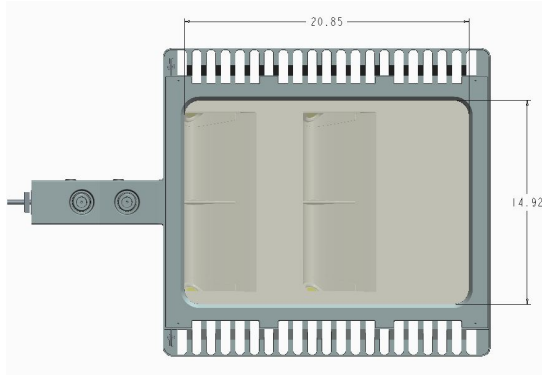


## ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 25 foot mounting height.



REPORT NUMBER: PRORATED FROM RAB01807  
 ISSUE DATE: 03/28/16 PAGE: 1 OF 9  
 DATE SAMPLE TESTED: 03/28/16  
 PREPARED FOR: RAB LIGHTING INC.  
 CATALOG NUMBER: ALED2T260/480/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  
 RAB01807 WHICH WAS ALED2T260/D10.

ACTUAL PERFORMANCE MAY VARY.

TOTAL INPUT WATTS = 258.2 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)\*

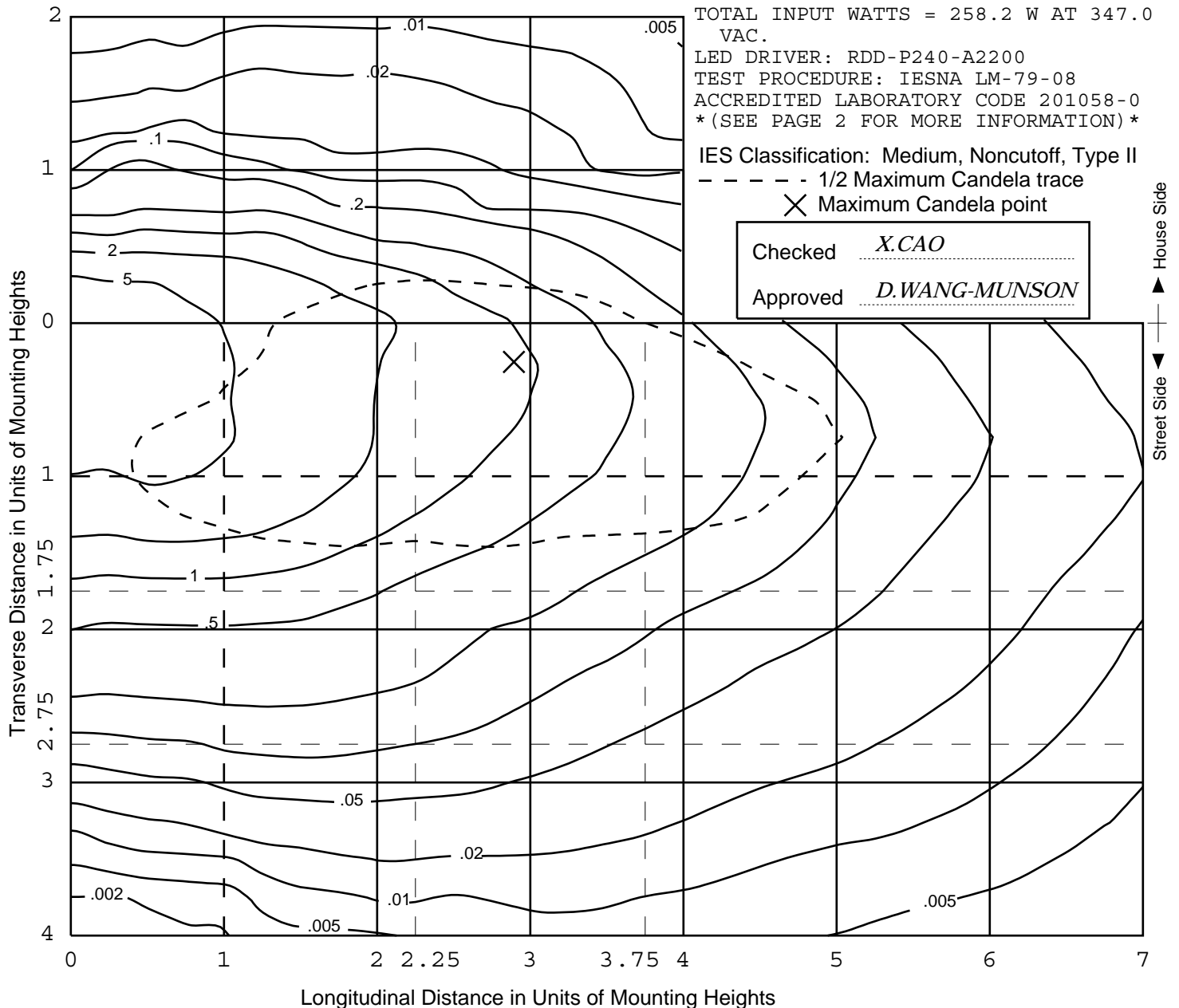
IES Classification: Medium, Noncutoff, Type II

--- 1/2 Maximum Candela trace

X Maximum Candela point

Checked X.CAO

Approved D.WANG-MUNSON



REPORT NUMBER: PRORATED FROM RAB01807  
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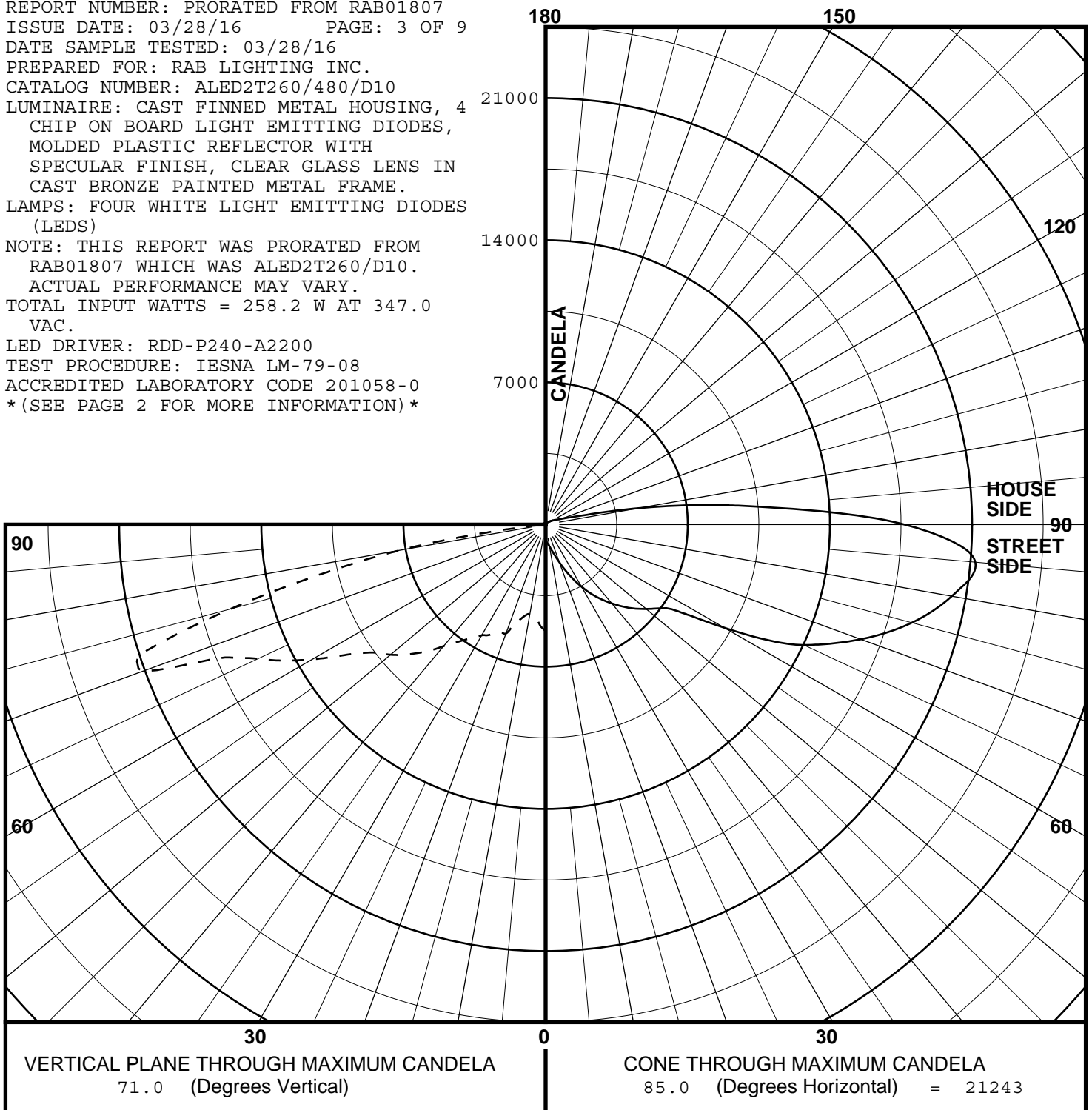
ADDITIONAL INFORMATION

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

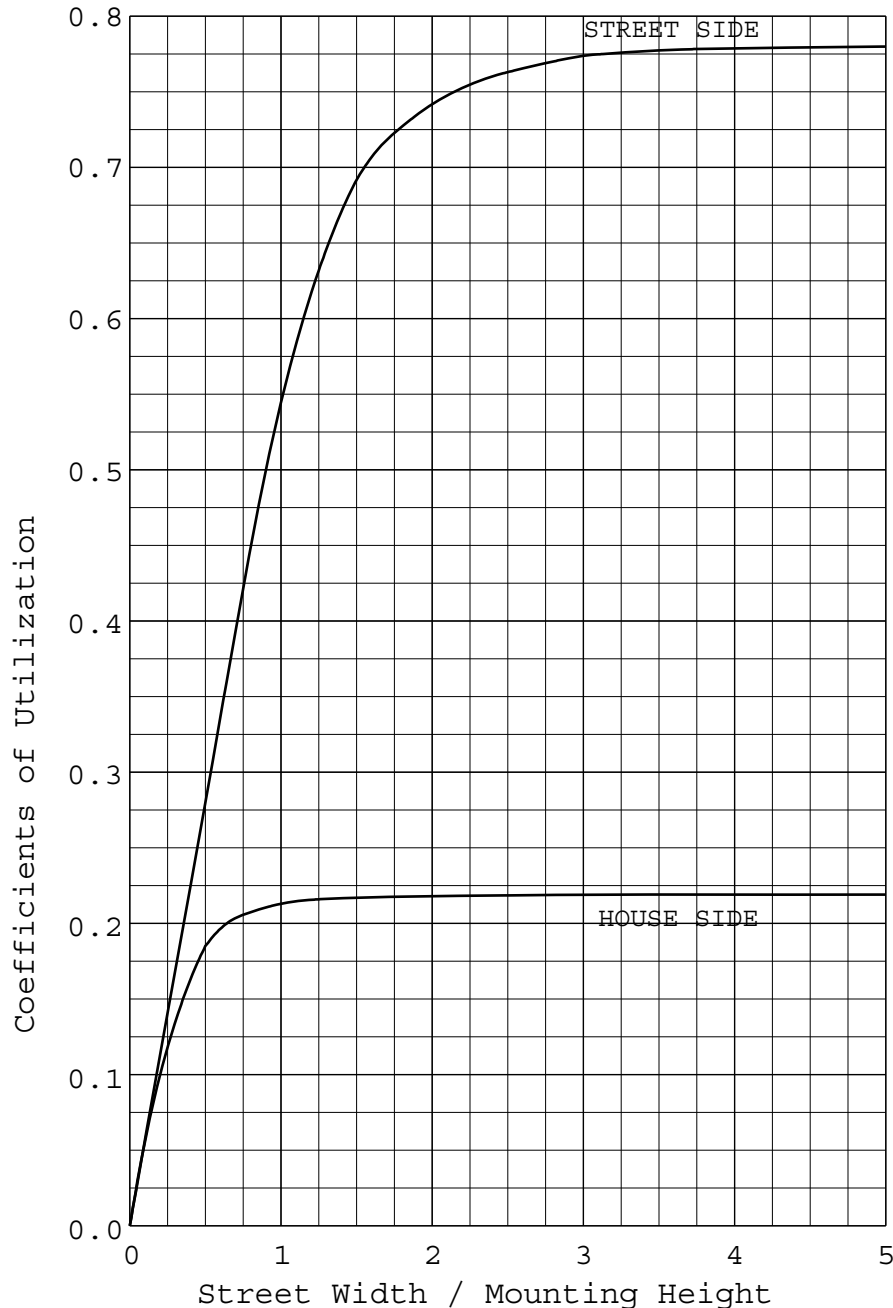
REPORT NUMBER: PRORATED FROM RAB01807  
 ISSUE DATE: 03/28/16 PAGE: 3 OF 9  
 DATE SAMPLE TESTED: 03/28/16  
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 TOTAL INPUT WATTS = 258.2 W AT 347.0  
 VAC.  
 LED DRIVER: RDD-P240-A2200  
 TEST PROCEDURE: IESNA LM-79-08  
 ACCREDITED LABORATORY CODE 201058-0  
 \*(SEE PAGE 2 FOR MORE INFORMATION)\*



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## COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	21714.	78.0
DOWNWARD HOUSE SIDE	6112.	22.0
DOWNWARD TOTAL	27826.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	27826.	100.0
TOTAL INPUT WATTS = 258.2		
EFFICACY = 107.8 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 RAB01807  
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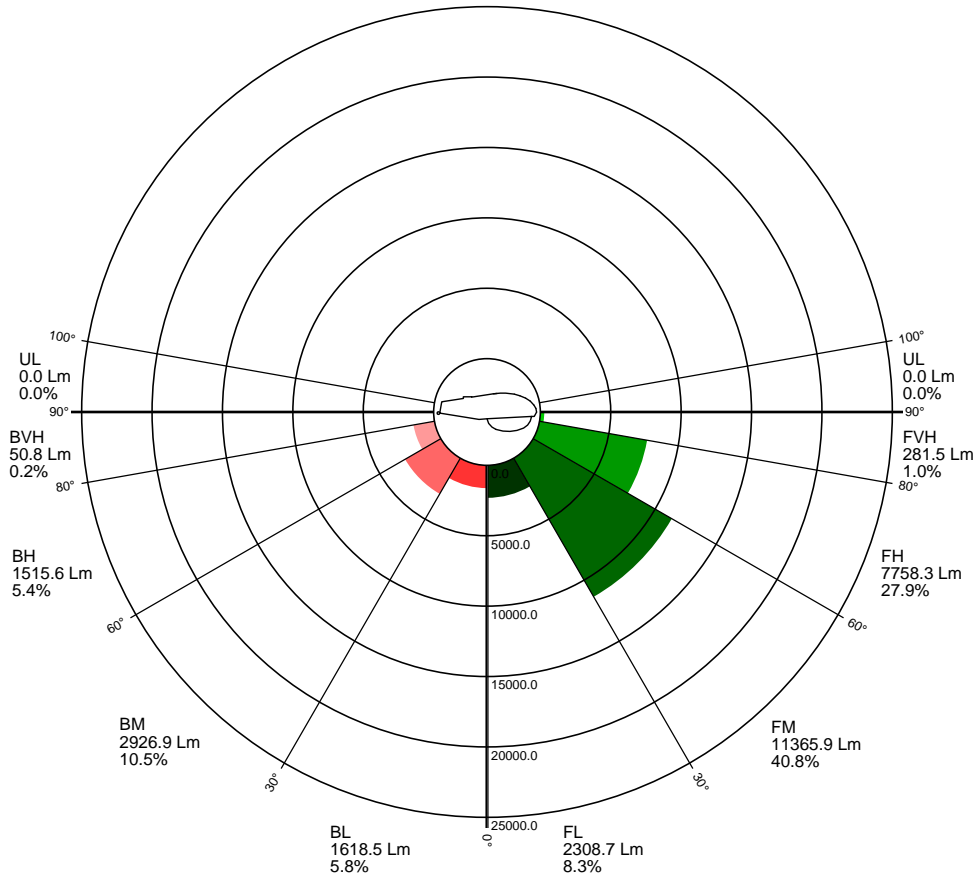
PAGE: 5 OF 9  
 DATE SAMPLE TESTED: 03/28/16

BUG Rating:				B3	U0	G4
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		21714	78.0			
FL	(0° – 30°)	2308.7	8.3			
FM	(30° – 60°)	11365.9	40.8			
FH	(60° – 80°)	7758.3	27.9			G4
FVH	(80° – 90°)	281.5	1.0			G3
Backward		6112	22.0			
BL	(0° – 30°)	1618.5	5.8	B3		
BM	(30° – 60°)	2926.9	10.5	B3		
BH	(60° – 80°)	1515.6	5.4	B3		G3
BVH	(80° – 90°)	50.8	0.2			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		27826	100.0			

### Zonal Lumen Summary

(Linear scale)

UH  
0.0 Lm  
0.0%

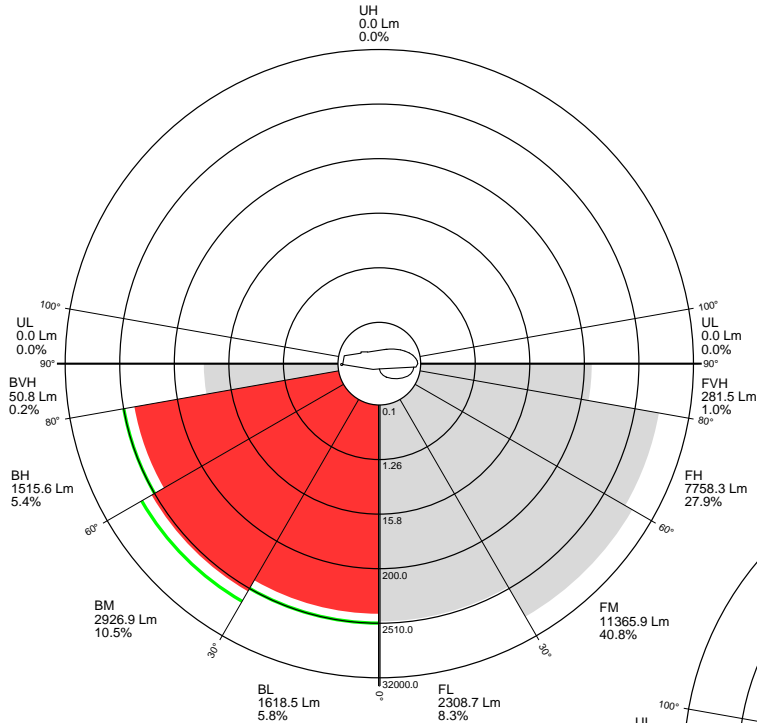


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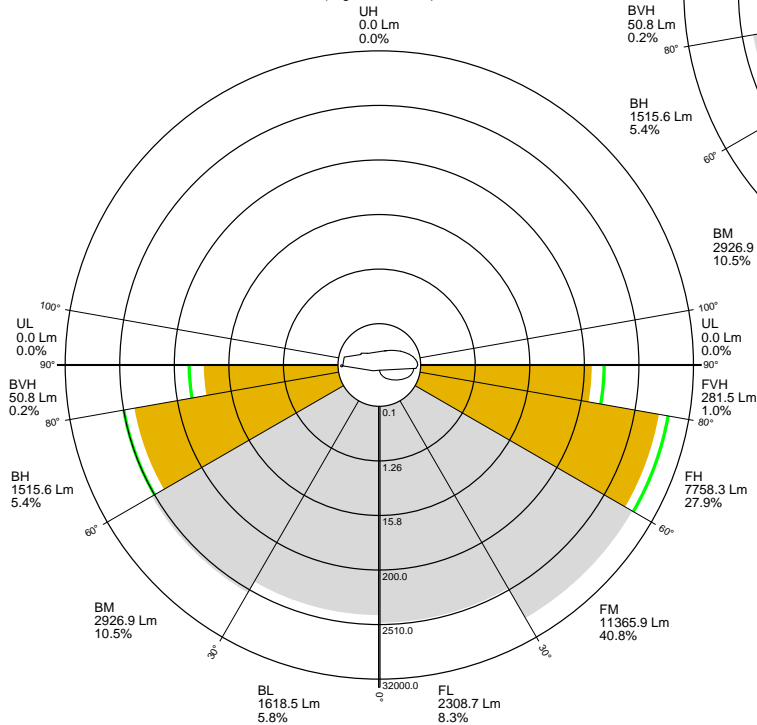
## Backlight Rating Details

(Logarithmic scale)



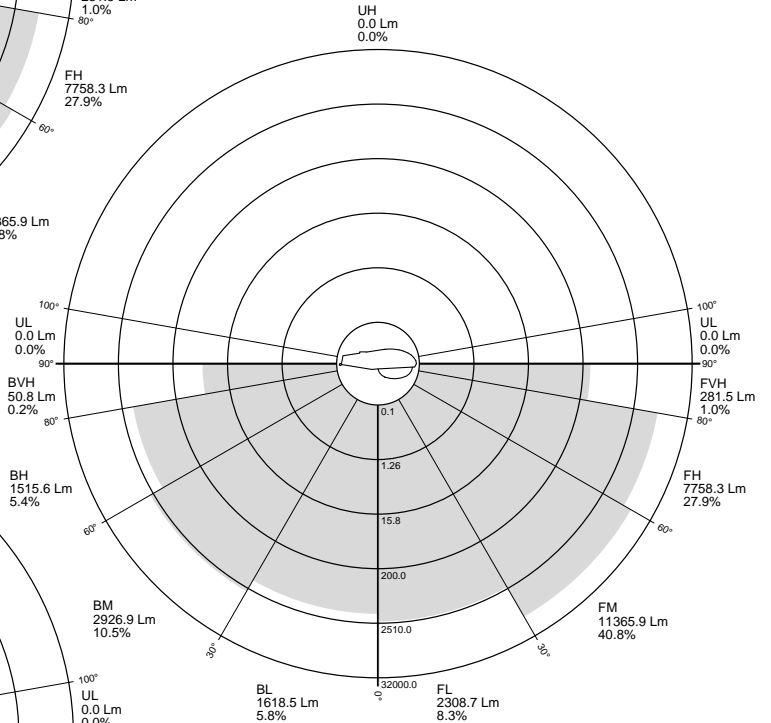
## Glare Rating Details

(Logarithmic scale)



## Uplight Rating Details

(Logarithmic scale)



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DATE SAMPLE TESTED: 03/28/16

CANDLE LATERAL ANGLE		LATERAL ANGLE								
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	0.	0.	0.	0.	0.	0.	0.	0.	0.
	87.5	20.	20.	20.	24.	26.	28.	25.	27.	65.
	85.0	27.	24.	24.	30.	42.	53.	72.	268.	406.
	82.5	34.	27.	30.	40.	65.	112.	502.	1357.	1853.
V	80.0	36.	32.	36.	55.	142.	630.	1569.	3598.	6327.
E	77.5	46.	43.	53.	174.	634.	1870.	3383.	5377.	11697.
R	75.0	73.	68.	137.	739.	1920.	3651.	5059.	8076.	15879.
T	72.5	323.	455.	842.	1972.	3497.	5346.	6043.	12040.	18314.
I	71.0<<	752.	904.	1426.	2721.	4330.	5796.	7168.	14034.	18675.
C	70.0	1134.	1262.	1832.	3207.	4754.	6034.	8289.	14844.	18155.
A	67.5	2343.	2282.	2880.	4009.	5142.	7118.	11464.	16136.	16486.
L	65.0	3339.	2965.	3416.	4202.	5624.	9342.	14080.	16517.	15123.
	62.5	3614.	3249.	3735.	4694.	7088.	11843.	15477.	16149.	14153.
A	60.0	4104.	3747.	4350.	5997.	9286.	13507.	15925.	15412.	13459.
N	57.5	4784.	4424.	5339.	7860.	11171.	14378.	15693.	14319.	12681.
G	55.0	5814.	5402.	6516.	9426.	12212.	14692.	15082.	13204.	11952.
L	52.5	6802.	6403.	7366.	10568.	12699.	14470.	14024.	12185.	11281.
E	50.0	7496.	7234.	8053.	11235.	12874.	13817.	12802.	11300.	10638.
	47.5	8128.	7902.	8449.	11450.	12671.	12685.	11746.	10547.	10126.
	45.0	8677.	8447.	8818.	11323.	12176.	11550.	10714.	9980.	9814.
	42.5	8560.	8501.	9176.	11155.	11157.	10507.	9893.	9576.	9395.
	40.0	8381.	8272.	8922.	10662.	10431.	9851.	9403.	9323.	8852.
	37.5	8111.	7909.	8097.	9219.	9635.	9358.	9100.	8854.	8220.
	35.0	7662.	7494.	7291.	8134.	8690.	8738.	8583.	8252.	7640.
	30.0	6057.	6061.	6061.	6407.	7313.	7486.	7501.	7180.	6649.
	25.0	5169.	5152.	5363.	5318.	5882.	6228.	6507.	6244.	6006.
	20.0	4968.	4918.	4857.	4808.	4877.	5321.	5348.	5460.	5678.
	15.0	5187.	5136.	4852.	4765.	4720.	4638.	4748.	4765.	4793.
	10.0	5363.	5331.	5064.	4944.	4858.	4774.	4746.	4658.	4572.
	5.0	5361.	5373.	5275.	5179.	5050.	4951.	4877.	4802.	4794.
	0.0	5241.	5241.	5241.	5241.	5241.	5241.	5241.	5241.	5241.

||

PLANE OF MAXIMUM CANDELA

CONE OF MAXIMUM CANDELA

REPORT NUMBER: PRORATED FROM RAB01807  
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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	63.	34.	28.	19.	18.	18.	22.	22.	20.	17.	17.
85.0	338.	130.	98.	23.	17.	16.	20.	21.	19.	17.	16.
82.5	1464.	583.	150.	37.	20.	15.	18.	19.	17.	15.	15.
V 80.0	4780.	2276.	232.	60.	36.	14.	16.	18.	16.	15.	15.
E 77.5	7129.	3986.	345.	252.	85.	27.	16.	17.	15.	14.	14.
R 75.0	10753.	5998.	517.	451.	165.	61.	24.	20.	18.	15.	15.
T 72.5	16493.	9002.	1102.	472.	251.	96.	34.	29.	25.	18.	18.
I 71.0	<<17695.	10262.	1507.	527.	301.	124.	52.	34.	28.	20.	20.
C 70.0	17767.	10877.	1908.	522.	321.	137.	67.	38.	31.	22.	22.
A 67.5	15668.	12207.	2690.	599.	356.	180.	91.	50.	43.	27.	27.
L 65.0	16191.	13030.	3002.	578.	261.	202.	133.	60.	54.	36.	40.
62.5	15653.	12543.	3859.	657.	316.	212.	149.	69.	61.	41.	49.
A 60.0	13427.	11419.	4990.	1248.	511.	206.	140.	85.	70.	53.	53.
N 57.5	12320.	11277.	5707.	2267.	635.	301.	142.	96.	83.	55.	60.
G 55.0	10874.	10324.	6000.	2915.	765.	442.	331.	114.	74.	57.	62.
L 52.5	10248.	9481.	6262.	2839.	1067.	454.	486.	232.	93.	60.	66.
E 50.0	9903.	9339.	6799.	2798.	1310.	490.	490.	507.	270.	94.	104.
47.5	9335.	9234.	7187.	3081.	1467.	803.	346.	557.	462.	273.	180.
45.0	8647.	8625.	7112.	3450.	1572.	1011.	498.	431.	344.	264.	174.
42.5	8124.	7977.	6803.	3791.	1730.	1138.	739.	656.	258.	267.	159.
40.0	7675.	7531.	6581.	4104.	2019.	1284.	852.	538.	286.	274.	178.
37.5	7230.	7153.	6433.	4431.	2397.	1409.	1007.	630.	342.	347.	324.
35.0	6878.	6813.	6321.	4705.	2822.	1652.	1174.	755.	438.	525.	532.
30.0	6290.	6269.	5976.	5133.	3749.	2510.	1644.	1031.	726.	919.	983.
25.0	5917.	5866.	5730.	5301.	4483.	3434.	2385.	1642.	1204.	1297.	1367.
20.0	5741.	5708.	5512.	5129.	4564.	4002.	3213.	2527.	2262.	2277.	2337.
15.0	4856.	4848.	4745.	4635.	4398.	4114.	3798.	3587.	3656.	3802.	3884.
10.0	4483.	4460.	4409.	4313.	4297.	4370.	4378.	4482.	4749.	4888.	4937.
5.0	4687.	4663.	4667.	4634.	4673.	4725.	4797.	4907.	5056.	5118.	5138.
0.0	5241.	5241.	5241.	5241.	5241.	5241.	5241.	5241.	5241.	5241.	5241.

CONE OF MAXIMUM CANDELA



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### 5-DEGREE ZONAL LUMEN SUMMARY

0- 5	121
5- 10	341
10- 15	541
15- 20	743
20- 25	967
25- 30	1215
30- 35	1518
35- 40	1891
40- 45	2286
45- 50	2652
50- 55	2912
55- 60	3034
60- 65	2961
65- 70	2797
70- 75	2306
75- 80	1210
80- 85	310
85- 90	22
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	462
0- 20	1745
0- 30	3927
0- 40	7337
0- 50	12274
0- 60	18220
0- 70	23978
0- 80	27494
0- 90	27826
0-100	27826
0-110	27826
0-120	27826
0-130	27826
0-140	27826
0-150	27826
0-160	27826
0-170	27826
0-180	27826