

REPORT NUMBER: PRORATED FROM RAB04286

PAGE: 1 OF 10

ISSUE DATE: 05/8/18

PREPARED FOR: RAB LIGHTING INC.

CATALOG NUMBER: ALED2T66 - RWLED2T66 - RWLED2T66SF - WPLED2T66 (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.

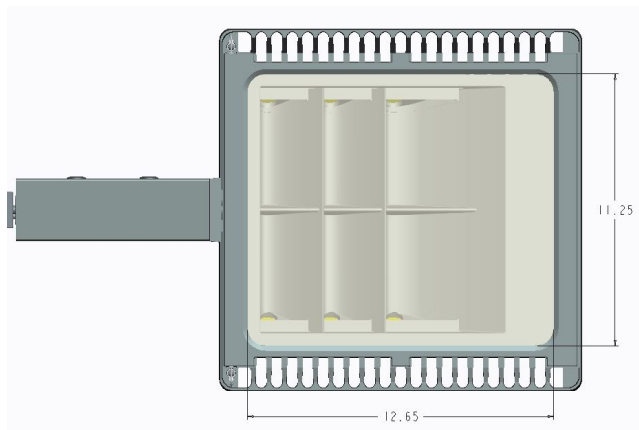
ABSOLUTE: NOTE: THIS REPORT WAS PRORATED FROM RAB04286 WHICH WAS ALED2T150Y. ACTUAL PERFORMANCE MAY VARY.

WATT: TOTAL INPUT WATTS = 66.1 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

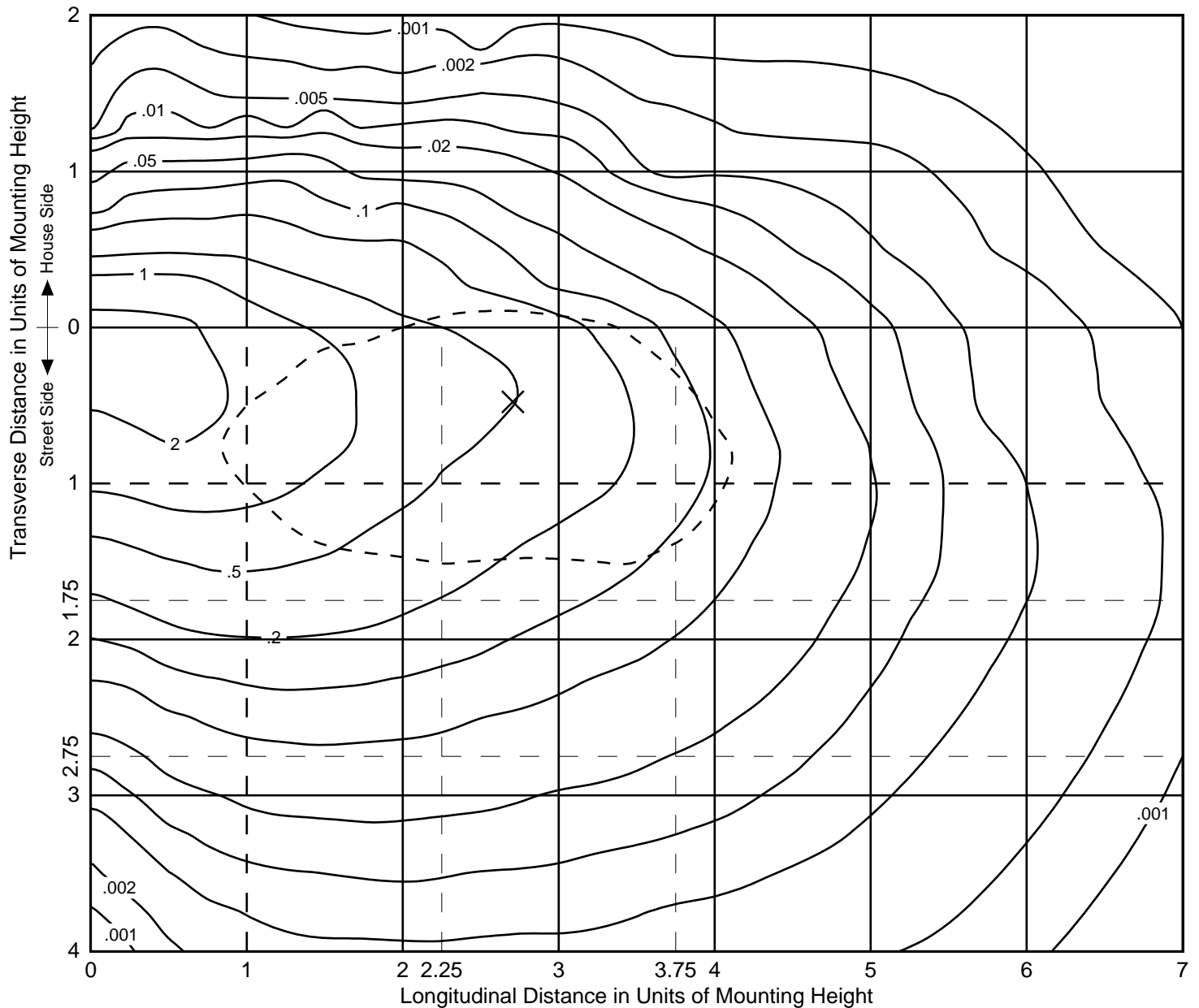
Values based on 25-foot mounting height

IES Classification: Medium, Type II

Cutoff Classification (deprecated): Semicutoff

— — — — — 1/2 Maximum Candela trace

× Maximum Candela point



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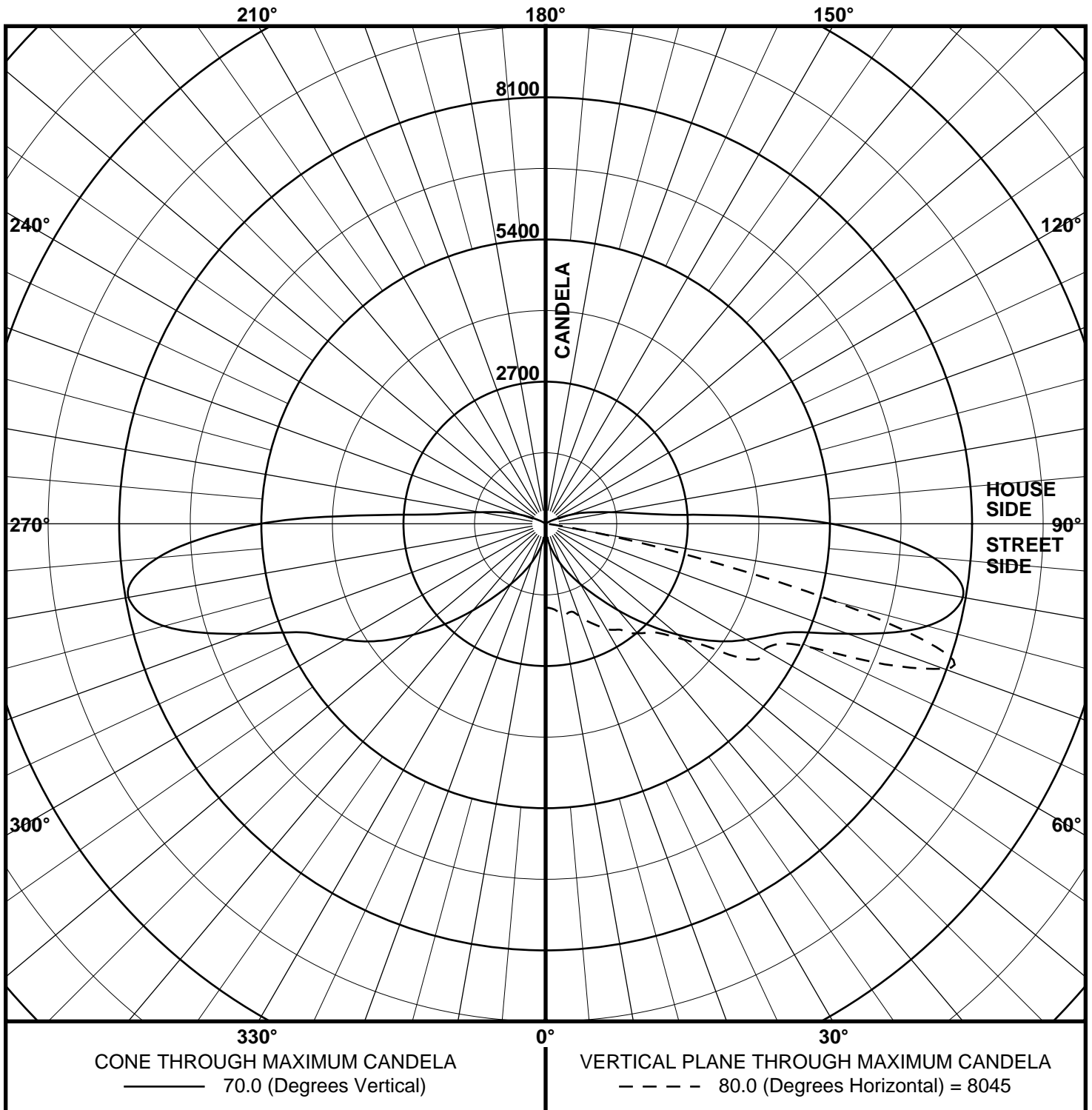
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MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA



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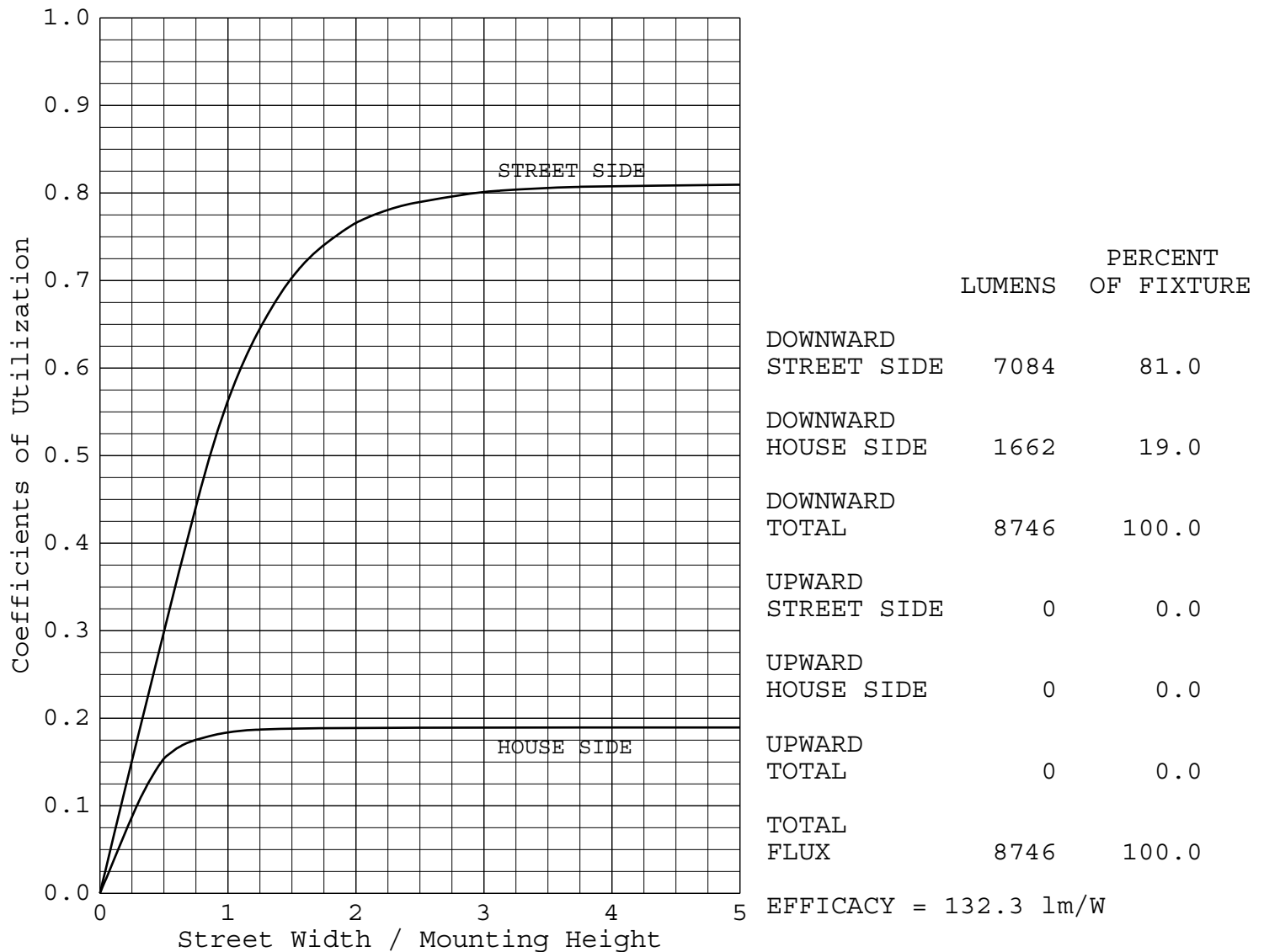
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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



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°)	7084			
FM	(30° – 60°)	796.5			
FH	(60° – 80°)	3474.5			
FVH	(80° – 90°)	2764.7			G2
		48.2			G1
Backward					
BL	(0° – 30°)	1662			
BM	(30° – 60°)	465.1	B1		
BH	(60° – 80°)	792.0	B1		
BVH	(80° – 90°)	397.2	B1		G1
		7.6			G0
Upward					
UL	(90° – 100°)	0		U0	
UH	(100° – 180°)	0.0		U0	
Trapped Light					
Total Flux					
		0			
		8746			
		100.0			

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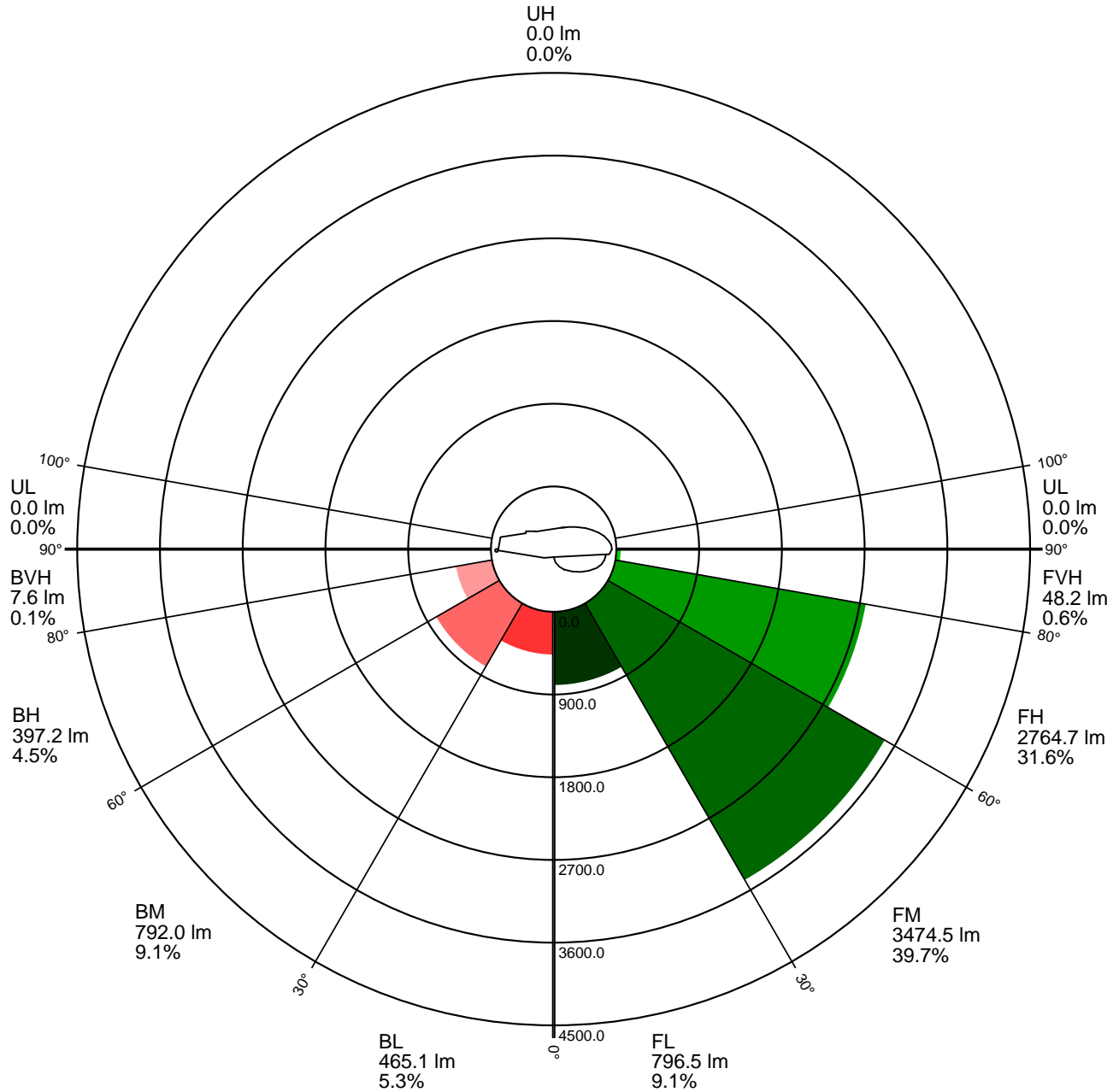
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Zonal Lumen Summary

(Linear scale)



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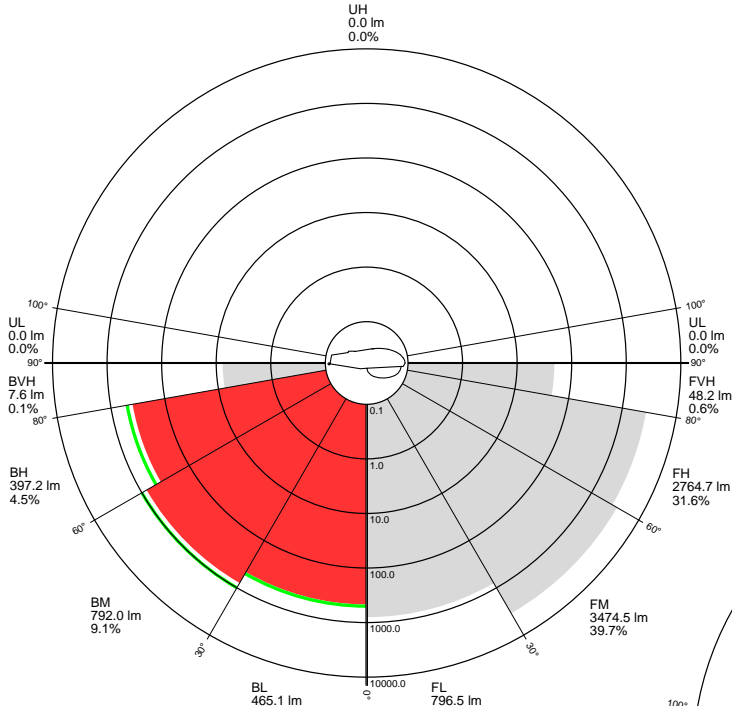
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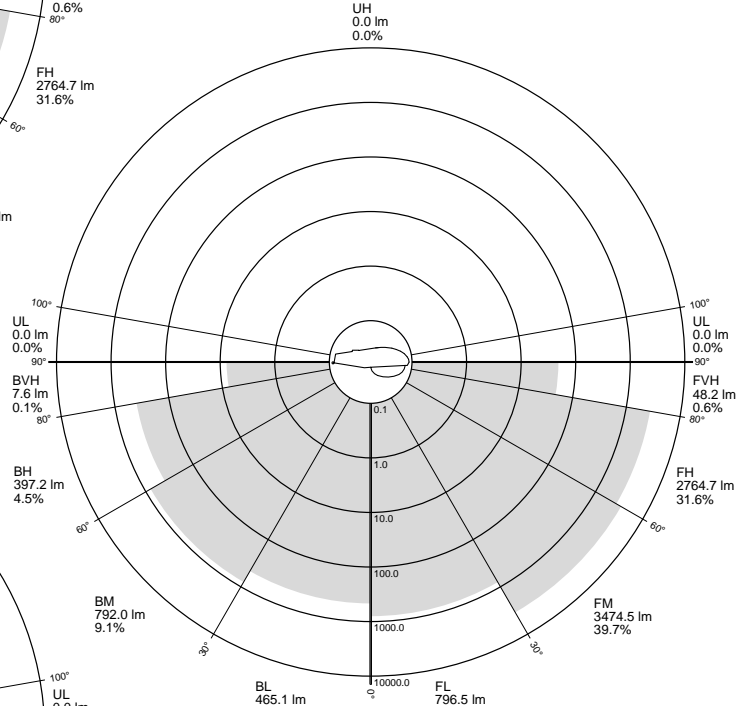
Backlight Rating Details

(Logarithmic scale)



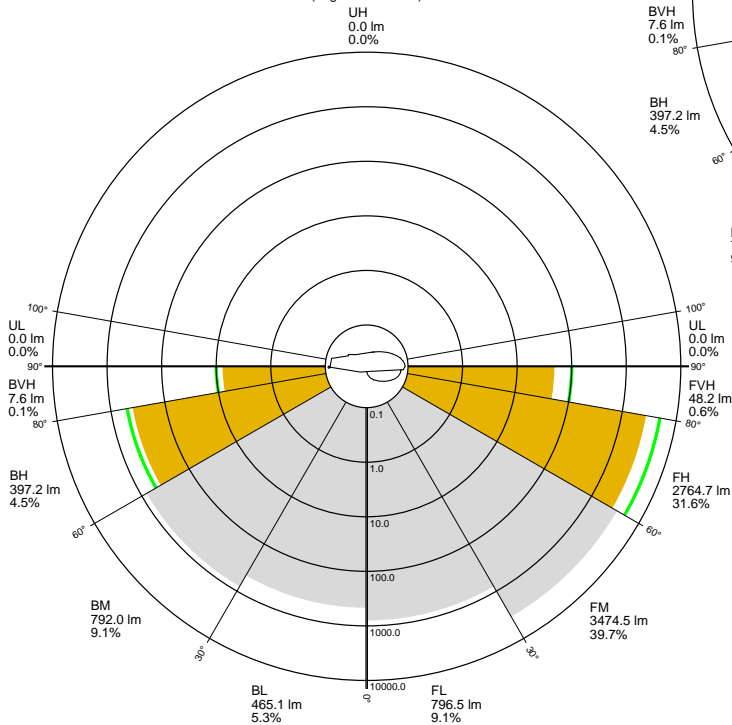
Uplight Rating Details

(Logarithmic scale)



Glare Rating Details

(Logarithmic scale)



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CANDELA TABULATION											
	STREET SIDE			LATERAL ANGLE							
	0.0	5.0	15.0	25.0	35.0	45.0	55.0	65.0	75.0	80.0	85.0
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.	5.	5.	7.	16.	10.	8.	6.
85.0	2.	1.	4.	4.	6.	13.	44.	26.	30.	32.	30.
V 82.5	5.	3.	7.	11.	42.	97.	192.	238.	276.	247.	161.
E 80.0	11.	8.	36.	92.	158.	308.	683.	907.	1123.	948.	574.
R 77.5	19.	20.	120.	219.	401.	802.	1507.	2469.	3012.	2868.	1887.
T 75.0	33.	62.	233.	444.	817.	1358.	2262.	3861.	5827.	5660.	4226.
I 72.5	80.	149.	399.	736.	1226.	2002.	3138.	4347.	7365.	7778.	6434.
C 70.0<<	187.	265.	574.	1036.	1682.	2688.	3880.	4919.	7506.	8045.	7394.
A 67.5	361.	382.	797.	1375.	2182.	3340.	4220.	5527.	6286.	6973.	6661.
L 65.0	565.	558.	1070.	1754.	2698.	3789.	4554.	5785.	5826.	5545.	5414.
62.5	753.	781.	1350.	2138.	3037.	3974.	4676.	5785.	5337.	4950.	4481.
A 60.0	922.	1013.	1592.	2355.	3234.	4059.	4827.	5576.	5162.	4782.	4247.
N 57.5	1069.	1206.	1717.	2513.	3252.	4014.	4903.	5143.	4961.	4784.	4087.
G 55.0	1260.	1360.	1804.	2520.	3262.	4065.	4835.	4908.	4688.	4396.	3838.
L 52.5	1452.	1515.	1845.	2617.	3348.	4154.	4614.	4634.	4147.	3786.	3408.
E 50.0	1662.	1682.	1976.	2727.	3476.	4098.	4442.	4271.	3725.	3418.	2993.
47.5	1822.	1861.	2143.	2830.	3480.	3849.	4133.	3886.	3352.	3125.	2859.
45.0	1947.	2001.	2269.	2844.	3375.	3582.	3607.	3535.	3171.	2919.	2763.
42.5	2038.	2098.	2327.	2761.	3117.	3356.	3211.	3173.	2928.	2811.	2701.
40.0	2075.	2115.	2322.	2563.	2909.	3086.	3073.	2932.	2759.	2715.	2601.
37.5	2043.	2058.	2286.	2402.	2658.	2909.	2885.	2826.	2682.	2623.	2490.
35.0	1980.	1977.	2117.	2187.	2457.	2649.	2740.	2786.	2546.	2453.	2346.
32.5	1907.	1912.	2040.	2078.	2252.	2420.	2607.	2663.	2487.	2389.	2309.
30.0	1853.	1883.	2015.	2036.	2188.	2276.	2440.	2447.	2336.	2311.	2254.
25.0	1763.	1786.	1853.	1945.	1929.	2012.	2085.	2091.	2088.	2087.	2026.
20.0	1687.	1689.	1738.	1866.	1886.	1899.	1848.	1882.	1898.	1860.	1824.
15.0	1704.	1694.	1717.	1777.	1839.	1847.	1835.	1839.	1777.	1741.	1712.
10.0	1662.	1662.	1676.	1683.	1724.	1759.	1778.	1775.	1760.	1741.	1728.
5.0	1628.	1631.	1636.	1636.	1641.	1634.	1633.	1631.	1642.	1625.	1613.
0.0	1588.	1588.	1588.	1588.	1588.	1588.	1588.	1588.	1588.	1588.	1588.
										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.	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	5.	5.	5.	4.	4.	4.	3.	2.	2.	2.	2.
	85.0	15.	10.	7.	5.	5.	5.	4.	3.	2.	2.	2.
V	82.5	126.	54.	38.	13.	8.	6.	5.	6.	6.	5.	5.
E	80.0	499.	270.	122.	45.	18.	6.	7.	8.	7.	6.	5.
R	77.5	1468.	711.	119.	39.	18.	7.	7.	8.	7.	7.	6.
T	75.0	3058.	1192.	145.	58.	17.	11.	6.	7.	7.	6.	6.
I	72.5	4640.	1616.	580.	146.	19.	13.	7.	7.	7.	6.	6.
C	70.0<<	5433.	2070.	844.	230.	29.	13.	7.	8.	8.	6.	6.
A	67.5	5139.	2582.	1298.	298.	39.	15.	8.	8.	9.	6.	6.
L	65.0	4356.	2555.	1676.	360.	96.	21.	13.	10.	10.	8.	6.
	62.5	3825.	2576.	1415.	419.	233.	42.	18.	13.	11.	10.	8.
A	60.0	3645.	2693.	1331.	534.	395.	61.	24.	22.	24.	14.	9.
N	57.5	3426.	2673.	1210.	584.	490.	131.	32.	26.	32.	16.	9.
G	55.0	3230.	2683.	1133.	635.	490.	214.	44.	31.	42.	16.	11.
L	52.5	2959.	2641.	1261.	747.	470.	270.	113.	38.	48.	16.	12.
E	50.0	2665.	2490.	1336.	893.	504.	280.	179.	79.	34.	19.	15.
	47.5	2609.	2411.	1371.	930.	515.	273.	217.	136.	74.	45.	35.
	45.0	2589.	2345.	1428.	925.	529.	310.	223.	178.	147.	81.	65.
	42.5	2532.	2274.	1517.	945.	548.	352.	215.	184.	163.	106.	86.
	40.0	2442.	2185.	1663.	993.	596.	386.	249.	177.	155.	111.	94.
	37.5	2355.	2138.	1781.	1049.	667.	426.	301.	209.	138.	111.	98.
	35.0	2219.	2120.	1785.	1128.	719.	492.	338.	265.	168.	130.	117.
	32.5	2194.	2128.	1807.	1204.	794.	551.	386.	305.	212.	168.	152.
	30.0	2138.	2080.	1766.	1280.	892.	605.	435.	332.	240.	216.	204.
	25.0	1974.	1920.	1682.	1449.	1040.	777.	562.	419.	340.	315.	305.
	20.0	1802.	1780.	1610.	1426.	1222.	978.	798.	639.	549.	522.	503.
	15.0	1697.	1693.	1607.	1499.	1396.	1279.	1123.	967.	890.	883.	857.
	10.0	1707.	1703.	1646.	1582.	1497.	1417.	1333.	1258.	1223.	1187.	1176.
	5.0	1597.	1590.	1571.	1558.	1539.	1503.	1480.	1473.	1454.	1445.	1432.
	0.0	1588.	1588.	1588.	1588.	1588.	1588.	1588.	1588.	1588.	1588.	1588.

CONE OF MAXIMUM CANDELA

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5-DEGREE ZONAL LUMEN SUMMARY

0- 5	38
5- 10	112
10- 15	185
15- 20	243
20- 25	304
25- 30	379
30- 35	463
35- 40	556
40- 45	659
45- 50	770
50- 55	867
55- 60	951
60- 65	989
65- 70	993
70- 75	817
75- 80	362
80- 85	53
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	150
0- 20	578
0- 30	1262
0- 40	2281
0- 50	3711
0- 60	5528
0- 70	7511
0- 80	8690
0- 90	8746
0-100	8746
0-110	8746
0-120	8746
0-130	8746
0-140	8746
0-150	8746
0-160	8746
0-170	8746
0-180	8746