

REPORT NUMBER: PRORATED FROM RAB04286

PAGE: 1 OF 10

ISSUE DATE: 05/8/18

PREPARED FOR: RAB LIGHTING INC.

CATALOG NUMBER: ALED2T66Y - RWLED2T66Y - RWLED2T66SFY - WPLED2T66Y (TYPE II)

LUMINAIRE: CAST FINNED METAL HOUSING, 6 CHIP ON BOARD LIGHT EMITTING DIODES, MOLDED PLASTIC REFLECTOR WITH SPECULAR FINISH, CLEAR GLASS LENS IN CAST BRONZE PAINTED METAL FRAME.

LAMPS: SIX WHITE MULTI-CHIP LIGHT EMITTING DIODES (LEDs), 2 LEDs TILTED 63-DEGREES FROM VERTICAL BASE-UP POSITION AND CANTED 75-DEGREES FROM STRAIGHT AHEAD, 2 LEDs TILTED 67-DEGREES FROM VERTICAL BASE-UP POSITION AND CANTED 68-DEGREES FROM STRAIGHT AHEAD, 2 LEDs TILTED 58-DEGREES FROM VERTICAL BASE-UP POSITION AND CANTED 40-DEGREES FROM STRAIGHT AHEAD.

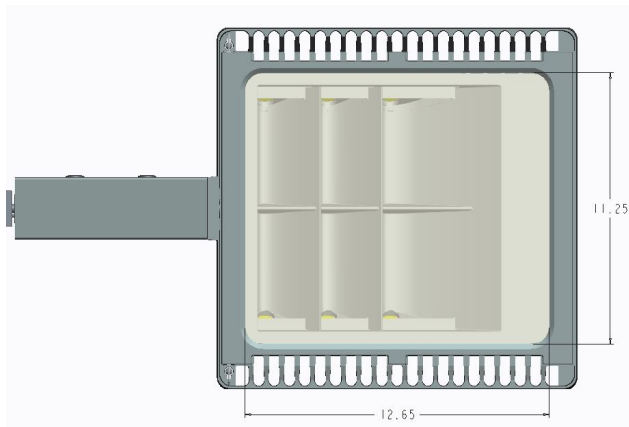
ABSOLUTE: NOTE: THIS REPORT WAS PRORATED FROM RAB04286 WHICH WAS ALED2T150Y. ACTUAL PERFORMANCE MAY VARY.

WATT: TOTAL INPUT WATTS = 66.2 W AT 120.0 VAC.

LED DRIVER: LED DRIVER: RDD-U85-A1750

PROCEDURE: TEST PROCEDURE: IESNA LM-79-08

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

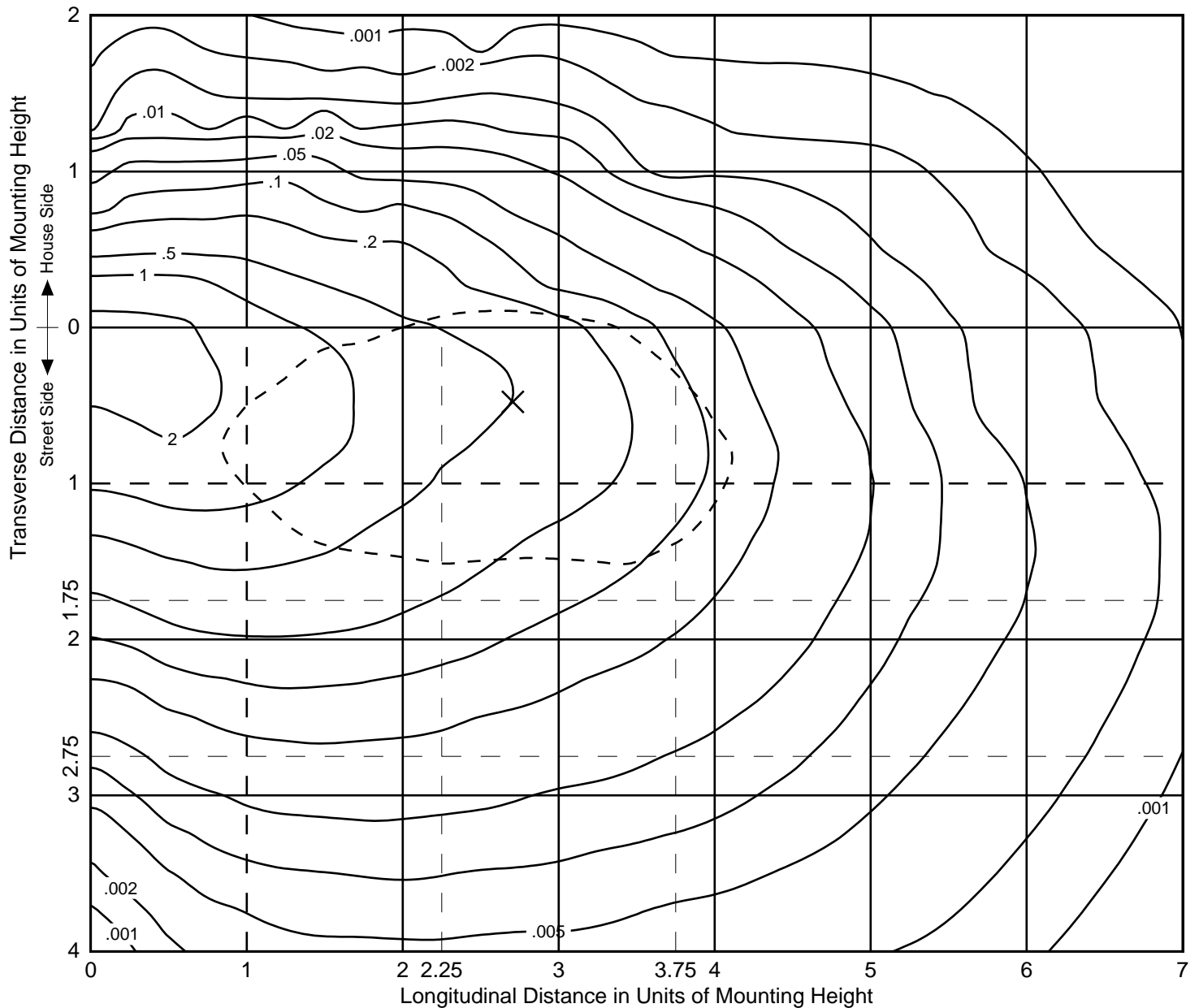
Values based on 25-foot mounting height

IES Classification: Medium, Type II

Cutoff Classification (deprecated): Semicutoff

— — — — — 1/2 Maximum Candela trace

× Maximum Candela point



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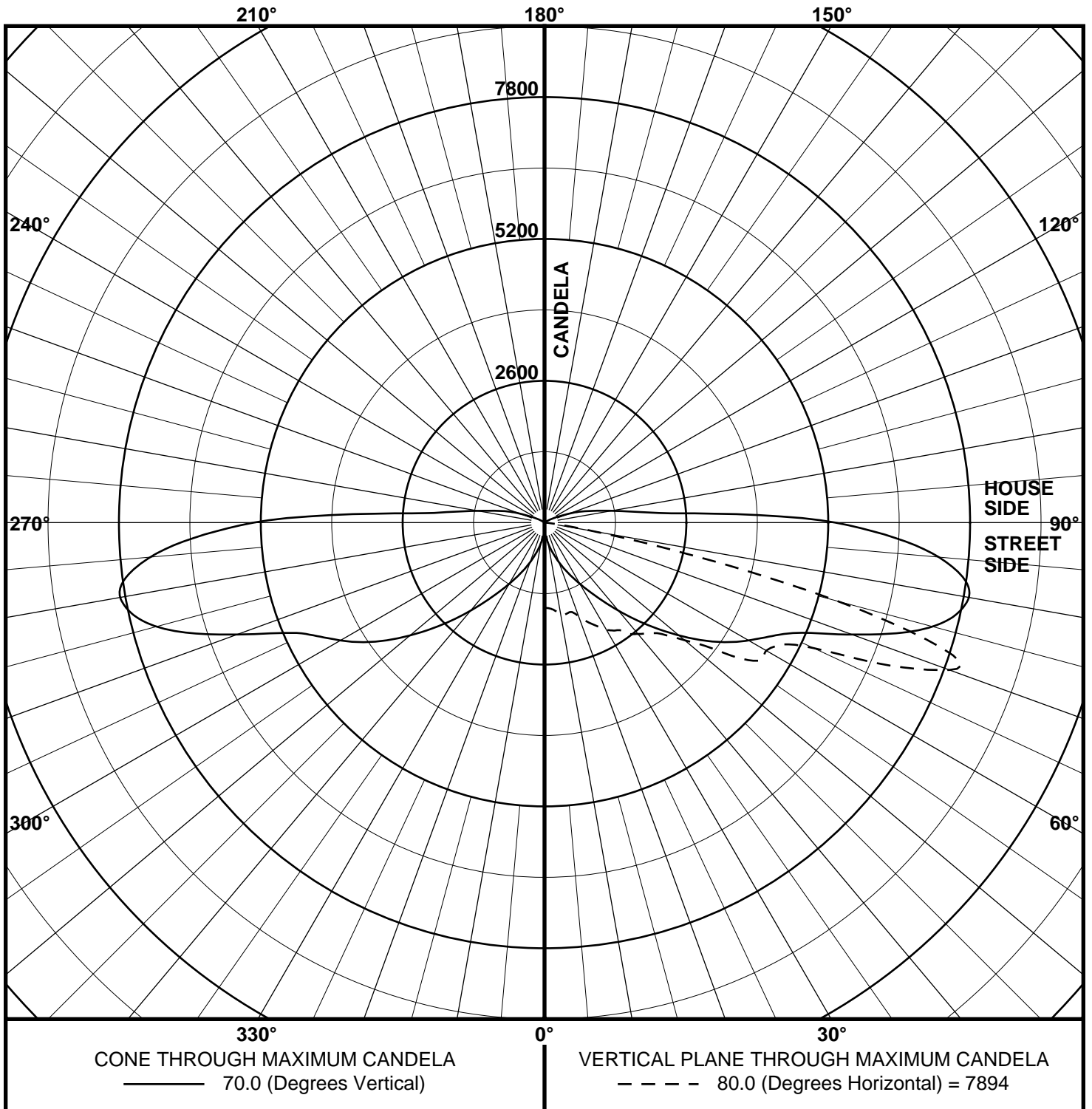
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MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA



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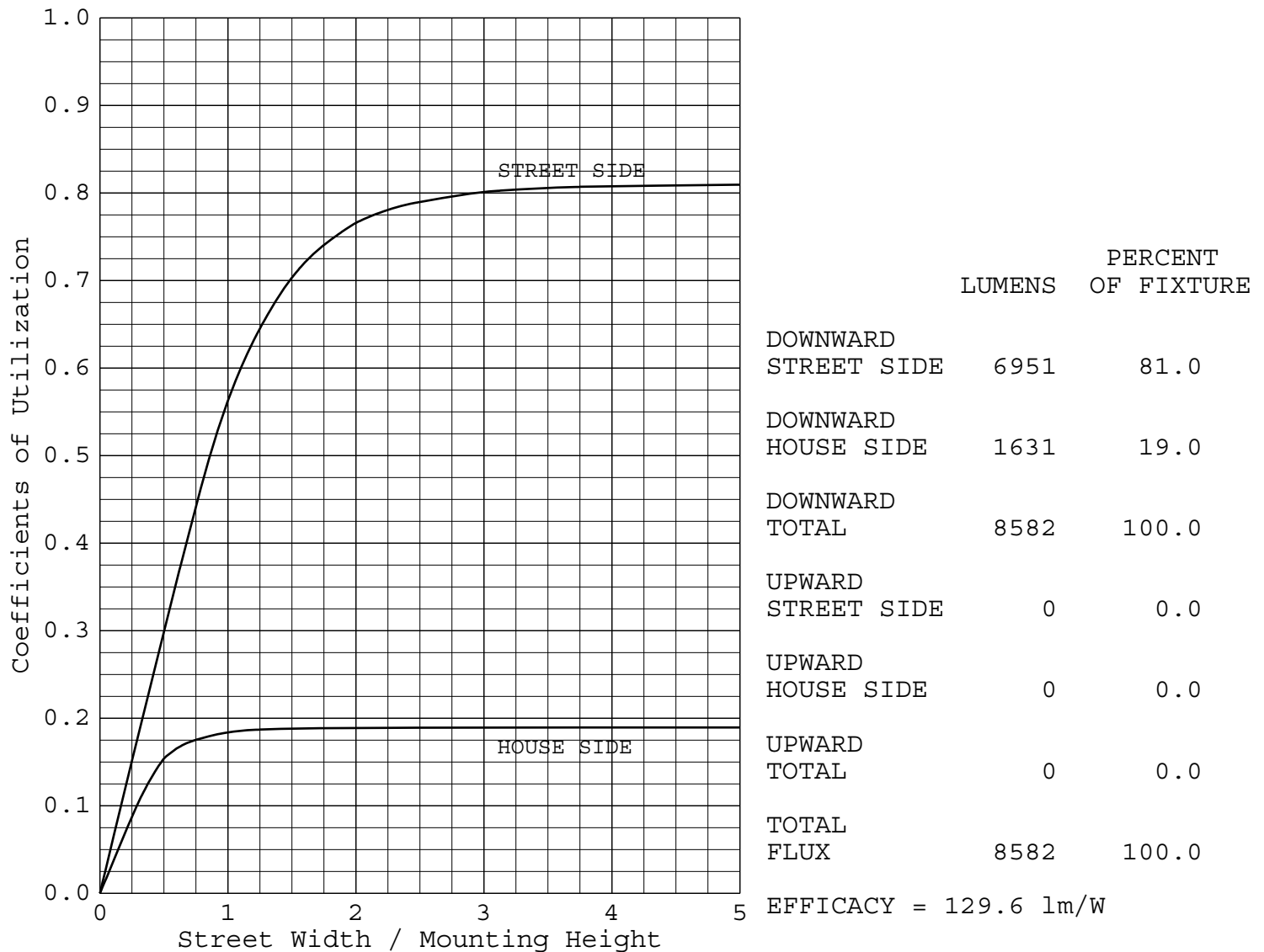
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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



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			B1 U0 G2		
Zonal Summary			Zone Ratings		
			B	U	G
Forward					
FL	(0° – 30°)	6951			
FM	(30° – 60°)	781.6			
FH	(60° – 80°)	3409.4			
FVH	(80° – 90°)	2712.8			G2
		47.3			G1
Backward					
BL	(0° – 30°)	1631			
BM	(30° – 60°)	456.4	B1		
BH	(60° – 80°)	777.1	B1		
BVH	(80° – 90°)	389.7	B1		G1
		7.5			G0
Upward					
UL	(90° – 100°)	0			
UH	(100° – 180°)	0.0		U0	
		0.0		U0	
Trapped Light					
Total Flux					
		0			
		8582			
		100.0			

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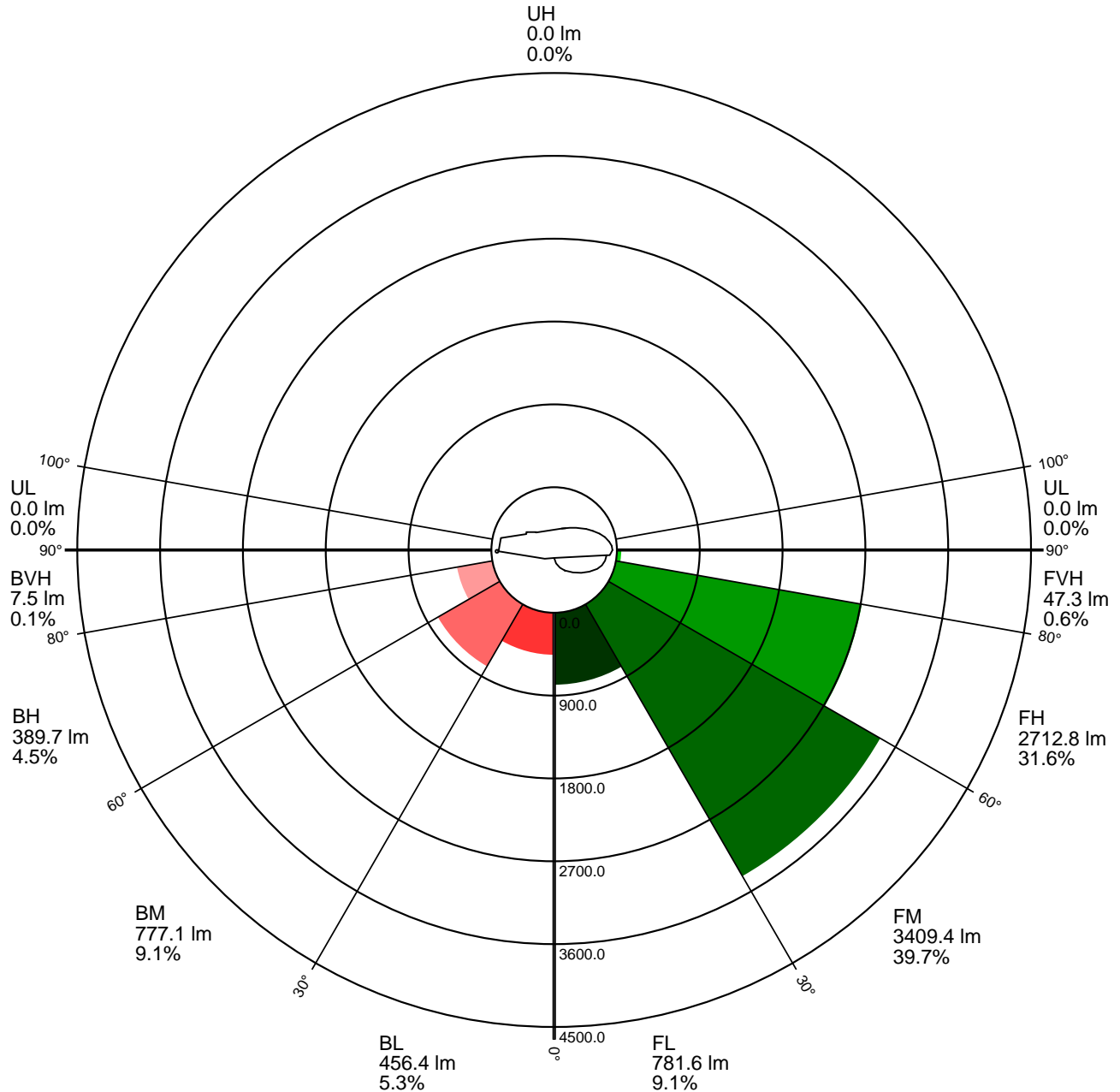
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Zonal Lumen Summary

(Linear scale)



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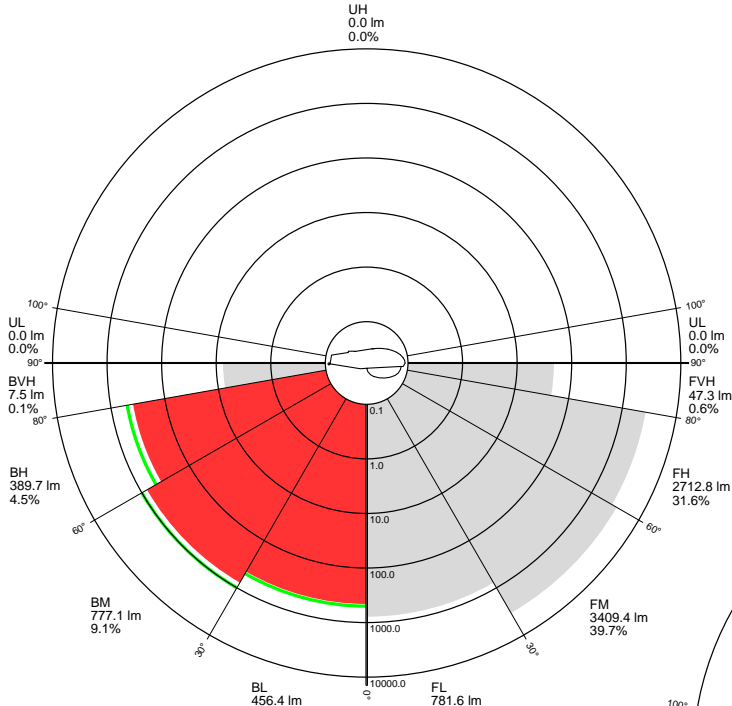
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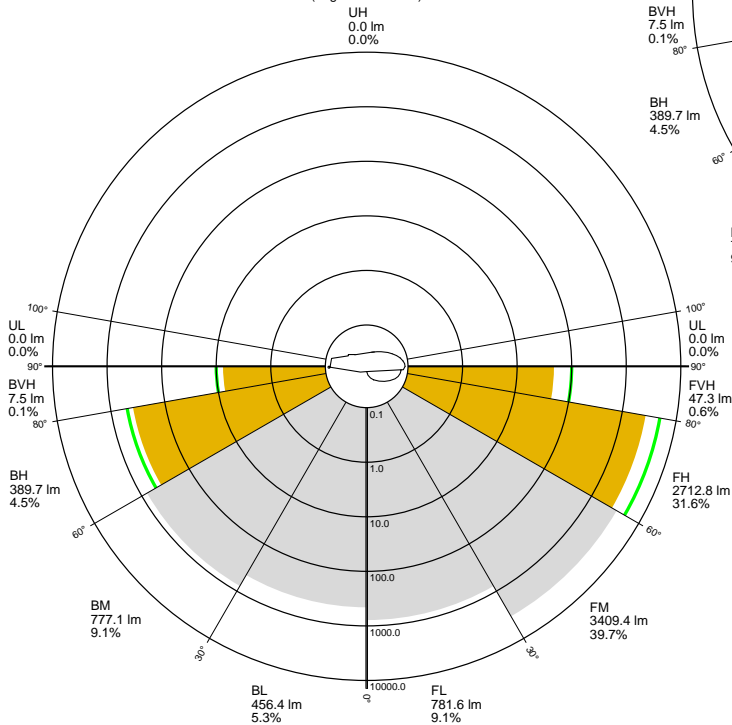
Backlight Rating Details

(Logarithmic scale)



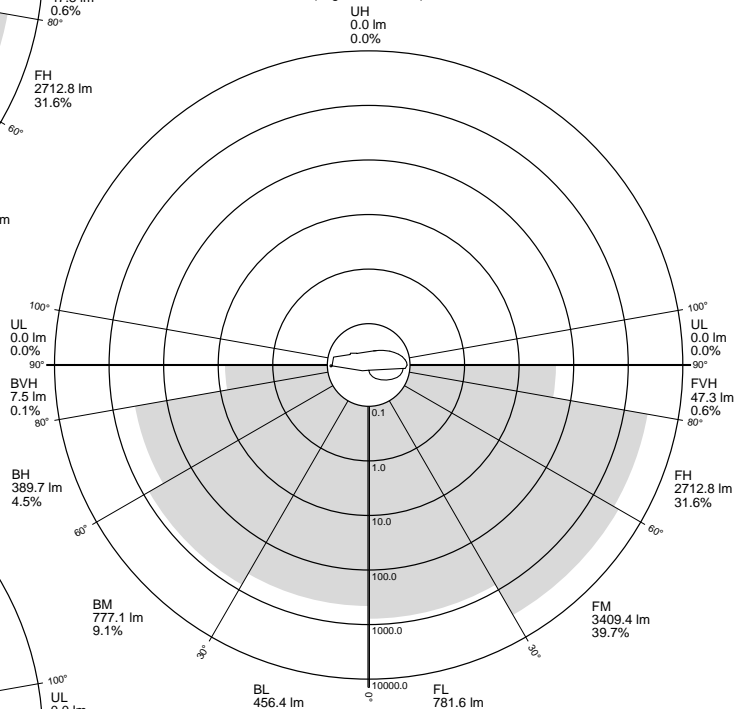
Glare Rating Details

(Logarithmic scale)



Uplight Rating Details

(Logarithmic scale)



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CANDELA TABULATION

	STREET	LATERAL ANGLE										
		SIDE	0.0	5.0	15.0	25.0	35.0	45.0	55.0	65.0	75.0	80.0
	180.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	175.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	165.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	155.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	145.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	135.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	125.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	115.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	105.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	95.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	92.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	90.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	87.5	0.	0.	1.	3.	4.	5.	7.	15.	10.	8.	6.
	85.0	2.	1.	4.	4.	6.	13.	43.	26.	29.	31.	29.
V	82.5	5.	3.	7.	10.	41.	95.	188.	234.	271.	243.	158.
E	80.0	10.	8.	35.	90.	155.	302.	670.	890.	1102.	930.	564.
R	77.5	19.	19.	117.	215.	394.	787.	1478.	2423.	2955.	2815.	1852.
T	75.0	32.	60.	229.	436.	802.	1332.	2220.	3789.	5718.	5554.	4147.
I	72.5	79.	146.	391.	722.	1203.	1965.	3079.	4265.	7227.	7632.	6313.
C	70.0<<	183.	260.	564.	1016.	1650.	2637.	3807.	4827.	7365.	7894.	7255.
A	67.5	354.	375.	782.	1349.	2141.	3277.	4141.	5423.	6168.	6842.	6536.
L	65.0	555.	547.	1050.	1722.	2647.	3718.	4468.	5676.	5717.	5441.	5313.
	62.5	739.	766.	1324.	2097.	2980.	3900.	4588.	5676.	5237.	4857.	4397.
A	60.0	905.	994.	1562.	2311.	3173.	3983.	4736.	5471.	5065.	4692.	4167.
N	57.5	1049.	1184.	1684.	2466.	3191.	3939.	4811.	5047.	4868.	4694.	4010.
G	55.0	1236.	1334.	1770.	2472.	3200.	3989.	4744.	4816.	4600.	4313.	3766.
L	52.5	1425.	1487.	1811.	2568.	3285.	4076.	4528.	4547.	4069.	3715.	3344.
E	50.0	1631.	1651.	1939.	2676.	3410.	4021.	4358.	4190.	3656.	3354.	2937.
	47.5	1787.	1826.	2102.	2777.	3415.	3777.	4056.	3813.	3290.	3066.	2806.
	45.0	1911.	1964.	2226.	2790.	3311.	3515.	3539.	3469.	3111.	2864.	2712.
	42.5	1999.	2058.	2283.	2709.	3058.	3293.	3151.	3114.	2873.	2758.	2651.
	40.0	2036.	2076.	2279.	2515.	2855.	3028.	3016.	2877.	2707.	2664.	2552.
	37.5	2005.	2020.	2243.	2357.	2609.	2855.	2831.	2773.	2631.	2574.	2443.
	35.0	1943.	1940.	2078.	2146.	2411.	2600.	2689.	2734.	2498.	2407.	2302.
	32.5	1871.	1876.	2002.	2039.	2210.	2375.	2558.	2613.	2441.	2344.	2266.
	30.0	1818.	1848.	1977.	1998.	2147.	2234.	2394.	2401.	2292.	2268.	2212.
	25.0	1730.	1752.	1818.	1909.	1893.	1975.	2046.	2052.	2049.	2048.	1988.
	20.0	1655.	1657.	1705.	1831.	1850.	1864.	1813.	1847.	1862.	1826.	1790.
	15.0	1672.	1662.	1685.	1744.	1804.	1812.	1800.	1804.	1744.	1708.	1680.
	10.0	1631.	1631.	1644.	1652.	1692.	1726.	1744.	1741.	1727.	1708.	1696.
	5.0	1598.	1600.	1605.	1605.	1610.	1603.	1602.	1600.	1611.	1594.	1583.
	0.0	1558.	1558.	1558.	1558.	1558.	1558.	1558.	1558.	1558.	1558.	1558.

||
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	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
		175.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
		165.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
		155.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
		145.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
		135.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
		125.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
		115.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
		105.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
		95.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
		92.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
		90.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
		87.5	5.	4.	5.	4.	4.	4.	3.	2.	2.	2.
		85.0	14.	9.	7.	5.	5.	5.	4.	3.	2.	2.
V		82.5	124.	53.	38.	13.	8.	6.	5.	6.	6.	5.
E		80.0	490.	265.	120.	44.	18.	6.	7.	8.	7.	6.
R		77.5	1440.	698.	117.	38.	17.	7.	7.	8.	7.	7.
T		75.0	3001.	1170.	142.	57.	17.	11.	6.	7.	7.	6.
I		72.5	4553.	1586.	569.	143.	18.	13.	7.	7.	7.	6.
C		70.0<<	5331.	2031.	828.	225.	29.	13.	7.	8.	8.	6.
A		67.5	5042.	2534.	1274.	293.	38.	15.	8.	8.	9.	6.
L		65.0	4275.	2507.	1645.	353.	94.	21.	13.	10.	9.	8.
		62.5	3754.	2528.	1388.	411.	229.	41.	17.	13.	11.	9.
A		60.0	3577.	2643.	1306.	524.	388.	60.	23.	22.	24.	13.
N		57.5	3362.	2622.	1188.	573.	481.	128.	31.	26.	32.	16.
G		55.0	3169.	2632.	1112.	623.	481.	210.	43.	30.	41.	16.
L		52.5	2904.	2591.	1237.	733.	461.	265.	111.	37.	47.	15.
E		50.0	2615.	2443.	1311.	876.	495.	275.	175.	78.	33.	18.
		47.5	2560.	2366.	1345.	912.	505.	267.	213.	133.	73.	44.
		45.0	2541.	2301.	1401.	908.	519.	304.	219.	174.	144.	79.
	42.5	2485.	2231.	1489.	927.	538.	345.	211.	181.	159.	104.	
	40.0	2396.	2144.	1632.	974.	585.	379.	245.	174.	152.	109.	
	37.5	2311.	2098.	1748.	1029.	655.	418.	296.	205.	136.	109.	
	35.0	2177.	2080.	1752.	1107.	706.	483.	332.	260.	164.	128.	
	32.5	2153.	2088.	1774.	1181.	779.	541.	379.	299.	208.	164.	
	30.0	2098.	2041.	1733.	1256.	875.	594.	426.	326.	235.	212.	
	25.0	1937.	1884.	1651.	1421.	1021.	762.	551.	411.	333.	310.	
	20.0	1768.	1747.	1580.	1399.	1199.	960.	783.	627.	539.	512.	
	15.0	1665.	1661.	1577.	1471.	1369.	1255.	1102.	948.	874.	866.	
	10.0	1675.	1671.	1615.	1552.	1468.	1390.	1308.	1235.	1200.	1165.	
	5.0	1567.	1560.	1542.	1529.	1510.	1475.	1452.	1446.	1427.	1418.	
	0.0	1558.	1558.	1558.	1558.	1558.	1558.	1558.	1558.	1558.	1558.	

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5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	37
5- 10	110
10- 15	181
15- 20	239
20- 25	299
25- 30	372
30- 35	455
35- 40	546
40- 45	647
45- 50	756
50- 55	850
55- 60	933
60- 65	971
65- 70	974
70- 75	802
75- 80	355
80- 85	52
85- 90	3
90- 95	0
95-100	0
100-105	0
105-110	0
110-115	0
115-120	0
120-125	0
125-130	0
130-135	0
135-140	0
140-145	0
145-150	0
150-155	0
155-160	0
160-165	0
165-170	0
170-175	0
175-180	0

10-DEGREE
ZONAL LUMEN SUMMARY

0- 10	147
0- 20	567
0- 30	1238
0- 40	2238
0- 50	3641
0- 60	5424
0- 70	7370
0- 80	8527
0- 90	8582
0-100	8582
0-110	8582
0-120	8582
0-130	8582
0-140	8582
0-150	8582
0-160	8582
0-170	8582
0-180	8582