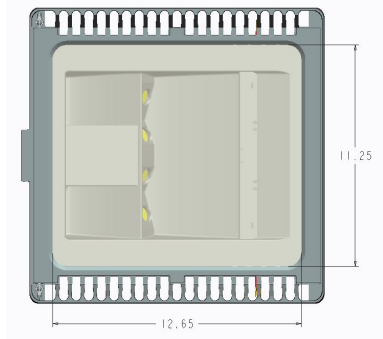
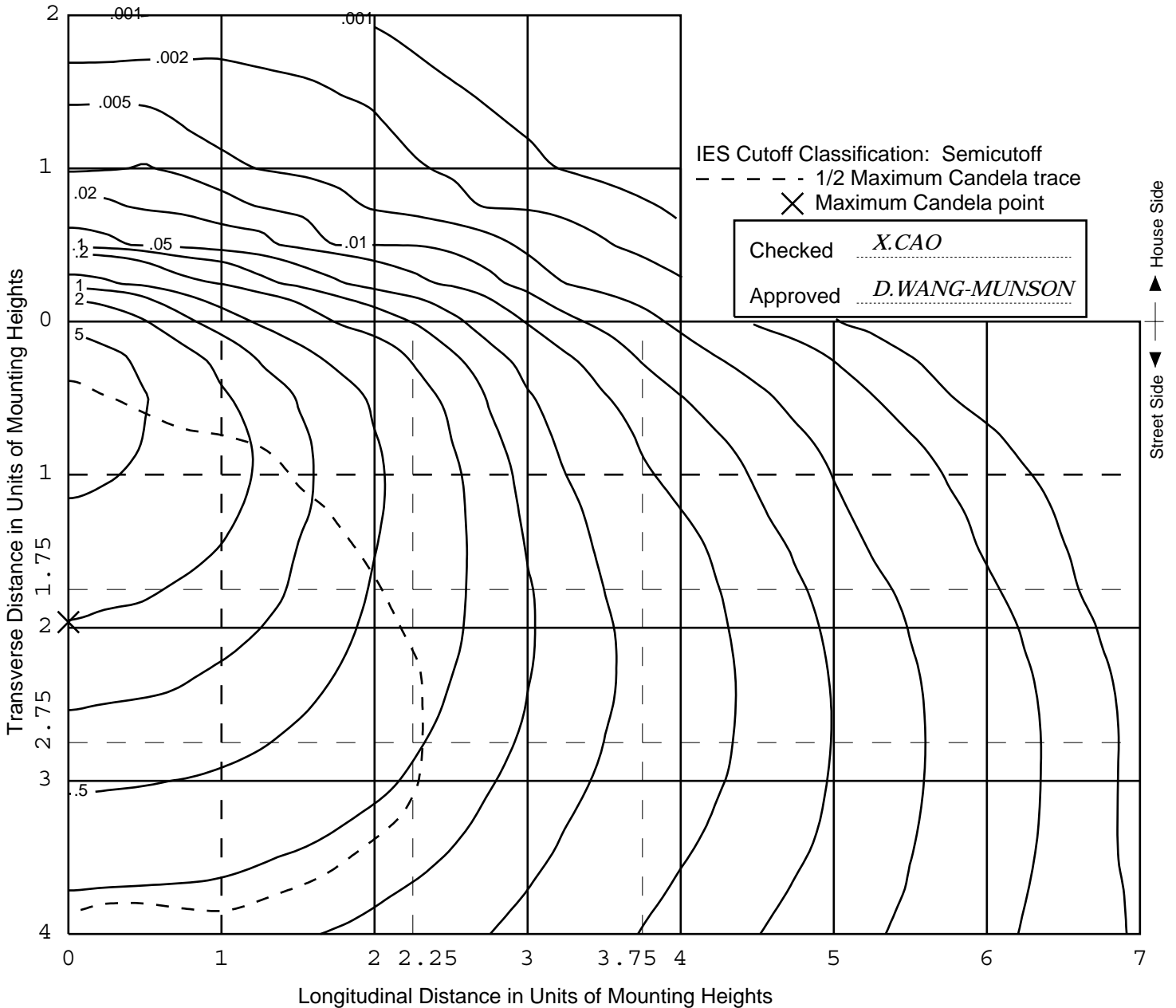


## ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

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: ALED4T125 - RWLED4T125  
 - RWLED4T125SF - WPLED4T125 (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)\*



REPORT NUMBER: PRORATED FROM RAB02138  
ISSUE DATE: 08/09/16  
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PAGE: 2 OF 9

#### 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 = 134.8 W AT 120.0 VAC.

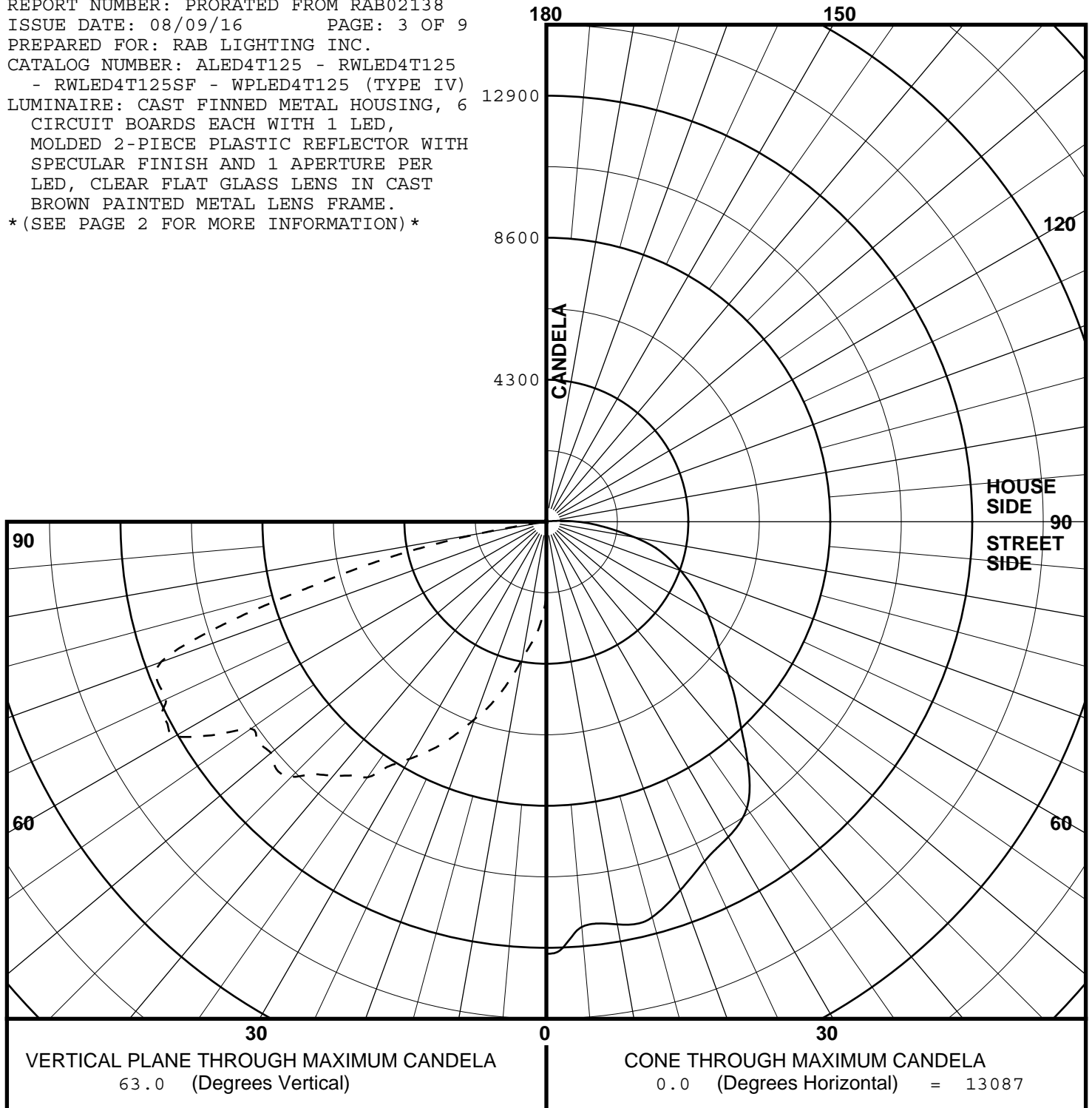
LED DRIVER: RD-085-A1750 X 2

TEST PROCEDURE: IESNA LM-79-08

TEST DISTANCE : 28.25 FEET

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

REPORT NUMBER: PRORATED FROM RAB02138  
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 CATALOG NUMBER: ALED4T125 - RWLED4T125  
 - RWLED4T125SF - WPLED4T125 (TYPE IV)  
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 BROWN PAINTED METAL LENS FRAME.  
 \*(SEE PAGE 2 FOR MORE INFORMATION)\*

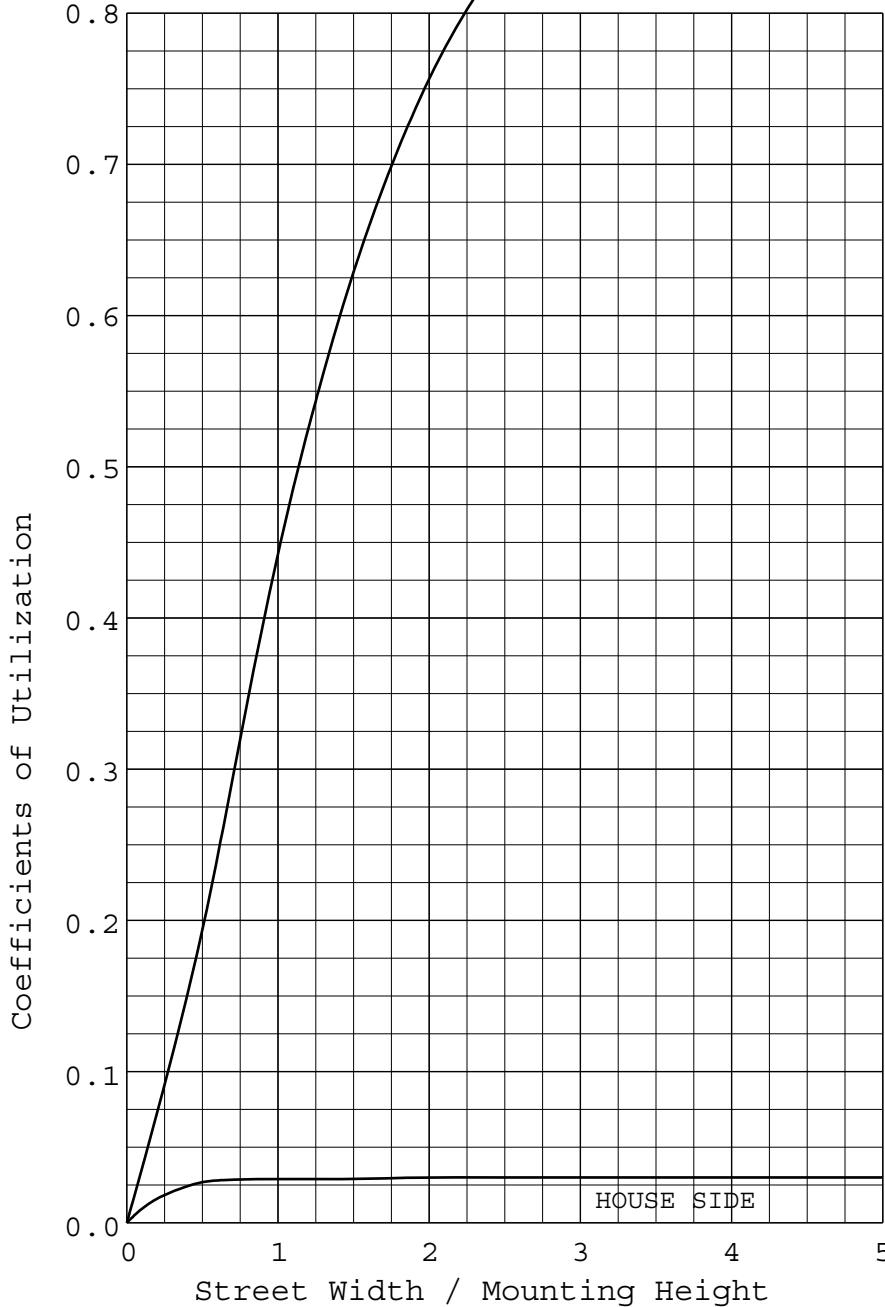


STREET SIDE

REPORT NUMBER: PRORATED FROM RAB02138  
 ISSUE DATE: 08/09/16  
 PREPARED FOR: RAB LIGHTING INC.

PAGE: 4 OF 9

COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	15824.	96.9
DOWNWARD HOUSE SIDE	505.	3.1
DOWNWARD TOTAL	16328.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	16328.	100.0

TOTAL INPUT WATTS = 134.8  
 EFFICACY = 121.1 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 RAB02138  
 ISSUE DATE: 08/09/16  
 PREPARED FOR: RAB LIGHTING INC.

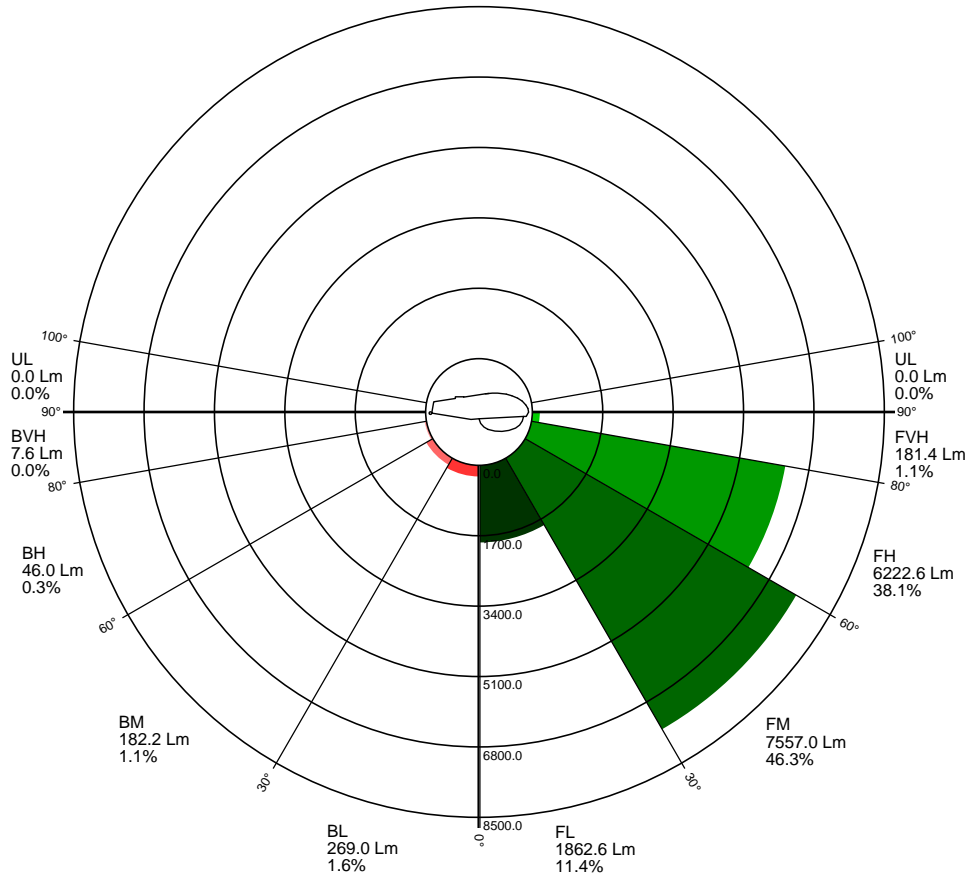
PAGE: 5 OF 9

BUG Rating:			B1	U0	G3
Zonal Summary		Lumens	% of Fixture		
			Zone Ratings		
			B	U	G
Forward		15824	96.9		
FL	(0° - 30°)	1862.6	11.4		
FM	(30° - 60°)	7557.0	46.3		
FH	(60° - 80°)	6222.6	38.1		
FVH	(80° - 90°)	181.4	1.1		
Backward		505	3.1		
BL	(0° - 30°)	269.0	1.6		
BM	(30° - 60°)	182.2	1.1		
BH	(60° - 80°)	46.0	0.3		
BVH	(80° - 90°)	7.6	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		16328	100.0		

## Zonal Lumen Summary

(Linear scale)

UH  
0.0 Lm  
0.0%

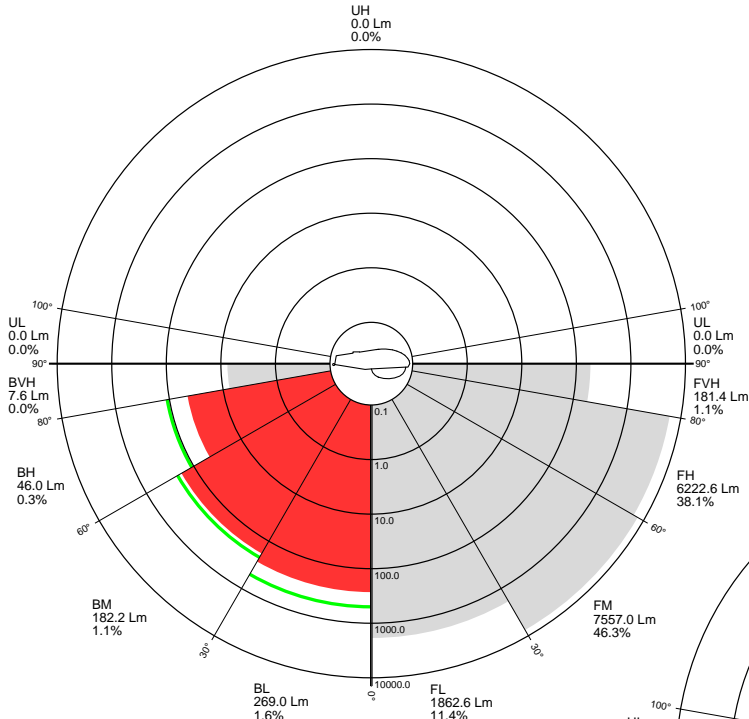


REPORT NUMBER: PRORATED FROM RAB02138  
 ISSUE DATE: 08/09/16  
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PAGE: 6 OF 9

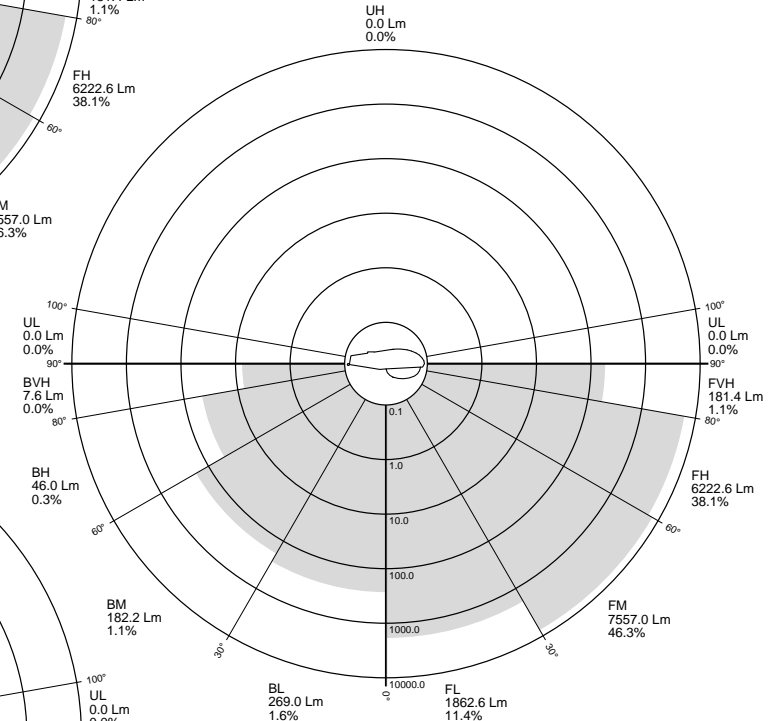
### Backlight Rating Details

(Logarithmic scale)



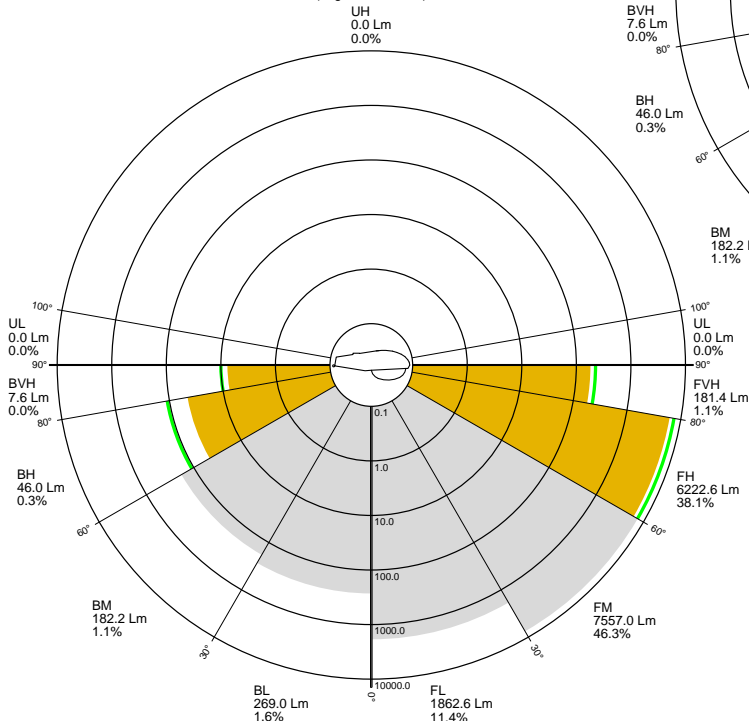
### Uplight Rating Details

(Logarithmic scale)



### Glare Rating Details

(Logarithmic scale)



REPORT NUMBER: PRORATED FROM RAB02138  
 ISSUE DATE: 08/09/16  
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PAGE: 7 OF 9

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	37.	29.	32.	34.	22.	19.	24.	22.	22.	22.
85.0	61.	61.	151.	228.	190.	107.	82.	65.	41.	24.
82.5	257.	243.	469.	674.	868.	683.	477.	255.	104.	36.
V 80.0	2057.	1967.	2462.	2531.	2254.	1752.	1556.	996.	408.	138.
E 77.5	4585.	4385.	5034.	4935.	4621.	3501.	2582.	1570.	749.	301.
R 75.0	6966.	6726.	7399.	7445.	7096.	5297.	3488.	1933.	914.	394.
T 72.5	10110.	10007.	10270.	10188.	8817.	6770.	4480.	2533.	1356.	622.
I 70.0	12429.	12113.	11899.	11254.	9711.	7316.	5493.	3702.	2129.	1016.
C 67.5	12735.	12378.	12310.	11240.	10246.	7684.	5989.	4701.	2920.	1444.
A 65.0	12701.	12130.	12395.	11350.	10430.	7781.	6323.	4850.	3376.	1723.
L 63.0 <<	13087.	12312.	12397.	11339.	10588.	8226.	6320.	4995.	3648.	1735.
62.5	13012.	12242.	12368.	11296.	10606.	8360.	6323.	4983.	3699.	1704.
A 60.0	12987.	11972.	11782.	11074.	10450.	9052.	6570.	4856.	3731.	1594.
N 57.5	12033.	11029.	10887.	10510.	9679.	8924.	6952.	4816.	3484.	1573.
G 55.0	10926.	10168.	10163.	9944.	8775.	8805.	7057.	4823.	3175.	1648.
L 52.5	10994.	10363.	9979.	9538.	8646.	8170.	6554.	4726.	3065.	1655.
E 50.0	10893.	10413.	10007.	9198.	8177.	7310.	6094.	4524.	3165.	1718.
47.5	11094.	10645.	9893.	9162.	8182.	6991.	5792.	4351.	3240.	1777.
45.0	10927.	10571.	9850.	8996.	7810.	6701.	5462.	4249.	3053.	1826.
42.5	10363.	10122.	9623.	8580.	7356.	6441.	5316.	4142.	2927.	1903.
40.0	10036.	9821.	9295.	8163.	7120.	6216.	5277.	4108.	2839.	1933.
37.5	9684.	9436.	8884.	7832.	6801.	6060.	5168.	4132.	2866.	1976.
35.0	9448.	9094.	8252.	7497.	6515.	5922.	5064.	4009.	2909.	2112.
30.0	8291.	8046.	7268.	6859.	6136.	5523.	4752.	3841.	2902.	2253.
25.0	7404.	7316.	6660.	6220.	5703.	5000.	4342.	3668.	3021.	2402.
20.0	6362.	6296.	6002.	5574.	5129.	4604.	3972.	3428.	2999.	2360.
15.0	5365.	5313.	5141.	4801.	4432.	4067.	3693.	3321.	3027.	2380.
10.0	4227.	4205.	4132.	3987.	3787.	3578.	3388.	3201.	2827.	2384.
5.0	3434.	3425.	3384.	3342.	3242.	3109.	2943.	2734.	2543.	2321.
0.0	2277.	2277.	2277.	2277.	2277.	2277.	2277.	2277.	2277.	2277.
	PLANE OF MAXIMUM CANDELA									
	CONE OF MAXIMUM CANDELA									



REPORT NUMBER: PRORATED FROM RAB02138  
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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	20.	20.	20.	19.	17.	17.	15.	14.	12.	12.	12.
85.0	22.	22.	20.	19.	17.	17.	14.	12.	10.	10.	10.
82.5	31.	25.	20.	19.	17.	15.	14.	12.	8.	7.	7.
V 80.0	63.	31.	24.	19.	17.	15.	14.	10.	7.	7.	5.
E 77.5	107.	44.	24.	20.	17.	15.	12.	10.	7.	5.	5.
R 75.0	229.	73.	27.	20.	17.	15.	12.	10.	7.	5.	5.
T 72.5	291.	107.	29.	22.	17.	15.	12.	10.	7.	5.	5.
I 70.0	506.	194.	34.	22.	19.	15.	12.	10.	7.	5.	5.
C 67.5	807.	240.	44.	24.	24.	17.	12.	10.	7.	5.	5.
A 65.0	980.	270.	51.	25.	20.	19.	14.	10.	7.	7.	7.
L 63.0<<	972.	304.	54.	34.	20.	19.	15.	10.	8.	7.	8.
62.5	970.	318.	56.	36.	20.	19.	17.	10.	8.	7.	7.
A 60.0	985.	411.	58.	42.	20.	17.	22.	15.	8.	7.	7.
N 57.5	1099.	481.	73.	44.	22.	19.	15.	22.	15.	12.	12.
G 55.0	1189.	516.	102.	46.	27.	19.	17.	19.	20.	19.	19.
L 52.5	1160.	564.	160.	46.	32.	22.	20.	19.	19.	19.	19.
E 50.0	1154.	591.	226.	53.	39.	25.	24.	27.	19.	17.	15.
47.5	1181.	634.	277.	66.	48.	29.	20.	20.	19.	17.	15.
45.0	1194.	697.	343.	70.	53.	32.	25.	17.	17.	15.	15.
42.5	1272.	770.	381.	73.	54.	39.	27.	20.	17.	15.	15.
40.0	1371.	841.	379.	99.	53.	51.	32.	31.	20.	17.	17.
37.5	1410.	933.	404.	177.	49.	53.	51.	39.	29.	25.	27.
35.0	1485.	1023.	450.	279.	53.	51.	70.	61.	42.	37.	41.
30.0	1651.	1182.	584.	377.	144.	61.	56.	59.	66.	68.	80.
25.0	1848.	1386.	832.	542.	404.	158.	70.	56.	53.	54.	59.
20.0	1882.	1498.	1016.	652.	527.	391.	294.	168.	109.	93.	88.
15.0	2008.	1667.	1351.	890.	657.	544.	496.	438.	392.	369.	360.
10.0	2136.	1887.	1575.	1381.	1052.	875.	773.	688.	656.	635.	617.
5.0	2198.	2079.	1867.	1724.	1633.	1558.	1510.	1446.	1419.	1364.	1337.
0.0	2277.	2277.	2277.	2277.	2277.	2277.	2277.	2277.	2277.	2277.	2277.

CONE OF MAXIMUM CANDELA



REPORT NUMBER: PRORATED FROM RAB02138  
ISSUE DATE: 08/09/16  
PREPARED FOR: RAB LIGHTING INC.

PAGE: 9 OF 9

5-DEGREE  
ZONAL LUMEN SUMMARY

0- 5	55
5- 10	163
10- 15	277
15- 20	404
20- 25	542
25- 30	691
30- 35	847
35- 40	1019
40- 45	1193
45- 50	1371
50- 55	1541
55- 60	1768
60- 65	1943
65- 70	1932
70- 75	1571
75- 80	824
80- 85	175
85- 90	14
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	218
0- 20	899
0- 30	2132
0- 40	3998
0- 50	6562
0- 60	9871
0- 70	13745
0- 80	16139
0- 90	16328
0-100	16328
0-110	16328
0-120	16328
0-130	16328
0-140	16328
0-150	16328
0-160	16328
0-170	16328
0-180	16328