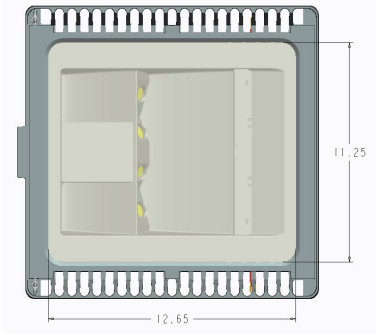
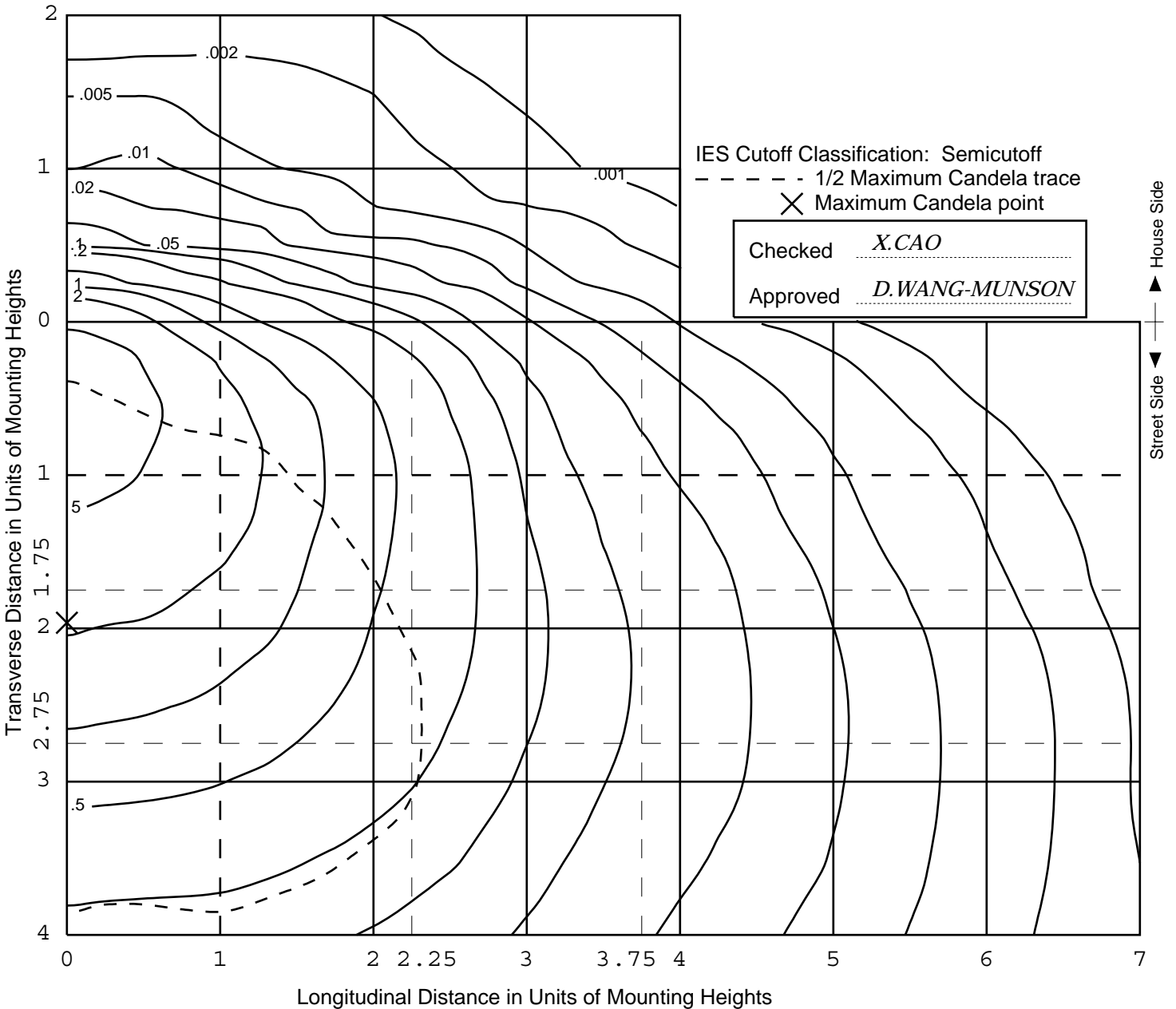


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

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: ALED4T150 - RWLED4T150
 - RWLED4T150SF - WPLED4T150 (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
PREPARED FOR: RAB LIGHTING INC.

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 = 155.8 W AT 120.0 VAC.

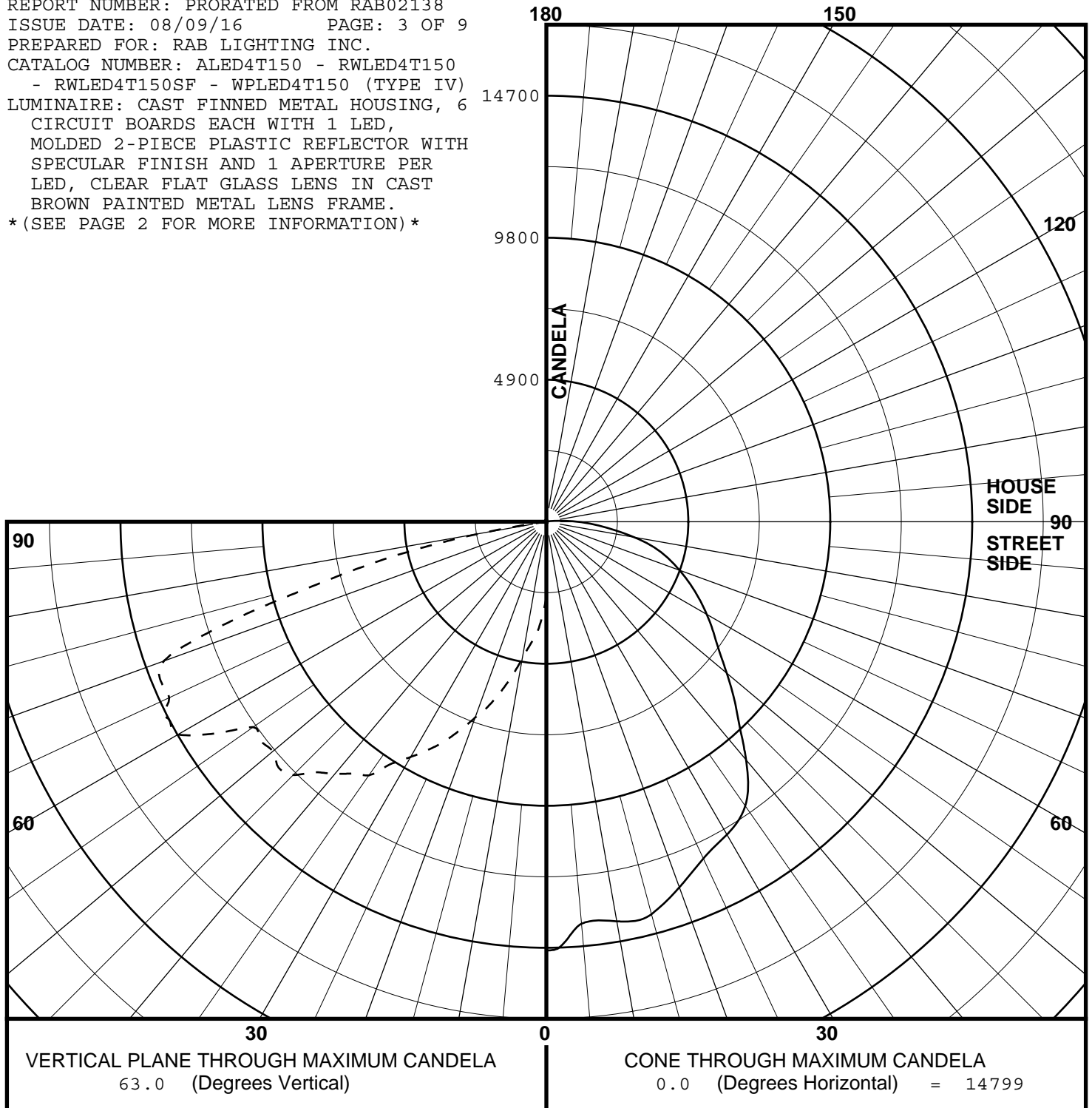
LED DRIVER: RD-085-A2000 X 2

TEST PROCEDURE: IESNA LM-79-08

TEST DISTANCE : 28.25 FEET

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

REPORT NUMBER: PRORATED FROM RAB02138
 ISSUE DATE: 08/09/16 PAGE: 3 OF 9
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: ALED4T150 - RWLED4T150
 - RWLED4T150SF - WPLED4T150 (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)

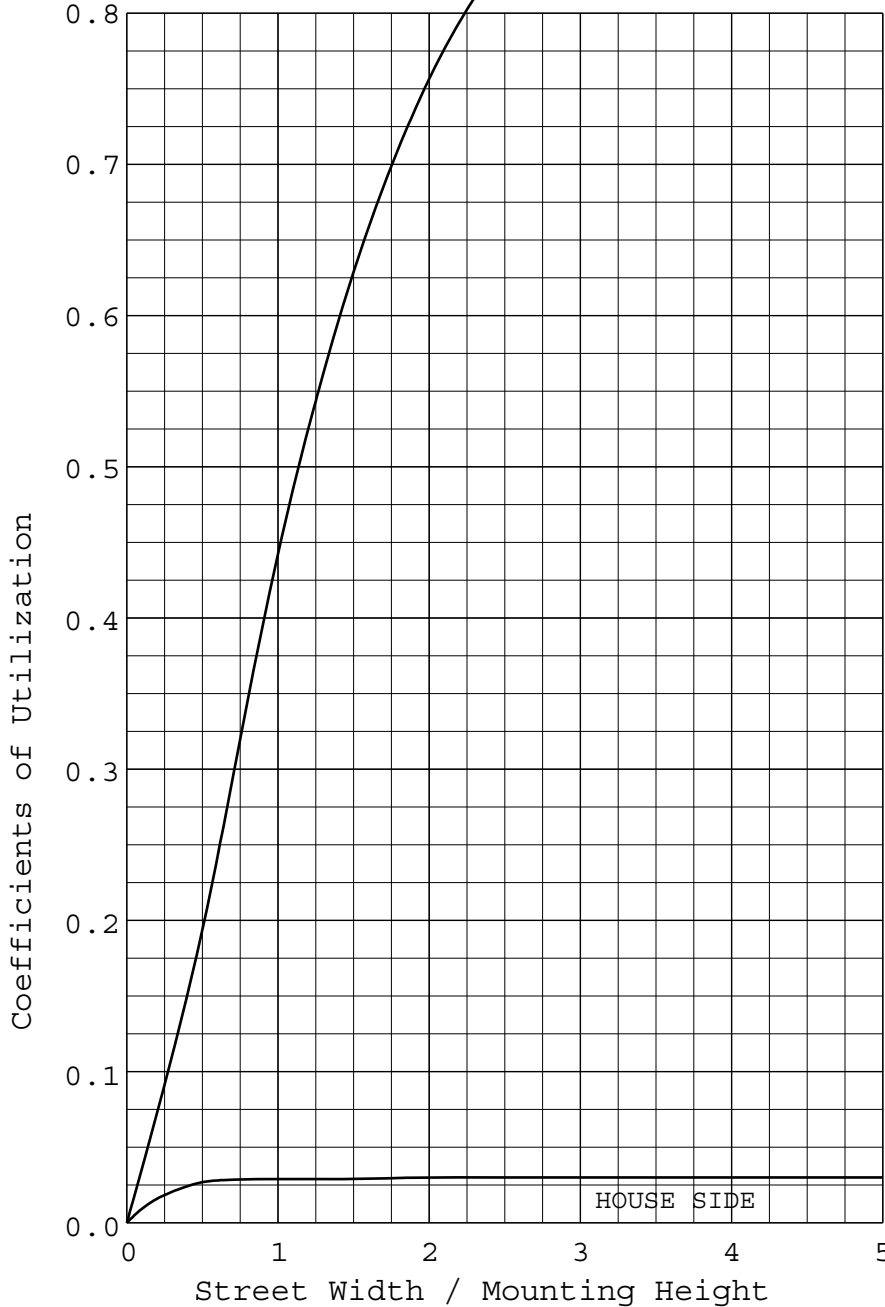


STREET SIDE

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	17894.	96.9
DOWNWARD HOUSE SIDE	571.	3.1
DOWNWARD TOTAL	18464.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	18464.	100.0

TOTAL INPUT WATTS = 155.8
 EFFICACY = 118.5 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.

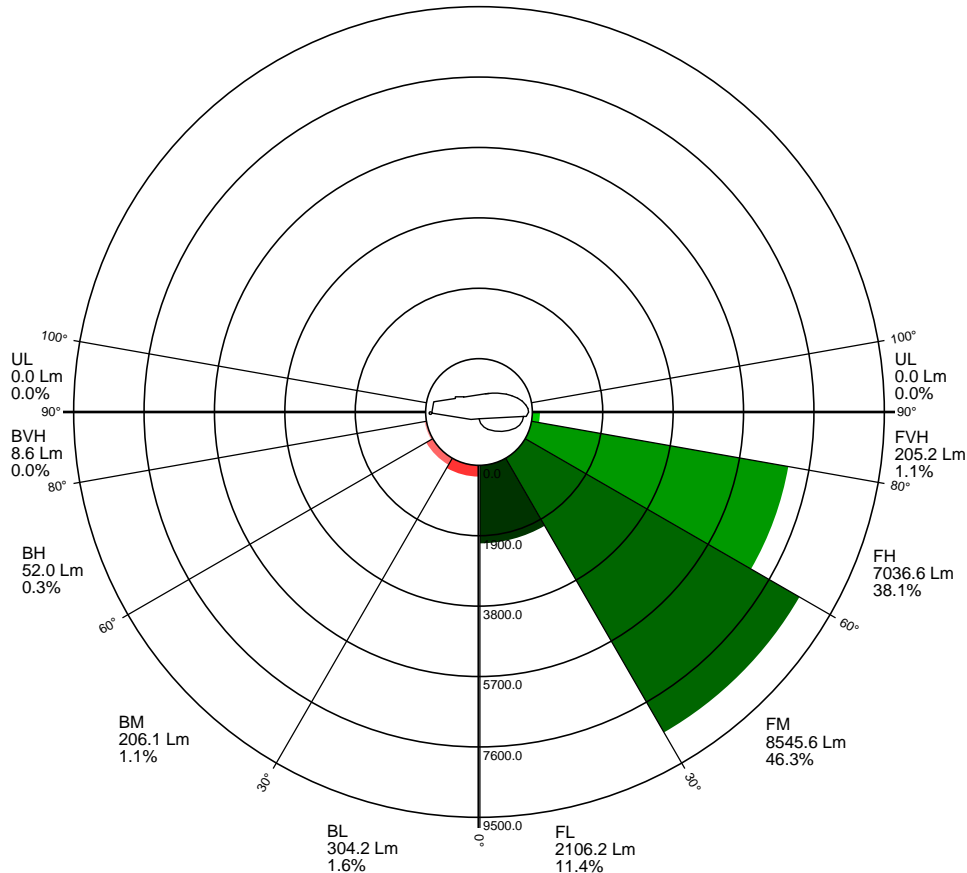
PAGE: 5 OF 9

BUG Rating:			B1	U0	G3
Zonal Summary		Lumens	% of Fixture		
			Zone Ratings		
			B	U	G
Forward		17894	96.9		
FL	(0° - 30°)	2106.2	11.4		
FM	(30° - 60°)	8545.6	46.3		
FH	(60° - 80°)	7036.6	38.1		
FVH	(80° - 90°)	205.2	1.1		
Backward		571	3.1		
BL	(0° - 30°)	304.2	1.6		
BM	(30° - 60°)	206.1	1.1		
BH	(60° - 80°)	52.0	0.3		
BVH	(80° - 90°)	8.6	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		18465	100.0		

Zonal Lumen Summary

(Linear scale)

UH
0.0 Lm
0.0%

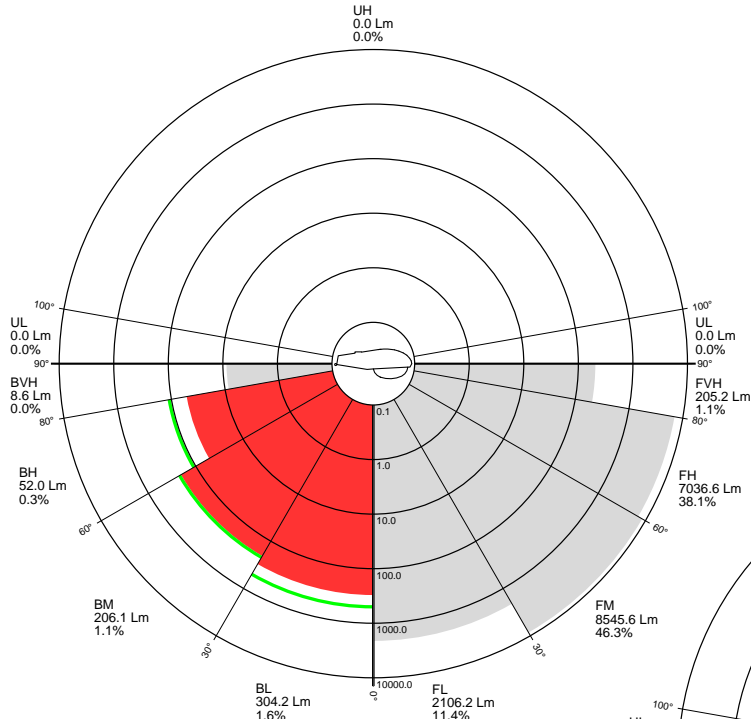


REPORT NUMBER: PRORATED FROM RAB02138
 ISSUE DATE: 08/09/16
 PREPARED FOR: RAB LIGHTING INC.

PAGE: 6 OF 9

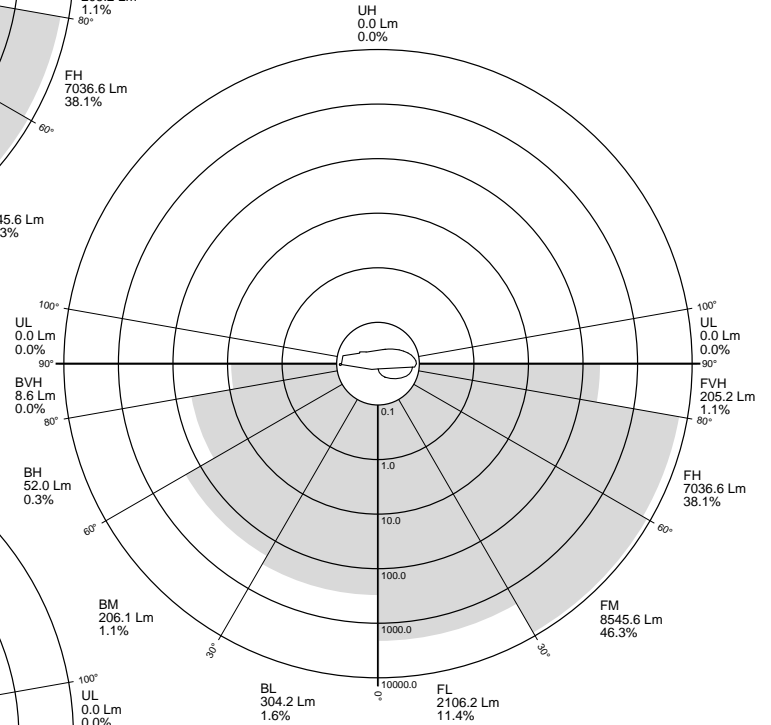
Backlight Rating Details

(Logarithmic scale)



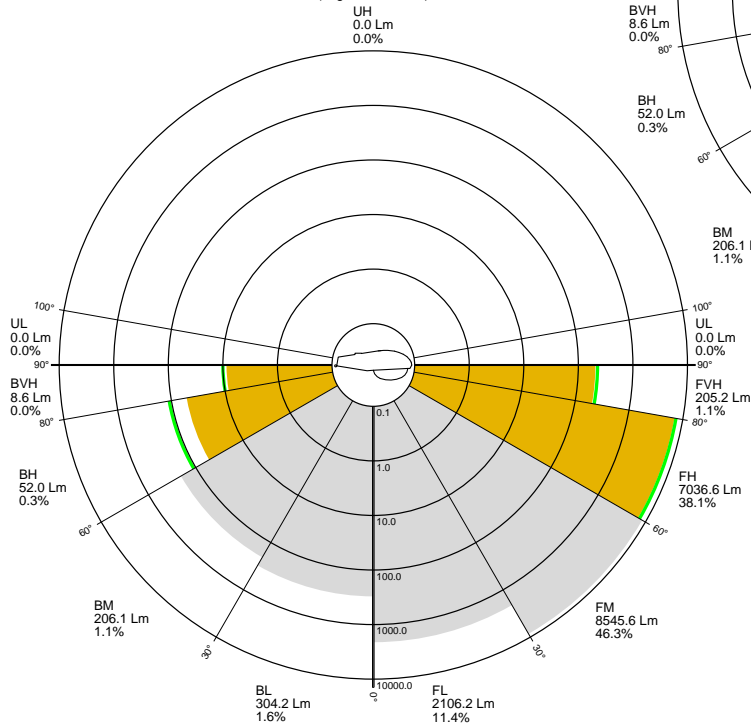
Uplight Rating Details

(Logarithmic scale)



Glare Rating Details

(Logarithmic scale)



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

PAGE: 7 OF 9

CANDELA TABULATION

	STREET SIDE										
	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	42.	33.	37.	38.	25.	21.	27.	25.	25.	25.
	85.0	69.	69.	171.	257.	215.	121.	92.	73.	46.	27.
	82.5	290.	275.	530.	763.	982.	772.	540.	288.	117.	40.
V	80.0	2327.	2225.	2784.	2863.	2549.	1981.	1760.	1126.	461.	156.
E	77.5	5185.	4959.	5692.	5581.	5226.	3960.	2920.	1775.	847.	340.
R	75.0	7877.	7606.	8367.	8419.	8025.	5990.	3944.	2186.	1034.	446.
T	72.5	11433.	11316.	11613.	11521.	9971.	7656.	5066.	2864.	1533.	703.
I	70.0	14055.	13698.	13456.	12726.	10981.	8273.	6211.	4186.	2407.	1149.
C	67.5	14401.	13998.	13921.	12710.	11587.	8689.	6772.	5316.	3302.	1633.
A	65.0	14363.	13717.	14017.	12835.	11794.	8799.	7151.	5485.	3817.	1948.
L	63.0	14799.	13923.	14019.	12822.	11973.	9302.	7147.	5648.	4125.	1962.
	62.5	14714.	13844.	13986.	12774.	11994.	9454.	7151.	5635.	4182.	1927.
A	60.0	14685.	13538.	13323.	12522.	11817.	10236.	7429.	5491.	4219.	1802.
N	57.5	13608.	12472.	12311.	11884.	10945.	10092.	7861.	5447.	3940.	1779.
G	55.0	12355.	11498.	11492.	11245.	9923.	9957.	7981.	5454.	3591.	1864.
L	52.5	12432.	11719.	11285.	10785.	9777.	9239.	7412.	5345.	3466.	1871.
E	50.0	12319.	11775.	11316.	10401.	9247.	8267.	6891.	5116.	3579.	1942.
	47.5	12545.	12038.	11187.	10361.	9252.	7906.	6549.	4920.	3664.	2010.
	45.0	12357.	11953.	11139.	10173.	8832.	7577.	6177.	4805.	3452.	2065.
	42.5	11719.	11446.	10881.	9702.	8319.	7283.	6011.	4684.	3310.	2152.
	40.0	11348.	11106.	10511.	9231.	8052.	7030.	5967.	4645.	3210.	2186.
	37.5	10951.	10670.	10046.	8857.	7690.	6853.	5844.	4672.	3241.	2234.
	35.0	10684.	10284.	9331.	8478.	7368.	6697.	5727.	4534.	3289.	2388.
	30.0	9375.	9099.	8219.	7756.	6939.	6246.	5373.	4344.	3281.	2547.
	25.0	8372.	8273.	7531.	7033.	6449.	5654.	4910.	4148.	3416.	2717.
	20.0	7195.	7120.	6787.	6303.	5800.	5206.	4492.	3877.	3391.	2668.
	15.0	6067.	6007.	5813.	5429.	5012.	4599.	4177.	3756.	3424.	2692.
	10.0	4780.	4755.	4672.	4509.	4282.	4046.	3831.	3619.	3197.	2695.
	5.0	3883.	3873.	3827.	3779.	3666.	3516.	3327.	3091.	2876.	2624.
	0.0	2574.	2574.	2574.	2574.	2574.	2574.	2574.	2574.	2574.	2574.
	PLANE OF MAXIMUM CANDELA										
	CONE OF MAXIMUM CANDELA										

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

PAGE: 8 OF 9

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	23.	23.	23.	21.	19.	19.	17.	15.	13.	13.	13.
85.0	25.	25.	23.	21.	19.	19.	15.	13.	12.	12.	12.
82.5	35.	29.	23.	21.	19.	17.	15.	13.	10.	8.	8.
V 80.0	71.	35.	27.	21.	19.	17.	15.	12.	8.	8.	6.
E 77.5	121.	50.	27.	23.	19.	17.	13.	12.	8.	6.	6.
R 75.0	259.	83.	31.	23.	19.	17.	13.	12.	8.	6.	6.
T 72.5	329.	121.	33.	25.	19.	17.	13.	12.	8.	6.	6.
I 70.0	573.	219.	38.	25.	21.	17.	13.	12.	8.	6.	6.
C 67.5	913.	271.	50.	27.	27.	19.	13.	12.	8.	6.	6.
A 65.0	1109.	305.	58.	29.	23.	21.	15.	12.	8.	8.	8.
L 63.0<<	1099.	344.	61.	38.	23.	21.	17.	12.	10.	8.	10.
62.5	1097.	359.	63.	40.	23.	21.	19.	12.	10.	8.	8.
A 60.0	1114.	465.	65.	48.	23.	19.	25.	17.	10.	8.	8.
N 57.5	1243.	544.	83.	50.	25.	21.	17.	25.	17.	13.	13.
G 55.0	1345.	584.	115.	52.	31.	21.	19.	21.	23.	21.	21.
L 52.5	1312.	638.	181.	52.	37.	25.	23.	21.	21.	21.	21.
E 50.0	1304.	669.	256.	60.	44.	29.	27.	31.	21.	19.	17.
47.5	1335.	717.	313.	75.	54.	33.	23.	23.	21.	19.	17.
45.0	1351.	788.	388.	79.	60.	37.	29.	19.	19.	17.	17.
42.5	1439.	870.	430.	83.	61.	44.	31.	23.	19.	17.	17.
40.0	1550.	951.	428.	111.	60.	58.	37.	35.	23.	19.	19.
37.5	1595.	1055.	457.	200.	56.	60.	58.	44.	33.	29.	31.
35.0	1679.	1157.	509.	315.	60.	58.	79.	69.	48.	42.	46.
30.0	1867.	1337.	661.	426.	163.	69.	63.	67.	75.	77.	90.
25.0	2090.	1568.	941.	613.	457.	179.	79.	63.	60.	61.	67.
20.0	2129.	1694.	1149.	738.	596.	442.	332.	190.	123.	106.	100.
15.0	2271.	1885.	1527.	1007.	743.	615.	561.	496.	444.	417.	407.
10.0	2415.	2134.	1781.	1562.	1189.	989.	874.	778.	742.	719.	697.
5.0	2486.	2352.	2111.	1950.	1846.	1762.	1708.	1635.	1604.	1543.	1512.
0.0	2574.	2574.	2574.	2574.	2574.	2574.	2574.	2574.	2574.	2574.	2574.

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	62
5- 10	185
10- 15	314
15- 20	457
20- 25	612
25- 30	781
30- 35	958
35- 40	1152
40- 45	1349
45- 50	1550
50- 55	1742
55- 60	2000
60- 65	2197
65- 70	2184
70- 75	1776
75- 80	931
80- 85	198
85- 90	16
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	247
0- 20	1017
0- 30	2410
0- 40	4521
0- 50	7420
0- 60	11162
0- 70	15543
0- 80	18251
0- 90	18464
0-100	18464
0-110	18464
0-120	18464
0-130	18464
0-140	18464
0-150	18464
0-160	18464
0-170	18464
0-180	18464