

REPORT NUMBER: PRORATED FROM RAB04734

PAGE: 1 OF 10

ISSUE DATE: 01/03/19

PREPARED FOR: RAB LIGHTING INC. RC LIGHTING

CATALOG NUMBER: W34-90L-480

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

LAMPS: ONE HUNDRED AND EIGHTY WHITE LIGHT EMITTING DIODES (LEDs)

ABSOLUTE: NOTE: THIS REPORT WAS PRORATED FROM RAB04734 WHICH WAS W34-90L-830-480. ACTUAL PERFORMANCE MAY VARY.

WATT: TOTAL INPUT WATTS = 85.6 W AT 480.0 VAC.

LED DRIVER: LED DRIVER: XH095C275V054BSF1

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

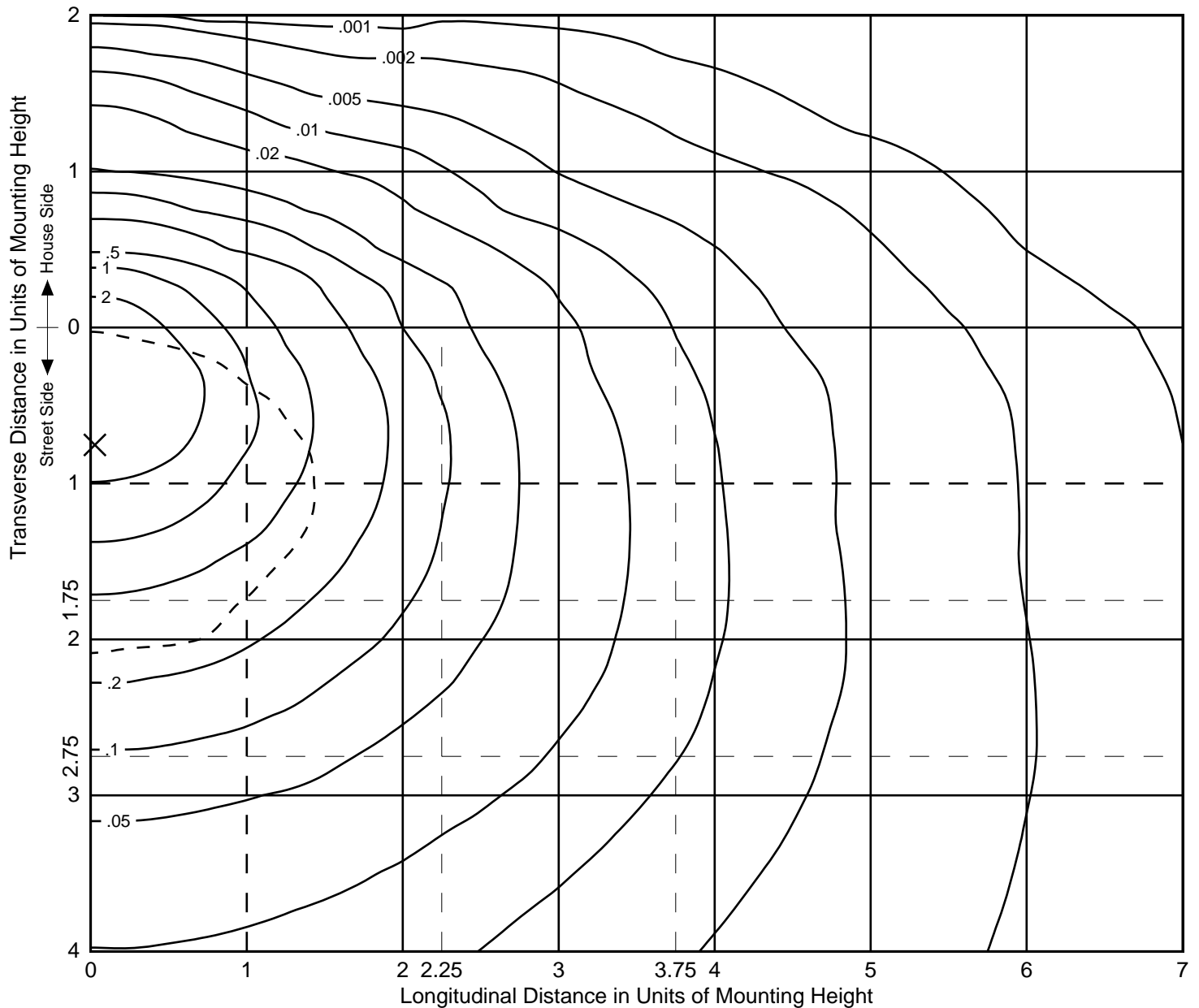
Values based on 28-foot mounting height

IES Classification: (does not classify)

Cutoff Classification (deprecated): Semicutoff

--- 1/2 Maximum Candela trace

× Maximum Candela point



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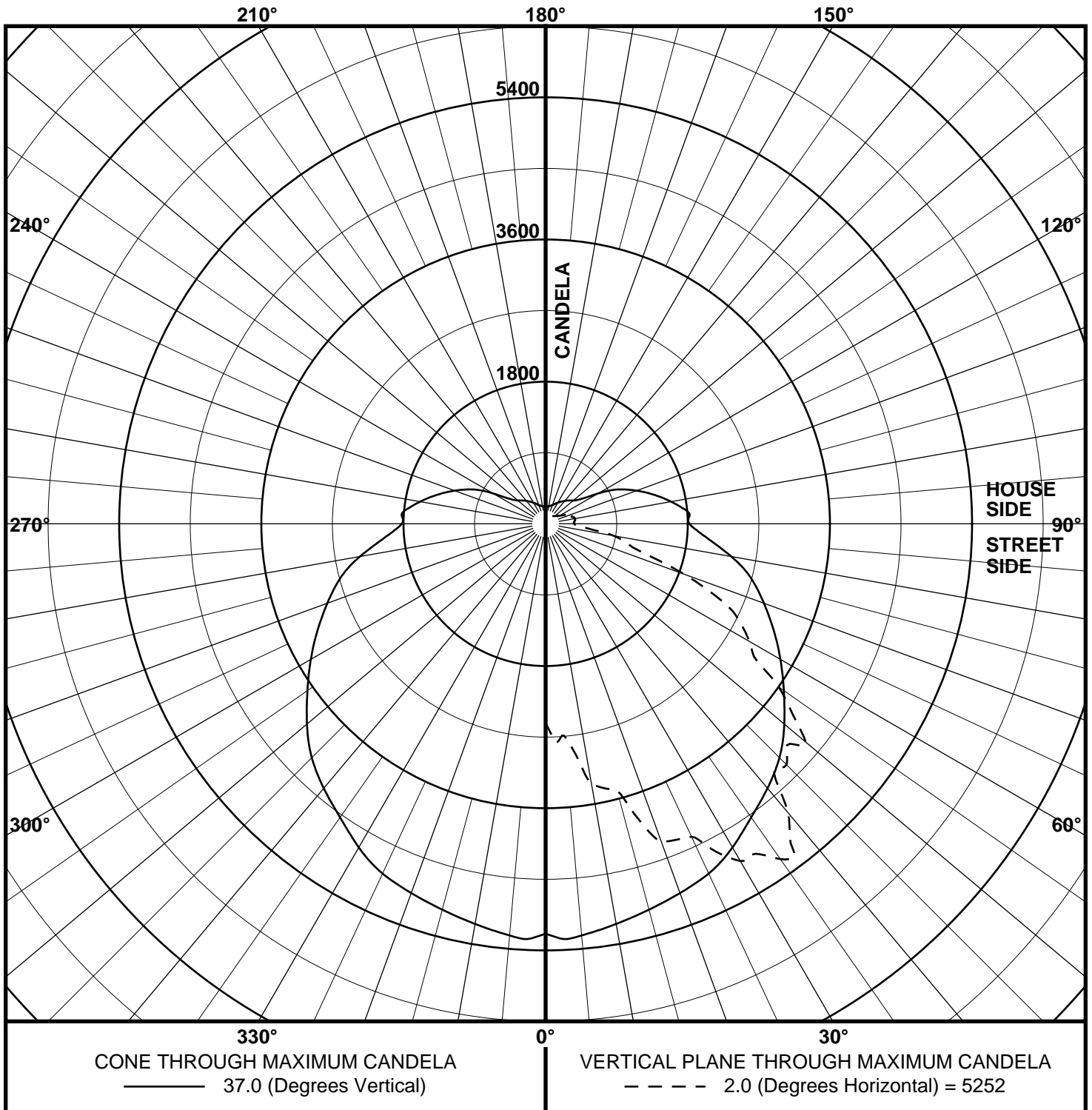
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MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA



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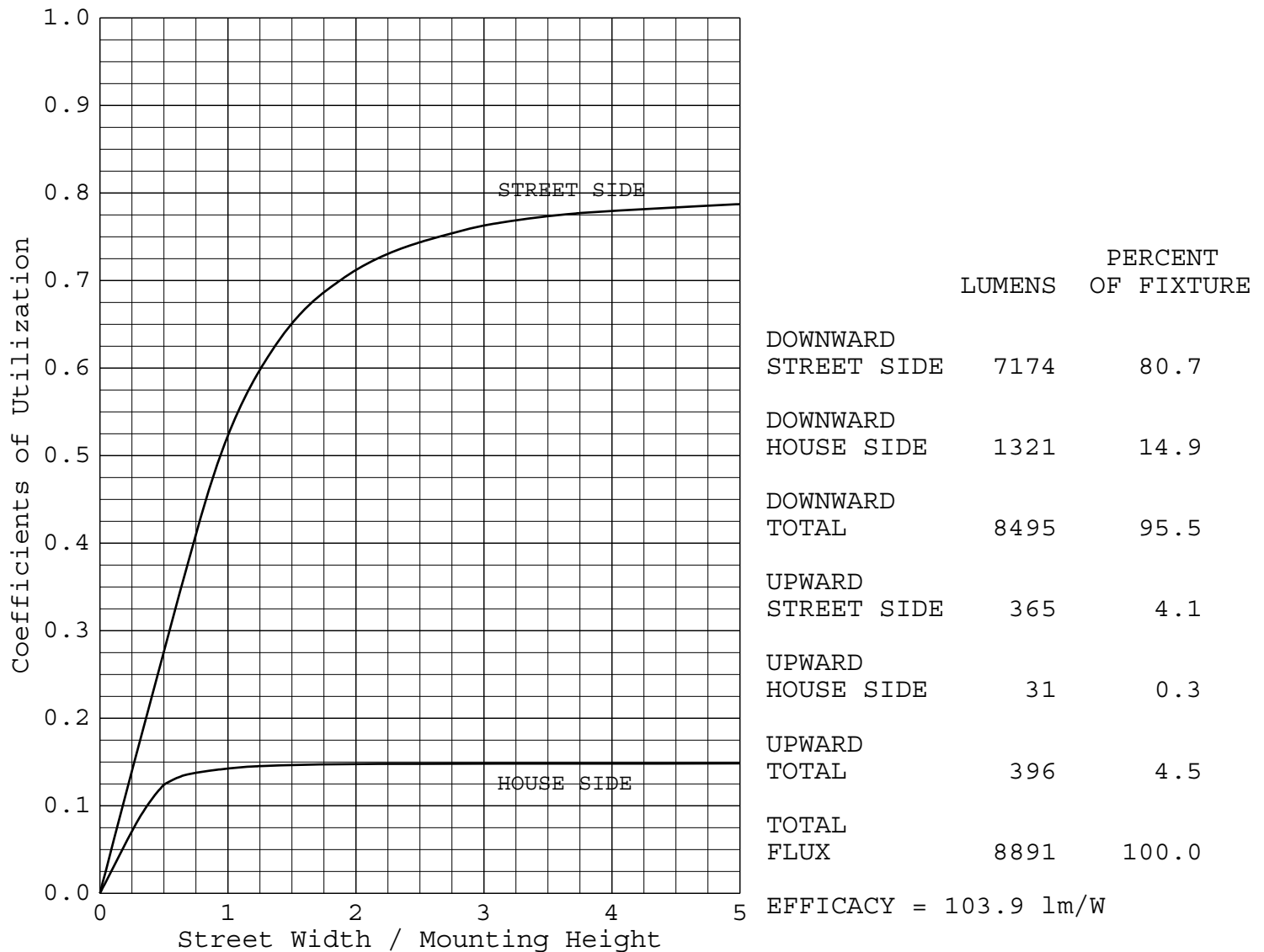
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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



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>B2</div> <div>U3</div> <div>G2</div>		
Zonal Summary			Zone Ratings		
			B	U	G
Forward					
FL	(0° – 30°)	7174			
FM	(30° – 60°)	1437.5			
FH	(60° – 80°)	3915.7			
FVH	(80° – 90°)	1597.7			G1
		223.0			G2
Backward					
BL	(0° – 30°)	1321			
BM	(30° – 60°)	620.3	B2		
BH	(60° – 80°)	569.5	B1		
BVH	(80° – 90°)	118.0	B1		G1
		12.9			G1
Upward					
UL	(90° – 100°)	396			
UH	(100° – 180°)	123.0		U3	
		272.9		U3	
Trapped Light					
Total Flux					
		0			
		8891			
		100.0			

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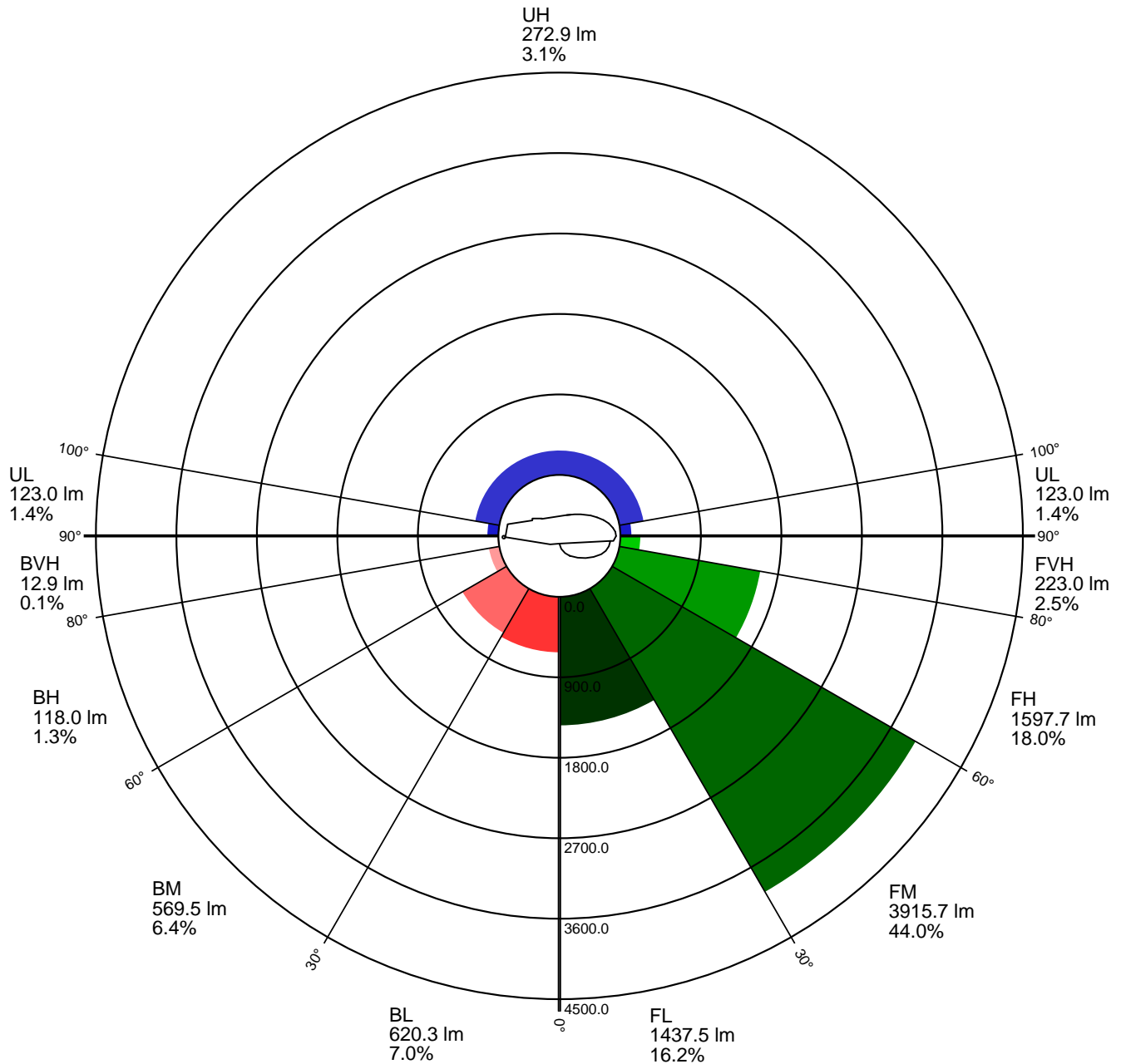
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Zonal Lumen Summary

(Linear scale)



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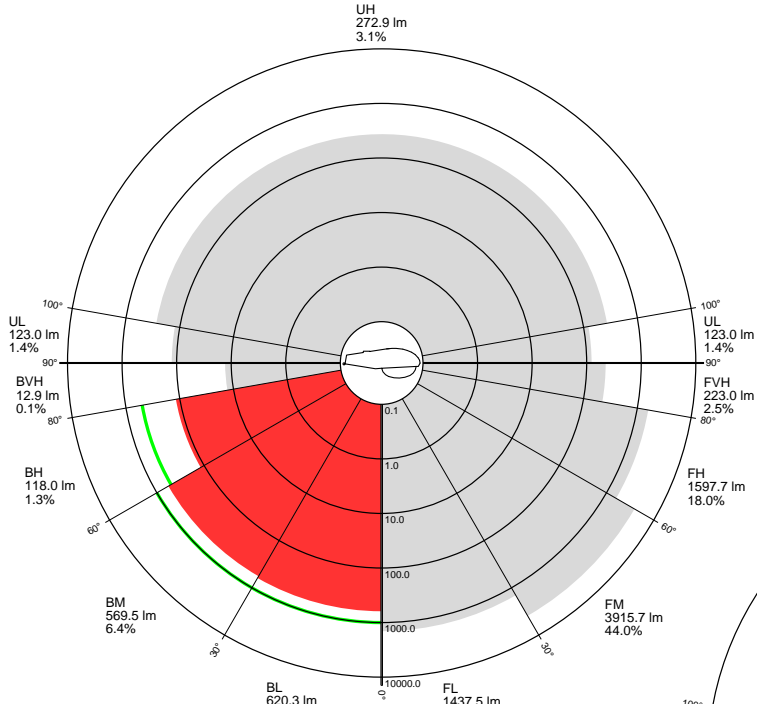
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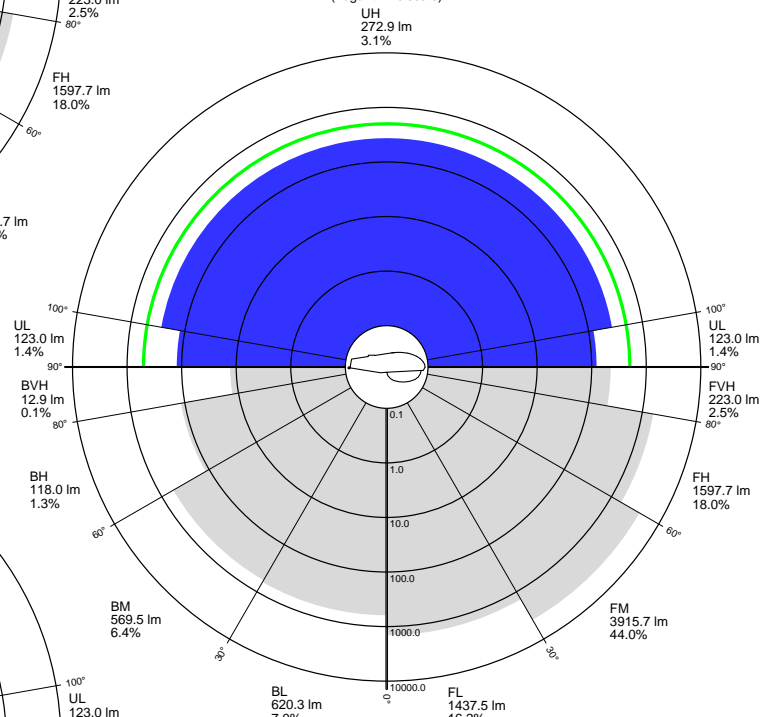
Backlight Rating Details

(Logarithmic scale)



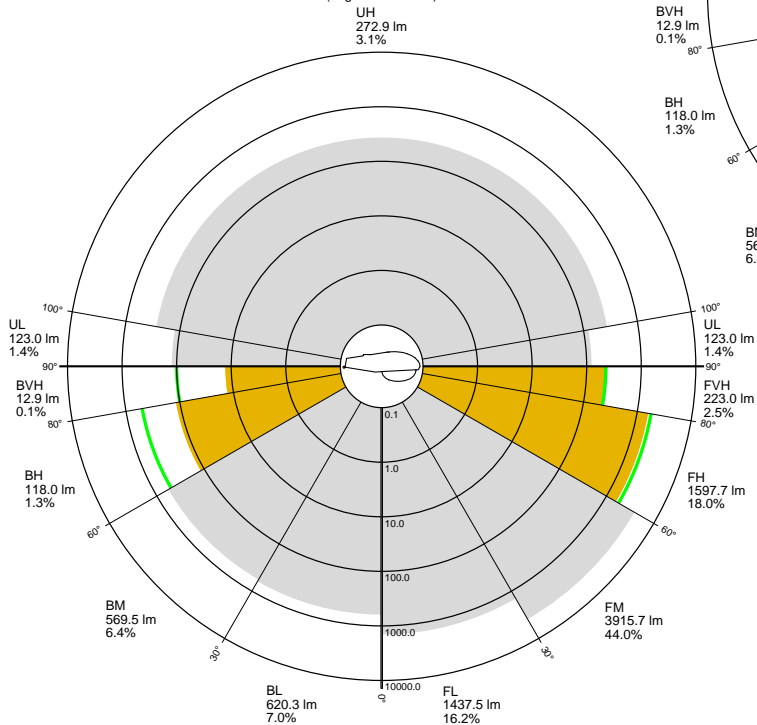
Uplight Rating Details

(Logarithmic scale)



Glare Rating Details

(Logarithmic scale)



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CANDELA TABULATION

	STREET SIDE										
	0.0	2.0	5.0	15.0	25.0	35.0	45.0	55.0	65.0	75.0	85.0
	180.0	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
	175.0	2.	2.	2.	2.	3.	4.	5.	6.	7.	8.
	165.0	15.	15.	15.	14.	13.	12.	10.	8.	7.	8.
	155.0	43.	43.	43.	41.	36.	31.	24.	17.	12.	8.
	145.0	94.	94.	94.	89.	79.	63.	47.	35.	21.	13.
	135.0	138.	139.	138.	132.	118.	99.	78.	53.	36.	19.
	125.0	176.	176.	175.	165.	143.	116.	92.	68.	46.	24.
	115.0	267.	268.	266.	242.	204.	155.	107.	73.	55.	40.
	105.0	341.	342.	339.	299.	232.	164.	113.	81.	63.	47.
	95.0	367.	367.	367.	357.	334.	288.	220.	144.	105.	67.
	92.5	357.	358.	358.	352.	338.	299.	253.	186.	132.	82.
	90.0	360.	363.	362.	356.	340.	312.	294.	241.	171.	103.
	87.5	379.	385.	379.	376.	368.	362.	353.	305.	237.	143.
	85.0	459.	470.	473.	470.	465.	447.	454.	412.	318.	203.
V	82.5	604.	624.	628.	618.	645.	620.	604.	522.	419.	295.
E	80.0	852.	879.	853.	854.	834.	759.	702.	662.	577.	417.
R	77.5	996.	1020.	1002.	986.	942.	876.	887.	896.	758.	564.
T	75.0	1123.	1137.	1128.	1115.	1122.	1157.	1245.	1180.	960.	733.
I	72.5	1386.	1423.	1397.	1425.	1561.	1561.	1593.	1472.	1178.	906.
C	70.0	1815.	1865.	1840.	1880.	1981.	1906.	1925.	1739.	1396.	1098.
A	67.5	2208.	2262.	2270.	2232.	2300.	2260.	2132.	1923.	1639.	1307.
L	65.0	2594.	2610.	2608.	2652.	2578.	2413.	2336.	2194.	1845.	1493.
	62.5	2808.	2806.	2733.	2706.	2713.	2686.	2584.	2481.	2069.	1638.
A	60.0	2971.	2984.	2984.	2954.	2944.	2936.	2901.	2623.	2301.	1830.
N	57.5	3098.	3126.	3126.	3105.	3313.	3318.	3174.	2825.	2482.	1960.
G	55.0	3610.	3609.	3620.	3656.	3710.	3629.	3243.	3089.	2602.	2082.
L	52.5	3929.	3934.	3955.	4037.	3945.	3671.	3410.	3264.	2736.	2177.
E	50.0	4298.	4300.	4268.	4130.	3923.	3782.	3647.	3359.	2844.	2256.
	47.5	4155.	4147.	4140.	4090.	4075.	3967.	3858.	3479.	2919.	2306.
	45.0	4306.	4315.	4314.	4218.	4275.	4246.	3927.	3629.	3046.	2397.
	42.5	4270.	4283.	4285.	4449.	4612.	4472.	4069.	3688.	3215.	2480.
	40.0	4734.	4776.	4772.	4835.	4841.	4509.	4147.	3669.	3259.	2566.
	37.5	5011.	5096.	5079.	5098.	4925.	4536.	4197.	3662.	3219.	2686.
	37.0<<	5190.	5252.	5232.	5058.	4886.	4539.	4187.	3682.	3185.	2700.
	35.0	5196.	5182.	5192.	4980.	4801.	4537.	4072.	3694.	3157.	2816.
	30.0	4892.	4932.	4956.	4761.	4605.	4166.	3970.	3707.	3083.	2899.
	25.0	4377.	4372.	4377.	4265.	4217.	4220.	3860.	3308.	3244.	2705.
	20.0	4293.	4280.	4293.	4265.	4088.	3717.	3349.	3328.	3242.	2689.
	15.0	3485.	3499.	3524.	3510.	3467.	3405.	3424.	3423.	3059.	2563.
	10.0	3336.	3343.	3353.	3339.	3559.	3337.	2938.	3120.	2556.	2684.
	5.0	2805.	2695.	2766.	2789.	2619.	2545.	2633.	2722.	2750.	2418.
	0.0	2521.	2521.	2521.	2521.	2521.	2521.	2521.	2521.	2521.	2521.

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	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
	175.0	8.	8.	8.	8.	7.	6.	6.	5.	5.	4. 4.
	165.0	8.	9.	9.	8.	8.	7.	7.	7.	7.	7. 7.
	155.0	9.	9.	9.	9.	9.	9.	9.	9.	9.	9. 9.
	145.0	9.	9.	9.	9.	9.	9.	9.	9.	10.	10. 10.
	135.0	12.	11.	10.	9.	9.	9.	9.	9.	9.	9. 9.
	125.0	17.	13.	10.	9.	8.	8.	7.	7.	7.	7. 8.
	115.0	29.	21.	12.	9.	8.	7.	6.	6.	6.	6. 6.
	105.0	35.	29.	16.	10.	8.	7.	7.	7.	6.	6. 6.
	95.0	29.	27.	20.	13.	9.	7.	6.	5.	5.	5. 5.
	92.5	31.	28.	22.	15.	9.	7.	6.	5.	5.	5. 5.
	90.0	45.	32.	28.	16.	10.	7.	5.	5.	4.	5. 5.
	87.5	88.	44.	35.	19.	10.	7.	5.	4.	4.	4. 4.
	85.0	152.	65.	48.	23.	12.	7.	5.	4.	4.	4. 4.
V	82.5	218.	107.	65.	31.	14.	7.	5.	4.	3.	4. 3.
E	80.0	284.	192.	88.	40.	16.	7.	5.	4.	3.	3. 3.
R	77.5	363.	290.	109.	51.	20.	7.	4.	3.	3.	3. 3.
T	75.0	449.	364.	133.	67.	24.	8.	4.	3.	3.	2. 2.
I	72.5	545.	437.	163.	91.	37.	9.	4.	3.	2.	2. 2.
C	70.0	621.	517.	201.	120.	54.	13.	4.	3.	2.	2. 2.
A	67.5	704.	654.	238.	152.	70.	30.	6.	3.	2.	1. 1.
L	65.0	815.	763.	283.	187.	90.	44.	24.	6.	2.	1. 0.
	62.5	914.	860.	365.	221.	113.	59.	41.	31.	22.	12. 14.
A	60.0	1038.	974.	480.	258.	140.	73.	56.	48.	42.	41. 41.
N	57.5	1151.	1087.	584.	292.	168.	91.	65.	63.	62.	62. 62.
G	55.0	1235.	1150.	695.	334.	206.	112.	82.	74.	81.	78. 80.
L	52.5	1304.	1257.	811.	367.	243.	135.	98.	88.	90.	94. 94.
E	50.0	1454.	1364.	935.	419.	282.	165.	114.	98.	100.	105. 105.
	47.5	1541.	1424.	1040.	505.	319.	209.	137.	112.	105.	105. 105.
	45.0	1631.	1573.	1102.	581.	358.	253.	173.	128.	119.	115. 114.
	42.5	1676.	1617.	1209.	722.	403.	299.	218.	161.	136.	129. 126.
	40.0	1706.	1679.	1307.	858.	465.	353.	269.	211.	174.	155. 152.
	37.5	1811.	1802.	1405.	1029.	527.	407.	327.	264.	224.	209. 203.
	37.0<<	1821.	1804.	1421.	1031.	544.	417.	342.	276.	236.	219. 213.
	35.0	1898.	1885.	1442.	1116.	664.	464.	394.	320.	282.	264. 256.
	30.0	2046.	1955.	1530.	1326.	1085.	621.	493.	443.	404.	388. 368.
	25.0	2137.	2057.	1786.	1622.	1355.	1117.	833.	559.	516.	499. 487.
	20.0	2185.	2177.	1878.	1740.	1694.	1465.	1259.	1117.	1023.	870. 863.
	15.0	2321.	2399.	2465.	2106.	1743.	1522.	1587.	1484.	1556.	1383. 1366.
	10.0	2457.	2646.	2256.	2433.	2020.	2004.	1684.	1870.	1764.	1597. 1609.
	5.0	2496.	2622.	2578.	2342.	2313.	2537.	2582.	2488.	2370.	2250. 2267.
	0.0	2521.	2521.	2521.	2521.	2521.	2521.	2521.	2521.	2521.	2521. 2521.

CONE OF MAXIMUM CANDELA

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5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	61
5- 10	181
10- 15	299
15- 20	406
20- 25	512
25- 30	600
30- 35	693
35- 40	766
40- 45	783
45- 50	779
50- 55	767
55- 60	699
60- 65	609
65- 70	506
70- 75	364
75- 80	237
80- 85	149
85- 90	87
90- 95	66
95-100	57
100-105	48
105-110	45
110-115	39
115-120	31
120-125	25
125-130	21
130-135	18
135-140	15
140-145	11
145-150	8
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	241
0- 20	945
0- 30	2058
0- 40	3516
0- 50	5078
0- 60	6543
0- 70	7658
0- 80	8259
0- 90	8495
0-100	8618
0-110	8710
0-120	8781
0-130	8827
0-140	8860
0-150	8879
0-160	8887
0-170	8890
0-180	8891