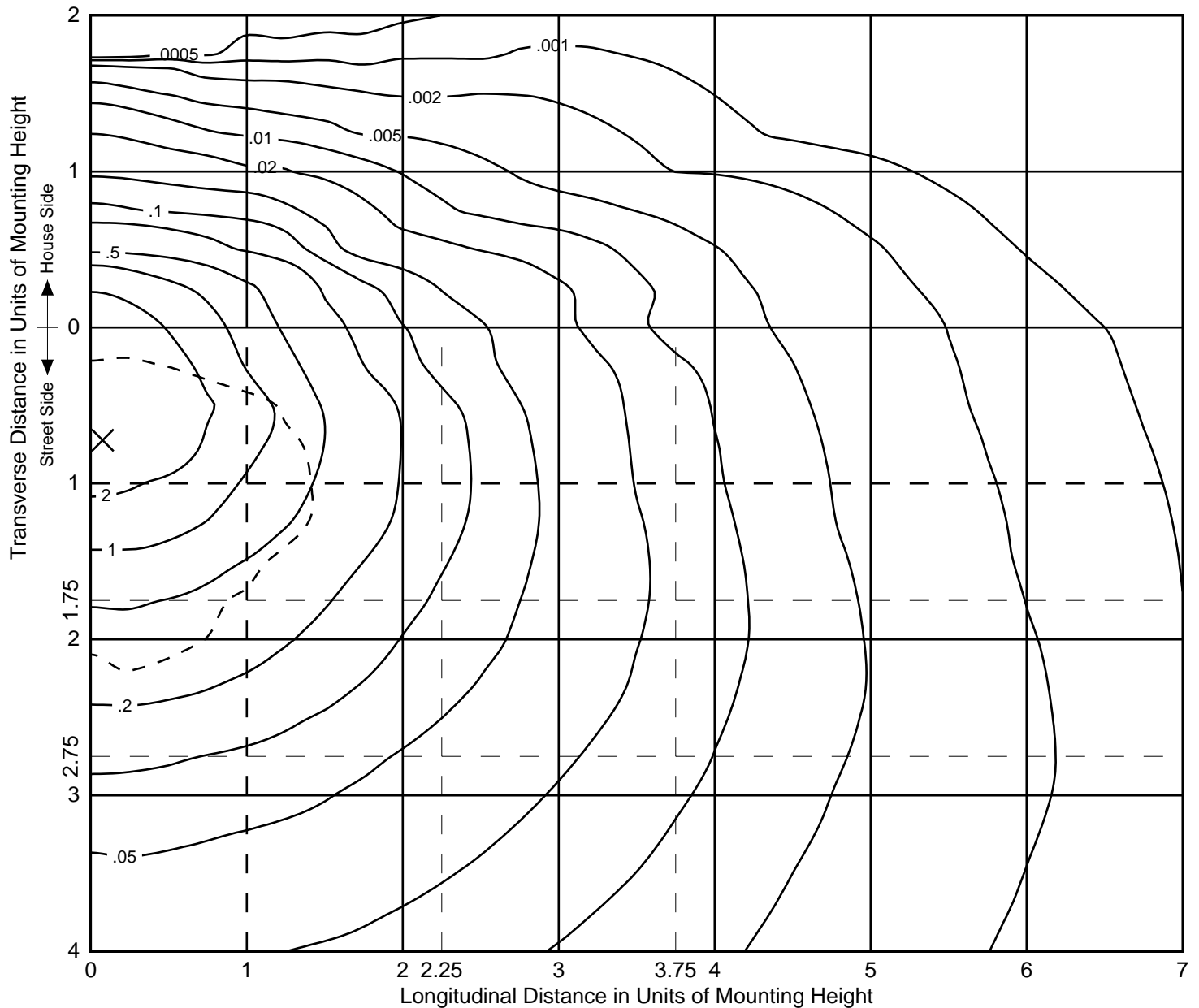
**ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION**  
Values based on 16-foot mounting height

IES Classification: (does not classify)

Cutoff Classification (deprecated): Semicutoff

— — — — — 1/2 Maximum Candela trace

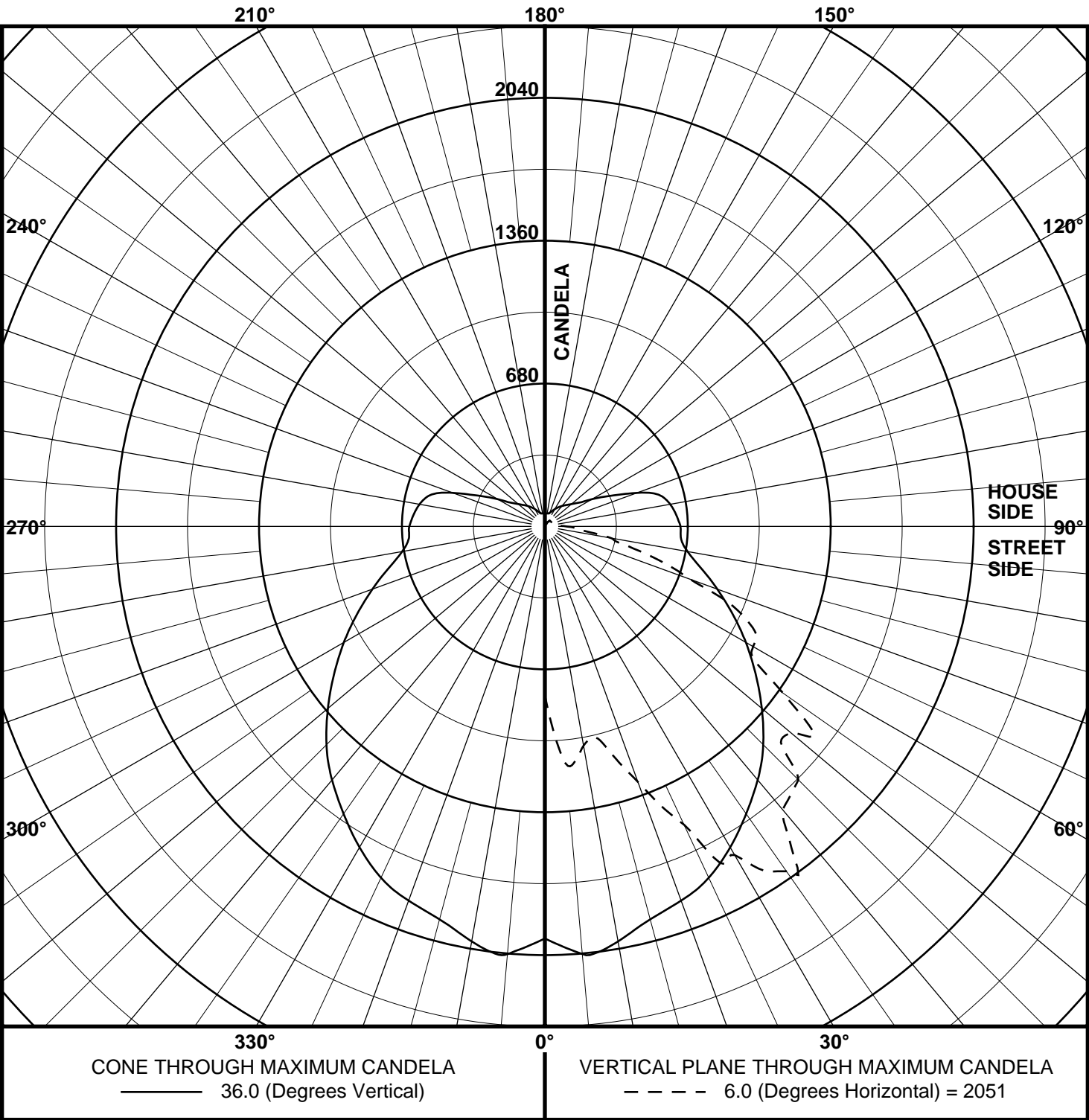
× Maximum Candela point



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MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA



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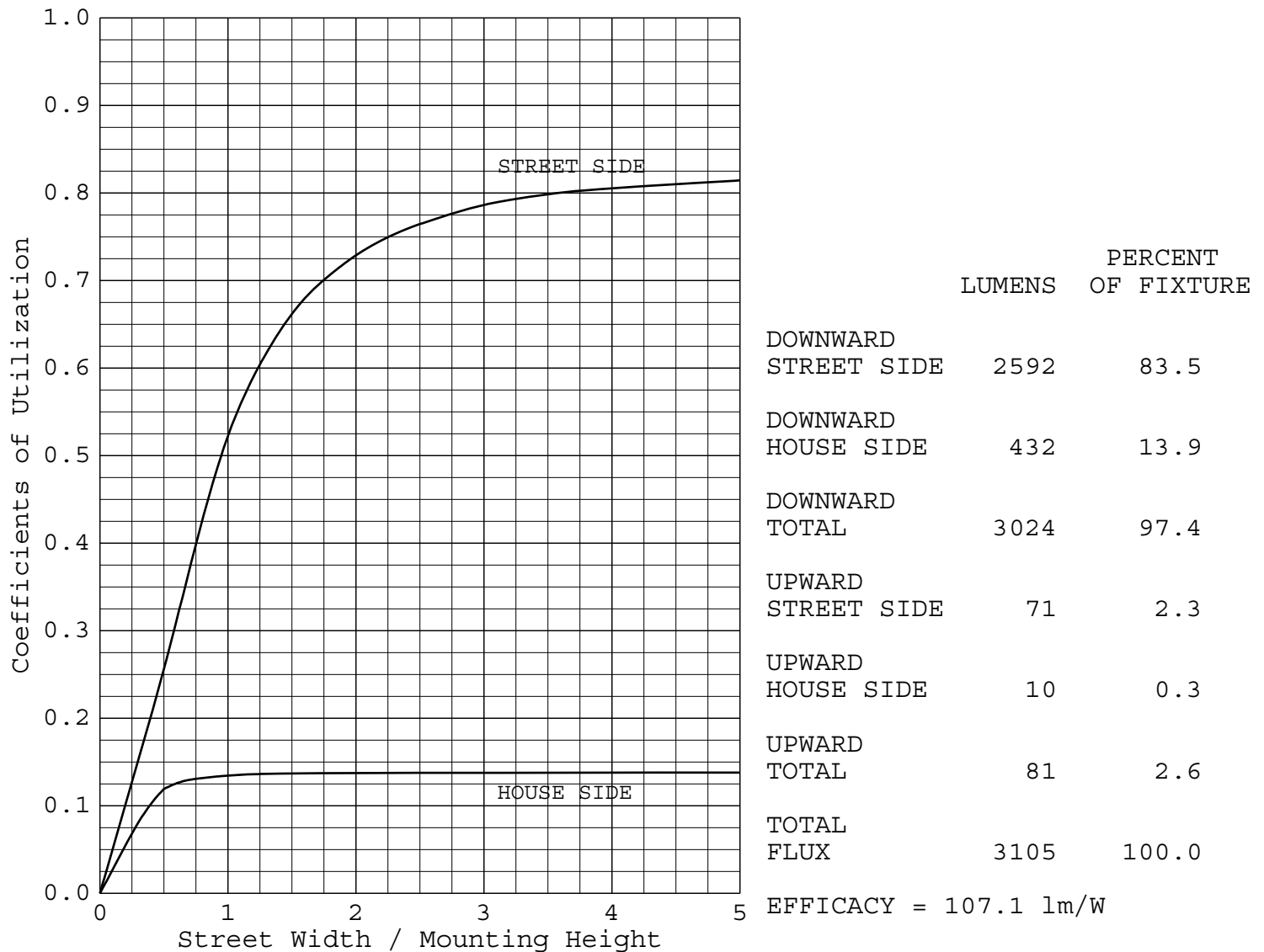
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### COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



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				B1	U3	G1
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		2592	83.5			
FL	(0° – 30°)	466.9	15.0			
FM	(30° – 60°)	1432.5	46.1			
FH	(60° – 80°)	618.2	19.9			G0
FVH	(80° – 90°)	74.0	2.4			G1
Backward		432	13.9			
BL	(0° – 30°)	206.2	6.6	B1		
BM	(30° – 60°)	189.5	6.1	B0		
BH	(60° – 80°)	32.9	1.1	B0		G0
BVH	(80° – 90°)	3.6	0.1			G0
Upward		81	2.6			
UL	(90° – 100°)	25.9	0.8		U2	
UH	(100° – 180°)	55.1	1.8		U3	
Trapped Light		0	0.0			
Total Flux		3105	100.0			

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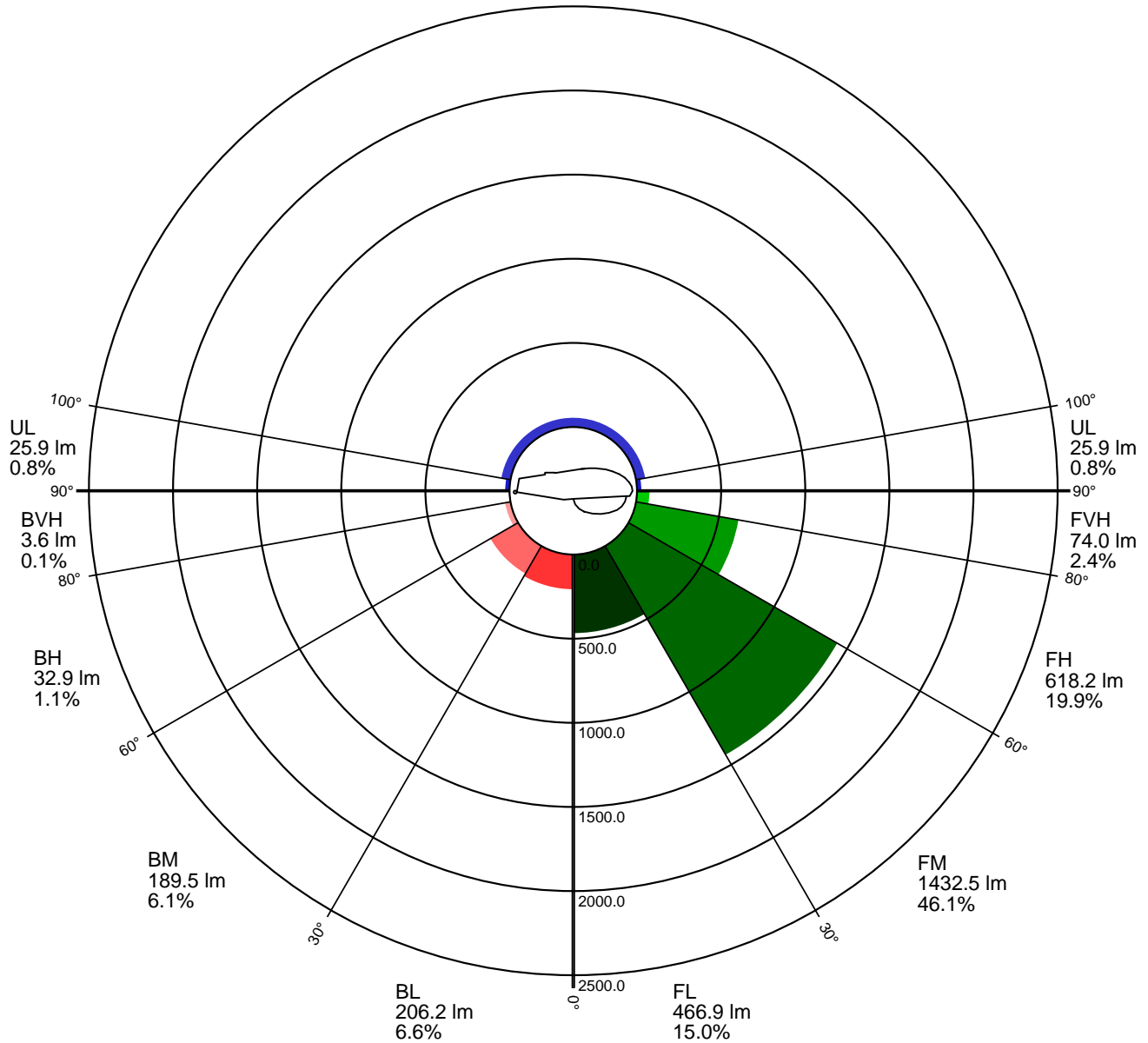
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## Zonal Lumen Summary

(Linear scale)

UH  
55.1 lm  
1.8%



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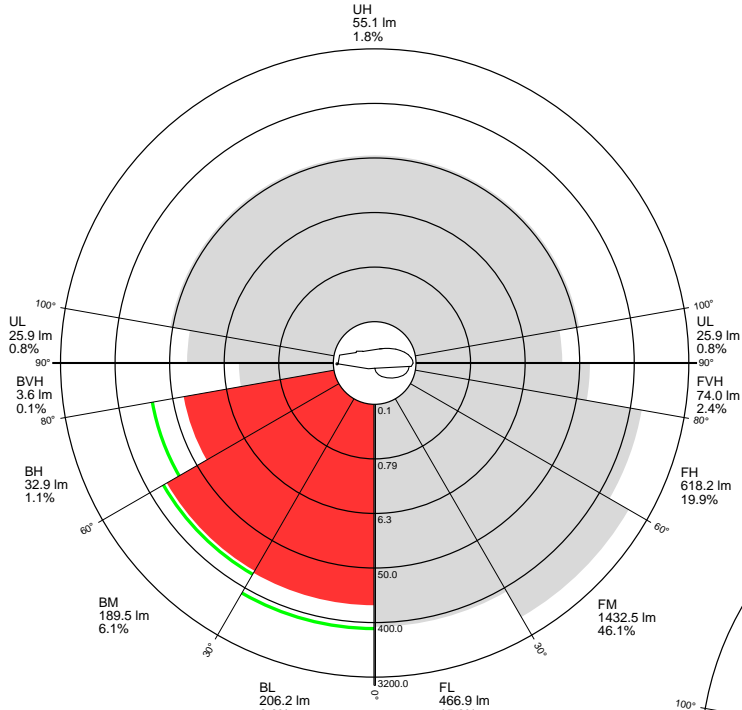
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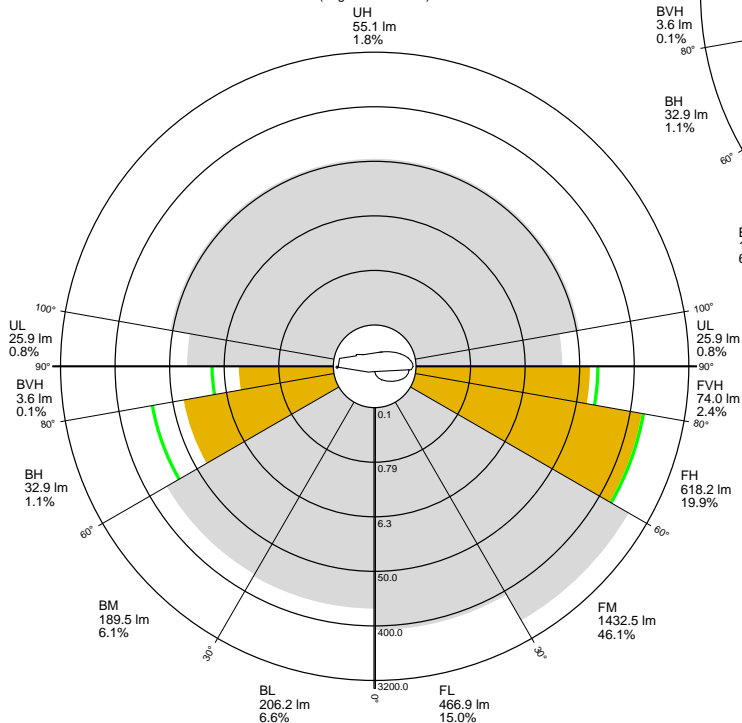
### Backlight Rating Details

(Logarithmic scale)



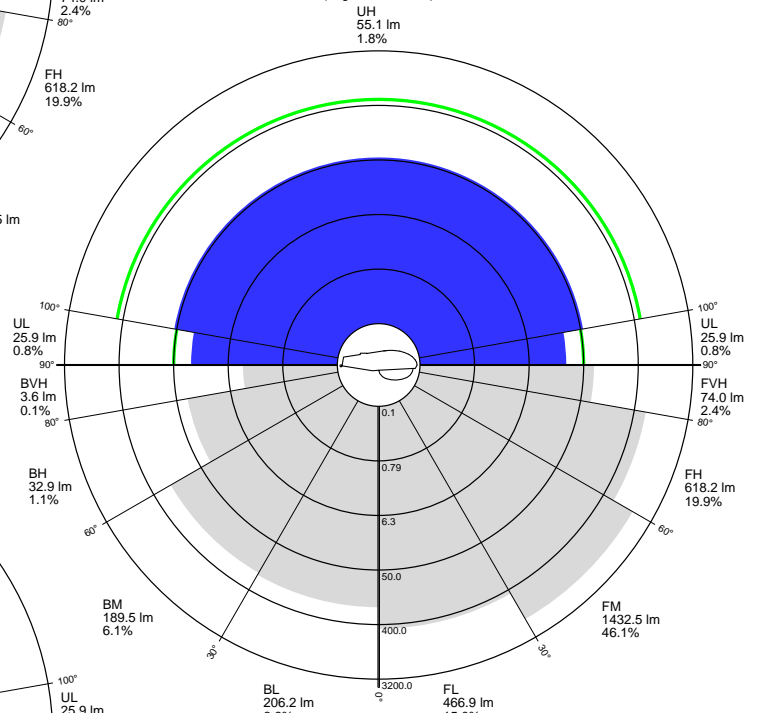
### Glare Rating Details

(Logarithmic scale)



### Uplight Rating Details

(Logarithmic scale)



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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.	0.	1.	1.	1.	2.	2.	2.	3.	3.
	165.0	3.	3.	3.	3.	3.	2.	2.	2.	3.	3.
	155.0	11.	11.	10.	10.	9.	7.	6.	4.	3.	3.
	145.0	27.	27.	27.	24.	21.	16.	12.	8.	6.	4.
	135.0	39.	39.	39.	37.	32.	24.	15.	11.	7.	5.
	125.0	39.	39.	39.	36.	30.	23.	18.	13.	9.	7.
	115.0	39.	39.	39.	35.	29.	23.	19.	17.	14.	9.
	105.0	41.	42.	42.	38.	32.	24.	20.	19.	16.	12.
	95.0	56.	57.	56.	55.	49.	42.	38.	38.	32.	19.
	90.0	100.	102.	100.	99.	97.	81.	81.	68.	49.	30.
	87.5	143.	143.	141.	137.	123.	116.	95.	86.	70.	45.
	85.0	157.	157.	156.	158.	160.	135.	136.	115.	100.	71.
	82.5	226.	236.	221.	231.	244.	207.	203.	163.	146.	96.
V	80.0	318.	320.	317.	309.	293.	268.	269.	242.	212.	134.
E	77.5	371.	366.	363.	362.	365.	378.	372.	346.	288.	188.
R	75.0	490.	500.	487.	482.	517.	480.	458.	471.	374.	244.
T	72.5	584.	623.	617.	598.	601.	584.	622.	547.	452.	319.
I	70.0	750.	734.	735.	727.	760.	792.	687.	639.	589.	418.
C	67.5	910.	953.	944.	964.	937.	865.	785.	761.	652.	516.
A	65.0	1024.	1069.	1064.	1039.	1007.	946.	865.	874.	711.	580.
L	62.5	1075.	1128.	1136.	1074.	1049.	966.	988.	958.	811.	617.
	60.0	1110.	1141.	1144.	1184.	1085.	1174.	1152.	1027.	895.	640.
A	57.5	1139.	1181.	1179.	1199.	1296.	1326.	1165.	1081.	984.	669.
N	55.0	1315.	1375.	1382.	1463.	1469.	1369.	1208.	1131.	1051.	720.
G	52.5	1538.	1604.	1613.	1512.	1480.	1343.	1316.	1208.	1102.	753.
L	50.0	1472.	1531.	1529.	1490.	1463.	1447.	1340.	1295.	1130.	741.
E	47.5	1460.	1521.	1523.	1462.	1589.	1508.	1422.	1341.	1162.	731.
	45.0	1658.	1703.	1705.	1673.	1647.	1573.	1514.	1336.	1135.	750.
	42.5	1667.	1737.	1732.	1620.	1689.	1718.	1538.	1375.	1118.	765.
	40.0	1686.	1772.	1761.	1737.	1827.	1792.	1492.	1346.	1071.	760.
	37.5	1889.	1929.	1927.	1859.	1900.	1714.	1490.	1280.	1021.	776.
	36.0	<<	1961.	2043.	2051.	1936.	1845.	1670.	1470.	1224.	985.
	35.0		1957.	2007.	2004.	1931.	1816.	1654.	1483.	1240.	1013.
	32.5		1898.	1943.	1943.	1822.	1694.	1630.	1421.	1216.	991.
	30.0		1788.	1804.	1806.	1720.	1684.	1510.	1386.	1184.	1010.
	25.0		1641.	1550.	1568.	1461.	1492.	1400.	1306.	1109.	872.
	20.0		1292.	1278.	1293.	1273.	1343.	1109.	1115.	1067.	993.
	15.0		1074.	1068.	1070.	1107.	1160.	1021.	1046.	982.	890.
	10.0		1067.	1023.	1060.	984.	910.	1072.	977.	964.	953.
	5.0		1146.	1134.	1132.	1114.	951.	863.	786.	857.	957.
	0.0		804.	804.	804.	804.	804.	804.	804.	804.	804.

PLANE OF MAXIMUM CANDELA

CONE OF MAXIMUM CANDELA



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### CANDELA TABULATION

	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	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
175.0	3.	3.	3.	3.	2.	2.	2.	2.	1.	1.	1.
165.0	3.	3.	3.	3.	3.	3.	2.	2.	2.	2.	3.
155.0	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
145.0	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
135.0	4.	3.	3.	3.	3.	3.	3.	3.	4.	4.	4.
125.0	6.	4.	3.	3.	3.	3.	3.	3.	3.	3.	3.
115.0	7.	6.	4.	3.	3.	3.	2.	2.	2.	3.	3.
105.0	8.	7.	4.	4.	3.	2.	2.	2.	2.	2.	3.
95.0	9.	8.	5.	4.	3.	2.	2.	2.	2.	2.	2.
90.0	13.	9.	6.	5.	3.	2.	2.	2.	1.	2.	2.
87.5	27.	12.	8.	5.	3.	2.	2.	2.	1.	1.	2.
85.0	43.	19.	11.	6.	3.	2.	2.	1.	1.	1.	1.
82.5	61.	34.	15.	8.	3.	2.	2.	1.	1.	1.	1.
V 80.0	85.	61.	20.	11.	4.	2.	1.	1.	1.	1.	1.
E 77.5	113.	95.	26.	15.	4.	2.	2.	1.	1.	1.	1.
R 75.0	116.	125.	34.	19.	6.	2.	1.	1.	1.	1.	1.
T 72.5	173.	171.	41.	23.	7.	2.	1.	1.	1.	0.	1.
I 70.0	224.	188.	49.	28.	8.	3.	1.	1.	1.	0.	0.
C 67.5	283.	190.	55.	34.	11.	3.	1.	1.	1.	0.	0.
A 65.0	288.	224.	58.	44.	16.	7.	2.	1.	1.	0.	0.
L 62.5	296.	288.	63.	56.	23.	11.	4.	1.	1.	0.	0.
60.0	332.	329.	80.	73.	34.	16.	8.	3.	1.	0.	0.
A 57.5	361.	363.	128.	95.	48.	21.	13.	9.	8.	6.	7.
N 55.0	403.	418.	208.	113.	63.	29.	17.	13.	12.	14.	14.
G 52.5	454.	478.	291.	123.	79.	35.	22.	17.	16.	18.	18.
L 50.0	509.	537.	352.	144.	97.	45.	29.	20.	20.	21.	22.
E 47.5	508.	557.	384.	176.	116.	57.	36.	27.	23.	24.	24.
45.0	509.	571.	425.	216.	128.	74.	43.	35.	31.	30.	30.
42.5	539.	605.	466.	251.	140.	97.	56.	41.	39.	39.	40.
40.0	574.	598.	496.	284.	161.	117.	72.	52.	44.	43.	44.
37.5	631.	630.	536.	320.	183.	136.	95.	66.	56.	52.	53.
36.0<<	645.	627.	569.	345.	196.	144.	110.	81.	63.	61.	62.
35.0	653.	636.	582.	349.	204.	154.	123.	90.	71.	64.	65.
32.5	675.	647.	589.	408.	222.	169.	144.	118.	101.	90.	91.
30.0	683.	664.	588.	457.	294.	184.	162.	138.	134.	117.	117.
25.0	682.	715.	639.	533.	427.	299.	205.	168.	173.	146.	147.
20.0	712.	744.	659.	532.	542.	437.	334.	318.	263.	210.	211.
15.0	778.	798.	754.	633.	532.	616.	609.	486.	450.	477.	472.
10.0	780.	847.	745.	813.	603.	773.	606.	560.	607.	803.	765.
5.0	775.	833.	889.	840.	741.	758.	793.	864.	873.	819.	810.
0.0	804.	804.	804.	804.	804.	804.	804.	804.	804.	804.	804.

CONE OF MAXIMUM CANDELA

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5-DEGREE  
ZONAL LUMEN SUMMARY

0- 5	21
5- 10	61
10- 15	97
15- 20	131
20- 25	162
25- 30	202
30- 35	240
35- 40	271
40- 45	284
45- 50	286
50- 55	284
55- 60	258
60- 65	227
65- 70	194
70- 75	141
75- 80	89
80- 85	51
85- 90	27
90- 95	16
95-100	10
100-105	8
105-110	7
110-115	6
115-120	6
120-125	6
125-130	5
130-135	5
135-140	4
140-145	3
145-150	2
150-155	1
155-160	1
160-165	1
165-170	0
170-175	0
175-180	0

10-DEGREE  
ZONAL LUMEN SUMMARY

0- 10	82
0- 20	309
0- 30	673
0- 40	1184
0- 50	1754
0- 60	2295
0- 70	2716
0- 80	2946
0- 90	3024
0-100	3050
0-110	3065
0-120	3077
0-130	3088
0-140	3096
0-150	3102
0-160	3104
0-170	3105
0-180	3105