

REPORT NUMBER: PRORATED FROM RAB04696

PAGE: 1 OF 10

ISSUE DATE: 12/18/18

PREPARED FOR: RAB LIGHTING INC.

CATALOG NUMBER: W34-30L-480

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 RAB04696 WHICH WAS W34-30L-830-480. ACTUAL PERFORMANCE MAY VARY.

WATT: TOTAL INPUT WATTS = 28.6 W AT 480.0 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

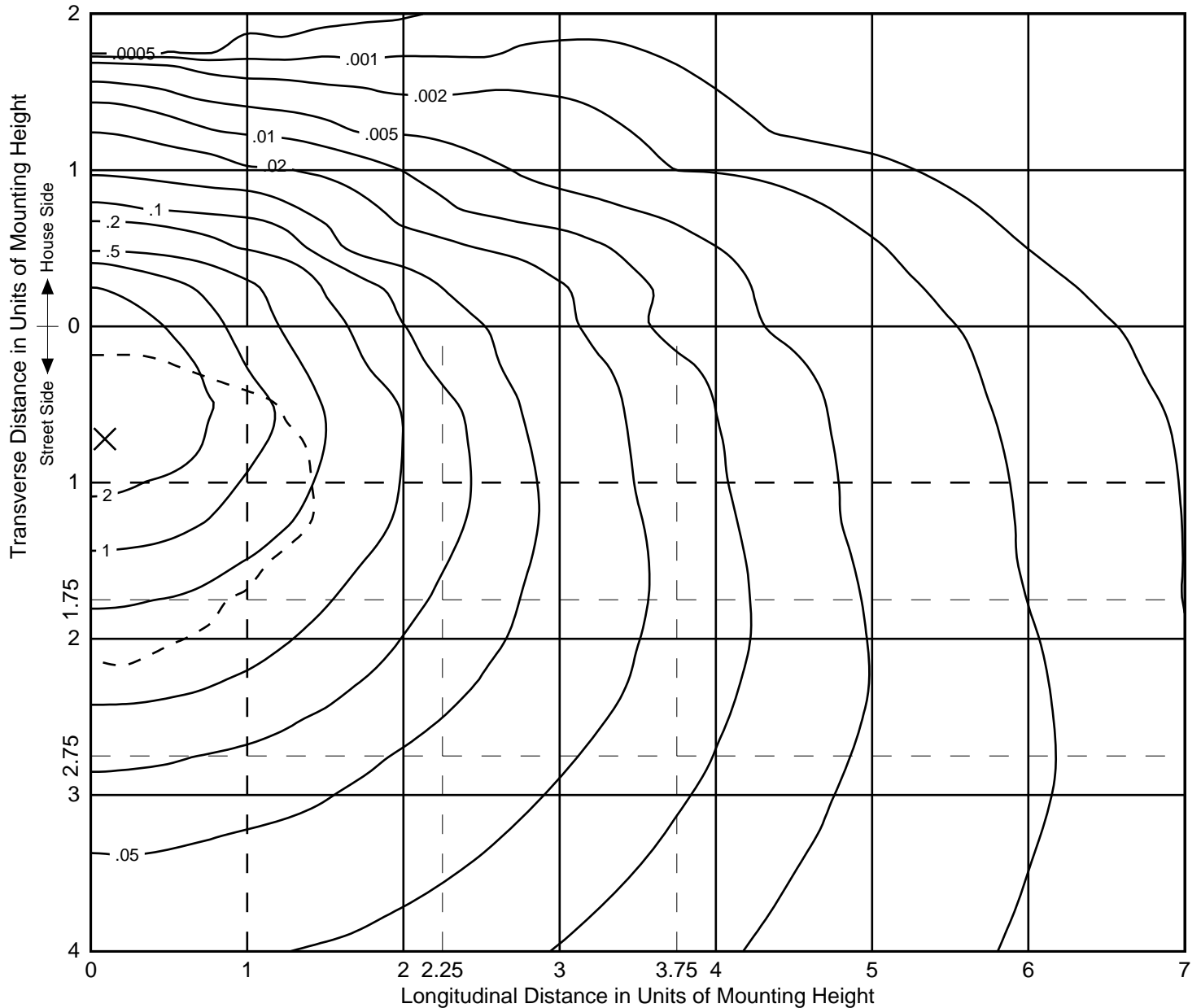
Values based on 16-foot mounting height

IES Classification: (does not classify)

Cutoff Classification (deprecated): Semicutoff

— — — — — 1/2 Maximum Candela trace

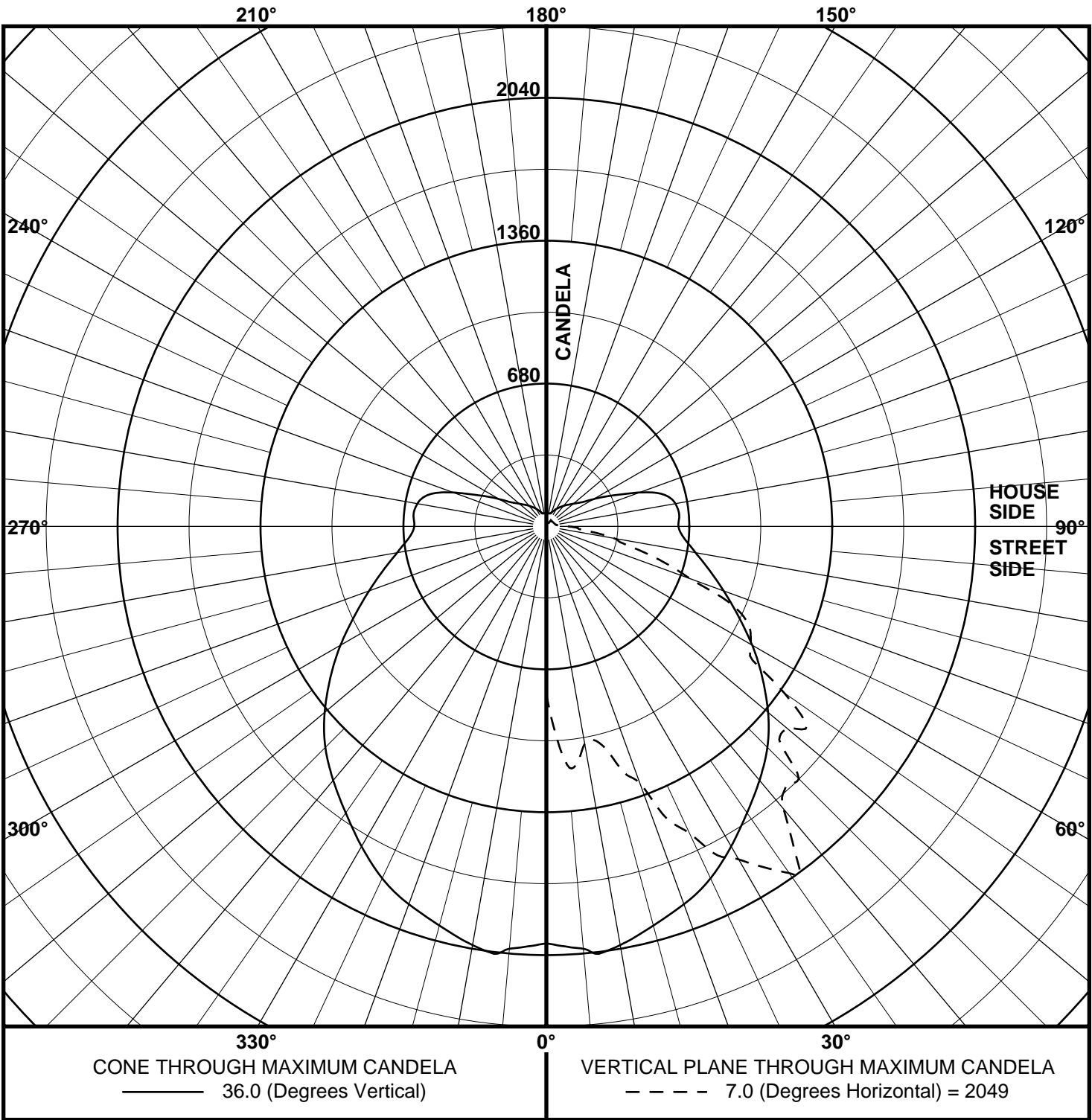
× Maximum Candela point



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MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA



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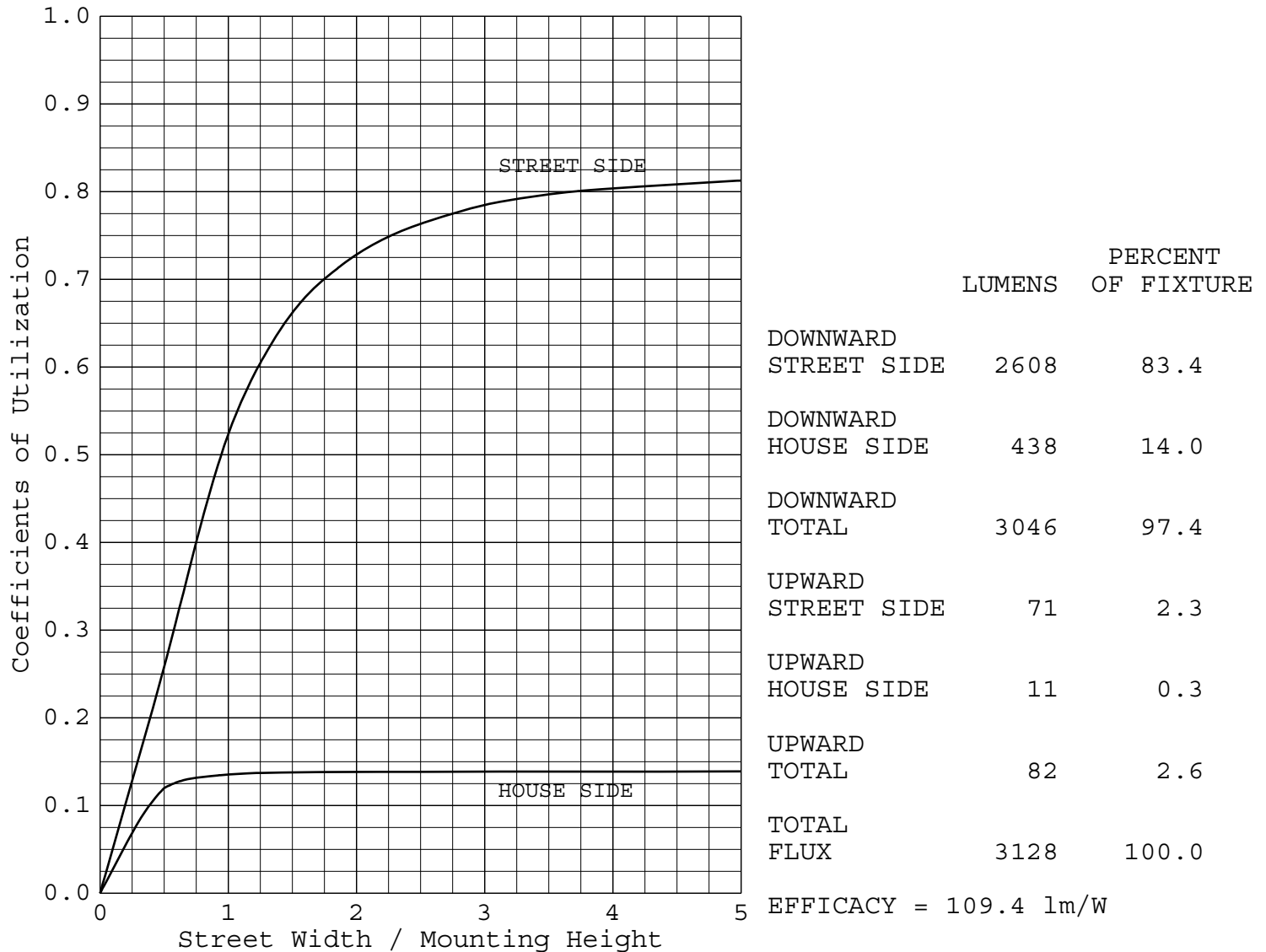
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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



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			Zone Ratings		
			B	U	G
Forward					
FL	(0° – 30°)	2608			
FM	(30° – 60°)	472.9			
FH	(60° – 80°)	1442.2			
FVH	(80° – 90°)	616.5			G0
		76.1			G1
Backward					
BL	(0° – 30°)	438			
BM	(30° – 60°)	209.4	B1		
BH	(60° – 80°)	191.5	B0		
BVH	(80° – 90°)	33.2	B0		G0
		3.8			G0
Upward					
UL	(90° – 100°)	82			
UH	(100° – 180°)	26.3		U2	
		55.9		U3	
Trapped Light					
Total Flux					
		0			
		3128			
		100.0			

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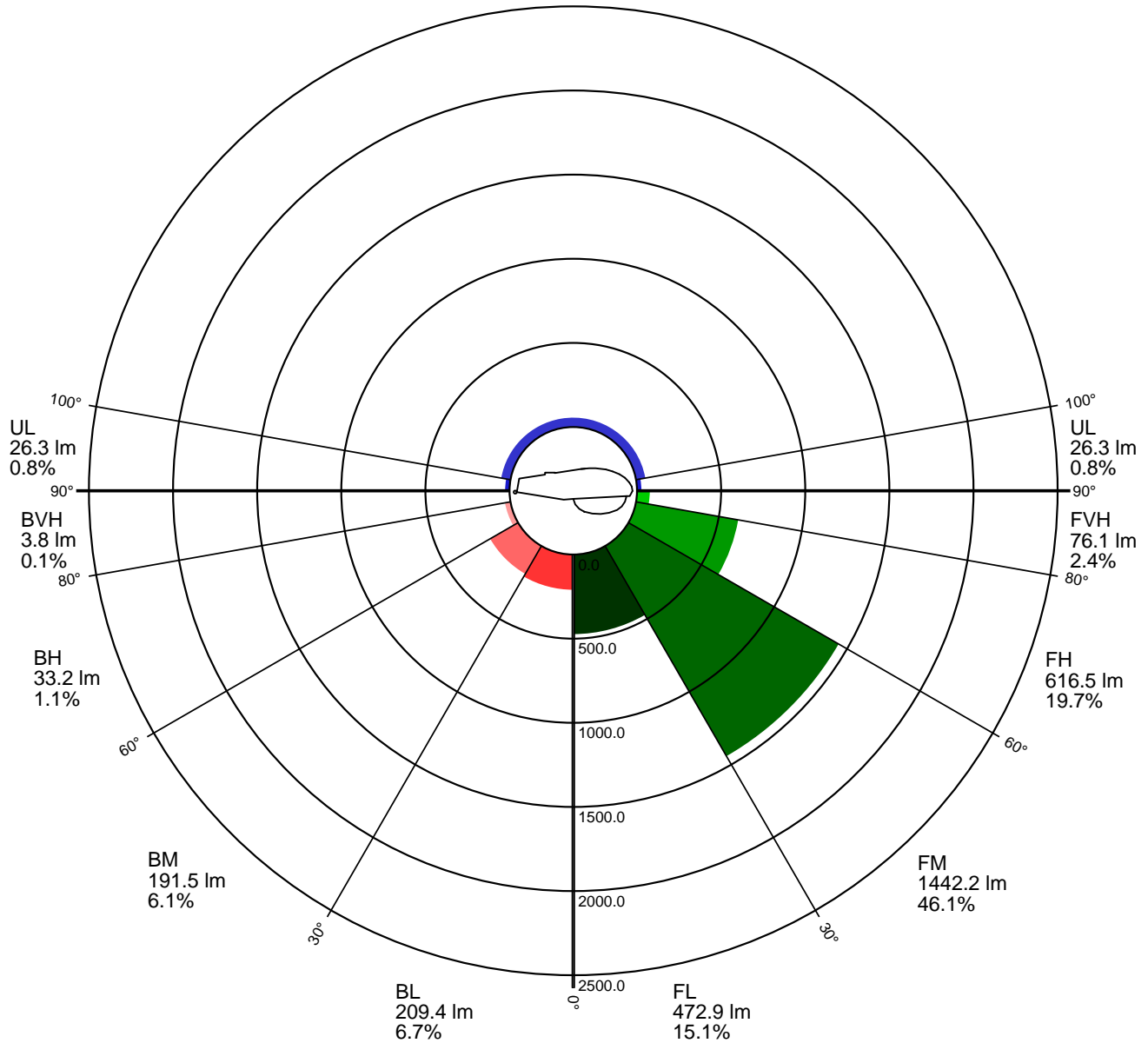
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Zonal Lumen Summary

(Linear scale)

UH
55.9 lm
1.8%



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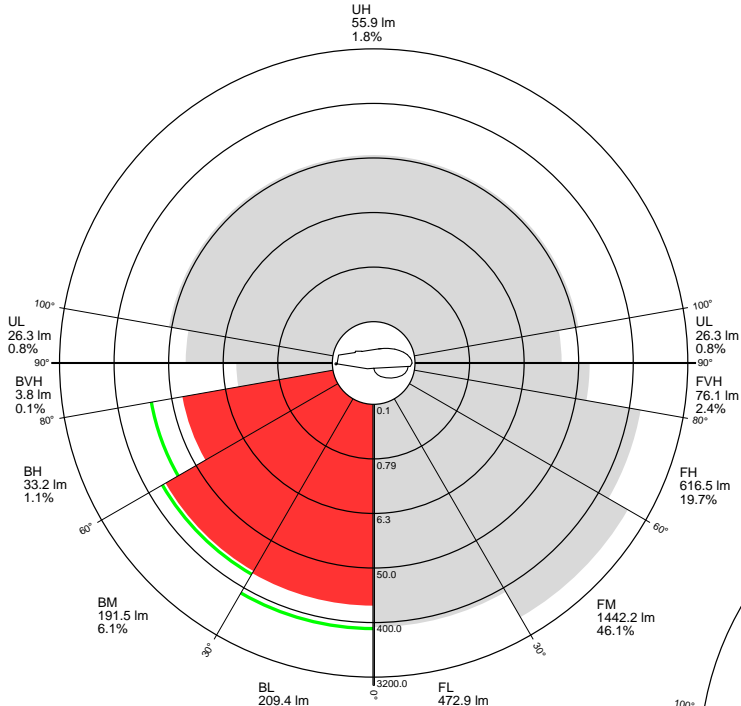
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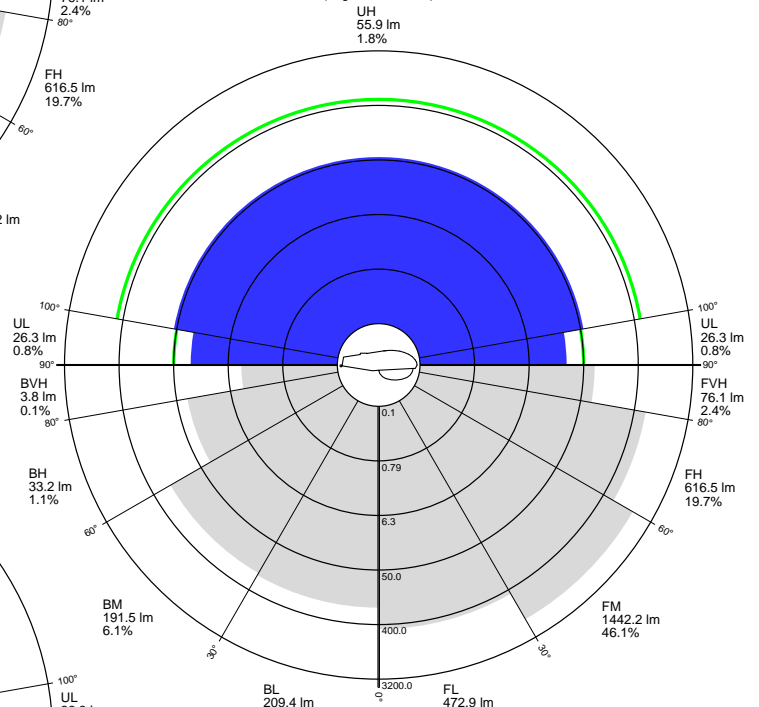
Backlight Rating Details

(Logarithmic scale)



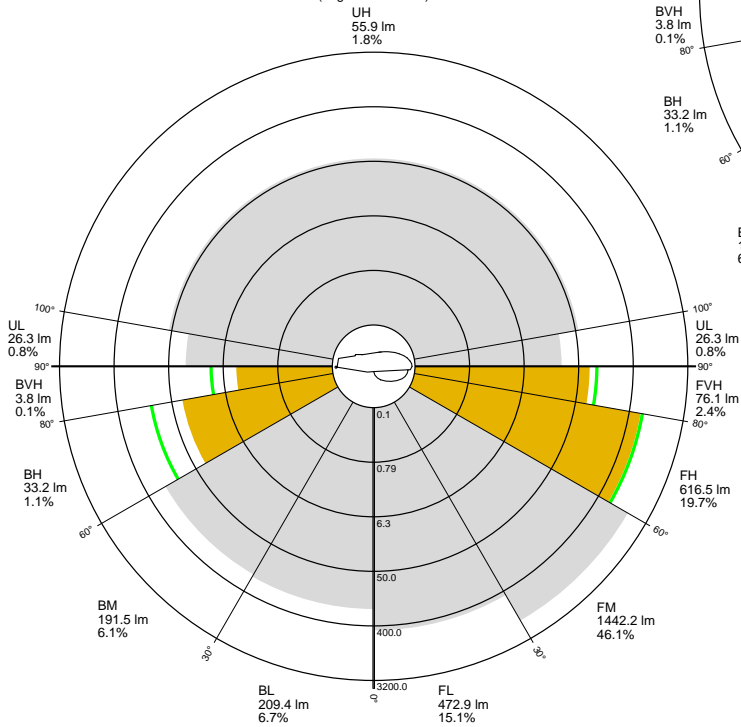
Uplight Rating Details

(Logarithmic scale)



Glare Rating Details

(Logarithmic scale)



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CANDELA TABULATION

	STREET SIDE		LATERAL ANGLE								
	0.0	5.0	7.0	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.	2.	3.	3.
	165.0	4.	3.	3.	3.	3.	2.	2.	2.	3.	3.
	155.0	10.	10.	10.	10.	9.	7.	6.	4.	3.	3.
	145.0	27.	27.	26.	24.	21.	16.	12.	8.	6.	5.
	135.0	38.	38.	39.	37.	32.	24.	15.	11.	7.	5.
	125.0	39.	39.	39.	36.	31.	24.	18.	13.	8.	7.
	115.0	40.	39.	39.	36.	30.	23.	19.	17.	13.	9.
	105.0	41.	42.	42.	38.	32.	24.	20.	19.	16.	12.
	95.0	55.	57.	56.	55.	50.	43.	38.	38.	32.	19.
	90.0	101.	104.	104.	104.	98.	84.	82.	69.	49.	30.
	87.5	147.	149.	146.	142.	128.	118.	96.	88.	72.	45.
	85.0	161.	163.	163.	168.	167.	141.	139.	120.	102.	66.
	82.5	231.	237.	240.	241.	256.	220.	207.	168.	143.	93.
V	80.0	322.	324.	329.	317.	299.	276.	265.	244.	214.	136.
E	77.5	375.	373.	372.	367.	367.	379.	367.	343.	289.	192.
R	75.0	482.	495.	486.	483.	519.	478.	454.	467.	367.	243.
T	72.5	593.	613.	610.	595.	600.	577.	626.	541.	446.	316.
I	70.0	732.	721.	727.	722.	749.	775.	692.	638.	582.	401.
C	67.5	919.	930.	935.	954.	921.	859.	793.	738.	660.	505.
A	65.0	1041.	1069.	1046.	1014.	1002.	944.	865.	893.	715.	595.
L	62.5	1084.	1103.	1095.	1061.	1047.	974.	997.	962.	812.	620.
	60.0	1131.	1133.	1123.	1179.	1087.	1190.	1161.	1012.	899.	646.
A	57.5	1173.	1171.	1149.	1197.	1312.	1317.	1184.	1092.	997.	684.
N	55.0	1347.	1382.	1381.	1465.	1464.	1375.	1211.	1139.	1044.	753.
G	52.5	1588.	1591.	1562.	1528.	1472.	1340.	1329.	1230.	1098.	753.
L	50.0	1512.	1526.	1496.	1507.	1455.	1466.	1348.	1297.	1128.	752.
E	47.5	1488.	1515.	1502.	1478.	1579.	1519.	1448.	1335.	1156.	743.
	45.0	1656.	1670.	1698.	1667.	1628.	1575.	1540.	1359.	1158.	763.
	42.5	1646.	1689.	1685.	1637.	1668.	1740.	1554.	1354.	1140.	779.
	40.0	1686.	1763.	1755.	1777.	1845.	1801.	1542.	1327.	1083.	795.
	37.5	1916.	1945.	1937.	1888.	1892.	1726.	1495.	1289.	1044.	807.
	36.0<<	1984.	2018.	2049.	1967.	1848.	1665.	1487.	1255.	1007.	803.
	35.0	1985.	2022.	2015.	1946.	1829.	1651.	1477.	1263.	1008.	828.
	32.5	1895.	1918.	1923.	1835.	1738.	1662.	1422.	1239.	1039.	801.
	30.0	1823.	1822.	1830.	1727.	1666.	1526.	1385.	1218.	1033.	829.
	25.0	1614.	1614.	1612.	1546.	1469.	1379.	1317.	1127.	908.	884.
	20.0	1326.	1315.	1299.	1263.	1313.	1123.	1140.	1114.	1012.	951.
	15.0	1120.	1095.	1098.	1118.	1171.	1033.	1074.	999.	895.	817.
	10.0	1050.	1042.	1051.	1019.	937.	1051.	1021.	957.	947.	905.
	5.0	1153.	1143.	1139.	1117.	976.	885.	789.	853.	978.	880.
	0.0	801.	801.	801.	801.	801.	801.	801.	801.	801.	801.

||
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
VERTICAL	180.0	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	175.0	3.	3.	3.	3.	3.	2.	2.	2.	2.	2.	2.
	165.0	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
	155.0	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
	145.0	4.	3.	3.	3.	3.	3.	3.	4.	4.	4.	4.
	135.0	4.	4.	3.	3.	3.	3.	4.	4.	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.	3.	3.	3.	2.
	105.0	9.	7.	5.	4.	3.	3.	2.	2.	2.	3.	3.
	95.0	9.	8.	5.	4.	3.	3.	2.	2.	2.	2.	2.
	90.0	14.	10.	7.	5.	3.	2.	2.	2.	1.	2.	2.
	87.5	27.	13.	8.	6.	3.	2.	2.	2.	2.	2.	2.
	85.0	41.	20.	11.	7.	3.	2.	2.	2.	1.	2.	1.
	82.5	62.	38.	15.	9.	4.	2.	2.	1.	1.	1.	2.
	80.0	90.	62.	20.	11.	4.	2.	2.	1.	1.	1.	1.
	77.5	109.	93.	27.	15.	5.	3.	2.	1.	1.	1.	1.
	75.0	116.	123.	34.	21.	6.	2.	2.	1.	1.	1.	1.
	72.5	171.	164.	42.	24.	7.	3.	1.	1.	1.	1.	1.
	70.0	234.	187.	49.	28.	8.	3.	1.	1.	1.	0.	0.
	67.5	266.	193.	55.	35.	11.	4.	1.	1.	1.	0.	0.
	65.0	282.	231.	59.	45.	16.	7.	2.	1.	1.	0.	0.
	62.5	297.	295.	64.	57.	23.	11.	4.	1.	1.	0.	0.
	60.0	338.	341.	85.	74.	35.	17.	8.	4.	1.	1.	1.
	57.5	365.	381.	130.	95.	48.	21.	13.	9.	9.	6.	6.
	55.0	405.	421.	204.	113.	63.	28.	17.	13.	12.	14.	14.
	52.5	448.	485.	291.	129.	81.	36.	22.	17.	17.	18.	18.
	50.0	507.	532.	353.	147.	99.	45.	30.	21.	20.	22.	22.
	47.5	515.	558.	391.	181.	117.	57.	36.	28.	23.	26.	26.
	45.0	513.	575.	434.	215.	129.	75.	43.	36.	31.	30.	30.
	42.5	539.	594.	473.	251.	142.	97.	56.	42.	40.	40.	40.
40.0	573.	612.	497.	283.	163.	119.	73.	53.	44.	44.	44.	
37.5	609.	628.	542.	330.	185.	137.	96.	68.	56.	53.	53.	
36.0<<	628.	634.	581.	349.	198.	146.	111.	83.	63.	62.	61.	
35.0	643.	645.	594.	353.	206.	157.	123.	91.	71.	65.	65.	
32.5	657.	647.	621.	426.	225.	171.	146.	121.	103.	92.	92.	
30.0	664.	662.	588.	457.	308.	187.	164.	141.	135.	117.	117.	
25.0	680.	695.	655.	539.	427.	303.	209.	171.	172.	149.	149.	
20.0	711.	798.	625.	546.	557.	435.	338.	316.	259.	211.	210.	
15.0	775.	829.	755.	621.	541.	595.	643.	476.	453.	499.	487.	
10.0	787.	867.	747.	847.	607.	838.	594.	567.	667.	845.	835.	
5.0	779.	844.	906.	862.	753.	760.	772.	883.	895.	825.	869.	
0.0	801.	801.	801.	801.	801.	801.	801.	801.	801.	801.	801.	

CONE OF MAXIMUM CANDELA

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5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	21
5- 10	62
10- 15	98
15- 20	133
20- 25	164
25- 30	204
30- 35	243
35- 40	273
40- 45	286
45- 50	287
50- 55	285
55- 60	259
60- 65	227
65- 70	193
70- 75	140
75- 80	90
80- 85	52
85- 90	28
90- 95	16
95-100	10
100-105	8
105-110	7
110-115	7
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	83
0- 20	314
0- 30	682
0- 40	1199
0- 50	1772
0- 60	2316
0- 70	2736
0- 80	2966
0- 90	3046
0-100	3072
0-110	3087
0-120	3100
0-130	3111
0-140	3119
0-150	3125
0-160	3127
0-170	3128
0-180	3128