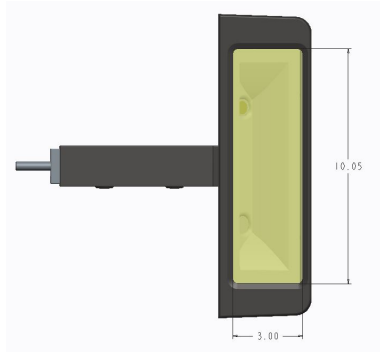


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

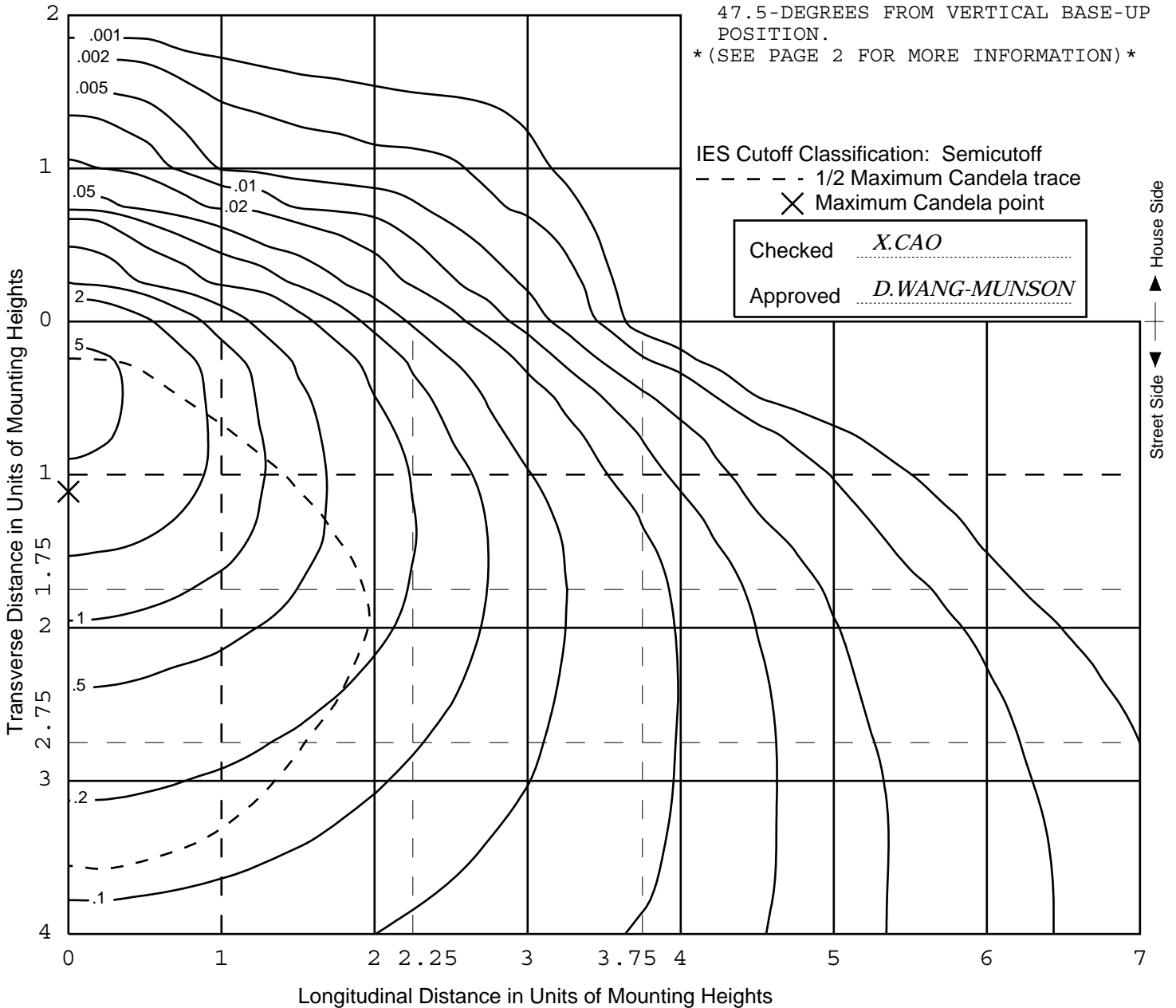
Values based on 20 foot mounting height.



REPORT NUMBER: PRORATED FROM RAB02608
 ISSUE DATE: 10/27/16 PAGE: 1 OF 9
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: ALEDC52N/WPLEDC52N
 (7.5-DEGREE UPTILT - CUTOFF)
 LUMINAIRE: CAST FINNED METAL HOUSING,
 2-PIECE EXTRUDED METAL HEAT SINK, 2
 CIRCUIT BOARDS EACH WITH 1 LED,
 MOLDED PLASTIC REFLECTOR WITH
 SPECULAR FINISH AND 1 OPTICAL
 COMPARTMENT WITH 1 APERTURE PER LED,
 CLEAR FLAT GLASS LENS IN CAST BROWN
 PAINTED METAL FRAME.
 LAMPS: TWO WHITE MULTI-CHIP LIGHT
 EMITTING DIODES (LEDs), TILTED
 47.5-DEGREES FROM VERTICAL BASE-UP
 POSITION.

(SEE PAGE 2 FOR MORE INFORMATION)

IES Cutoff Classification: Semicutoff
 - - - - 1/2 Maximum Candela trace
 X Maximum Candela point



REPORT NUMBER: PRORATED FROM RAB02608
ISSUE DATE: 10/27/16
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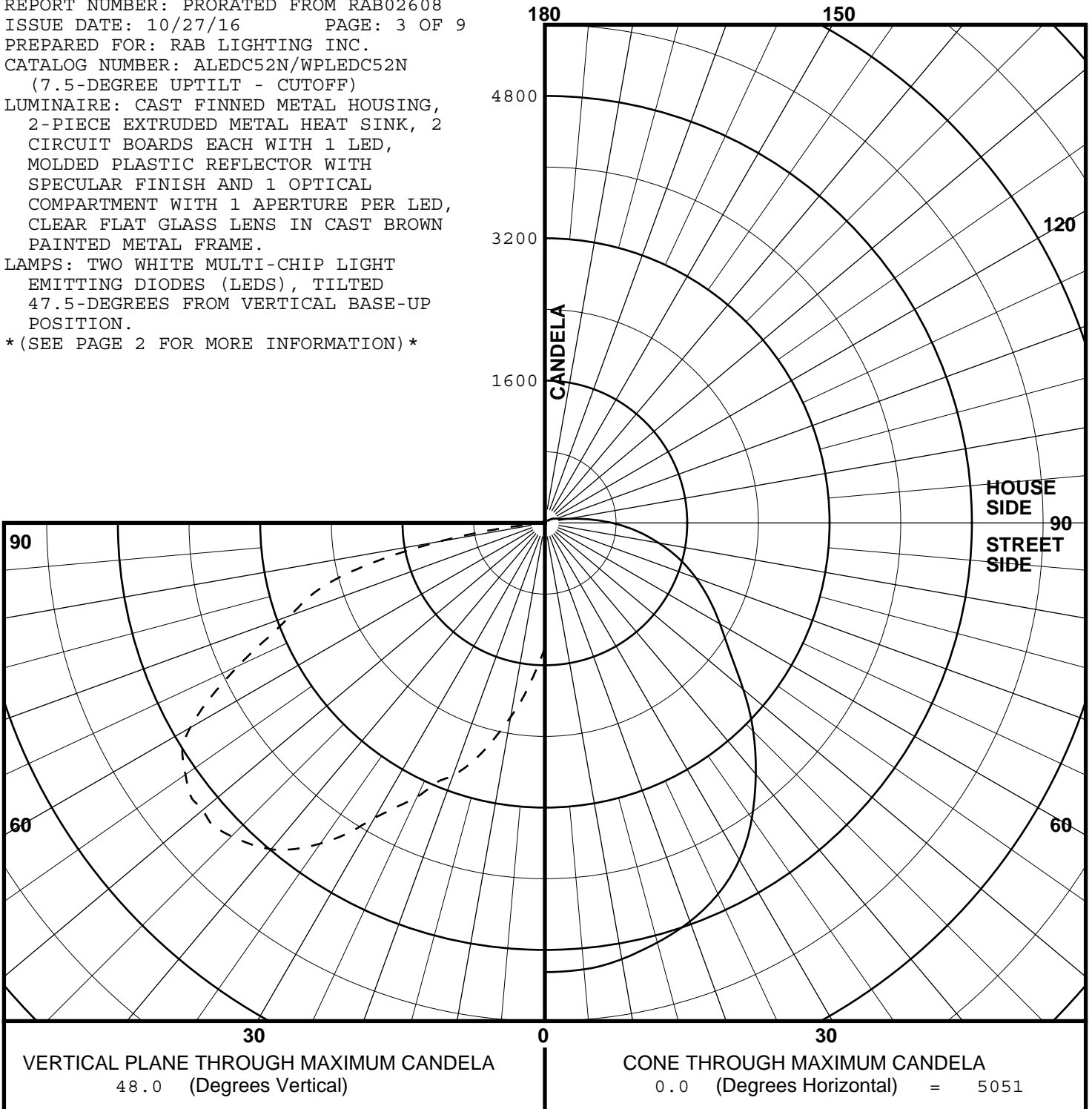
PAGE: 2 OF 9

ADDITIONAL INFORMATION

NOTE: THIS REPORT WAS PRORATED FROM RAB02608 WHICH WAS
ALED52Y/WPLEDC52Y. ACTUAL PERFORMANCE MAY VARY.
TOTAL INPUT WATTS = 58.2 W AT 120.0 VAC.
LED DRIVER: RD-052-A1400-R
TEST PROCEDURE: IESNA LM-79-08

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

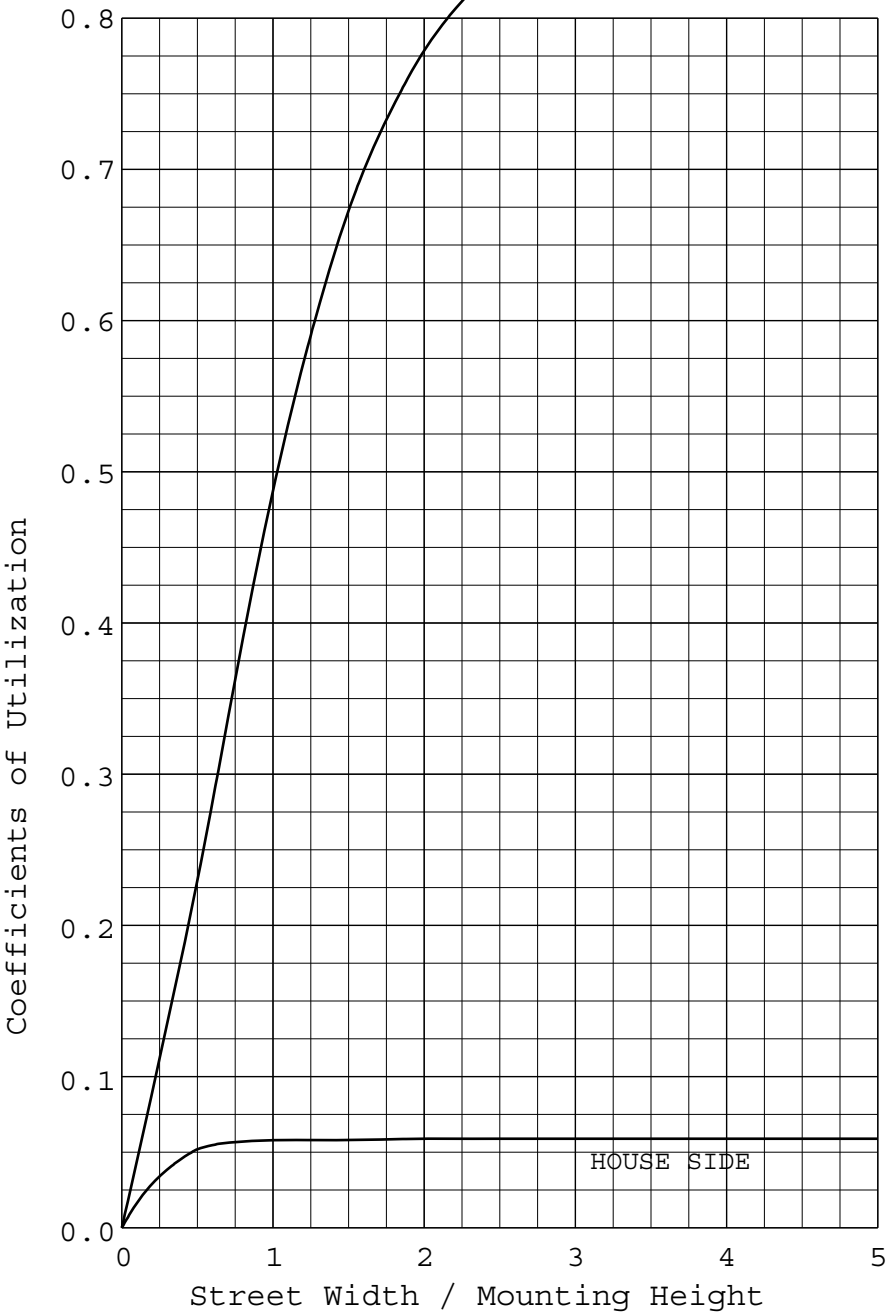
REPORT NUMBER: PRORATED FROM RAB02608
ISSUE DATE: 10/27/16 PAGE: 3 OF 9
PREPARED FOR: RAB LIGHTING INC.
CATALOG NUMBER: ALEDC52N/WPLEDC52N
(7.5-DEGREE UPTILT - CUTOFF)
LUMINAIRE: CAST FINNED METAL HOUSING,
2-PIECE EXTRUDED METAL HEAT SINK, 2
CIRCUIT BOARDS EACH WITH 1 LED,
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POSITION.
(SEE PAGE 2 FOR MORE INFORMATION)



REPORT NUMBER: PRORATED FROM RAB02608
ISSUE DATE: 10/27/16
PREPARED FOR: RAB LIGHTING INC.

PAGE: 4 OF 9

COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	6801.	94.0
DOWNWARD HOUSE SIDE	431.	6.0
DOWNWARD TOTAL	7232.	100.0
UPWARD STREET SIDE	1.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	1.	0.0
TOTAL FLUX	7233.	100.0
TOTAL INPUT WATTS = 58.2		
EFFICACY = 124.3 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 RAB02608
 ISSUE DATE: 10/27/16
 PREPARED FOR: RAB LIGHTING INC.

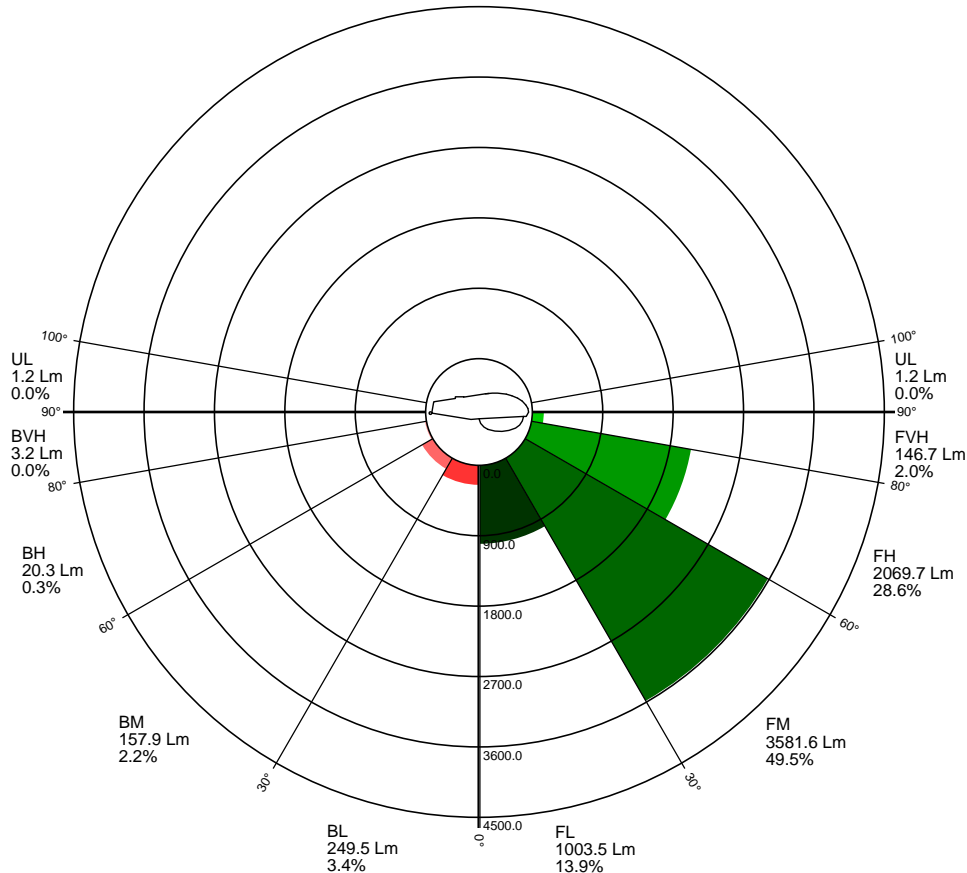
PAGE: 5 OF 9

BUG Rating:				B1	U1	G2
Zonal Summary				Zone Ratings		
		Lumens	% of Fixture	B	U	G
Forward		6801	94.0			
FL	(0° - 30°)	1003.5	13.9			
FM	(30° - 60°)	3581.6	49.5			
FH	(60° - 80°)	2069.7	28.6			G2
FVH	(80° - 90°)	146.7	2.0			G2
Backward		431	6.0			
BL	(0° - 30°)	249.5	3.4	B1		
BM	(30° - 60°)	157.9	2.2	B0		
BH	(60° - 80°)	20.3	0.3	B0		G0
BVH	(80° - 90°)	3.2	0.0			G0
Upward		1	0.0			
UL	(90° - 100°)	1.2	0.0		U1	
UH	(100° - 180°)	0.0	0.0		U0	
Trapped Light		0	0.0			
Total Flux		7234	100.0			

Zonal Lumen Summary

(Linear scale)

UH
0.0 Lm
0.0%

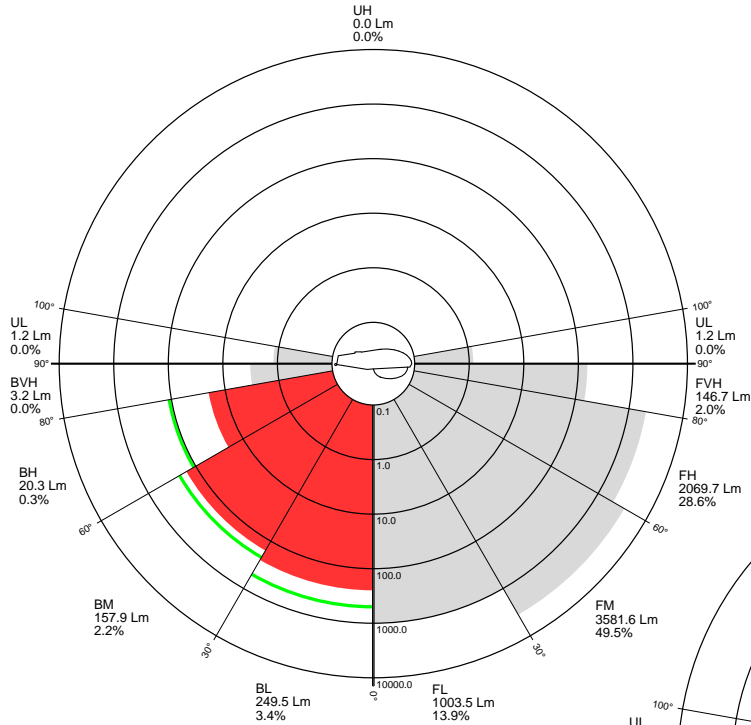


REPORT NUMBER: PRORATED FROM RAB02608
 ISSUE DATE: 10/27/16
 PREPARED FOR: RAB LIGHTING INC.

PAGE: 6 OF 9

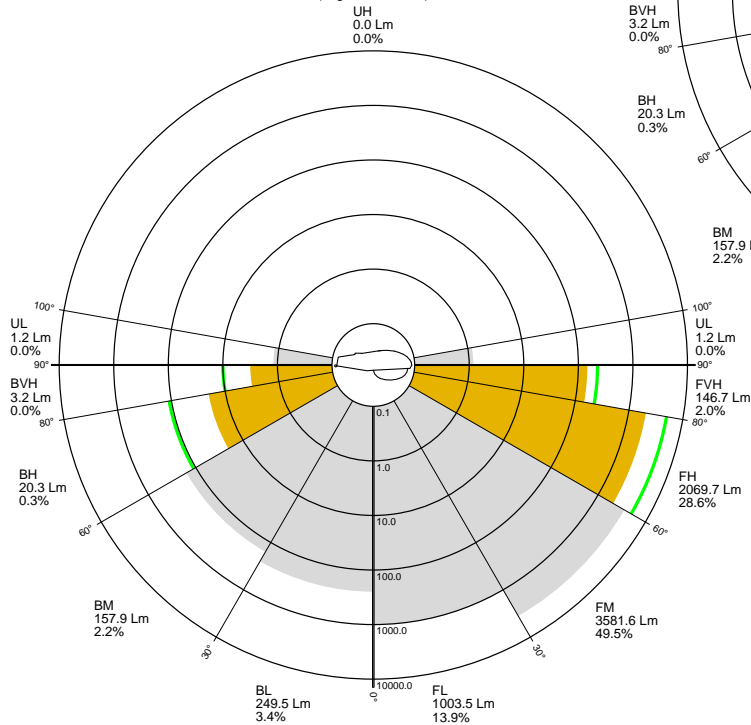
Backlight Rating Details

(Logarithmic scale)



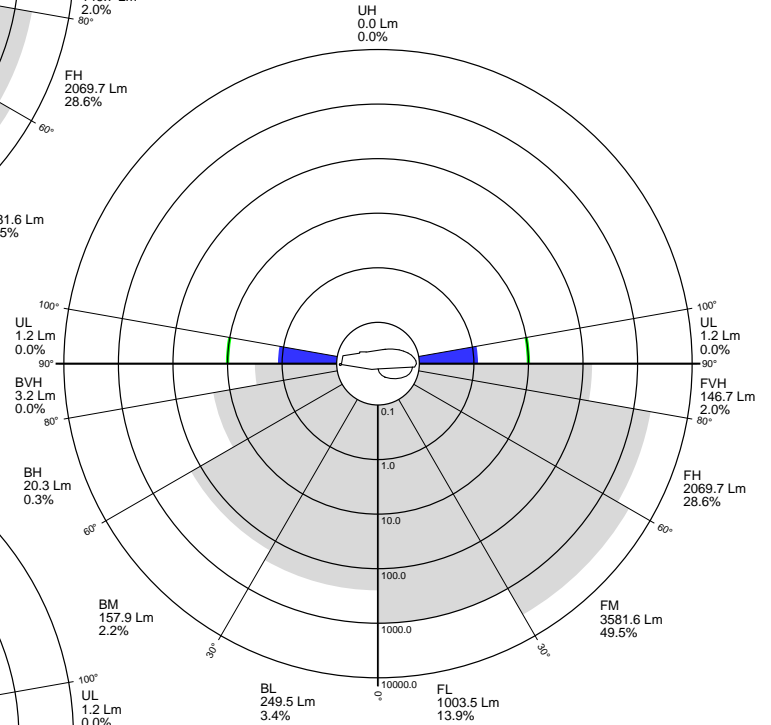
Glare Rating Details

(Logarithmic scale)



Uplight Rating Details

(Logarithmic scale)



REPORT NUMBER: PRORATED FROM RAB02608
 ISSUE DATE: 10/27/16
 PREPARED FOR: RAB LIGHTING INC.

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.
175.0		0.	0.	0.	0.	0.	0.	0.	0.	0.
165.0		0.	0.	0.	0.	0.	0.	0.	0.	0.
155.0		0.	0.	0.	0.	0.	0.	0.	0.	0.
145.0		0.	0.	0.	0.	0.	0.	0.	0.	0.
135.0		0.	0.	0.	0.	0.	0.	0.	0.	0.
125.0		0.	0.	0.	0.	0.	0.	0.	0.	0.
115.0		0.	0.	0.	0.	0.	0.	0.	0.	0.
105.0		0.	0.	0.	0.	0.	0.	0.	0.	0.
95.0		0.	0.	0.	0.	0.	0.	0.	0.	0.
90.0		18.	19.	16.	15.	9.	7.	7.	7.	8.
87.5		71.	78.	68.	65.	46.	28.	25.	33.	8.
85.0		154.	171.	174.	230.	243.	233.	167.	127.	32.
82.5		571.	601.	622.	724.	743.	700.	411.	228.	67.
V 80.0		1208.	1242.	1262.	1360.	1322.	1218.	739.	379.	126.
E 77.5		1859.	1890.	1877.	1931.	1831.	1594.	1068.	647.	213.
R 75.0		2421.	2443.	2408.	2333.	2139.	1879.	1426.	958.	365.
T 72.5		2789.	2791.	2706.	2575.	2429.	2217.	1741.	1189.	531.
I 70.0		3044.	3055.	2970.	2888.	2778.	2555.	2014.	1380.	683.
C 67.5		3371.	3387.	3303.	3273.	3203.	2881.	2175.	1534.	832.
A 65.0		3803.	3800.	3713.	3681.	3619.	3074.	2303.	1646.	971.
L 62.5		4231.	4214.	4114.	4092.	3933.	3219.	2404.	1720.	1121.
60.0		4604.	4605.	4511.	4390.	4072.	3315.	2481.	1774.	1239.
A 57.5		4833.	4823.	4692.	4534.	4158.	3379.	2529.	1810.	1340.
N 55.0		4933.	4926.	4838.	4645.	4175.	3397.	2557.	1844.	1426.
G 52.5		5026.	4998.	4892.	4676.	4170.	3383.	2568.	1899.	1490.
L 50.0		5022.	5018.	4902.	4665.	4119.	3351.	2557.	1974.	1535.
E 48.0<<		5051.	5038.	4883.	4605.	4057.	3314.	2542.	2040.	1565.
47.5		5048.	5033.	4875.	4585.	4044.	3301.	2535.	2058.	1574.
45.0		4982.	4967.	4803.	4463.	3961.	3231.	2522.	2150.	1615.
42.5		4898.	4871.	4694.	4323.	3844.	3139.	2551.	2215.	1660.
40.0		4789.	4746.	4558.	4186.	3712.	3042.	2591.	2264.	1702.
37.5		4622.	4568.	4372.	4015.	3583.	3017.	2632.	2284.	1739.
35.0		4402.	4369.	4167.	3830.	3437.	3018.	2666.	2279.	1774.
30.0		3830.	3811.	3685.	3470.	3231.	2952.	2646.	2234.	1808.
25.0		3397.	3369.	3307.	3164.	3022.	2801.	2500.	2138.	1809.
20.0		3023.	3030.	3016.	2923.	2782.	2554.	2292.	2028.	1766.
15.0		2651.	2660.	2660.	2546.	2420.	2252.	2088.	1909.	1695.
10.0		2214.	2236.	2243.	2160.	2094.	1987.	1881.	1750.	1613.
5.0		1787.	1804.	1829.	1775.	1738.	1684.	1639.	1575.	1507.
0.0		1401.	1401.	1401.	1401.	1401.	1401.	1401.	1401.	1401.
		PLANE OF MAXIMUM CANDELA								
		CONE OF MAXIMUM CANDELA								

REPORT NUMBER: PRORATED FROM RAB02608
 ISSUE DATE: 10/27/16
 PREPARED FOR: RAB LIGHTING INC.

PAGE: 8 OF 9

CANDELA TABULATION		LATERAL ANGLE										
HOUSE SIDE		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	8.	8.	8.	8.	7.	7.	6.	5.	4.	4.	4.
	87.5	8.	8.	8.	8.	7.	6.	5.	5.	4.	4.	4.
	85.0	8.	8.	8.	7.	7.	6.	5.	4.	3.	3.	2.
	82.5	8.	8.	7.	7.	6.	5.	4.	4.	2.	1.	1.
V	80.0	8.	8.	7.	7.	6.	5.	4.	3.	2.	1.	0.
E	77.5	8.	8.	9.	7.	5.	5.	3.	3.	1.	0.	0.
R	75.0	11.	8.	13.	11.	6.	4.	3.	2.	1.	0.	0.
T	72.5	66.	46.	19.	16.	6.	4.	3.	2.	1.	0.	0.
I	70.0	133.	73.	27.	17.	8.	4.	3.	2.	1.	0.	0.
C	67.5	213.	97.	46.	16.	9.	5.	3.	2.	1.	0.	0.
A	65.0	303.	135.	67.	16.	10.	6.	4.	3.	2.	0.	0.
L	62.5	387.	183.	86.	19.	10.	7.	5.	4.	3.	2.	2.
	60.0	466.	230.	105.	25.	10.	8.	6.	6.	6.	5.	5.
A	57.5	533.	280.	120.	41.	11.	8.	8.	9.	11.	10.	10.
N	55.0	595.	331.	132.	65.	16.	9.	10.	14.	15.	15.	15.
G	52.5	660.	383.	145.	86.	23.	11.	13.	16.	19.	19.	20.
L	50.0	718.	437.	157.	103.	39.	18.	16.	18.	21.	23.	23.
E	48.0<<	761.	477.	166.	117.	59.	26.	20.	20.	22.	23.	23.
	47.5	770.	488.	168.	119.	65.	28.	20.	20.	22.	23.	23.
	45.0	817.	539.	179.	132.	91.	40.	27.	23.	24.	24.	25.
	42.5	863.	585.	197.	143.	110.	63.	36.	30.	26.	26.	26.
	40.0	920.	642.	227.	160.	125.	90.	54.	41.	40.	34.	35.
	37.5	983.	710.	279.	181.	143.	116.	88.	58.	49.	46.	47.
	35.0	1044.	785.	348.	205.	167.	142.	128.	105.	85.	70.	70.
	30.0	1171.	939.	522.	279.	252.	217.	209.	207.	200.	193.	190.
	25.0	1258.	1070.	703.	423.	324.	315.	292.	295.	298.	295.	296.
	20.0	1319.	1175.	873.	626.	443.	381.	379.	387.	378.	373.	371.
	15.0	1358.	1252.	1025.	825.	661.	535.	460.	434.	421.	421.	421.
	10.0	1377.	1307.	1167.	1030.	906.	822.	734.	677.	638.	612.	618.
	5.0	1388.	1353.	1292.	1235.	1174.	1110.	1070.	1027.	1011.	992.	1002.
	0.0	1401.	1401.	1401.	1401.	1401.	1401.	1401.	1401.	1401.	1401.	1401.

CONE OF MAXIMUM CANDELA

REPORT NUMBER: PRORATED FROM RAB02608
ISSUE DATE: 10/27/16
PREPARED FOR: RAB LIGHTING INC.

PAGE: 9 OF 9

5-DEGREE ZONAL LUMEN SUMMARY

0- 5	34
5- 10	100
10- 15	168
15- 20	241
20- 25	317
25- 30	393
30- 35	468
35- 40	541
40- 45	610
45- 50	673
50- 55	717
55- 60	731
60- 65	693
65- 70	595
70- 75	476
75- 80	327
80- 85	131
85- 90	18
90- 95	1
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	134
0- 20	543
0- 30	1253
0- 40	2261
0- 50	3544
0- 60	4992
0- 70	6280
0- 80	7082
0- 90	7232
0-100	7233
0-110	7233
0-120	7233
0-130	7233
0-140	7233
0-150	7233
0-160	7233
0-170	7233
0-180	7233