

REPORT NUMBER: PRORATED FROM RAB04363

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ISSUE DATE: 05/09/18

PREPARED FOR: RAB LIGHTING INC.

CATALOG NUMBER: ALED2T66Y/480 - RWLED2T66Y/480 - RWLED2T66SFY/480 -
WPLED2T66Y/480 (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.

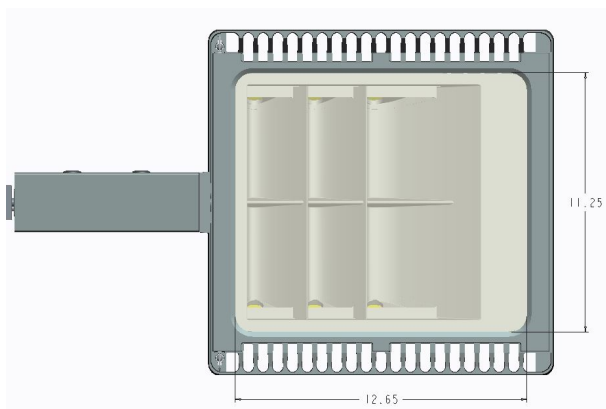
ABSOLUTE: NOTE: THIS REPORT WAS PRORATED FROM RAB04363 WHICH WAS
ALED2T125Y/480. ACTUAL PERFORMANCE MAY VARY.

WATT: TOTAL INPUT WATTS = 66.8 W AT 480.0 VAC.

LED DRIVER: LED DRIVER: RD-H065-A1810-480

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

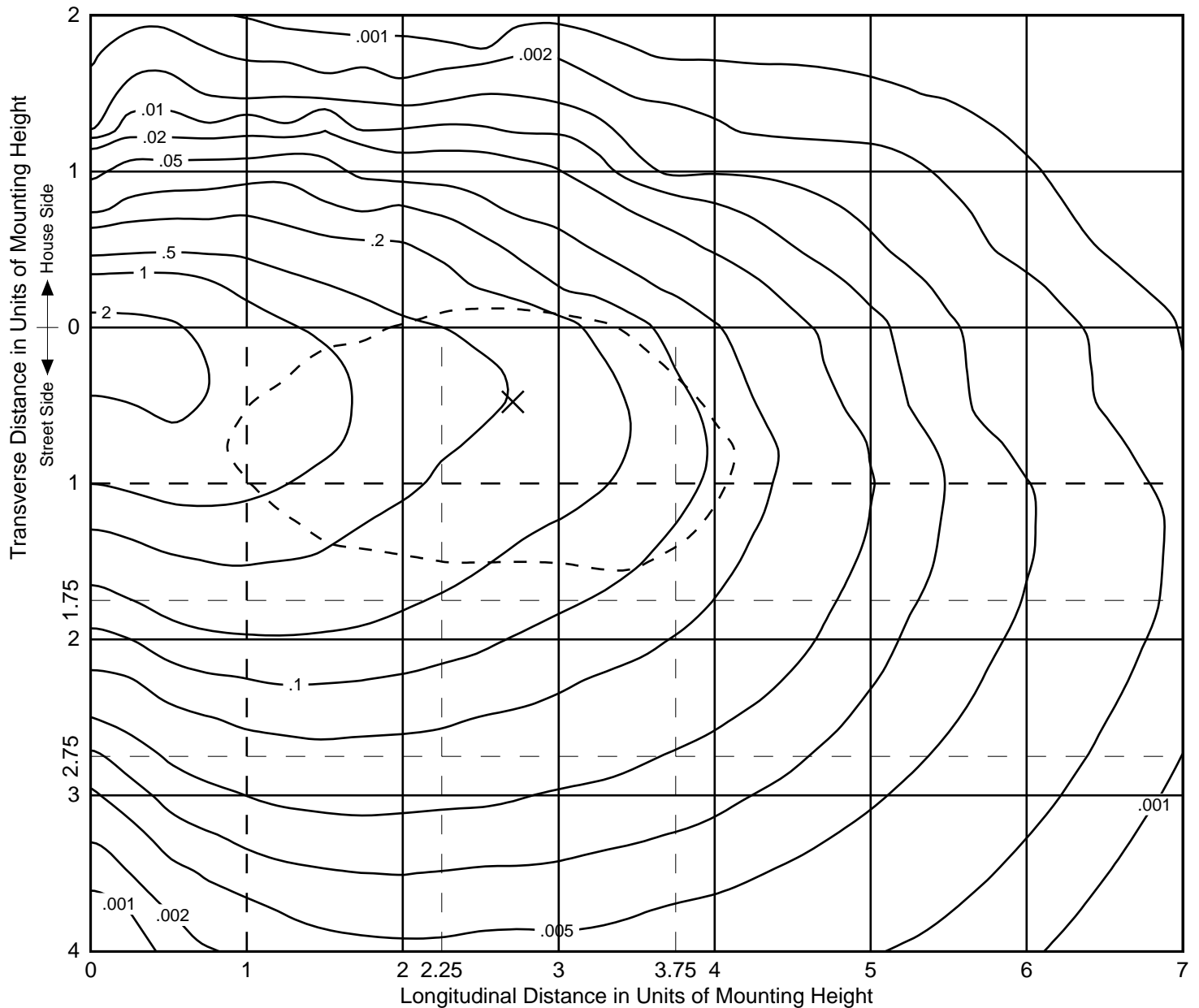
Values based on 25-foot mounting height

IES Classification: Medium, Type II

Cutoff Classification (deprecated): Semicutoff

--- 1/2 Maximum Candela trace

× Maximum Candela point



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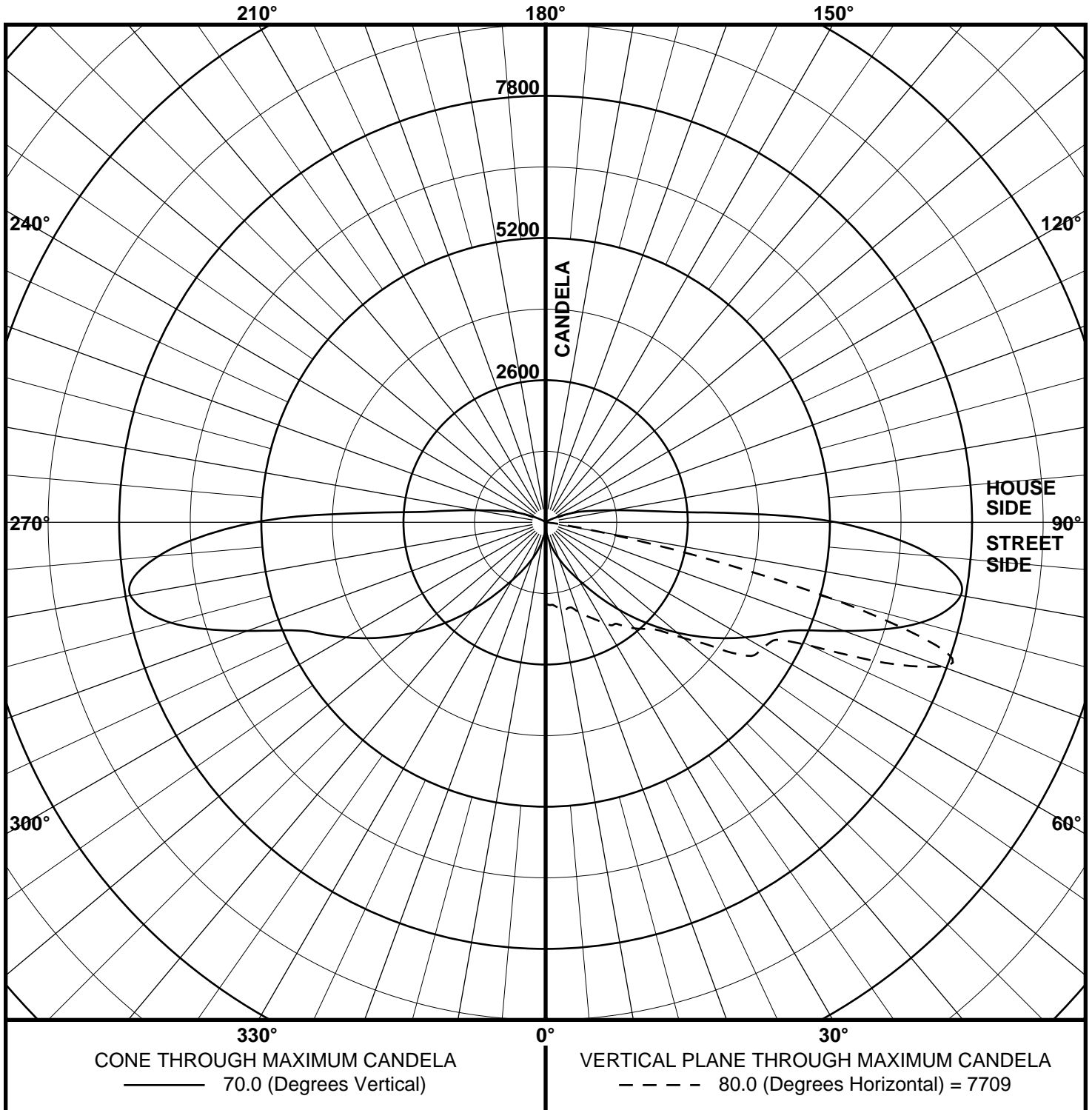
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MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA



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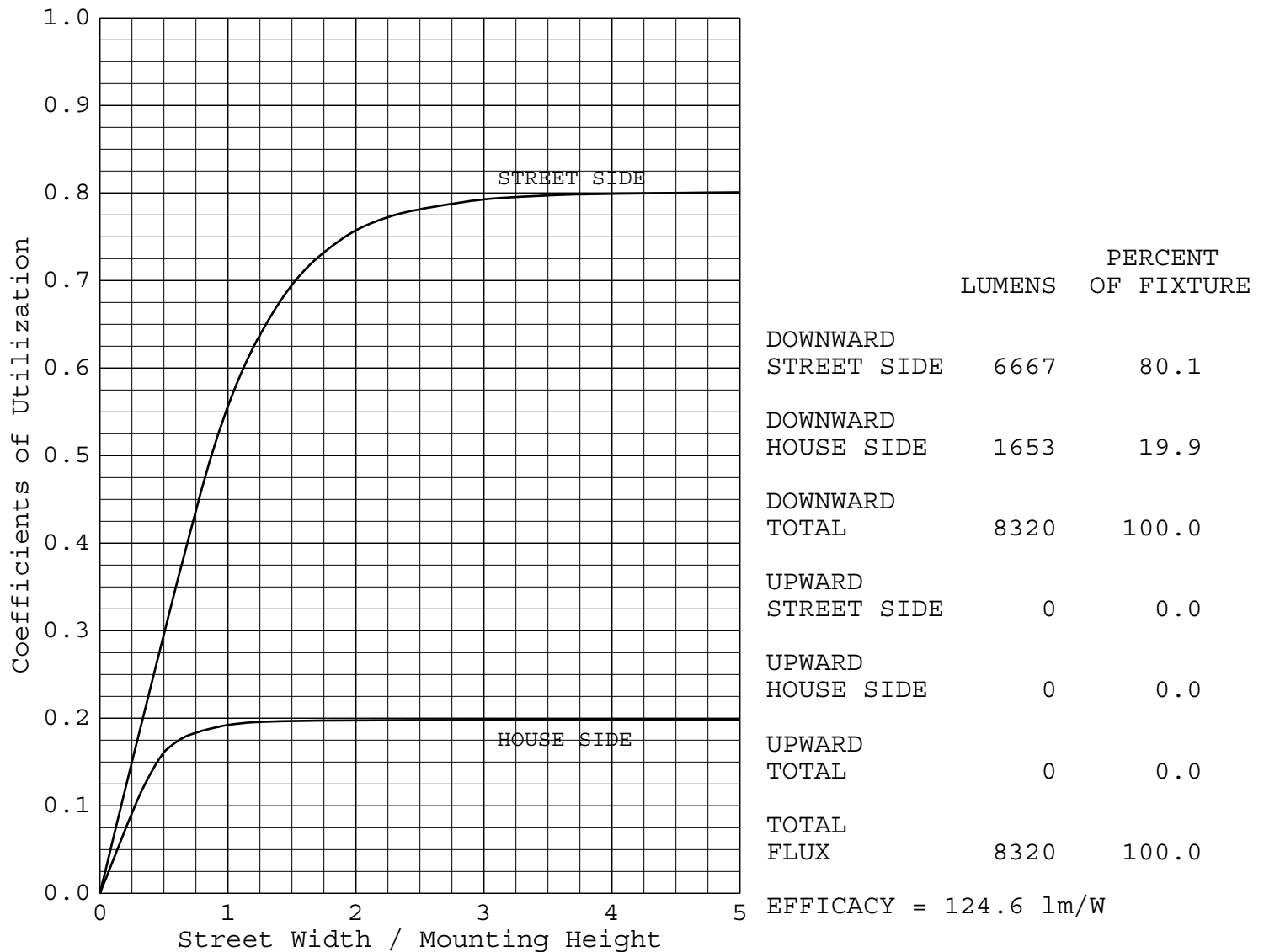
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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



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°)	6667			
FM	(30° – 60°)	739.2			
FH	(60° – 80°)	3243.1			
FVH	(80° – 90°)	2637.2			G2
		47.3			G1
Backward					
BL	(0° – 30°)	1653			
BM	(30° – 60°)	461.4	B1		
BH	(60° – 80°)	786.3	B1		
BVH	(80° – 90°)	398.1	B1		G1
		7.2			G0
Upward					
UL	(90° – 100°)	0			
UH	(100° – 180°)	0.0		U0	
		0.0		U0	
Trapped Light					
Total Flux					
		8320			
		100.0			

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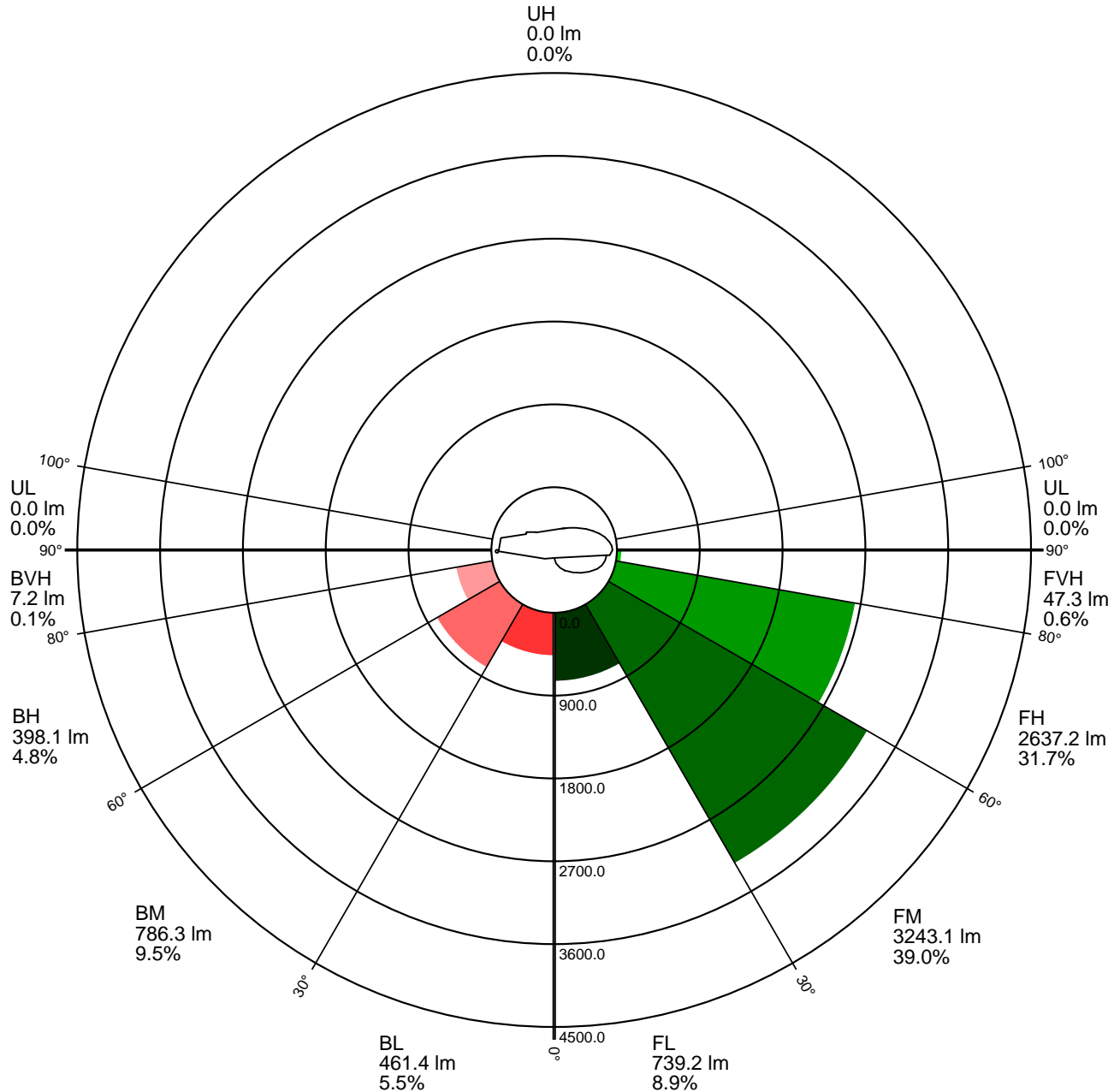
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Zonal Lumen Summary

(Linear scale)



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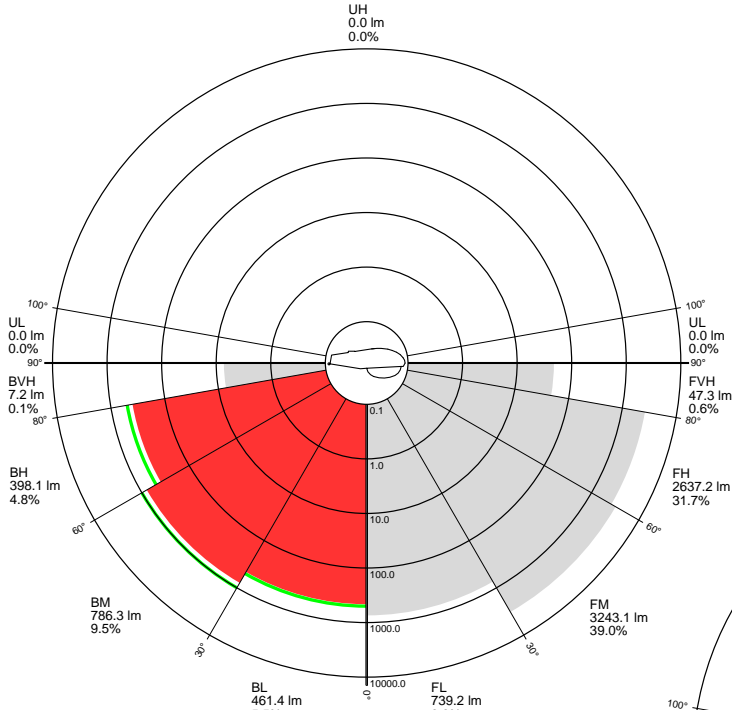
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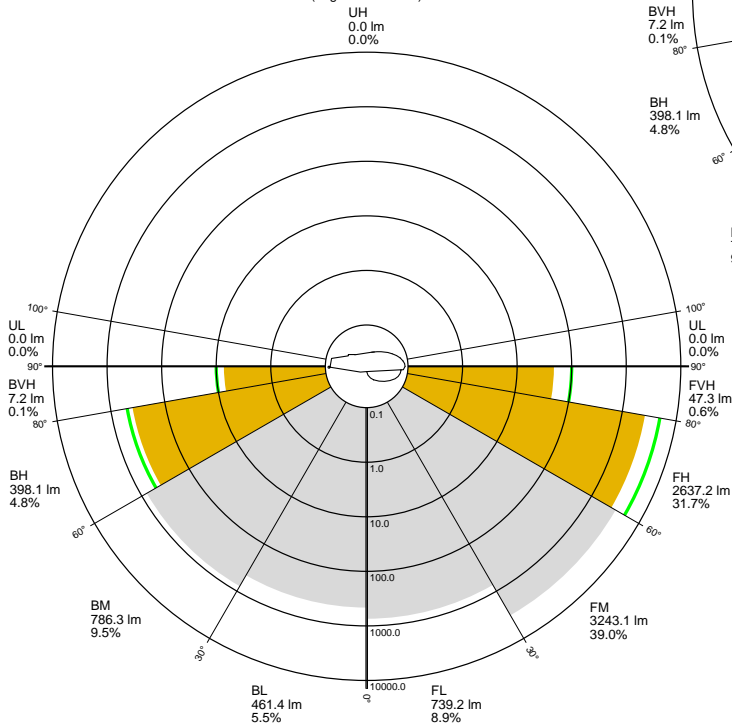
Backlight Rating Details

(Logarithmic scale)



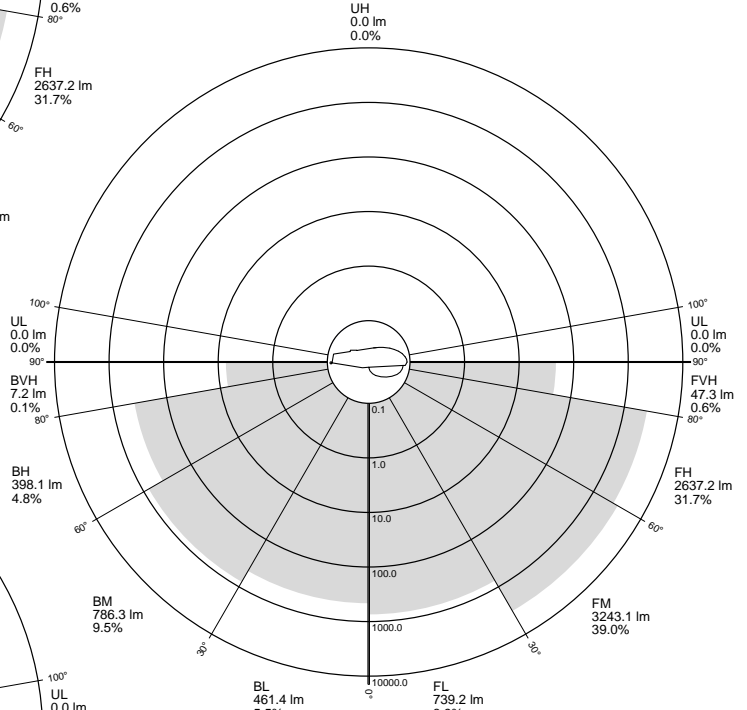
Glare Rating Details

(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.	2.	4.	5.	7.	15.	8.	11.	6.
	85.0	2.	1.	3.	4.	6.	12.	42.	24.	30.	36.	27.
V	82.5	5.	3.	6.	10.	36.	106.	183.	226.	289.	248.	157.
E	80.0	10.	7.	16.	83.	162.	310.	642.	924.	1060.	983.	544.
R	77.5	16.	15.	71.	220.	377.	793.	1458.	2471.	2900.	2823.	1748.
T	75.0	25.	41.	183.	418.	745.	1340.	2241.	3835.	5583.	5486.	3953.
I	72.5	59.	108.	341.	674.	1139.	1939.	3103.	4220.	7090.	7497.	6046.
C	70.0<<	130.	209.	510.	940.	1610.	2604.	3677.	4737.	7096.	7709.	7113.
A	67.5	286.	320.	701.	1291.	2119.	3207.	3992.	5259.	6028.	6719.	6434.
L	65.0	465.	479.	980.	1674.	2604.	3587.	4266.	5409.	5456.	5344.	5350.
	62.5	623.	673.	1259.	2015.	2863.	3746.	4454.	5395.	5138.	4686.	4295.
A	60.0	776.	879.	1459.	2175.	3007.	3758.	4531.	5343.	5064.	4590.	4115.
N	57.5	940.	1052.	1579.	2294.	3012.	3728.	4567.	4941.	4821.	4524.	3909.
G	55.0	1127.	1206.	1611.	2302.	2985.	3806.	4516.	4721.	4414.	4160.	3690.
L	52.5	1323.	1377.	1706.	2385.	3135.	3875.	4330.	4403.	3870.	3638.	3189.
E	50.0	1504.	1534.	1834.	2537.	3232.	3834.	4213.	4091.	3476.	3292.	2832.
	47.5	1668.	1701.	2002.	2618.	3211.	3589.	3932.	3671.	3214.	2982.	2708.
	45.0	1778.	1831.	2114.	2639.	3107.	3319.	3388.	3330.	3034.	2763.	2589.
	42.5	1859.	1918.	2158.	2545.	2874.	3104.	3039.	2976.	2812.	2643.	2528.
	40.0	1891.	1924.	2130.	2361.	2678.	2914.	2859.	2723.	2625.	2532.	2424.
	37.5	1861.	1873.	2080.	2208.	2469.	2704.	2669.	2588.	2531.	2404.	2276.
	35.0	1778.	1783.	1944.	2033.	2249.	2405.	2505.	2561.	2399.	2268.	2149.
	32.5	1721.	1731.	1870.	1897.	2050.	2199.	2356.	2457.	2338.	2233.	2149.
	30.0	1687.	1712.	1826.	1852.	1988.	2080.	2216.	2270.	2178.	2129.	2094.
	25.0	1629.	1634.	1696.	1783.	1761.	1839.	1949.	1969.	1943.	1917.	1896.
	20.0	1553.	1558.	1604.	1730.	1751.	1768.	1739.	1762.	1749.	1740.	1691.
	15.0	1601.	1592.	1609.	1668.	1730.	1735.	1718.	1699.	1663.	1618.	1604.
	10.0	1554.	1558.	1570.	1580.	1602.	1634.	1667.	1668.	1652.	1638.	1623.
	5.0	1523.	1525.	1532.	1529.	1530.	1526.	1524.	1520.	1530.	1516.	1513.
	0.0	1492.	1492.	1492.	1492.	1492.	1492.	1492.	1492.	1492.	1492.	1492.

||
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.	3.	3.	3.	2.	2.	1.
	85.0	16.	9.	6.	5.	4.	4.	4.	3.	2.	2.
V	82.5	118.	39.	38.	11.	7.	5.	4.	5.	5.	4.
E	80.0	489.	276.	117.	41.	18.	6.	6.	7.	6.	5.
R	77.5	1422.	735.	118.	37.	17.	6.	6.	6.	6.	5.
T	75.0	2877.	1245.	164.	52.	18.	10.	5.	6.	6.	5.
I	72.5	4487.	1732.	638.	145.	21.	11.	5.	6.	6.	5.
C	70.0<<	5321.	2215.	800.	219.	23.	12.	6.	7.	7.	5.
A	67.5	5124.	2685.	1248.	255.	38.	15.	8.	7.	7.	6.
L	65.0	4390.	2613.	1638.	321.	92.	19.	11.	9.	9.	7.
	62.5	3776.	2582.	1402.	417.	248.	49.	15.	13.	12.	9.
A	60.0	3528.	2707.	1377.	522.	401.	65.	22.	20.	24.	14.
N	57.5	3315.	2662.	1261.	552.	471.	147.	28.	24.	31.	15.
G	55.0	3145.	2626.	1186.	581.	453.	214.	55.	29.	37.	15.
L	52.5	2857.	2593.	1307.	721.	462.	258.	125.	45.	51.	15.
E	50.0	2592.	2424.	1376.	877.	487.	254.	180.	89.	43.	20.
	47.5	2512.	2347.	1412.	938.	491.	257.	208.	137.	85.	49.
	45.0	2453.	2268.	1467.	954.	516.	297.	201.	171.	145.	83.
	42.5	2381.	2160.	1557.	990.	563.	332.	205.	168.	153.	105.
	40.0	2284.	2092.	1683.	1049.	626.	373.	245.	165.	140.	111.
	37.5	2171.	2029.	1772.	1097.	714.	431.	295.	213.	127.	112.
	35.0	2058.	2022.	1751.	1166.	780.	513.	336.	265.	173.	134.
	32.5	2046.	2030.	1772.	1245.	853.	587.	399.	303.	216.	176.
	30.0	1987.	1971.	1720.	1322.	941.	653.	461.	340.	247.	225.
	25.0	1842.	1818.	1636.	1448.	1080.	820.	607.	459.	367.	343.
	20.0	1684.	1670.	1557.	1393.	1241.	1018.	846.	679.	583.	551.
	15.0	1584.	1582.	1543.	1457.	1375.	1289.	1148.	982.	918.	903.
	10.0	1605.	1602.	1569.	1525.	1457.	1381.	1308.	1244.	1213.	1197.
	5.0	1498.	1495.	1485.	1480.	1467.	1440.	1423.	1408.	1405.	1401.
	0.0	1492.	1492.	1492.	1492.	1492.	1492.	1492.	1492.	1492.	1492.

CONE OF MAXIMUM CANDELA

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5-DEGREE ZONAL LUMEN SUMMARY

0- 5	36
5- 10	107
10- 15	176
15- 20	233
20- 25	290
25- 30	359
30- 35	435
35- 40	522
40- 45	622
45- 50	729
50- 55	819
55- 60	901
60- 65	943
65- 70	952
70- 75	789
75- 80	352
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	142
0- 20	552
0- 30	1201
0- 40	2158
0- 50	3510
0- 60	5230
0- 70	7125
0- 80	8265
0- 90	8320
0-100	8320
0-110	8320
0-120	8320
0-130	8320
0-140	8320
0-150	8320
0-160	8320
0-170	8320
0-180	8320