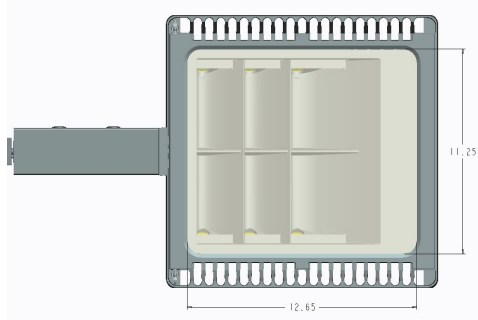


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 15 foot mounting height.



REPORT NUMBER: PRORATED FROM RAB02128
 ISSUE DATE: 08/08/16 PAGE: 1 OF 9
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: ALED2T50 - RWLED2T50 -
 RWLED2T50SF - WPLED2T50 (TYPE II)
 LUMINAIRE: CAST FINNED METAL HOUSING, 6
 CIRCUIT BOARDS EACH WITH 1 LED,
 MOLDED 3-PIECE PLASTIC REFLECTOR WITH
 SPECULAR FINISH AND 1 APERTURE PER
 LED, CLEAR FLAT GLASS LENS IN CAST
 BROWN PAINTED METAL LENS FRAME.
 LAMPS: SIX WHITE MULTI-CHIP LIGHT
 EMITTING DIODES (LEDS), TILTED
 57-DEGREES FROM VERTICAL BASE-UP
 POSITION.

NOTE: THIS REPORT WAS PRORATED FROM
 RAB02128 WHICH WAS ALED2T78N. ACTUAL
 PERFORMANCE MAY VARY.

TOTAL INPUT WATTS = 55.4 W AT 120.0
 VAC.

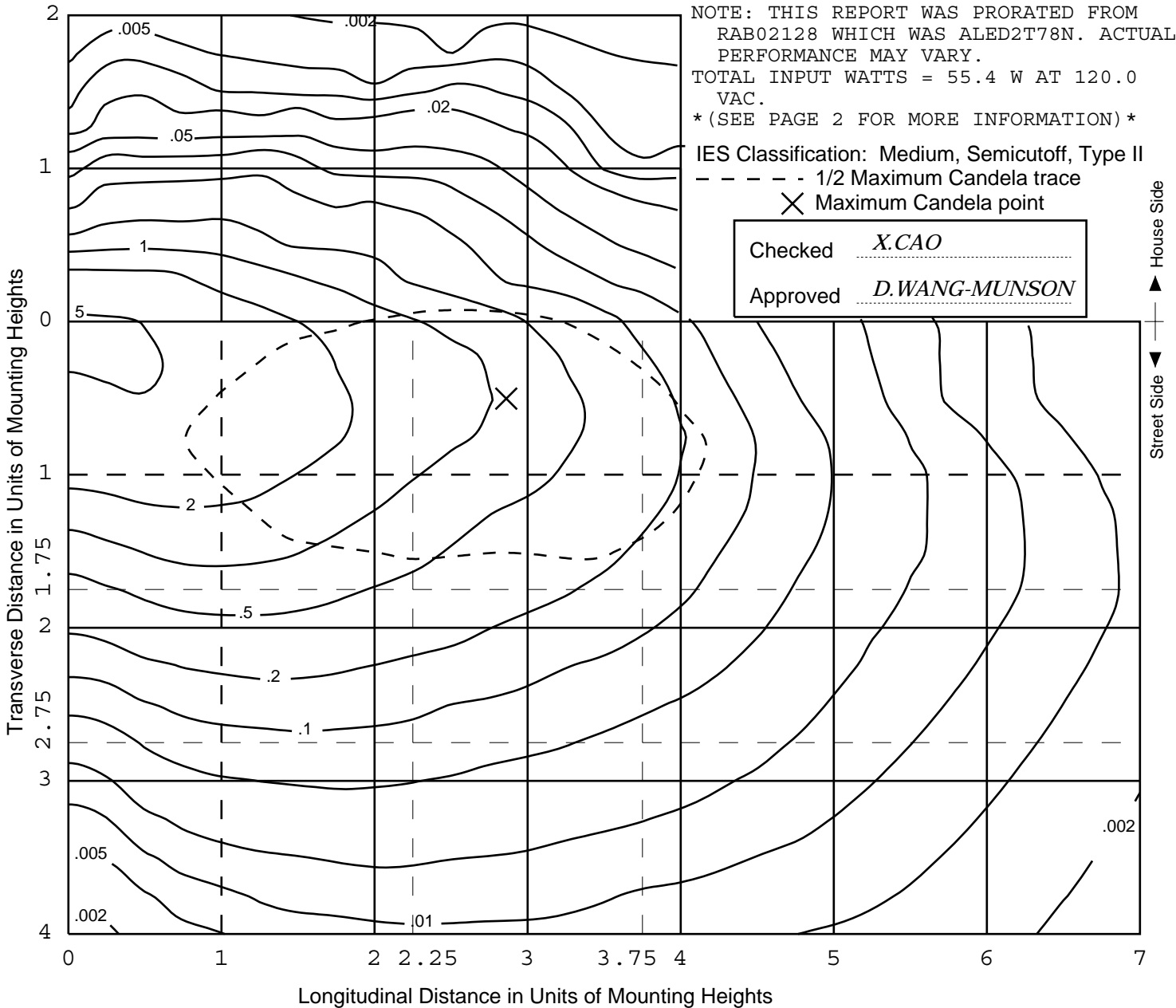
(SEE PAGE 2 FOR MORE INFORMATION)

IES Classification: Medium, Semicutoff, Type II

----- 1/2 Maximum Candela trace

X Maximum Candela point

Checked	<i>X.CAO</i>
Approved	<i>D.WANG-MUNSON</i>



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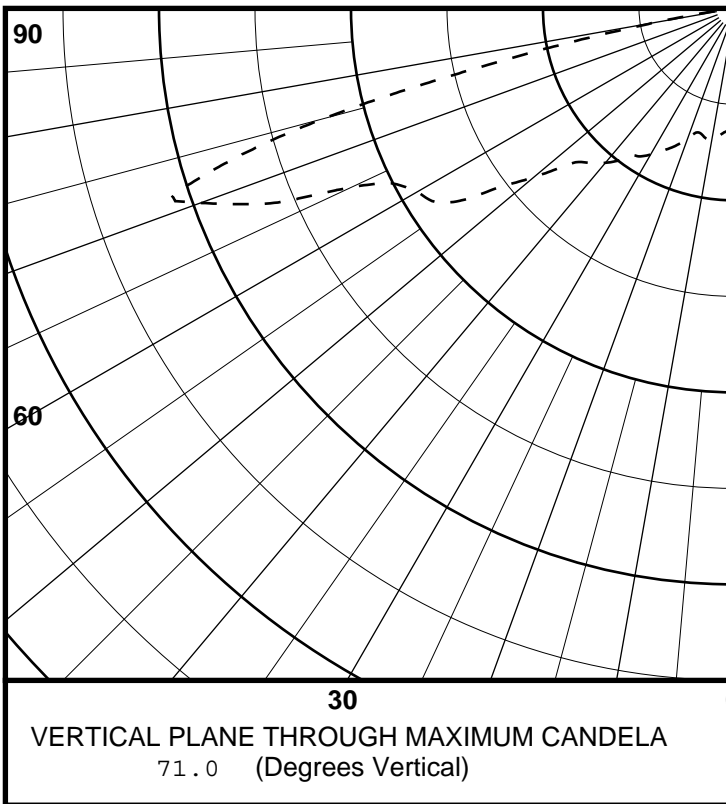
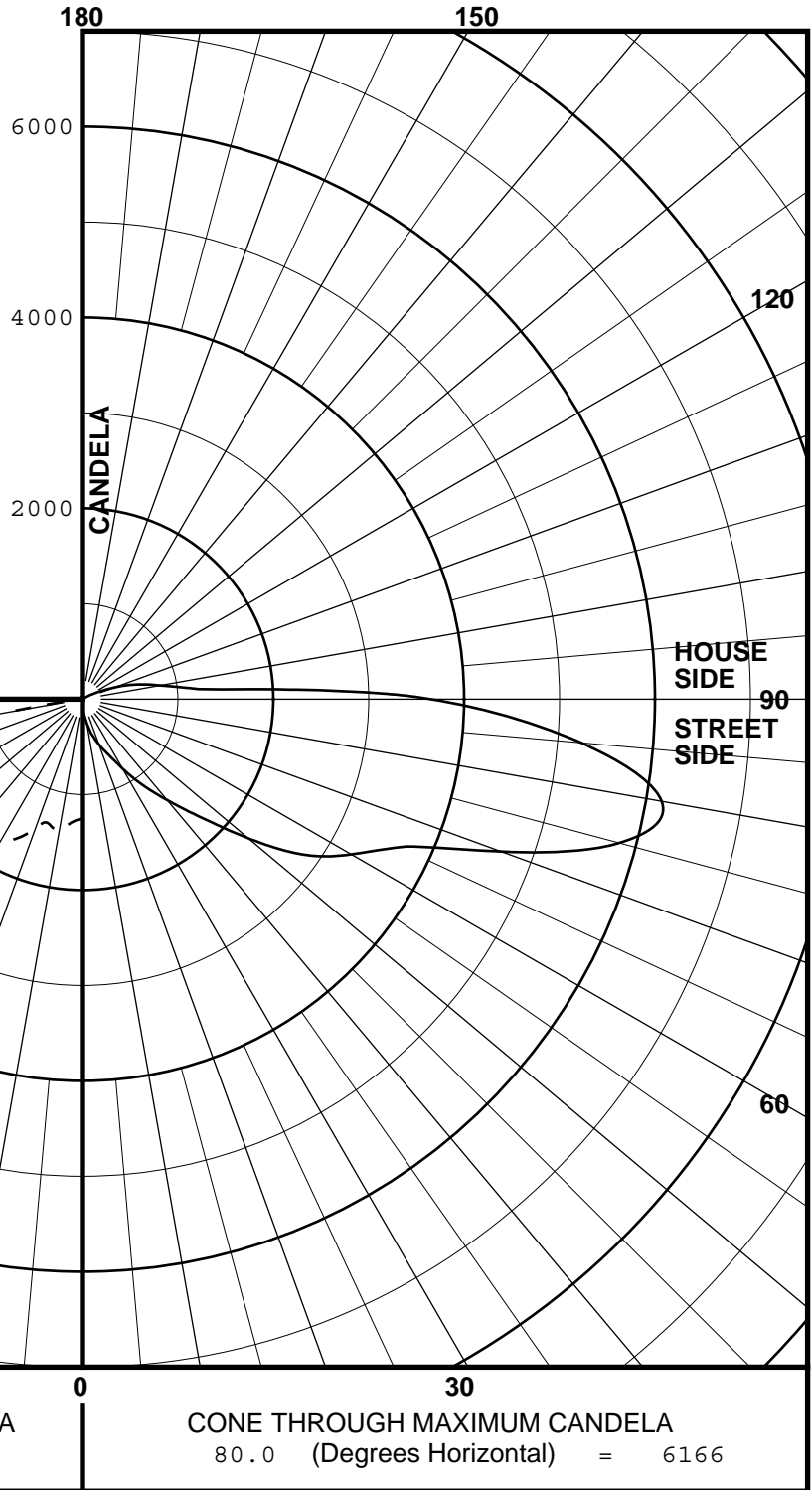
PAGE: 2 OF 9

ADDITIONAL INFORMATION

LED DRIVER: RD-052-A1400-R
TEST PROCEDURE: IESNA LM-79-08
TEST DISTANCE : 28.25 FEET

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

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 CATALOG NUMBER: ALED2T50 - RWLED2T50 -
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 BROWN PAINTED METAL LENS FRAME.
 LAMPS: SIX WHITE MULTI-CHIP LIGHT
 EMITTING DIODES (LEDS), TILTED
 57-DEGREES FROM VERTICAL BASE-UP
 POSITION.
 NOTE: THIS REPORT WAS PRORATED FROM
 RAB02128 WHICH WAS ALED2T78N. ACTUAL
 PERFORMANCE MAY VARY.
 TOTAL INPUT WATTS = 55.4 W AT 120.0
 VAC.
 (SEE PAGE 2 FOR MORE INFORMATION)



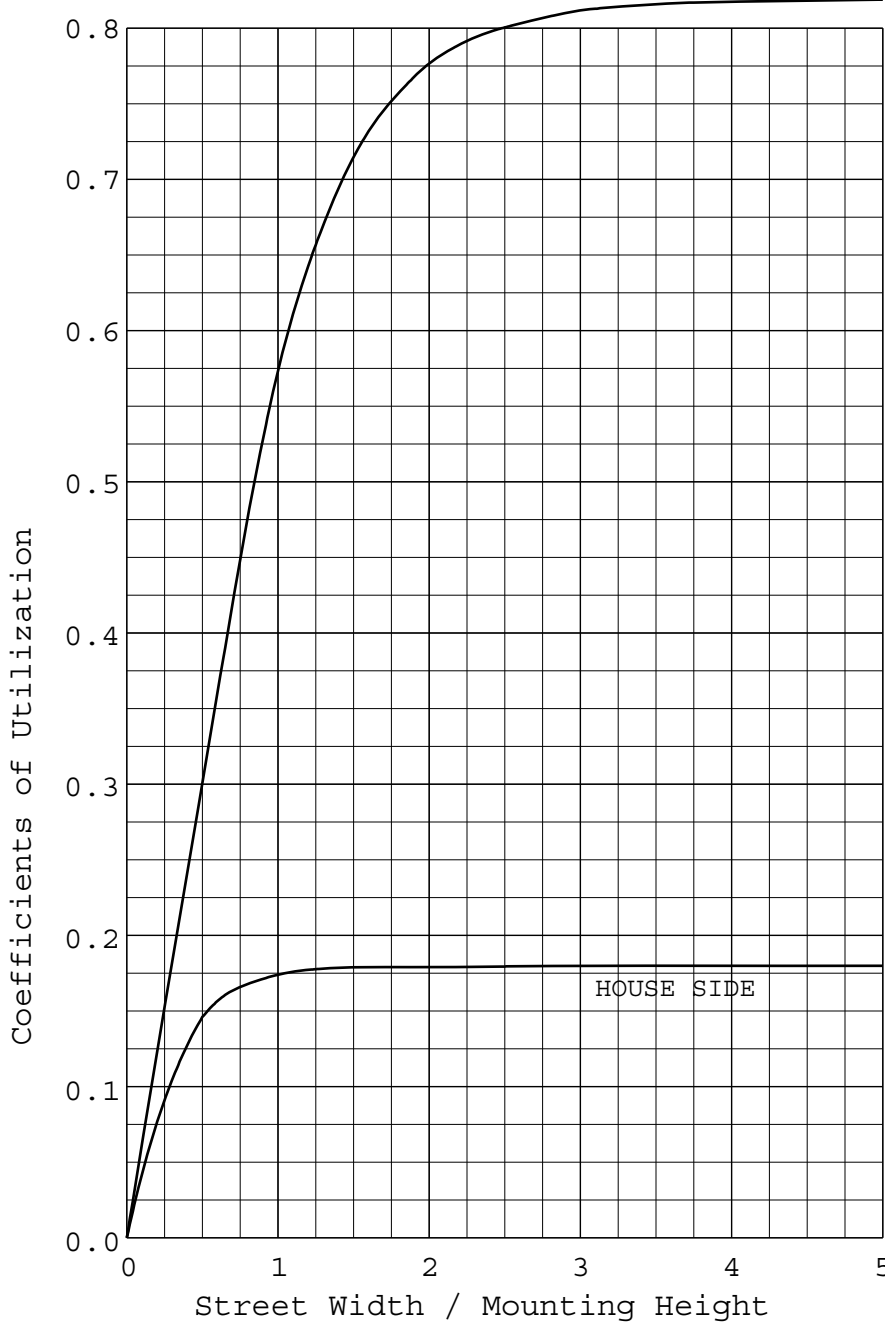
VERTICAL PLANE THROUGH MAXIMUM CANDELA
 71.0 (Degrees Vertical)

CONE THROUGH MAXIMUM CANDELA
 80.0 (Degrees Horizontal) = 6166

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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION
 STREET SIDE



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	5544.	81.9
DOWNWARD HOUSE SIDE	1222.	18.1
DOWNWARD TOTAL	6766.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	6766.	100.0
TOTAL INPUT WATTS = 55.4		
EFFICACY = 122.1 Lm/W		

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.

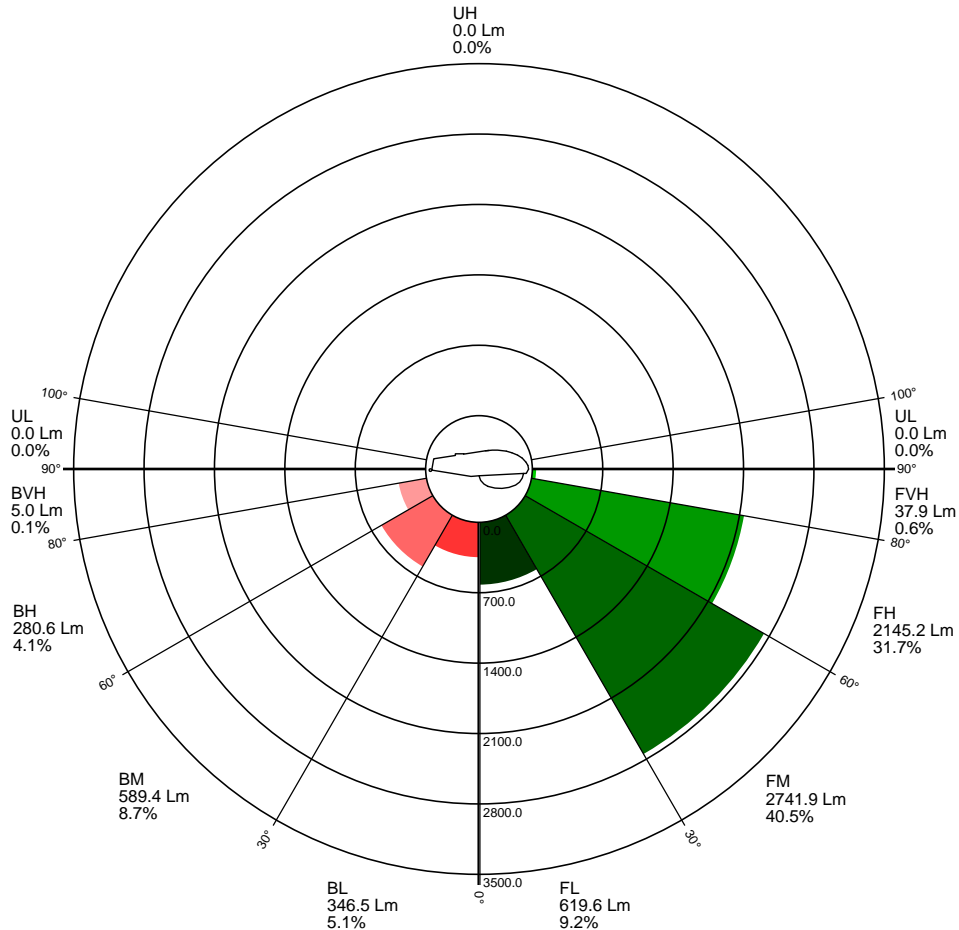
REPORT NUMBER: PRORATED FROM RAB02128
 ISSUE DATE: 08/08/16
 PREPARED FOR: RAB LIGHTING INC.

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BUG Rating:			B1	U0	G2	
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		5544	81.9			
FL	(0° - 30°)	619.6	9.2			
FM	(30° - 60°)	2741.9	40.5			
FH	(60° - 80°)	2145.2	31.7			G2
FVH	(80° - 90°)	37.9	0.6			G1
Backward		1222	18.1			
BL	(0° - 30°)	346.5	5.1	B1		
BM	(30° - 60°)	589.4	8.7	B1		
BH	(60° - 80°)	280.6	4.1	B1		G1
BVH	(80° - 90°)	5.0	0.1			G0
Upward		0	0.0			
UL	(90° - 100°)	0.0	0.0		U0	
UH	(100° - 180°)	0.0	0.0		U0	
Trapped Light		0	0.0			
Total Flux		6766	100.0			

Zonal Lumen Summary

(Linear scale)

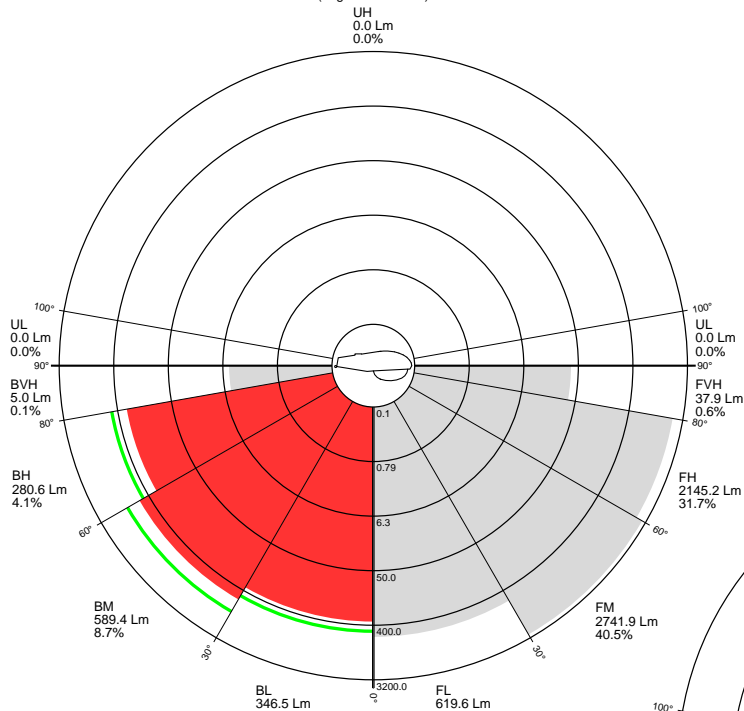


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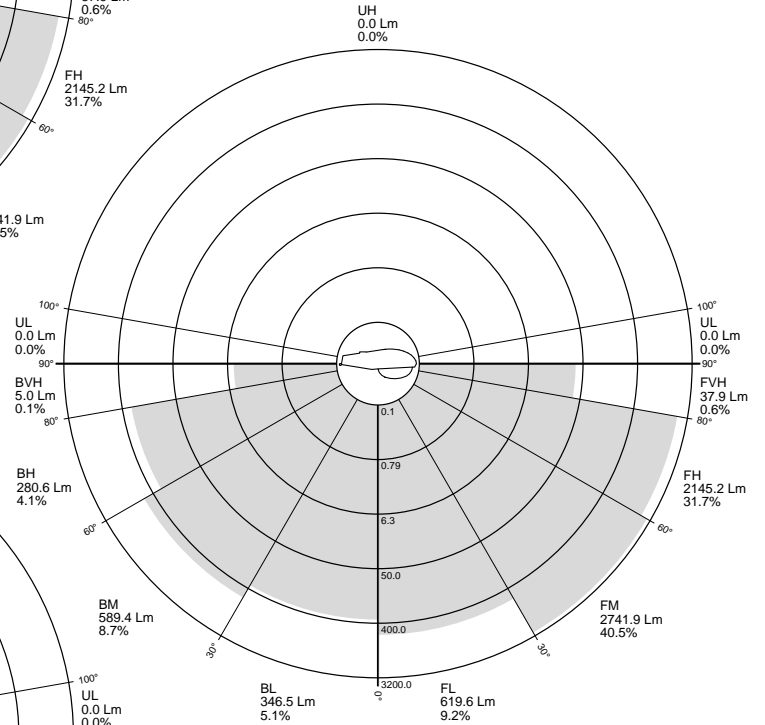
Backlight Rating Details

(Logarithmic scale)



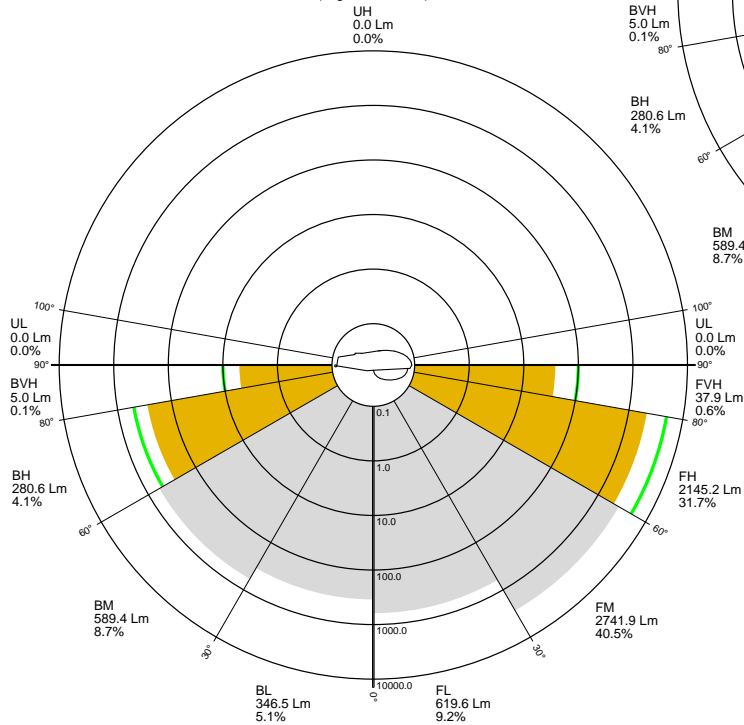
Uplight Rating Details

(Logarithmic scale)



Glare Rating Details

(Logarithmic scale)



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CANDELA TABULATION

	LATERAL ANGLE											
	STREET SIDE	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.
	90.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	87.5	1.	1.	1.	2.	3.	4.	4.	6.	7.	7.	5.
	85.0	1.	1.	3.	3.	4.	7.	23.	14.	18.	19.	15.
	82.5	4.	2.	4.	5.	16.	60.	164.	202.	266.	198.	109.
V	80.0	7.	5.	10.	37.	112.	222.	523.	742.	978.	847.	440.
E	77.5	17.	13.	46.	142.	308.	593.	1086.	1973.	2455.	2370.	1488.
R	75.0	32.	37.	145.	319.	611.	962.	1714.	3054.	4447.	4452.	3174.
T	72.5	73.	101.	301.	531.	880.	1448.	2429.	3428.	5509.	5820.	4669.
I	71.0<<	114.	156.	385.	643.	1099.	1747.	2842.	3669.	5826.	6166.	5251.
C	70.0	153.	197.	446.	736.	1262.	1959.	3060.	3894.	5939.	5925.	5446.
A	67.5	304.	310.	616.	1006.	1652.	2518.	3348.	4341.	5068.	5324.	4983.
L	65.0	453.	451.	810.	1292.	2045.	2955.	3619.	4620.	4841.	4405.	4249.
	62.5	594.	618.	994.	1595.	2352.	3127.	3691.	4787.	4550.	3970.	3613.
A	60.0	718.	785.	1192.	1819.	2469.	3148.	3800.	4730.	4130.	3825.	3337.
N	57.5	831.	926.	1315.	1915.	2518.	3112.	3923.	4235.	3851.	3738.	3199.
G	55.0	946.	1036.	1402.	1963.	2499.	3198.	3978.	3955.	3708.	3493.	3077.
L	52.5	1099.	1145.	1442.	1976.	2573.	3316.	3808.	3727.	3402.	3035.	2736.
E	50.0	1244.	1286.	1510.	2079.	2690.	3297.	3564.	3385.	3058.	2734.	2451.
	47.5	1403.	1432.	1652.	2190.	2762.	3140.	3264.	3100.	2729.	2440.	2287.
	45.0	1537.	1562.	1778.	2258.	2676.	2847.	2864.	2841.	2467.	2261.	2194.
	42.5	1633.	1673.	1865.	2171.	2497.	2689.	2564.	2503.	2260.	2188.	2123.
	40.0	1656.	1691.	1873.	2031.	2347.	2428.	2373.	2293.	2133.	2101.	2021.
	37.5	1634.	1658.	1849.	1912.	2128.	2226.	2223.	2199.	2057.	1998.	1899.
	35.0	1592.	1595.	1764.	1752.	1896.	2020.	2075.	2162.	1949.	1873.	1805.
	30.0	1469.	1482.	1609.	1583.	1668.	1747.	1868.	1851.	1780.	1759.	1708.
	25.0	1355.	1372.	1474.	1521.	1485.	1559.	1611.	1611.	1612.	1608.	1570.
	20.0	1284.	1292.	1355.	1478.	1499.	1468.	1422.	1438.	1468.	1437.	1422.
	15.0	1295.	1298.	1337.	1408.	1466.	1473.	1447.	1419.	1372.	1355.	1323.
	10.0	1284.	1289.	1303.	1325.	1358.	1388.	1404.	1419.	1402.	1391.	1383.
	5.0	1271.	1272.	1279.	1285.	1294.	1292.	1295.	1297.	1303.	1297.	1297.
	0.0	1248.	1248.	1248.	1248.	1248.	1248.	1248.	1248.	1248.	1248.	1248.

||
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.
90.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
87.5	4.	3.	4.	3.	3.	3.	2.	1.	1.	1.	1.
85.0	10.	5.	4.	4.	4.	4.	3.	2.	2.	1.	1.
82.5	79.	24.	17.	9.	6.	4.	4.	5.	4.	5.	4.
V 80.0	407.	181.	71.	24.	10.	5.	5.	6.	5.	5.	4.
E 77.5	1088.	464.	70.	28.	10.	6.	6.	6.	6.	6.	6.
R 75.0	2153.	738.	76.	36.	10.	9.	5.	6.	6.	6.	5.
T 72.5	3207.	1010.	376.	116.	13.	11.	6.	7.	6.	6.	5.
I 71.0<<	3667.	1218.	598.	173.	17.	11.	7.	7.	7.	6.	5.
C 70.0	3785.	1320.	636.	218.	21.	10.	7.	7.	7.	6.	5.
A 67.5	3719.	1721.	889.	257.	30.	12.	8.	8.	7.	7.	6.
L 65.0	3324.	1805.	1120.	262.	79.	21.	11.	9.	8.	7.	7.
62.5	3062.	1875.	986.	315.	151.	33.	16.	12.	10.	9.	7.
A 60.0	2891.	2117.	900.	394.	286.	54.	23.	20.	19.	12.	8.
N 57.5	2705.	2103.	793.	445.	372.	85.	29.	26.	29.	15.	9.
G 55.0	2563.	2119.	776.	496.	389.	155.	35.	29.	36.	15.	10.
L 52.5	2338.	2082.	867.	540.	357.	207.	75.	30.	37.	13.	12.
E 50.0	2137.	1947.	909.	610.	370.	233.	133.	46.	23.	15.	13.
47.5	2101.	1863.	950.	643.	386.	230.	174.	103.	51.	32.	25.
45.0	2046.	1813.	1016.	638.	384.	235.	190.	145.	117.	68.	49.
42.5	1994.	1736.	1099.	644.	381.	269.	175.	159.	137.	88.	66.
40.0	1894.	1674.	1220.	669.	417.	291.	202.	142.	132.	89.	73.
37.5	1826.	1646.	1303.	716.	444.	315.	238.	168.	115.	84.	76.
35.0	1726.	1621.	1320.	774.	487.	343.	261.	200.	137.	98.	86.
30.0	1631.	1540.	1302.	895.	595.	412.	297.	247.	186.	151.	141.
25.0	1515.	1440.	1252.	1055.	734.	531.	387.	302.	242.	223.	216.
20.0	1387.	1344.	1206.	1062.	873.	685.	565.	466.	395.	367.	360.
15.0	1311.	1280.	1206.	1122.	1049.	962.	836.	726.	658.	635.	619.
10.0	1373.	1353.	1305.	1252.	1193.	1132.	1053.	989.	944.	921.	916.
5.0	1281.	1275.	1254.	1231.	1211.	1176.	1159.	1143.	1132.	1116.	1118.
0.0	1248.	1248.	1248.	1248.	1248.	1248.	1248.	1248.	1248.	1248.	1248.

CONE OF MAXIMUM CANDELA

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5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	30
5- 10	89
10- 15	144
15- 20	185
20- 25	231
25- 30	287
30- 35	353
35- 40	430
40- 45	516
45- 50	604
50- 55	682
55- 60	746
60- 65	778
65- 70	759
70- 75	612
75- 80	276
80- 85	41
85- 90	2
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	119
0- 20	448
0- 30	966
0- 40	1749
0- 50	2869
0- 60	4297
0- 70	5835
0- 80	6723
0- 90	6766
0-100	6766
0-110	6766
0-120	6766
0-130	6766
0-140	6766
0-150	6766
0-160	6766
0-170	6766
0-180	6766