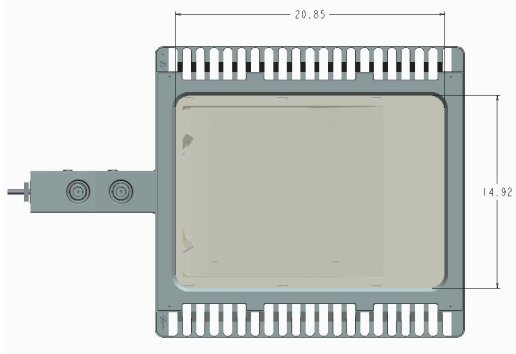


## ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 25 foot mounting height.



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 ISSUE DATE: 03/31/16 PAGE: 1 OF 9  
 DATE SAMPLE TESTED: 03/31/16  
 PREPARED FOR: RAB LIGHTING INC.  
 CATALOG NUMBER: ALED4T260Y/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  
 RAB01652 WHICH WAS ALED4T260Y/D10.  
 ACTUAL PERFORMANCE MAY VARY.  
 TOTAL INPUT WATTS = 255.3 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)\*

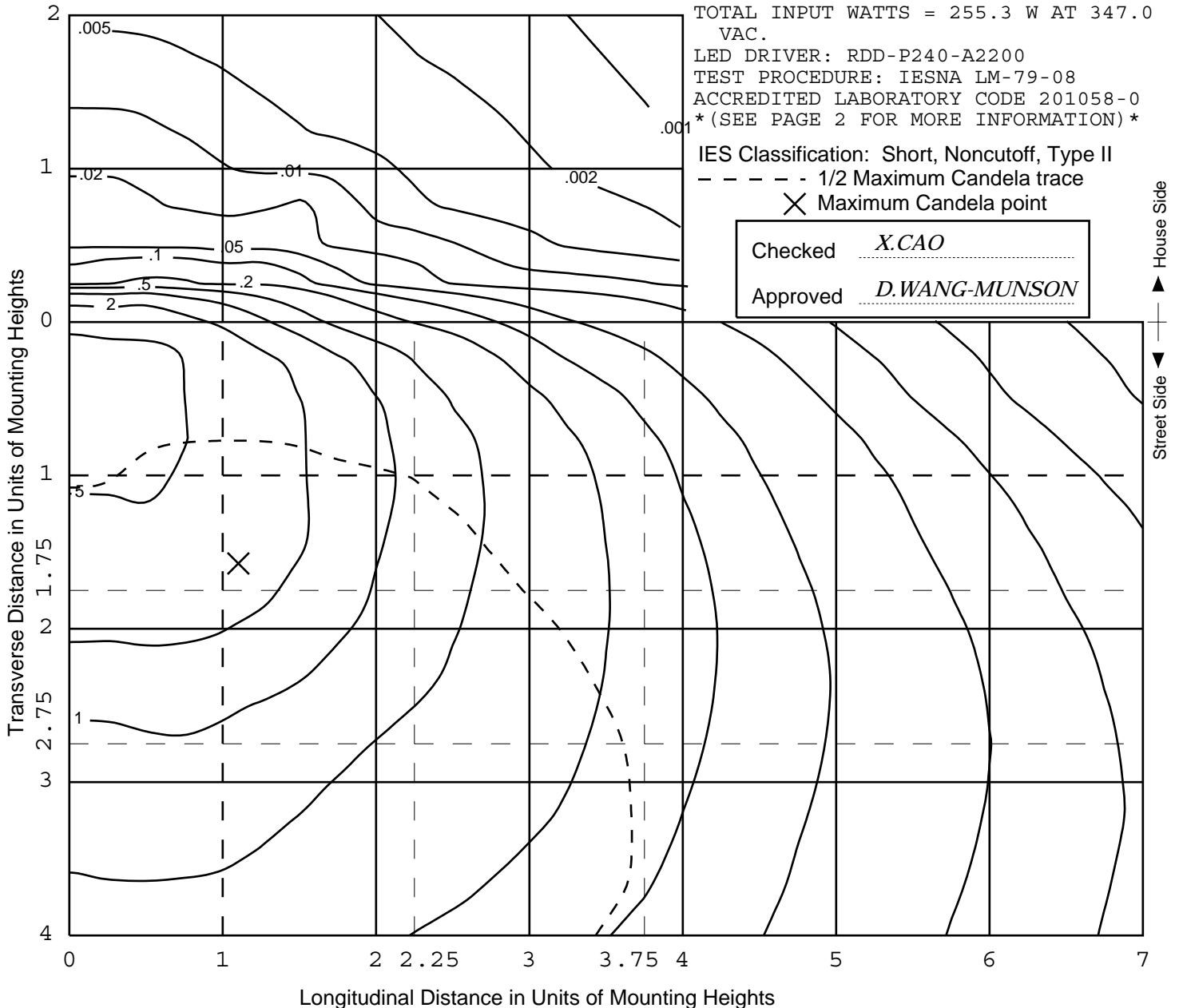
IES Classification: Short, Noncutoff, Type II

--- 1/2 Maximum Candela trace

X Maximum Candela point

Checked X.CAO

Approved D.WANG-MUNSON



REPORT NUMBER: PRORATED FROM RAB01652  
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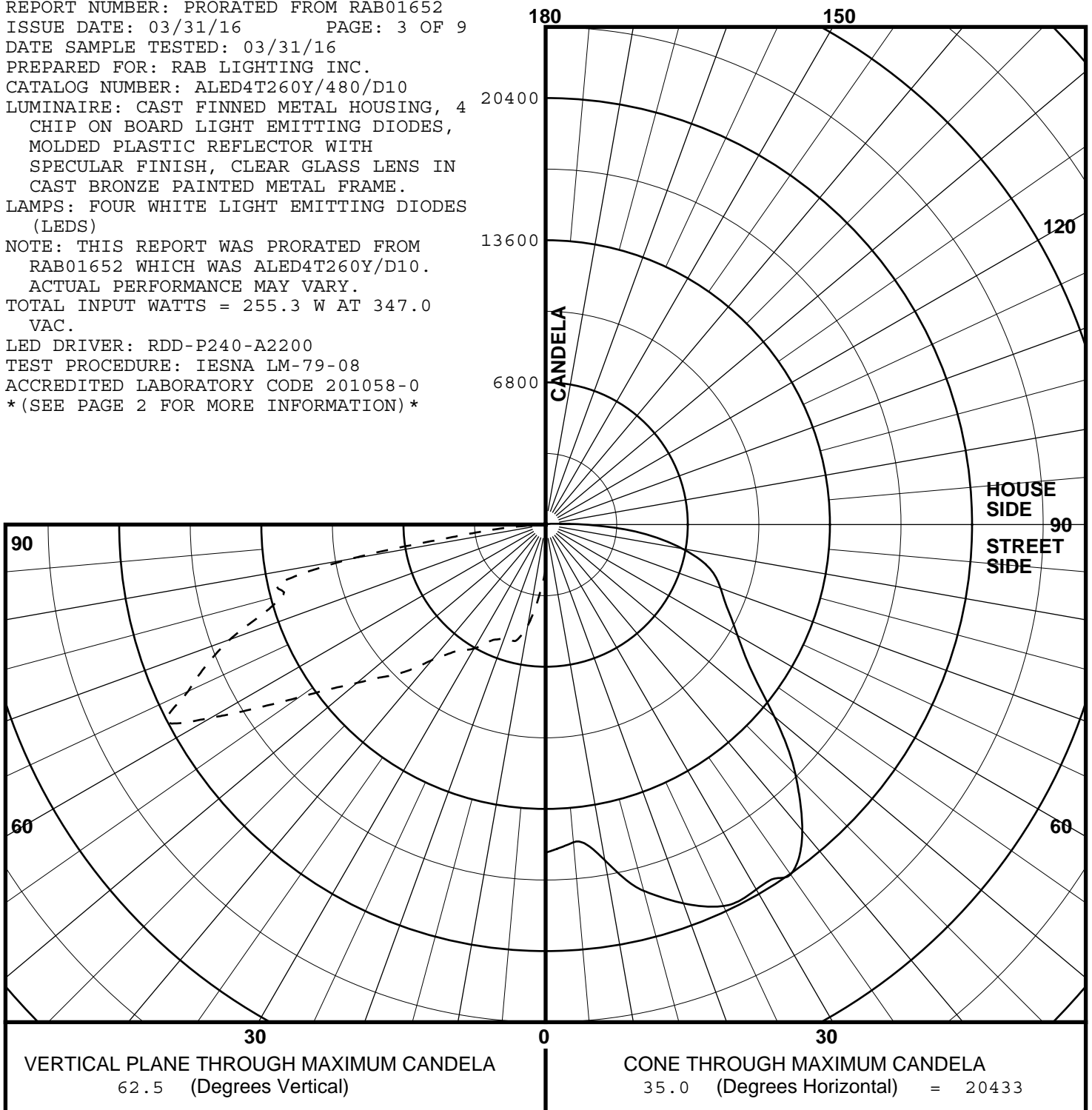
ADDITIONAL INFORMATION

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

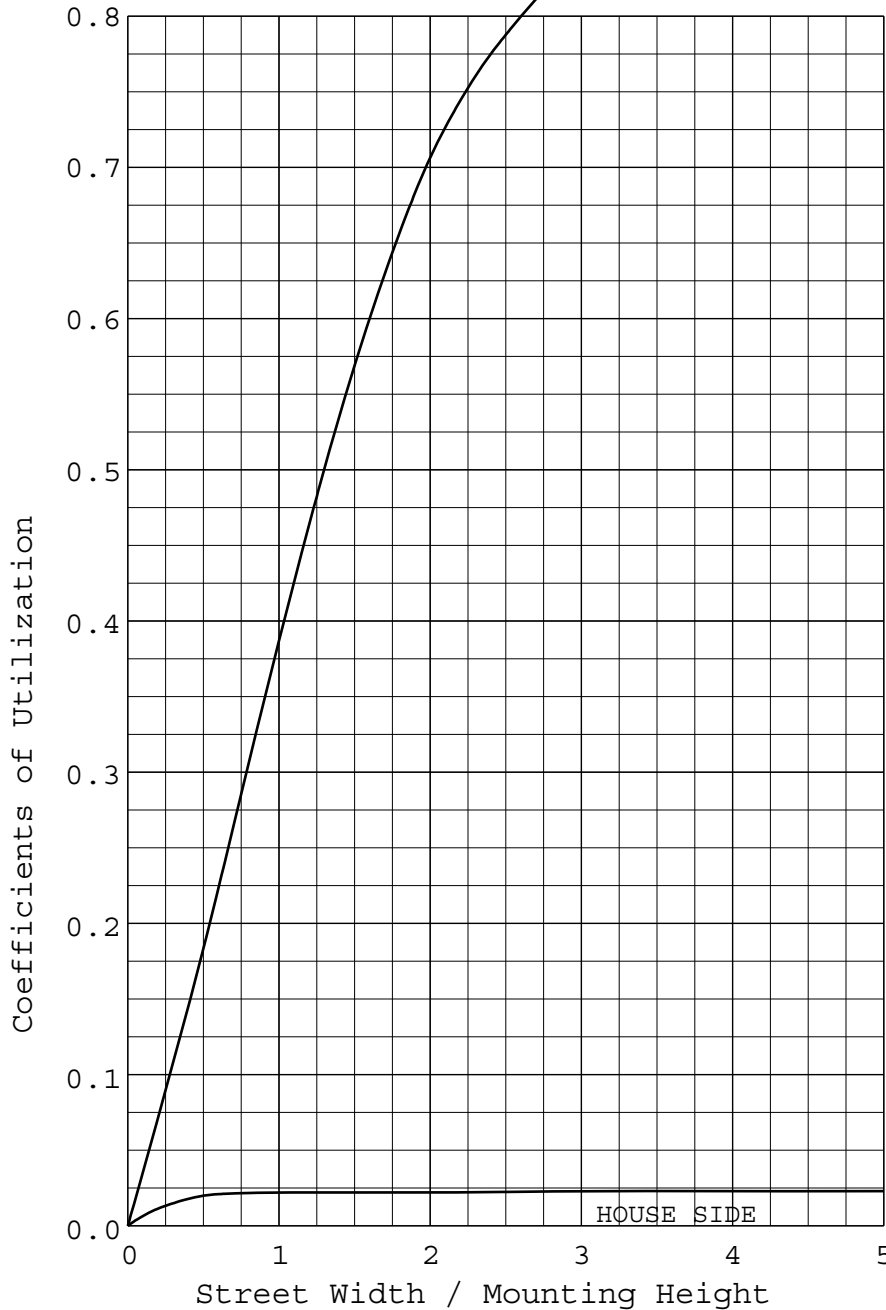
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 DATE SAMPLE TESTED: 03/31/16  
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## COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	26085.	97.6
DOWNWARD HOUSE SIDE	643.	2.4
DOWNWARD TOTAL	26728.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	26728.	100.0
TOTAL INPUT WATTS = 255.3		
EFFICACY = 104.7 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 RAB01652  
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 PREPARED FOR: RAB LIGHTING INC.

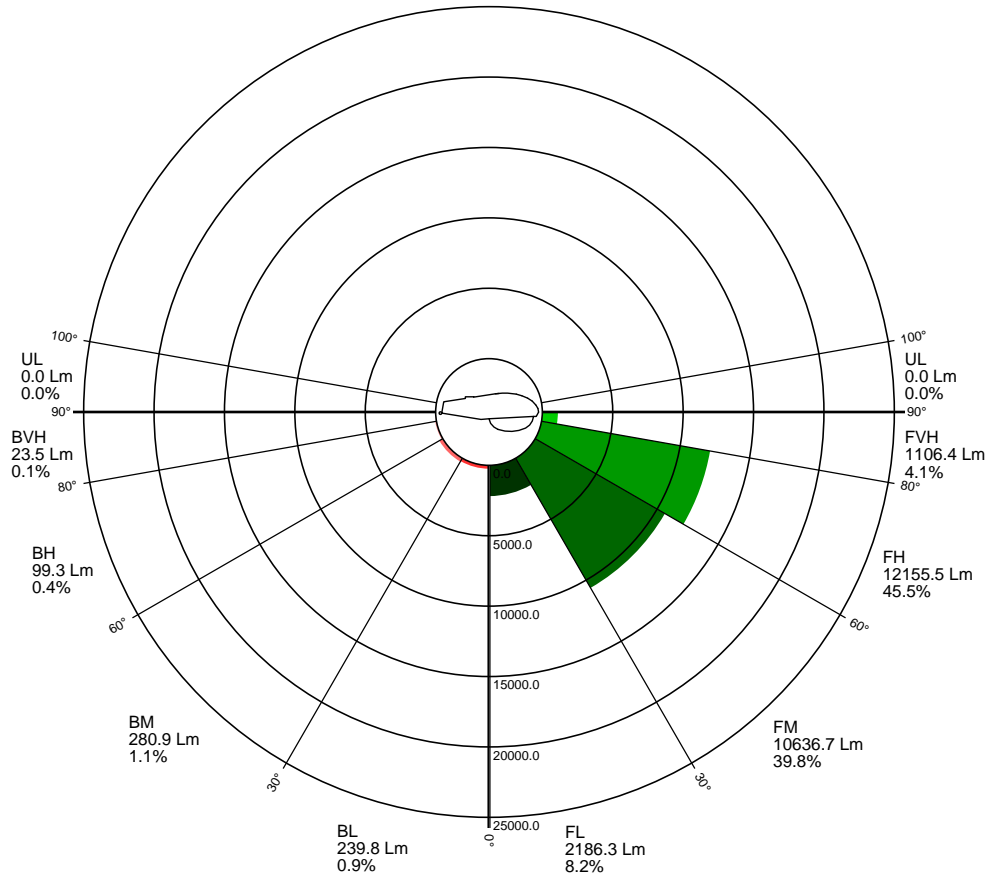
PAGE: 5 OF 9  
 DATE SAMPLE TESTED: 03/31/16

BUG Rating:			Zone Ratings		
Zonal Summary			B	U	G
Forward		26085			
FL	(0° - 30°)	2186.3			
FM	(30° - 60°)	10636.7			
FH	(60° - 80°)	12155.5			G5
FVH	(80° - 90°)	1106.4			G5
Backward		643			
BL	(0° - 30°)	239.8	B1		
BM	(30° - 60°)	280.9	B1		
BH	(60° - 80°)	99.3	B0		G0
BVH	(80° - 90°)	23.5			G1
Upward		0			
UL	(90° - 100°)	0.0		U0	
UH	(100° - 180°)	0.0		U0	
Trapped Light		0			
Total Flux		26728			

### Zonal Lumen Summary

(Linear scale)

UH  
0.0 Lm  
0.0%

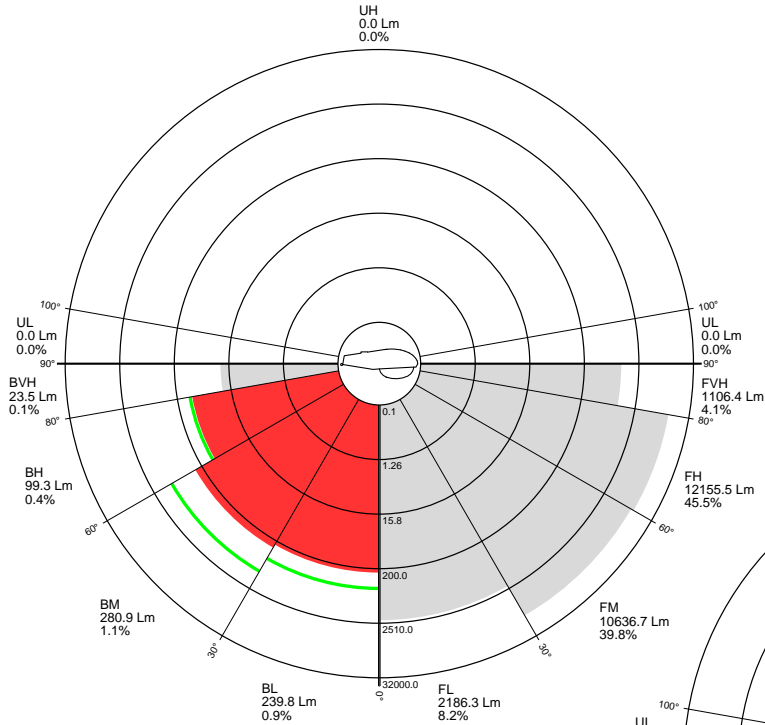


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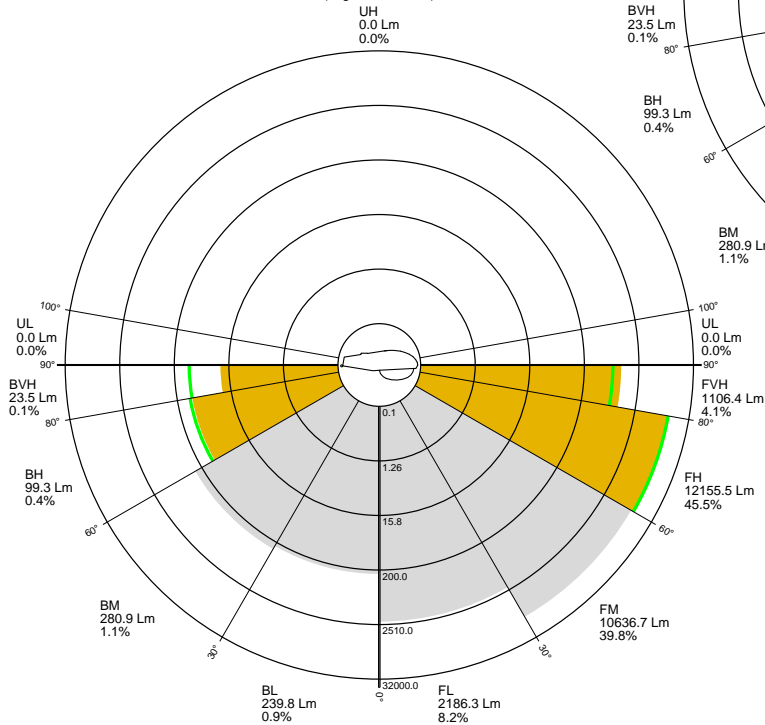
## Backlight Rating Details

(Logarithmic scale)



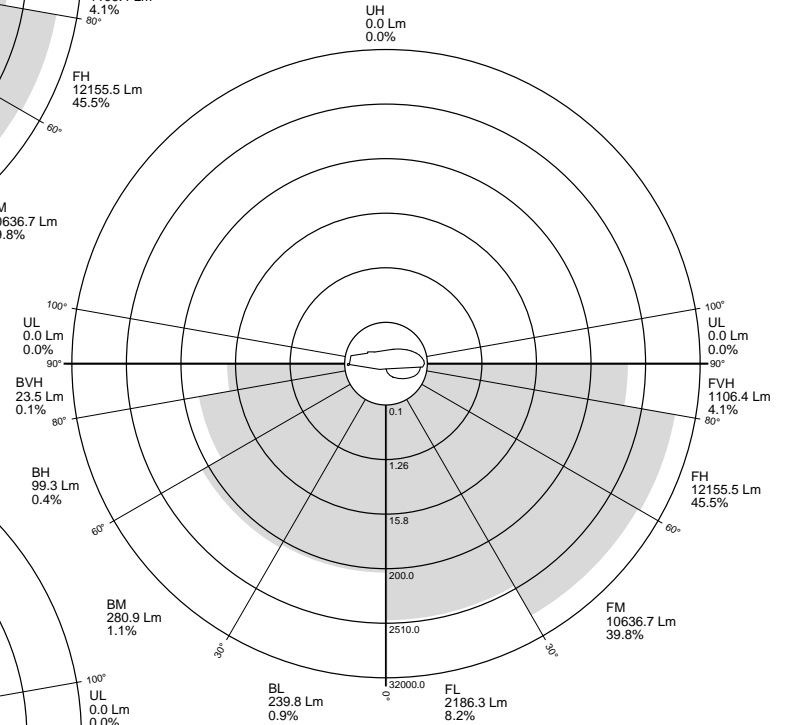
## Glare Rating Details

(Logarithmic scale)



## Uplight Rating Details

(Logarithmic scale)



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### 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	261.	271.	219.	257.	402.	352.	292.	166.	89.	69.
	85.0	2113.	2374.	2108.	1899.	2169.	1784.	1386.	956.	604.	128.
V	82.5	4172.	4429.	4697.	3749.	4290.	4415.	3512.	2788.	1461.	290.
E	80.0	7164.	7373.	8564.	7377.	9532.	8884.	6776.	5115.	2628.	998.
R	77.5	14457.	14856.	15349.	13265.	13054.	12399.	9753.	7040.	4020.	1696.
T	75.0	16433.	17449.	18099.	15664.	12993.	12953.	11175.	8311.	5603.	2443.
I	72.5	15154.	14869.	17027.	15381.	14161.	13794.	11386.	9457.	6791.	2702.
C	70.0	13243.	13454.	16044.	15769.	16067.	14602.	11802.	10112.	7554.	3498.
A	67.5	13460.	13505.	16038.	18026.	17572.	15258.	12157.	10482.	7459.	3954.
L	65.0	15418.	15179.	17231.	19213.	18874.	16559.	12086.	10031.	7947.	4355.
	62.5<	15696.	15257.	18142.	20133.	20433.	16903.	11941.	9621.	8133.	4595.
A	60.0	16597.	15898.	18488.	20173.	18487.	15357.	11806.	9495.	7643.	4818.
N	57.5	16913.	16972.	18231.	18076.	16297.	13888.	11085.	9278.	7732.	4975.
G	55.0	14873.	14955.	15824.	15136.	14420.	12569.	10531.	8839.	7519.	4951.
L	52.5	12679.	12669.	13311.	13470.	12885.	11510.	9980.	8469.	7067.	4892.
E	50.0	10757.	10904.	11297.	12284.	11792.	10745.	9401.	8136.	6819.	4811.
	47.5	9643.	9685.	10119.	11458.	10850.	10205.	8912.	7754.	6667.	4784.
	45.0	9490.	9275.	9600.	10246.	10141.	9240.	8433.	7459.	6608.	4680.
	42.5	9034.	8875.	8977.	9569.	9340.	8540.	7828.	7123.	6439.	4454.
	40.0	8799.	8712.	8646.	8907.	8454.	7972.	7336.	6899.	6294.	4130.
	37.5	8527.	8478.	8239.	8178.	7851.	7618.	7069.	6658.	6114.	4115.
	35.0	8028.	7935.	7747.	7673.	7393.	7317.	7036.	6448.	5738.	3884.
	30.0	7016.	6986.	6937.	6682.	6853.	6843.	6716.	6382.	5430.	3754.
	25.0	6566.	6551.	6529.	6302.	6113.	6204.	6116.	5964.	4874.	3488.
	20.0	6254.	6257.	6248.	6171.	5811.	5519.	5424.	4905.	3841.	2842.
	15.0	5829.	5871.	5890.	5907.	5768.	5321.	4744.	4085.	3274.	2541.
	10.0	5210.	5179.	5163.	5065.	4889.	4468.	3979.	3434.	2949.	2436.
	5.0	3582.	3551.	3535.	3440.	3369.	3229.	3034.	2846.	2633.	2382.
	0.0	2121.	2121.	2121.	2121.	2121.	2121.	2121.	2121.	2121.	2121.

||  
 PLANE OF MAXIMUM CANDELA

CONE OF MAXIMUM CANDELA

REPORT NUMBER: PRORATED FROM RAB01652  
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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	73.	43.	45.	47.	49.	50.	50.	51.	50.	50.	50.
85.0	82.	46.	45.	46.	47.	48.	47.	48.	47.	47.	47.
V 82.5	132.	51.	45.	44.	44.	45.	44.	44.	44.	43.	44.
E 80.0	588.	61.	47.	42.	42.	42.	41.	41.	41.	39.	39.
R 77.5	969.	91.	48.	42.	39.	39.	38.	38.	37.	36.	36.
T 75.0	1198.	132.	50.	41.	37.	36.	36.	36.	35.	34.	34.
I 72.5	1317.	166.	56.	43.	36.	35.	34.	34.	34.	33.	32.
C 70.0	1649.	220.	65.	51.	35.	34.	33.	33.	33.	31.	31.
A 67.5	1798.	275.	68.	49.	35.	34.	33.	33.	32.	31.	31.
L 65.0	1785.	334.	72.	62.	36.	33.	32.	32.	32.	31.	31.
62.5<<	1858.	410.	84.	83.	36.	33.	32.	32.	32.	31.	31.
A 60.0	2120.	527.	99.	117.	38.	33.	32.	33.	32.	31.	31.
N 57.5	2389.	699.	115.	119.	41.	33.	32.	33.	33.	31.	31.
G 55.0	2583.	867.	129.	87.	42.	34.	33.	33.	33.	31.	31.
L 52.5	2749.	987.	157.	91.	44.	34.	32.	33.	33.	31.	31.
E 50.0	2929.	1081.	185.	74.	44.	35.	33.	34.	33.	32.	32.
47.5	3011.	1178.	215.	74.	46.	36.	33.	34.	34.	32.	32.
45.0	3091.	1263.	246.	79.	47.	37.	33.	33.	34.	33.	32.
42.5	3079.	1361.	271.	88.	56.	38.	34.	34.	34.	34.	33.
40.0	2981.	1409.	329.	94.	63.	39.	36.	35.	35.	34.	34.
37.5	2972.	1498.	403.	102.	75.	41.	36.	36.	35.	34.	34.
35.0	2893.	1653.	433.	126.	73.	47.	37.	36.	36.	35.	35.
30.0	3087.	2307.	559.	209.	81.	56.	42.	39.	38.	37.	36.
25.0	2887.	2470.	747.	322.	143.	68.	51.	45.	43.	40.	39.
20.0	2346.	1976.	965.	467.	222.	135.	77.	55.	47.	41.	40.
15.0	2179.	1862.	1205.	693.	403.	247.	199.	144.	115.	73.	70.
10.0	2203.	1977.	1600.	1124.	785.	559.	440.	347.	292.	260.	259.
5.0	2266.	2158.	1952.	1785.	1586.	1378.	1196.	1035.	936.	911.	934.
0.0	2121.	2121.	2121.	2121.	2121.	2121.	2121.	2121.	2121.	2121.	2121.

CONE OF MAXIMUM CANDELA

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### 5-DEGREE ZONAL LUMEN SUMMARY

0- 5	53
5- 10	170
10- 15	309
15- 20	455
20- 25	622
25- 30	817
30- 35	1010
35- 40	1236
40- 45	1512
45- 50	1852
50- 55	2327
55- 60	2980
60- 65	3349
65- 70	3245
70- 75	3094
75- 80	2567
80- 85	987
85- 90	143
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	223
0- 20	987
0- 30	2426
0- 40	4673
0- 50	8036
0- 60	13344
0- 70	19937
0- 80	25599
0- 90	26728
0-100	26728
0-110	26728
0-120	26728
0-130	26728
0-140	26728
0-150	26728
0-160	26728
0-170	26728
0-180	26728