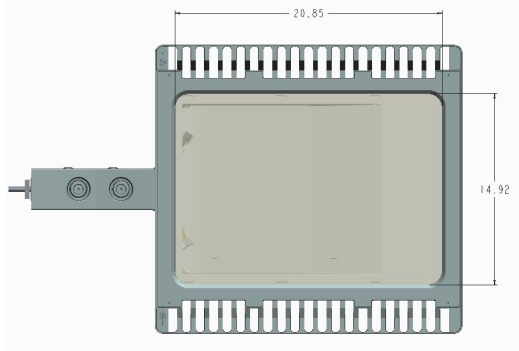


## ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 25 foot mounting height.



REPORT NUMBER: PRORATED FROM RAB01658  
 ISSUE DATE: 03/31/16 PAGE: 1 OF 9  
 DATE SAMPLE TESTED: 03/31/16  
 PREPARED FOR: RAB LIGHTING INC.  
 CATALOG NUMBER: ALED4T260N/480/D10  
 LUMINAIRE: CAST FINNED METAL HOUSING, 4  
 CHIP ON BOARD LIGHT EMITTING DIODES,  
 MOLDED PLASTIC REFLECTOR WITH  
 SPECULAR FINISH, CLEAR GLASS LENS IN  
 CAST BRONZE PAINTED METAL FRAME.  
 LAMPS: FOUR WHITE LIGHT EMITTING DIODES  
 (LEDs)

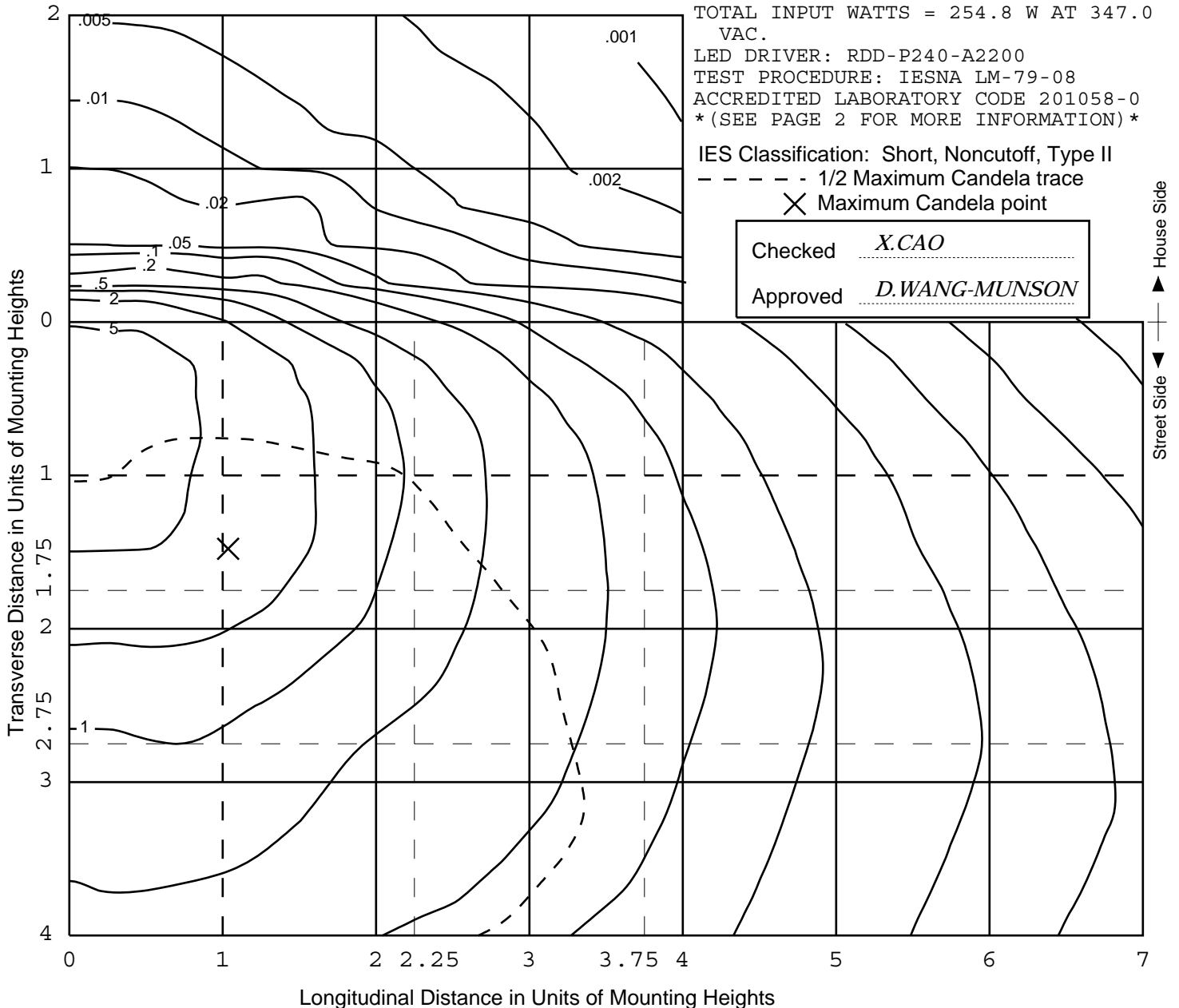
NOTE: THIS REPORT WAS PRORATED FROM  
 RAB01658 WHICH WAS ALED4T260N/D10.  
 ACTUAL PERFORMANCE MAY VARY.  
 TOTAL INPUT WATTS = 254.8 W AT 347.0  
 VAC.

LED DRIVER: RDD-P240-A2200  
 TEST PROCEDURE: IESNA LM-79-08  
 ACCREDITED LABORATORY CODE 201058-0  
 \*(SEE PAGE 2 FOR MORE INFORMATION)\*

IES Classification: Short, Noncutoff, Type II

--- 1/2 Maximum Candela trace

X Maximum Candela point



REPORT NUMBER: PRORATED FROM RAB01658  
ISSUE DATE: 03/31/16  
PREPARED FOR: RAB LIGHTING INC.

PAGE: 2 OF 9  
DATE SAMPLE TESTED: 03/31/16

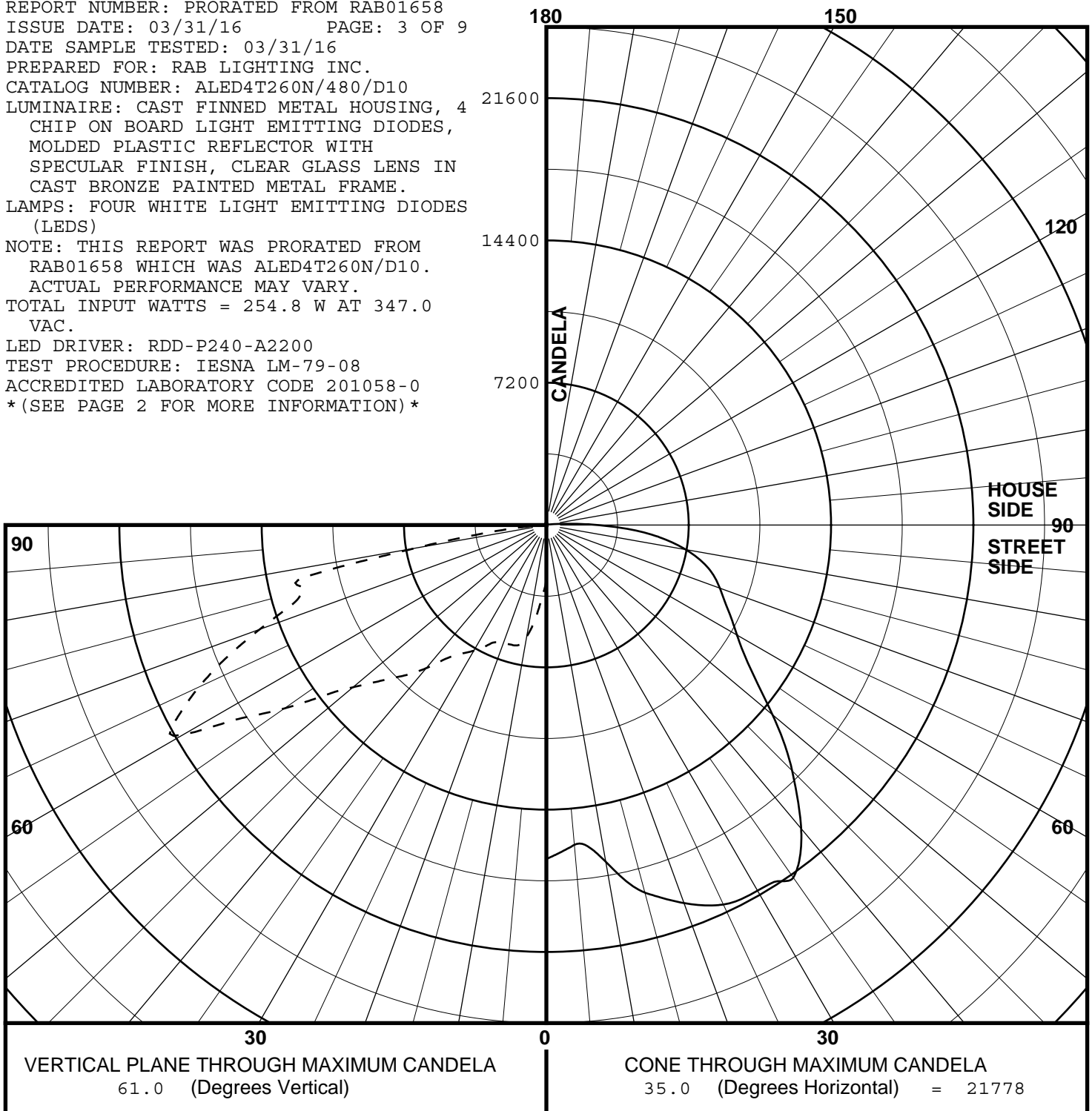
ADDITIONAL INFORMATION

TEST DISTANCE : 28.25 FEET

NOTE: THIS REPORT WITH THE USE OF THE NVLAP LOGO SHALL NOT BE USED BY  
THE CLIENT TO CLAIM PRODUCT CERTIFICATION, APPROVAL, OR  
ENDORSEMENT BY NVLAP, NIST, OR ANY AGENCY OF THE FEDERAL  
GOVERNMENT.

## MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

REPORT NUMBER: PRORATED FROM RAB01658  
 ISSUE DATE: 03/31/16 PAGE: 3 OF 9  
 DATE SAMPLE TESTED: 03/31/16  
 PREPARED FOR: RAB LIGHTING INC.  
 CATALOG NUMBER: ALED4T260N/480/D10  
 LUMINAIRE: CAST FINNED METAL HOUSING, 4  
 CHIP ON BOARD LIGHT EMITTING DIODES,  
 MOLDED PLASTIC REFLECTOR WITH  
 SPECULAR FINISH, CLEAR GLASS LENS IN  
 CAST BRONZE PAINTED METAL FRAME.  
 LAMPS: FOUR WHITE LIGHT EMITTING DIODES  
 (LEDS)  
 NOTE: THIS REPORT WAS PRORATED FROM  
 RAB01658 WHICH WAS ALED4T260N/D10.  
 ACTUAL PERFORMANCE MAY VARY.  
 TOTAL INPUT WATTS = 254.8 W AT 347.0  
 VAC.  
 LED DRIVER: RDD-P240-A2200  
 TEST PROCEDURE: IESNA LM-79-08  
 ACCREDITED LABORATORY CODE 201058-0  
 \*(SEE PAGE 2 FOR MORE INFORMATION)\*

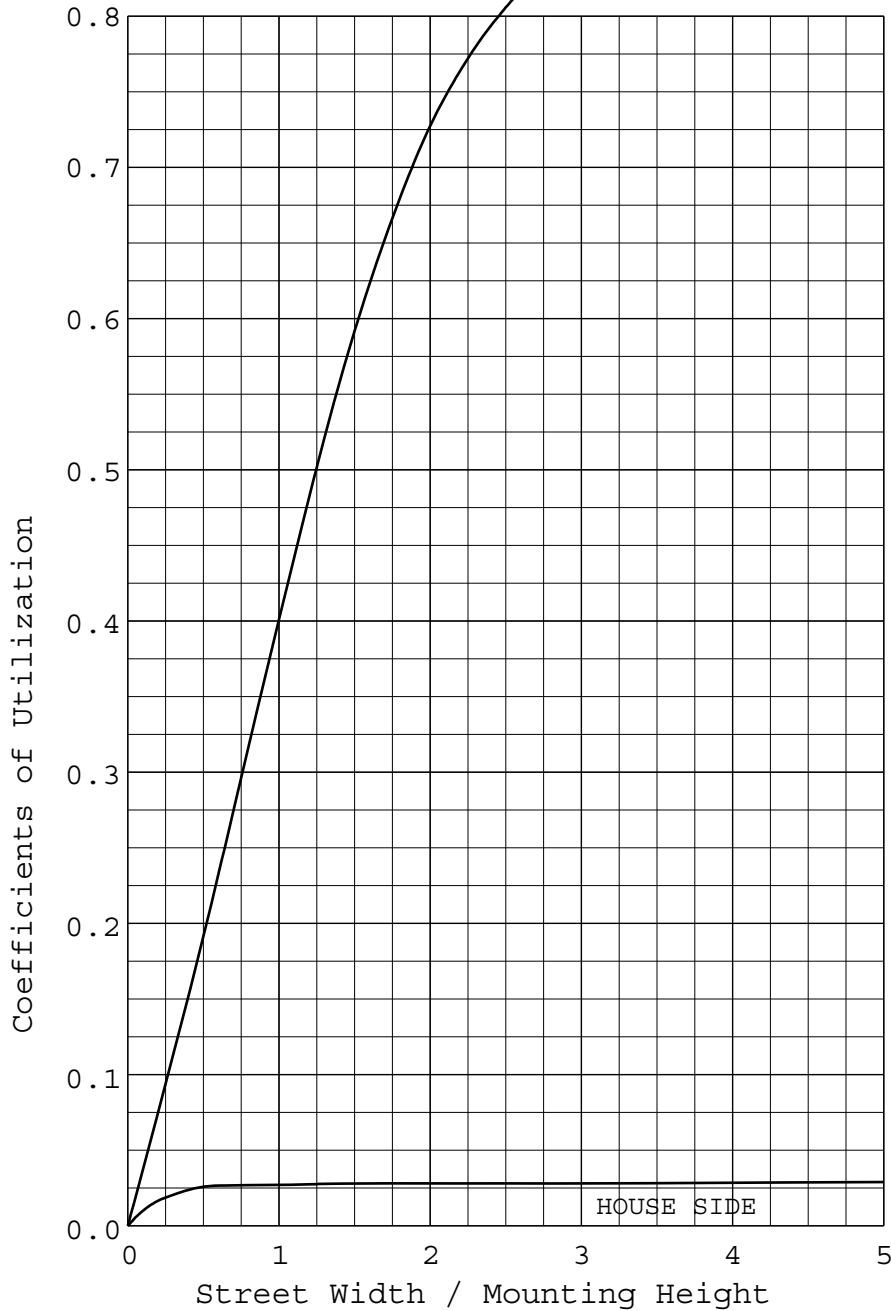


STREET SIDE

REPORT NUMBER: PRORATED FROM RAB01658  
ISSUE DATE: 03/31/16  
PREPARED FOR: RAB LIGHTING INC.

PAGE: 4 OF 9  
DATE SAMPLE TESTED: 03/31/16

## COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	27301.	97.1
DOWNWARD HOUSE SIDE	830.	2.9
DOWNWARD TOTAL	28131.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	28131.	100.0

TOTAL INPUT WATTS = 254.8  
EFFICACY = 110.4 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 RAB01658  
 ISSUE DATE: 03/31/16  
 PREPARED FOR: RAB LIGHTING INC.

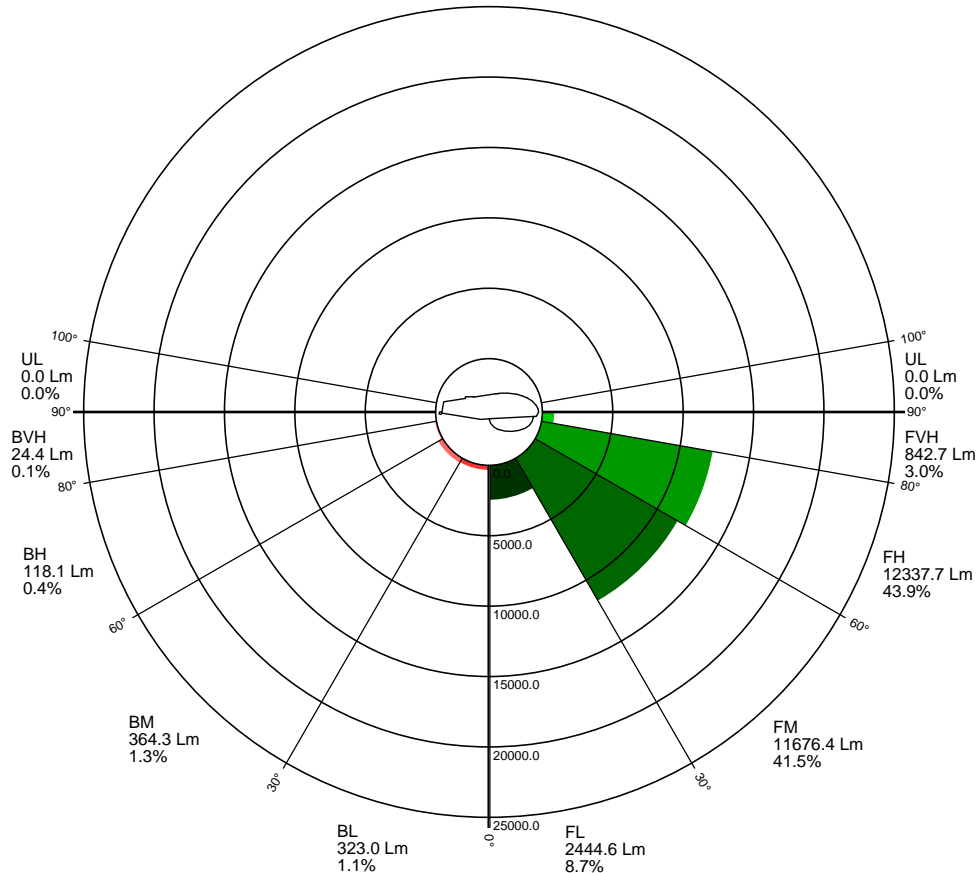
PAGE: 5 OF 9  
 DATE SAMPLE TESTED: 03/31/16

BUG Rating:				B1 U0 G5		
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		27301	97.1			
FL	(0° - 30°)	2444.6	8.7			
FM	(30° - 60°)	11676.4	41.5			
FH	(60° - 80°)	12337.7	43.9			G5
FVH	(80° - 90°)	842.7	3.0			G5
Backward		830	2.9			
BL	(0° - 30°)	323.0	1.1	B1		
BM	(30° - 60°)	364.3	1.3	B1		
BH	(60° - 80°)	118.1	0.4	B1		G1
BVH	(80° - 90°)	24.4	0.1			G1
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		28131	100.0			

### Zonal Lumen Summary

(Linear scale)

UH  
0.0 Lm  
0.0%

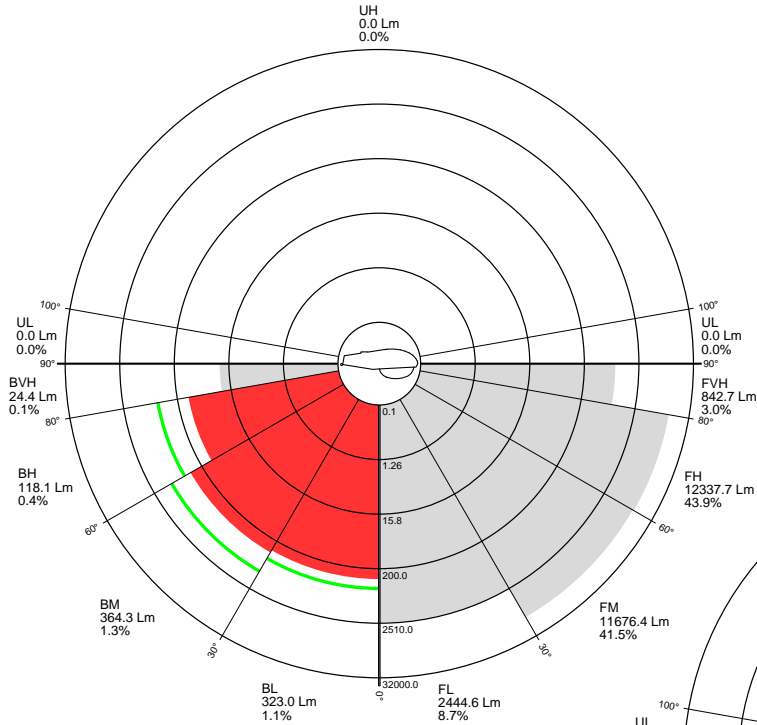


REPORT NUMBER: PRORATED FROM RAB01658  
ISSUE DATE: 03/31/16  
PREPARED FOR: RAB LIGHTING INC.

PAGE: 6 OF 9  
DATE SAMPLE TESTED: 03/31/16

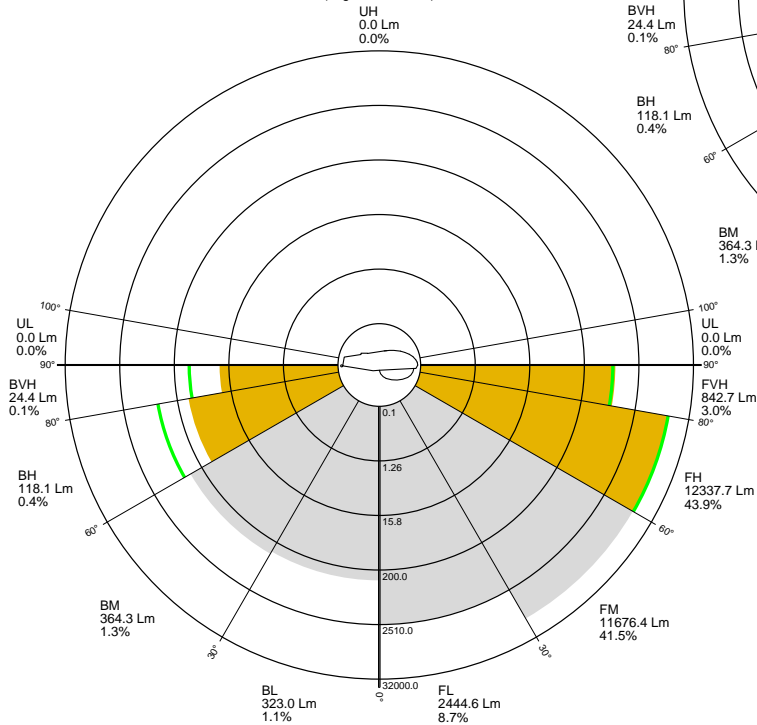
### Backlight Rating Details

(Logarithmic scale)



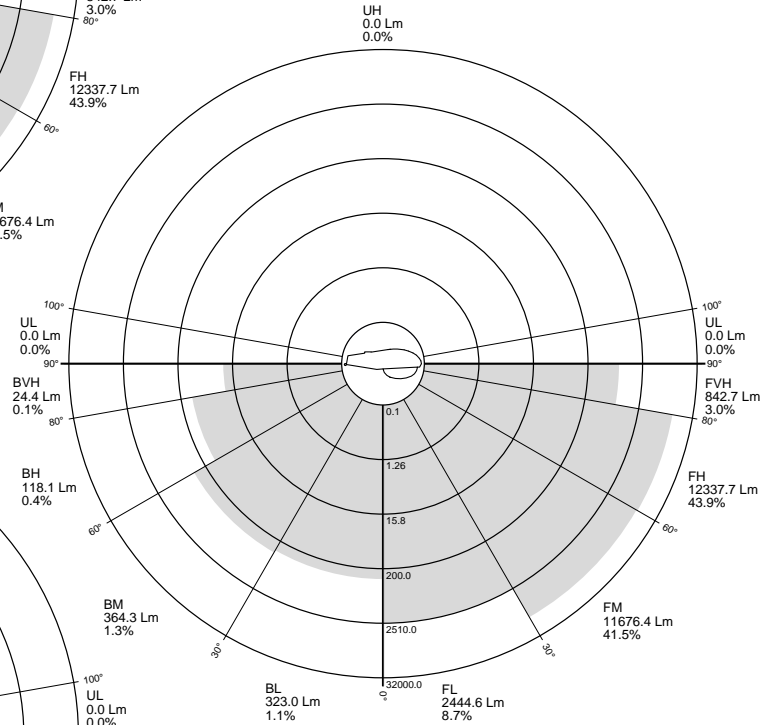
### Glare Rating Details

(Logarithmic scale)



### Uplight Rating Details

(Logarithmic scale)



PAGE: 7 OF 9  
DATE SAMPLE TESTED: 03/31/16

CANDLER REGULATION		LATERAL ANGLE									
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	43.	53.	51.	79.	117.	138.	165.	129.	80.	80.
	85.0	840.	960.	816.	1156.	1188.	1149.	862.	811.	546.	145.
	82.5	3452.	3726.	3337.	3110.	3160.	3534.	2826.	2677.	1449.	345.
V	80.0	5348.	5883.	6583.	5718.	6699.	7601.	5962.	4818.	2507.	1099.
E	77.5	11087.	11706.	12375.	11946.	12872.	11730.	9046.	7114.	4031.	1799.
R	75.0	16945.	18627.	18591.	16081.	12716.	13273.	11267.	8181.	5517.	2631.
T	72.5	16416.	16096.	18018.	16082.	13560.	13823.	11913.	9540.	6889.	2883.
I	70.0	14178.	14257.	16920.	16209.	15431.	15277.	12174.	10407.	8000.	3731.
C	67.5	13937.	13951.	16275.	17522.	17507.	16023.	13058.	11148.	8026.	4414.
A	65.0	14920.	14701.	17380.	19677.	19392.	17223.	12874.	11074.	8441.	4650.
L	62.5	17067.	16391.	18567.	20690.	21024.	18160.	12867.	10351.	8779.	5126.
	61.0	<16899.	16245.	19253.	21185.	21778.	17580.	12566.	10143.	8499.	5269.
A	60.0	17246.	16542.	19264.	21264.	21209.	16867.	12569.	10032.	8346.	5290.
N	57.5	18655.	18165.	20126.	20778.	18120.	15024.	12058.	9729.	8152.	5475.
G	55.0	17874.	17774.	18713.	17254.	16175.	13726.	11279.	9305.	7968.	5575.
L	52.5	15220.	14762.	15804.	14798.	14161.	12472.	10789.	8982.	7510.	5572.
E	50.0	12625.	12526.	13055.	13343.	12766.	11467.	10207.	8670.	7276.	5557.
	47.5	10846.	10854.	11223.	12355.	11768.	11031.	9653.	8242.	7072.	5573.
	45.0	10305.	10025.	10289.	11092.	10941.	10326.	9136.	7925.	6979.	5575.
	42.5	10044.	9578.	9655.	10102.	10231.	9300.	8477.	7536.	6794.	5360.
	40.0	9464.	9217.	9234.	9687.	9456.	8740.	7963.	7280.	6565.	5045.
	37.5	9394.	9207.	9061.	9093.	8623.	8222.	7594.	7091.	6416.	5030.
	35.0	9007.	8879.	8711.	8409.	8063.	7837.	7561.	6917.	6199.	4727.
	30.0	7726.	7713.	7667.	7286.	7342.	7305.	7222.	6968.	6119.	4600.
	25.0	7089.	7081.	7044.	6810.	6604.	6676.	6591.	6375.	5658.	4336.
	20.0	6754.	6764.	6753.	6641.	6386.	6024.	5843.	5543.	4623.	3511.
	15.0	6374.	6390.	6444.	6438.	6303.	5956.	5478.	4897.	4081.	3205.
	10.0	5913.	5909.	5915.	5870.	5743.	5298.	4851.	4284.	3678.	3101.
	5.0	4455.	4396.	4395.	4272.	4183.	3970.	3768.	3542.	3337.	3077.
	0.0	2799.	2799.	2799.	2799.	2799.	2799.	2799.	2799.	2799.	2799.

PLANE OF MAXIMUM CANDELA

CONE OF MAXIMUM CANDELA

REPORT NUMBER: PRORATED FROM RAB01658  
 ISSUE DATE: 03/31/16  
 PREPARED FOR: RAB LIGHTING INC.

PAGE: 8 OF 9  
 DATE SAMPLE TESTED: 03/31/16

### 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	73.	46.	48.	49.	50.	51.	50.	51.	50.	49.	49.
85.0	93.	50.	48.	49.	49.	49.	48.	48.	47.	47.	47.
82.5	149.	57.	48.	47.	46.	46.	45.	45.	44.	43.	43.
V 80.0	639.	72.	50.	46.	44.	44.	42.	42.	41.	40.	39.
E 77.5	1063.	108.	52.	46.	42.	41.	40.	39.	38.	37.	37.
R 75.0	1406.	148.	54.	46.	41.	39.	38.	38.	37.	35.	35.
T 72.5	1585.	193.	62.	51.	40.	38.	37.	37.	35.	34.	34.
I 70.0	1978.	262.	74.	58.	40.	37.	36.	36.	35.	33.	33.
C 67.5	2223.	343.	77.	57.	40.	37.	35.	35.	34.	33.	33.
A 65.0	2297.	432.	84.	73.	40.	37.	35.	35.	34.	33.	33.
L 62.5	2512.	564.	96.	84.	42.	37.	35.	36.	35.	33.	33.
61.0<<	2622.	680.	105.	107.	43.	37.	35.	36.	35.	33.	33.
A 60.0	2702.	759.	112.	121.	44.	37.	35.	36.	35.	33.	33.
N 57.5	2971.	970.	133.	130.	45.	38.	36.	36.	35.	34.	33.
G 55.0	3158.	1172.	152.	108.	53.	38.	36.	36.	36.	34.	34.
L 52.5	3351.	1354.	194.	80.	56.	39.	36.	36.	36.	34.	34.
E 50.0	3504.	1541.	228.	82.	54.	39.	37.	37.	36.	35.	34.
47.5	3581.	1673.	273.	85.	54.	41.	37.	37.	37.	35.	35.
45.0	3718.	1806.	293.	99.	64.	42.	38.	37.	37.	36.	36.
42.5	3639.	1921.	355.	102.	74.	45.	39.	38.	38.	37.	37.
40.0	3506.	2009.	428.	117.	88.	46.	41.	39.	39.	38.	37.
37.5	3496.	2240.	474.	134.	81.	49.	42.	40.	40.	39.	38.
35.0	3401.	2463.	526.	179.	81.	55.	43.	42.	41.	39.	39.
30.0	3637.	3152.	832.	308.	101.	69.	50.	46.	45.	42.	42.
25.0	3426.	3035.	1082.	388.	193.	86.	69.	54.	50.	46.	45.
20.0	2904.	2432.	1392.	732.	286.	191.	121.	73.	55.	49.	48.
15.0	2811.	2429.	1714.	1023.	623.	374.	266.	211.	175.	141.	138.
10.0	2832.	2580.	2101.	1720.	1204.	870.	657.	521.	444.	397.	407.
5.0	2937.	2796.	2516.	2285.	2093.	1907.	1744.	1575.	1483.	1394.	1427.
0.0	2799.	2799.	2799.	2799.	2799.	2799.	2799.	2799.	2799.	2799.	2799.

CONE OF MAXIMUM CANDELA



REPORT NUMBER: PRORATED FROM RAB01658  
 ISSUE DATE: 03/31/16  
 PREPARED FOR: RAB LIGHTING INC.

PAGE: 9 OF 9  
 DATE SAMPLE TESTED: 03/31/16

### 5-DEGREE ZONAL LUMEN SUMMARY

0- 5	68
5- 10	215
10- 15	367
15- 20	519
20- 25	694
25- 30	904
30- 35	1122
35- 40	1362
40- 45	1651
45- 50	2033
50- 55	2599
55- 60	3275
60- 65	3546
65- 70	3353
70- 75	3182
75- 80	2374
80- 85	785
85- 90	82
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	283
0- 20	1169
0- 30	2768
0- 40	5251
0- 50	8935
0- 60	14808
0- 70	21707
0- 80	27264
0- 90	28131
0-100	28131
0-110	28131
0-120	28131
0-130	28131
0-140	28131
0-150	28131
0-160	28131
0-170	28131
0-180	28131