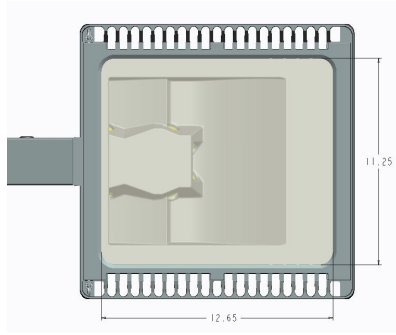
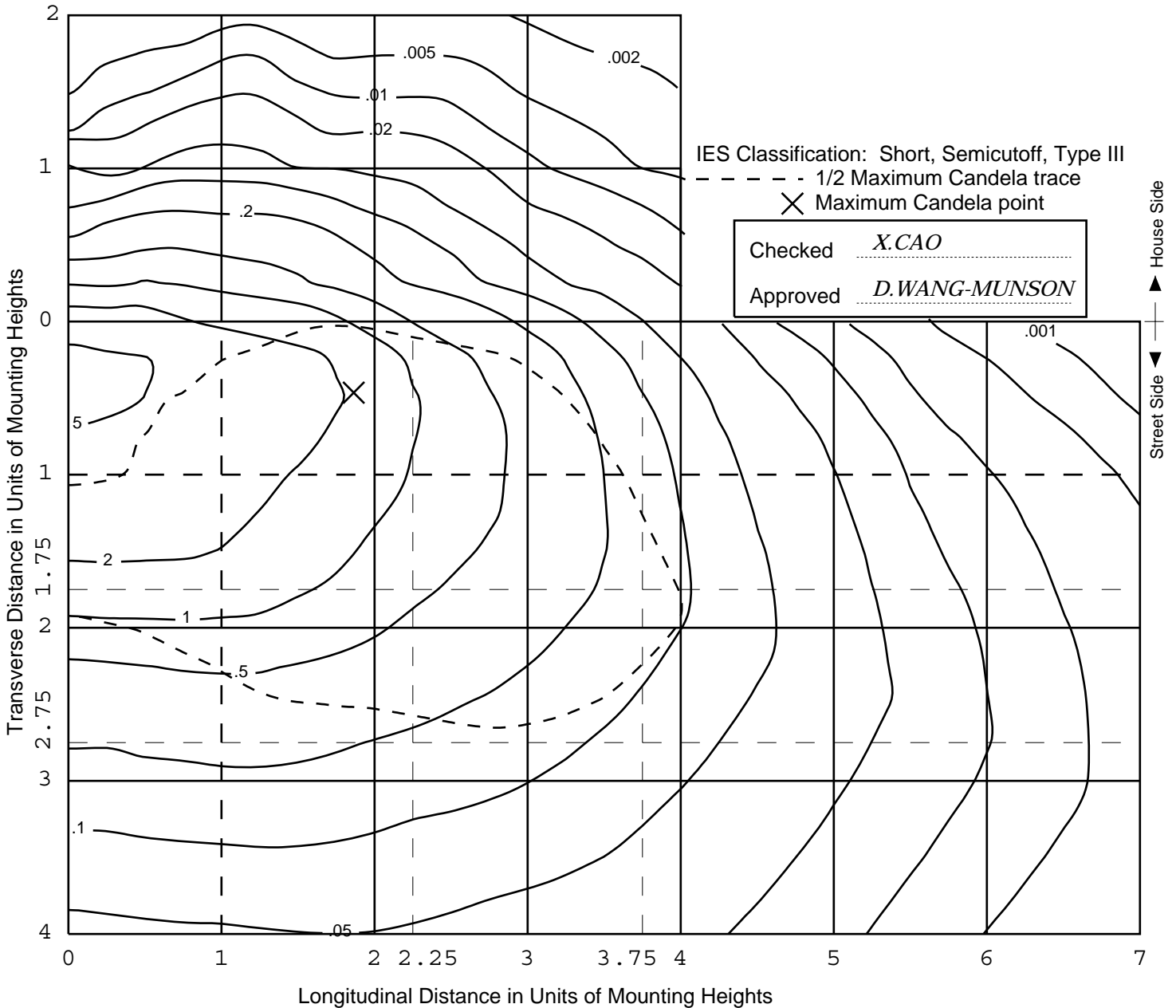


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 15 foot mounting height.



REPORT NUMBER: PRORATED FROM RAB02155
 ISSUE DATE: 08/08/16 PAGE: 1 OF 9
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: ALED3T50 - RWLED3T50 -
 RWLED3T50SF - WPLED3T50 (TYPE III)
 LUMINAIRE: CAST FINNED METAL HOUSING, 6
 CIRCUIT BOARDS EACH WITH 1 LED,
 MOLDED PLASTIC REFLECTOR WITH
 SPECULAR FINISH AND 1 APERTURE PER
 LED, CLEAR FLAT GLASS LENS IN CAST
 WHITE PAINTED METAL LENS FRAME.
 (SEE PAGE 2 FOR MORE INFORMATION)



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ADDITIONAL INFORMATION

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

NOTE: THIS REPORT WAS PRORATED FROM RAB02155 WHICH WAS ALED3T50N. ACTUAL PERFORMANCE MAY VARY.

TOTAL INPUT WATTS = 54.5 W AT 120.0 VAC.

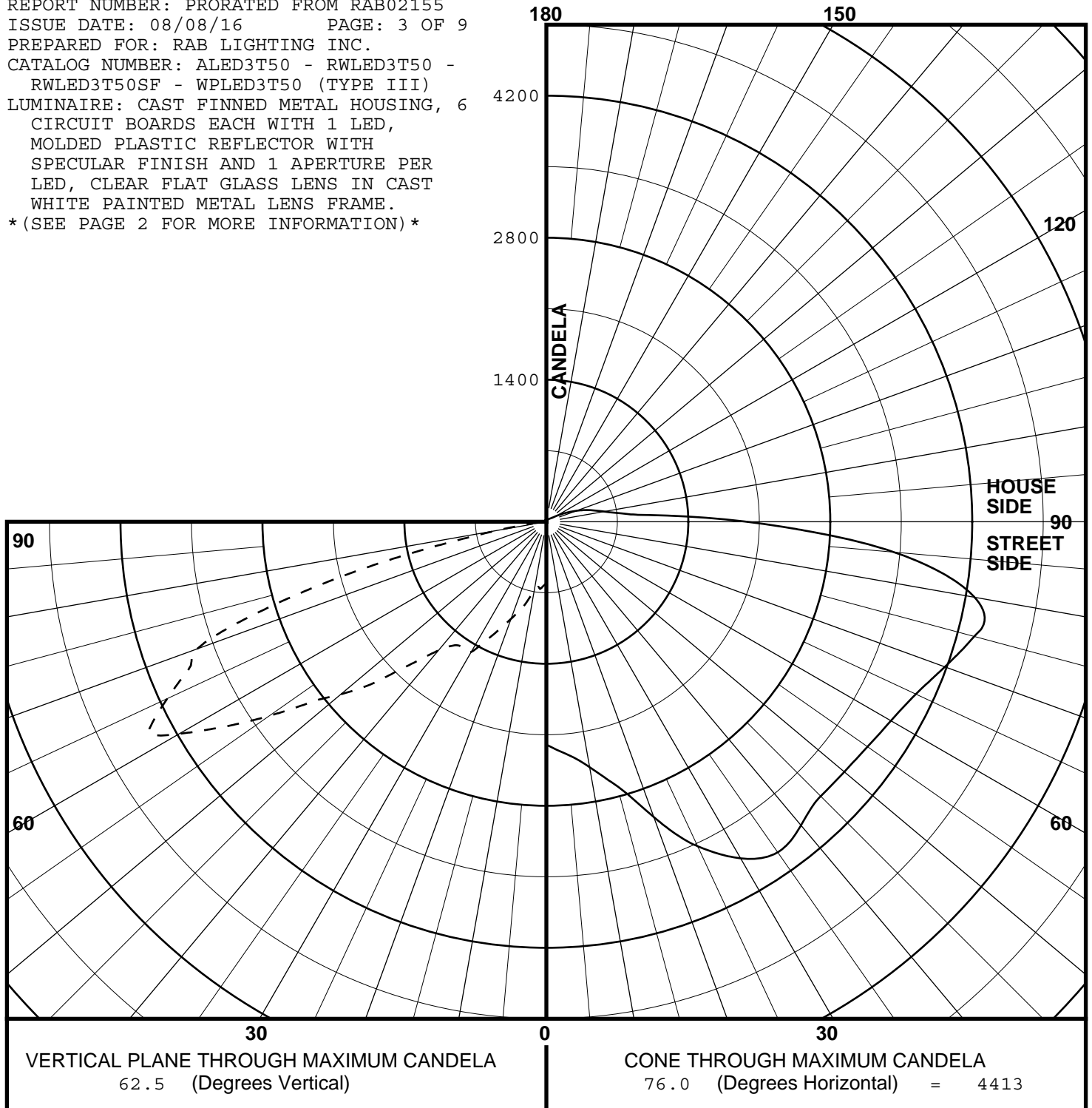
LED DRIVER: RD-052-A1400-R

TEST PROCEDURE: IESNA LM-79-08

TEST DISTANCE : 28.25 FEET

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

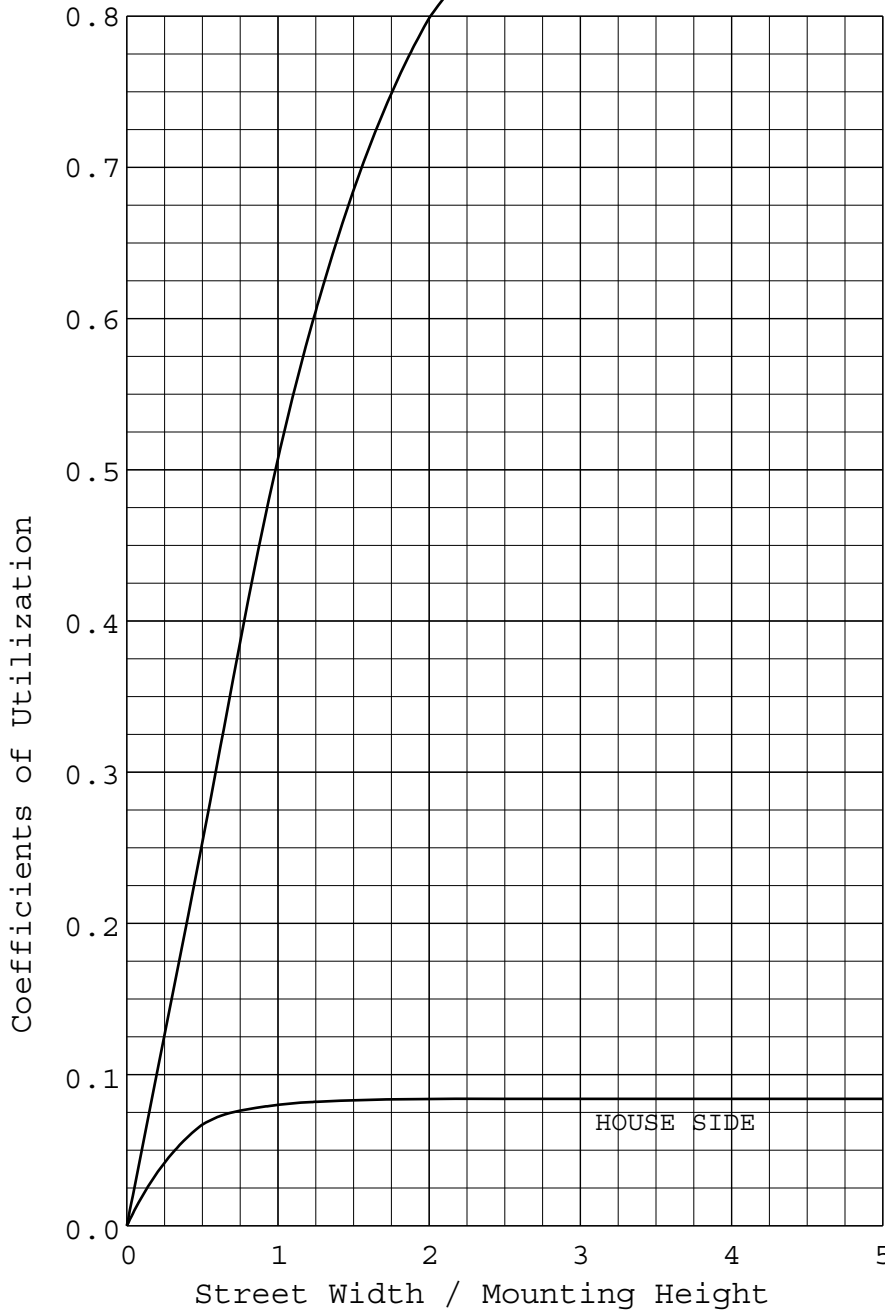
REPORT NUMBER: PRORATED FROM RAB02155
 ISSUE DATE: 08/08/16 PAGE: 3 OF 9
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REPORT NUMBER: PRORATED FROM RAB02155
 ISSUE DATE: 08/08/16 STREET SIDE
 PREPARED FOR: RAB LIGHTING INC.

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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	6005.	91.5
DOWNWARD HOUSE SIDE	557.	8.5
DOWNWARD TOTAL	6561.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	6561.	100.0

TOTAL INPUT WATTS = 54.5
 EFFICACY = 120.4 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.

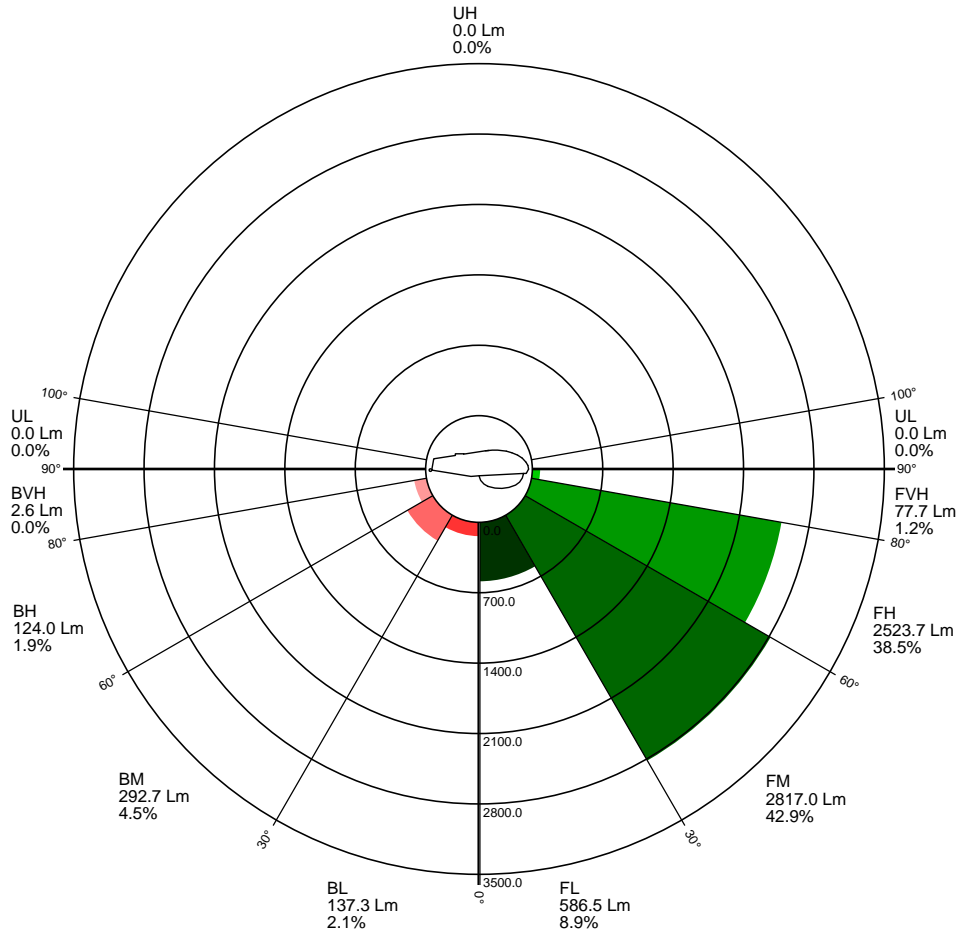
REPORT NUMBER: PRORATED FROM RAB02155
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BUG Rating:			B1	U0	G2
Zonal Summary		Lumens	% of Fixture		
			Zone Ratings		
			B	U	G
Forward		6005	91.5		
FL	(0° - 30°)	586.5	8.9		
FM	(30° - 60°)	2817.0	42.9		
FH	(60° - 80°)	2523.7	38.5		
FVH	(80° - 90°)	77.7	1.2		
Backward		557	8.5		
BL	(0° - 30°)	137.3	2.1		
BM	(30° - 60°)	292.7	4.5		
BH	(60° - 80°)	124.0	1.9		
BVH	(80° - 90°)	2.6	0.0		
Upward		0	0.0		
UL	(90° - 100°)	0.0	0.0		
UH	(100° - 180°)	0.0	0.0		
Trapped Light		0	0.0		
Total Flux		6561	100.0		

Zonal Lumen Summary

(Linear scale)

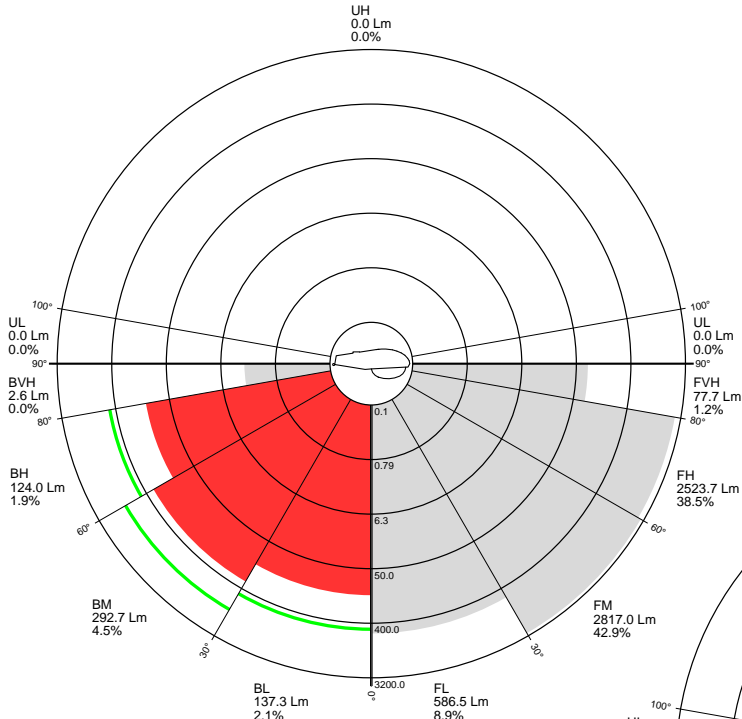


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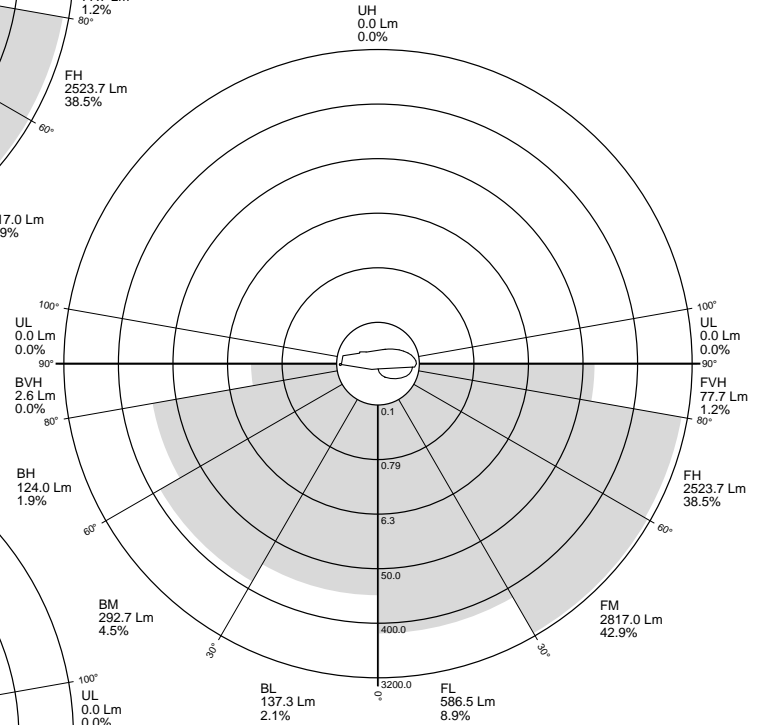
Backlight Rating Details

(Logarithmic scale)



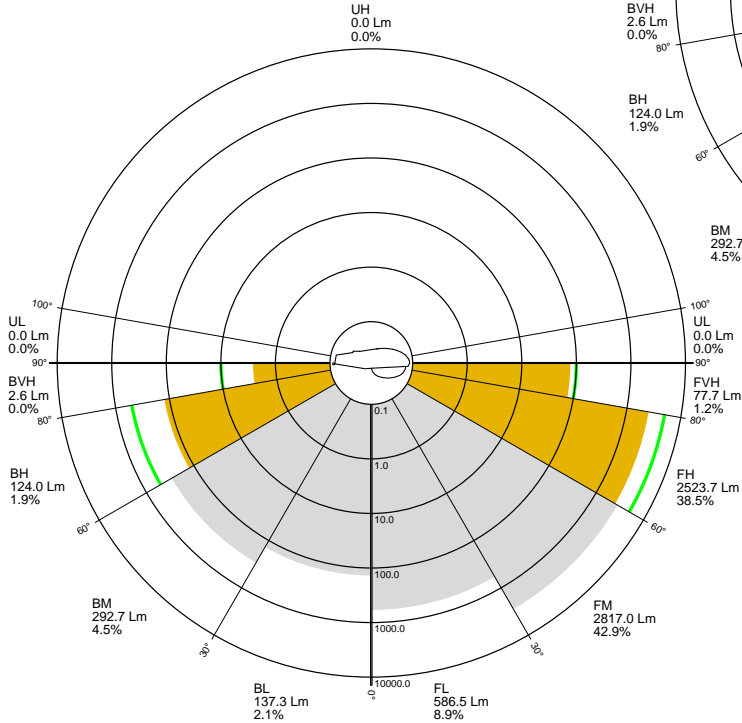
Uplight Rating Details

(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	76.0	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	2.	2.	2.	3.	6.	10.	7.	8.	6.	6.	5.
	85.0	16.	18.	34.	45.	60.	71.	56.	92.	45.	40.	11.
V	82.5	46.	60.	137.	199.	258.	342.	288.	377.	200.	190.	44.
E	80.0	119.	156.	299.	510.	667.	1044.	1093.	1103.	539.	494.	177.
R	77.5	386.	446.	629.	1002.	1273.	1742.	2018.	2168.	1247.	1151.	534.
T	75.0	755.	799.	996.	1343.	1663.	2211.	2741.	3038.	2209.	2109.	1184.
I	72.5	1001.	1016.	1258.	1695.	2084.	2580.	3354.	3810.	3091.	2995.	1977.
C	70.0	1181.	1187.	1490.	2018.	2609.	3470.	3748.	4168.	3758.	3668.	2420.
A	67.5	1356.	1359.	1721.	2383.	3339.	3996.	3970.	4044.	3814.	3825.	2686.
L	65.0	1565.	1655.	2121.	2857.	3837.	3936.	4084.	4167.	4089.	4127.	3027.
	62.5<<	2197.	2300.	2699.	3531.	3978.	3826.	3868.	4022.	4368.	4413.	3447.
A	60.0	2815.	2907.	3239.	3680.	3883.	3701.	3650.	3932.	4211.	4183.	3224.
N	57.5	3020.	3012.	3142.	3221.	3404.	3336.	3381.	3898.	3821.	3758.	2904.
G	55.0	2679.	2686.	2813.	2943.	2999.	3092.	3224.	3565.	3365.	3337.	2478.
L	52.5	2491.	2478.	2562.	2589.	2642.	2957.	3188.	3392.	2956.	2921.	2090.
E	50.0	2364.	2359.	2394.	2320.	2469.	2828.	3007.	3151.	2701.	2648.	1856.
	47.5	2244.	2221.	2202.	2229.	2403.	2661.	2683.	2743.	2438.	2393.	1699.
	45.0	2122.	2110.	2129.	2286.	2304.	2499.	2578.	2388.	2147.	2085.	1465.
	42.5	2094.	2119.	2153.	2241.	2234.	2373.	2344.	2151.	1891.	1841.	1308.
	40.0	2028.	2021.	2078.	2302.	2099.	2308.	2181.	2021.	1701.	1656.	1196.
	37.5	1957.	1969.	2059.	2178.	2154.	2181.	2040.	1955.	1586.	1544.	1125.
	35.0	2030.	2023.	2008.	2089.	2109.	2041.	1983.	1924.	1534.	1494.	1101.
	30.0	2074.	2059.	1915.	1893.	1866.	1794.	1832.	1803.	1516.	1483.	1037.
	25.0	1992.	1981.	1749.	1678.	1664.	1694.	1688.	1518.	1255.	1222.	904.
	20.0	1834.	1831.	1704.	1599.	1581.	1552.	1440.	1282.	1045.	1019.	792.
	15.0	1663.	1651.	1608.	1476.	1372.	1282.	1206.	1075.	884.	862.	716.
	10.0	1379.	1366.	1359.	1264.	1156.	1039.	928.	810.	714.	700.	625.
	5.0	986.	970.	950.	908.	873.	820.	776.	716.	667.	663.	625.
	0.0	606.	606.	606.	606.	606.	606.	606.	606.	606.	606.	606.

||
 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.
	90.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	87.5	5.	5.	5.	5.	5.	4.	4.	3.	3.	3.
	85.0	7.	6.	5.	5.	4.	4.	3.	2.	2.	2.
V	82.5	13.	9.	7.	6.	5.	4.	3.	3.	3.	3.
E	80.0	76.	40.	21.	15.	5.	4.	3.	2.	3.	3.
R	77.5	252.	140.	39.	27.	6.	4.	3.	3.	3.	3.
T	75.0	681.	274.	80.	34.	13.	4.	3.	3.	4.	4.
I	72.5	1103.	390.	116.	55.	34.	9.	4.	3.	4.	4.
C	70.0	1411.	570.	225.	98.	38.	15.	6.	4.	4.	4.
A	67.5	1532.	672.	332.	138.	41.	20.	12.	5.	5.	6.
L	65.0	1708.	685.	365.	163.	51.	31.	28.	9.	6.	6.
	62.5<<	1978.	835.	444.	204.	68.	53.	36.	13.	8.	6.
A	60.0	2036.	875.	536.	237.	89.	73.	37.	17.	11.	7.
N	57.5	1954.	942.	541.	312.	107.	81.	42.	20.	11.	7.
G	55.0	1727.	928.	518.	336.	121.	84.	48.	24.	12.	7.
L	52.5	1491.	924.	493.	307.	142.	91.	54.	28.	17.	8.
E	50.0	1348.	984.	481.	304.	170.	100.	57.	31.	19.	13.
	47.5	1230.	925.	484.	320.	200.	114.	64.	36.	20.	27.
	45.0	1102.	853.	490.	314.	211.	126.	75.	40.	26.	23.
	42.5	1008.	794.	493.	315.	231.	140.	88.	48.	29.	21.
	40.0	943.	760.	491.	317.	253.	153.	95.	62.	42.	32.
	37.5	922.	762.	510.	318.	259.	166.	107.	65.	51.	44.
	35.0	921.	781.	537.	333.	258.	174.	123.	77.	55.	46.
	30.0	874.	764.	568.	365.	258.	218.	144.	100.	76.	58.
	25.0	792.	706.	563.	424.	272.	194.	145.	106.	83.	81.
	20.0	708.	635.	513.	432.	325.	224.	161.	125.	108.	99.
	15.0	664.	622.	517.	447.	377.	311.	253.	211.	208.	224.
	10.0	597.	565.	508.	443.	407.	386.	366.	340.	315.	291.
	5.0	608.	592.	558.	527.	501.	478.	456.	428.	414.	402.
	0.0	606.	606.	606.	606.	606.	606.	606.	606.	606.	606.

CONE OF MAXIMUM CANDELA

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5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	15
5- 10	49
10- 15	90
15- 20	137
20- 25	187
25- 30	246
30- 35	308
35- 40	363
40- 45	432
45- 50	529
50- 55	655
55- 60	822
60- 65	896
65- 70	801
70- 75	619
75- 80	332
80- 85	75
85- 90	5
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	64
0- 20	291
0- 30	724
0- 40	1394
0- 50	2356
0- 60	3833
0- 70	5531
0- 80	6481
0- 90	6561
0-100	6561
0-110	6561
0-120	6561
0-130	6561
0-140	6561
0-150	6561
0-160	6561
0-170	6561
0-180	6561