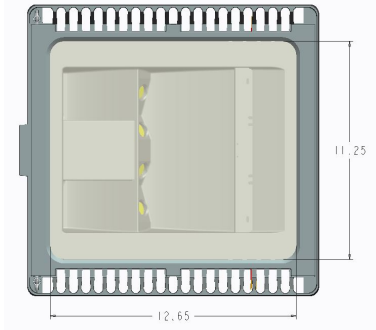
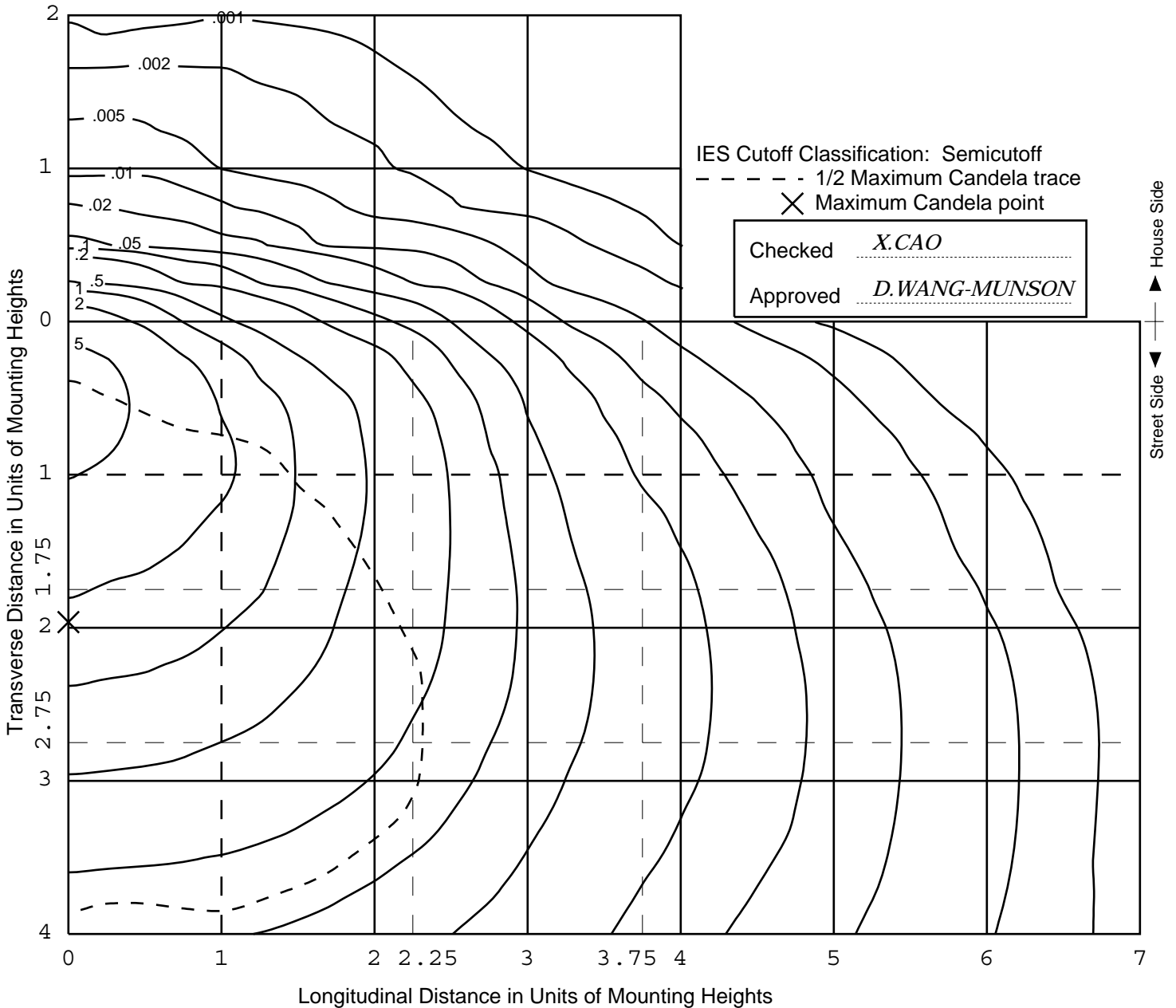


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 25 foot mounting height.



REPORT NUMBER: PRORATED FROM RAB02138
 ISSUE DATE: 08/09/16 PAGE: 1 OF 9
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: ALED4T105 - RWLED4T105
 - RWLED4T105SF - WPLED4T105 (TYPE IV)
 LUMINAIRE: CAST FINNED METAL HOUSING, 6
 CIRCUIT BOARDS EACH WITH 1 LED,
 MOLDED 2-PIECE PLASTIC REFLECTOR WITH
 SPECULAR FINISH AND 1 APERTURE PER
 LED, CLEAR FLAT GLASS LENS IN CAST
 BROWN 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 56-DEGREES FROM VERTICAL BASE-UP POSITION AND CANTED 18-DEGREES FROM STRAIGHT AHEAD, 2 LEDES TILTED 57-DEGREES FROM VERTICAL BASE-UP POSITION AND CANTED 16-DEGREES FROM STRAIGHT AHEAD, 2 LEDES TILTED 57-DEGREES FROM VERTICAL BASE-UP POSITION AND CANTED 22-DEGREES FROM STRAIGHT AHEAD.

NOTE: THIS REPORT WAS PRORATED FROM RAB02138 WHICH WAS ALED4T78Y. ACTUAL PERFORMANCE MAY VARY.

TOTAL INPUT WATTS = 109.4 W AT 120.0 VAC.

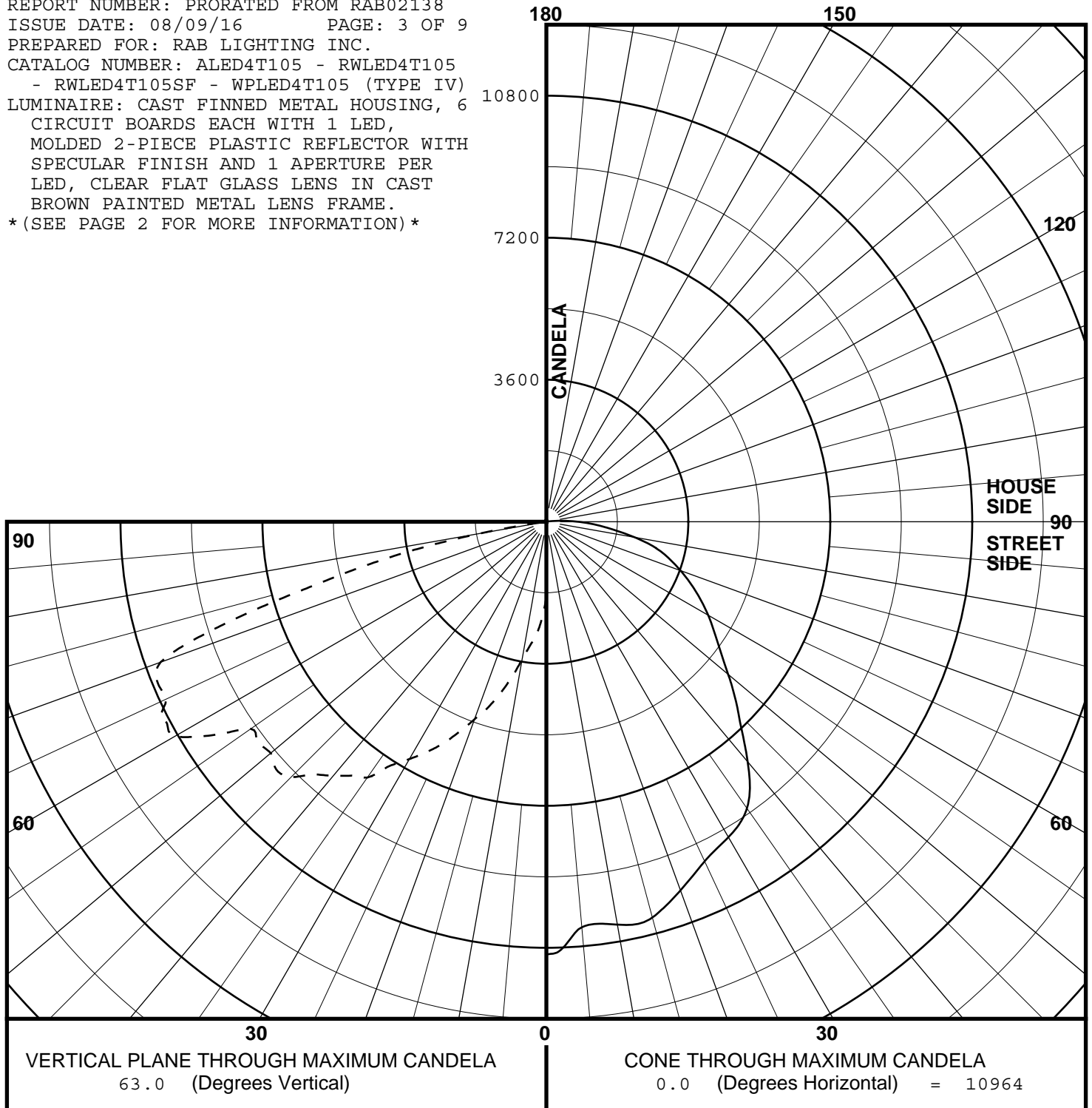
LED DRIVER: RD-060-A1400 X 2

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: ALED4T105 - RWLED4T105
 - RWLED4T105SF - WPLED4T105 (TYPE IV)
 LUMINAIRE: CAST FINNED METAL HOUSING, 6
 CIRCUIT BOARDS EACH WITH 1 LED,
 MOLDED 2-PIECE PLASTIC REFLECTOR WITH
 SPECULAR FINISH AND 1 APERTURE PER
 LED, CLEAR FLAT GLASS LENS IN CAST
 BROWN PAINTED METAL LENS FRAME.
 (SEE PAGE 2 FOR MORE INFORMATION)

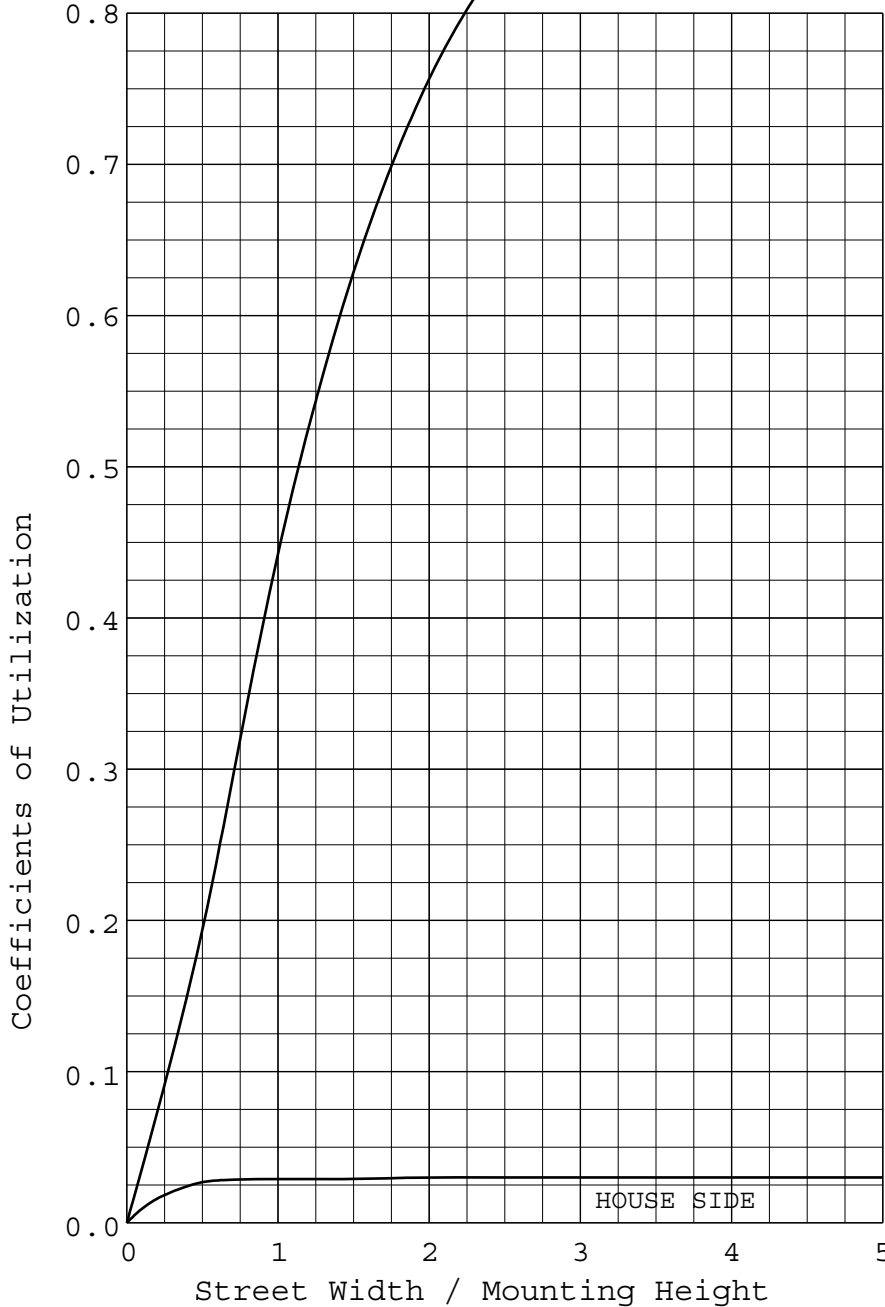


STREET SIDE

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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	13257.	96.9
DOWNWARD HOUSE SIDE	423.	3.1
DOWNWARD TOTAL	13680.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	13680.	100.0

TOTAL INPUT WATTS = 109.4
 EFFICACY = 125.0 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.

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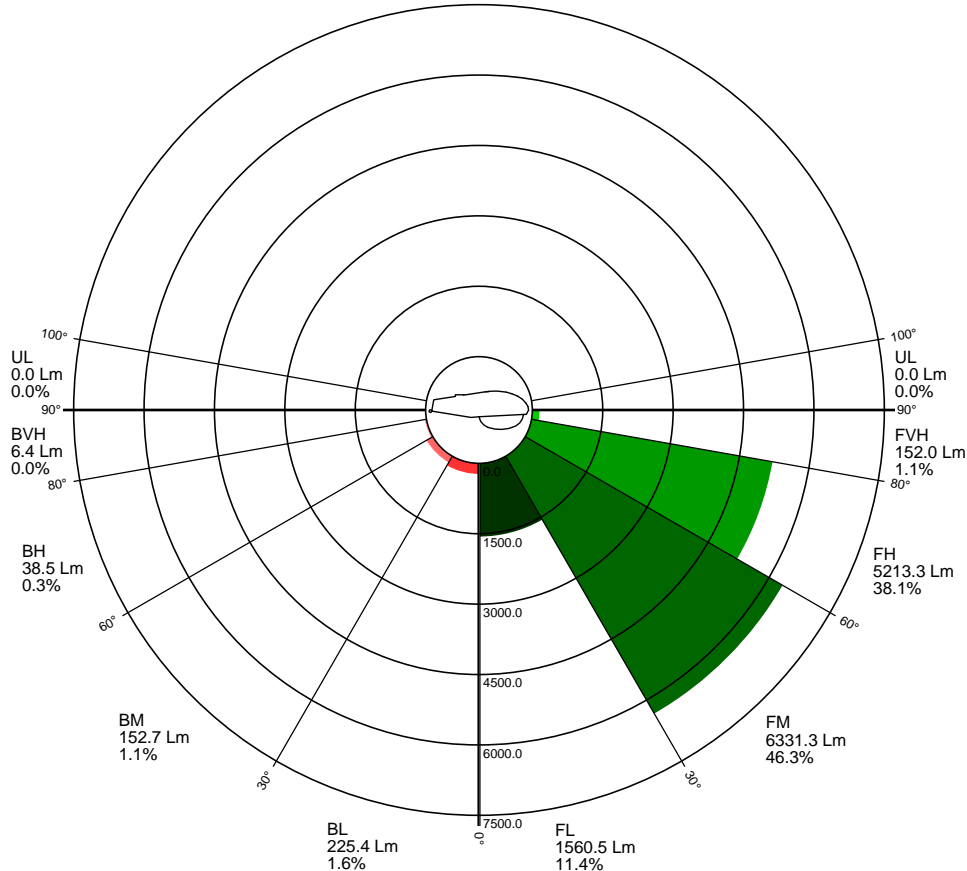
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BUG Rating:			B1	U0	G3	
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		13257	96.9			
FL	(0° - 30°)	1560.5	11.4			
FM	(30° - 60°)	6331.3	46.3			
FH	(60° - 80°)	5213.3	38.1			G3
FVH	(80° - 90°)	152.0	1.1			G2
Backward		423	3.1			
BL	(0° - 30°)	225.4	1.6	B1		
BM	(30° - 60°)	152.7	1.1	B0		
BH	(60° - 80°)	38.5	0.3	B0		G0
BVH	(80° - 90°)	6.4	0.0			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		13680	100.0			

Zonal Lumen Summary

(Linear scale)

UH
0.0 Lm
0.0%

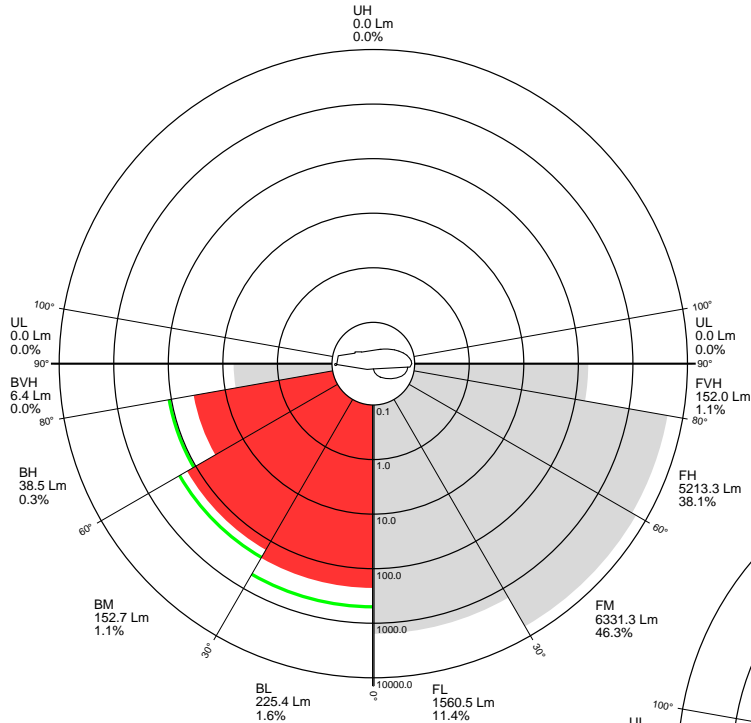


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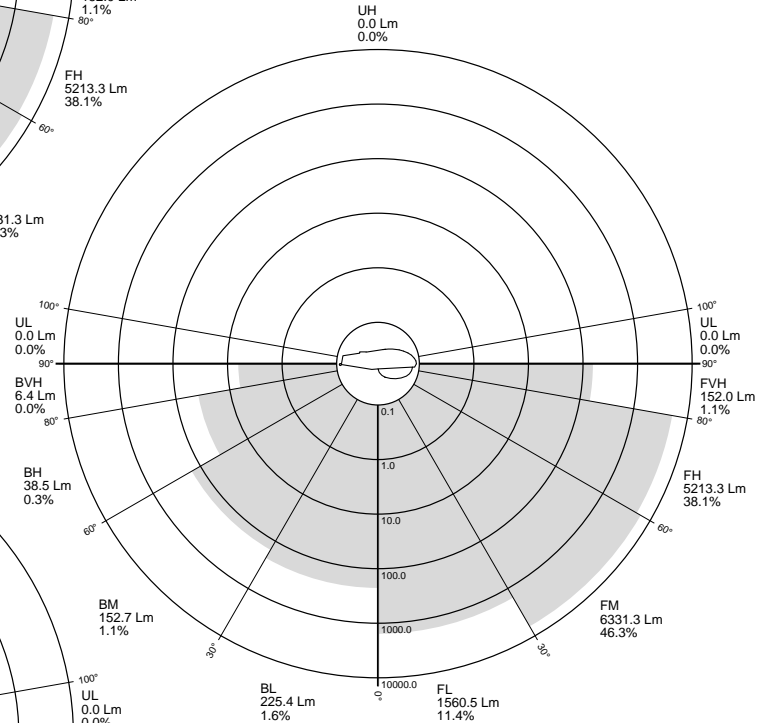
Backlight Rating Details

(Logarithmic scale)



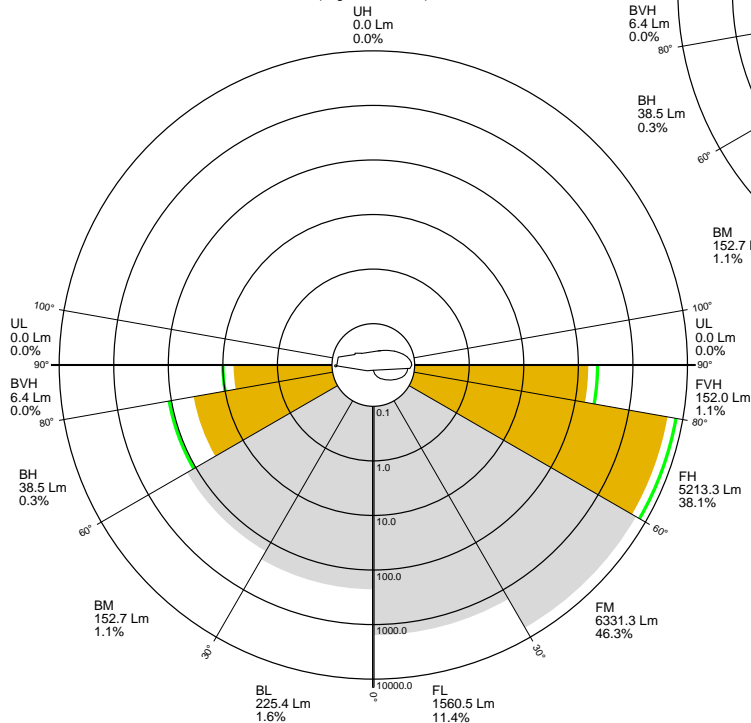
Uplight Rating Details

(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	85.0
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	31.	24.	27.	28.	19.	16.	20.	19.	19.	19.
85.0	51.	51.	127.	191.	159.	90.	68.	54.	34.	20.
82.5	215.	204.	393.	565.	727.	572.	400.	214.	87.	30.
V 80.0	1724.	1648.	2062.	2121.	1889.	1467.	1304.	834.	342.	115.
E 77.5	3842.	3674.	4217.	4135.	3872.	2934.	2164.	1315.	628.	252.
R 75.0	5836.	5635.	6199.	6237.	5945.	4438.	2922.	1620.	766.	330.
T 72.5	8470.	8384.	8604.	8536.	7387.	5672.	3753.	2122.	1136.	521.
I 70.0	10413.	10149.	9969.	9428.	8136.	6129.	4602.	3102.	1783.	851.
C 67.5	10670.	10371.	10314.	9417.	8584.	6438.	5017.	3938.	2447.	1210.
A 65.0	10641.	10163.	10385.	9510.	8738.	6519.	5298.	4064.	2828.	1443.
L 63.0	<<10964.	10315.	10386.	9500.	8870.	6892.	5295.	4185.	3056.	1453.
62.5	10902.	10257.	10362.	9464.	8886.	7004.	5298.	4175.	3099.	1428.
A 60.0	10880.	10030.	9871.	9277.	8755.	7584.	5504.	4068.	3126.	1335.
N 57.5	10082.	9240.	9121.	8805.	8109.	7477.	5824.	4035.	2919.	1318.
G 55.0	9154.	8519.	8515.	8331.	7352.	7377.	5913.	4041.	2660.	1381.
L 52.5	9211.	8683.	8361.	7991.	7244.	6845.	5491.	3960.	2568.	1386.
E 50.0	9127.	8724.	8384.	7706.	6851.	6125.	5106.	3790.	2652.	1439.
47.5	9295.	8919.	8288.	7676.	6855.	5857.	4852.	3645.	2714.	1489.
45.0	9155.	8856.	8253.	7537.	6543.	5614.	4576.	3560.	2558.	1530.
42.5	8683.	8480.	8062.	7188.	6163.	5396.	4454.	3470.	2452.	1594.
40.0	8408.	8228.	7787.	6839.	5965.	5208.	4421.	3442.	2378.	1620.
37.5	8113.	7905.	7443.	6562.	5698.	5077.	4330.	3462.	2401.	1655.
35.0	7915.	7619.	6913.	6281.	5459.	4962.	4243.	3359.	2437.	1769.
30.0	6946.	6741.	6089.	5746.	5141.	4627.	3981.	3218.	2431.	1887.
25.0	6203.	6129.	5580.	5211.	4778.	4189.	3638.	3073.	2531.	2013.
20.0	5331.	5275.	5029.	4670.	4297.	3857.	3328.	2872.	2512.	1977.
15.0	4495.	4451.	4307.	4022.	3714.	3408.	3094.	2783.	2536.	1994.
10.0	3541.	3523.	3462.	3341.	3173.	2998.	2838.	2682.	2368.	1997.
5.0	2877.	2870.	2835.	2800.	2716.	2605.	2465.	2290.	2131.	1944.
0.0	1907.	1907.	1907.	1907.	1907.	1907.	1907.	1907.	1907.	1907.
	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	17.	17.	17.	16.	14.	14.	13.	11.	10.	10.	10.
85.0	19.	19.	17.	16.	14.	14.	11.	10.	9.	9.	9.
82.5	26.	21.	17.	16.	14.	13.	11.	10.	7.	6.	6.
V 80.0	53.	26.	20.	16.	14.	13.	11.	9.	6.	6.	4.
E 77.5	90.	37.	20.	17.	14.	13.	10.	9.	6.	4.	4.
R 75.0	192.	61.	23.	17.	14.	13.	10.	9.	6.	4.	4.
T 72.5	243.	90.	24.	19.	14.	13.	10.	9.	6.	4.	4.
I 70.0	424.	162.	28.	19.	16.	13.	10.	9.	6.	4.	4.
C 67.5	676.	201.	37.	20.	20.	14.	10.	9.	6.	4.	4.
A 65.0	821.	226.	43.	21.	17.	16.	11.	9.	6.	6.	6.
L 63.0<<	814.	255.	46.	28.	17.	16.	13.	9.	7.	6.	7.
62.5	813.	266.	47.	30.	17.	16.	14.	9.	7.	6.	6.
A 60.0	826.	344.	48.	36.	17.	14.	19.	13.	7.	6.	6.
N 57.5	921.	403.	61.	37.	19.	16.	13.	19.	13.	10.	10.
G 55.0	996.	433.	85.	38.	23.	16.	14.	16.	17.	16.	16.
L 52.5	972.	473.	134.	38.	27.	19.	17.	16.	16.	16.	16.
E 50.0	966.	495.	189.	44.	33.	21.	20.	23.	16.	14.	13.
47.5	989.	531.	232.	56.	40.	24.	17.	17.	16.	14.	13.
45.0	1001.	584.	288.	58.	44.	27.	21.	14.	14.	13.	13.
42.5	1066.	645.	319.	61.	46.	33.	23.	17.	14.	13.	13.
40.0	1149.	705.	317.	83.	44.	43.	27.	26.	17.	14.	14.
37.5	1181.	781.	339.	148.	41.	44.	43.	33.	24.	21.	23.
35.0	1244.	857.	377.	233.	44.	43.	58.	51.	36.	31.	34.
30.0	1384.	991.	490.	316.	121.	51.	47.	50.	56.	57.	67.
25.0	1549.	1161.	697.	454.	339.	132.	58.	47.	44.	46.	50.
20.0	1577.	1255.	851.	547.	441.	327.	246.	141.	91.	78.	74.
15.0	1682.	1396.	1132.	746.	551.	455.	416.	367.	329.	309.	302.
10.0	1789.	1581.	1319.	1157.	881.	733.	648.	576.	549.	532.	517.
5.0	1842.	1742.	1564.	1445.	1368.	1305.	1265.	1211.	1189.	1143.	1120.
0.0	1907.	1907.	1907.	1907.	1907.	1907.	1907.	1907.	1907.	1907.	1907.

CONE OF MAXIMUM CANDELA

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5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	46
5- 10	137
10- 15	232
15- 20	339
20- 25	454
25- 30	579
30- 35	710
35- 40	854
40- 45	1000
45- 50	1148
50- 55	1291
55- 60	1482
60- 65	1627
65- 70	1618
70- 75	1316
75- 80	690
80- 85	147
85- 90	12
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	183
0- 20	754
0- 30	1786
0- 40	3350
0- 50	5498
0- 60	8270
0- 70	11516
0- 80	13522
0- 90	13680
0-100	13680
0-110	13680
0-120	13680
0-130	13680
0-140	13680
0-150	13680
0-160	13680
0-170	13680
0-180	13680