

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.

* (SEE PAGE 2 FOR MORE INFORMATION) *

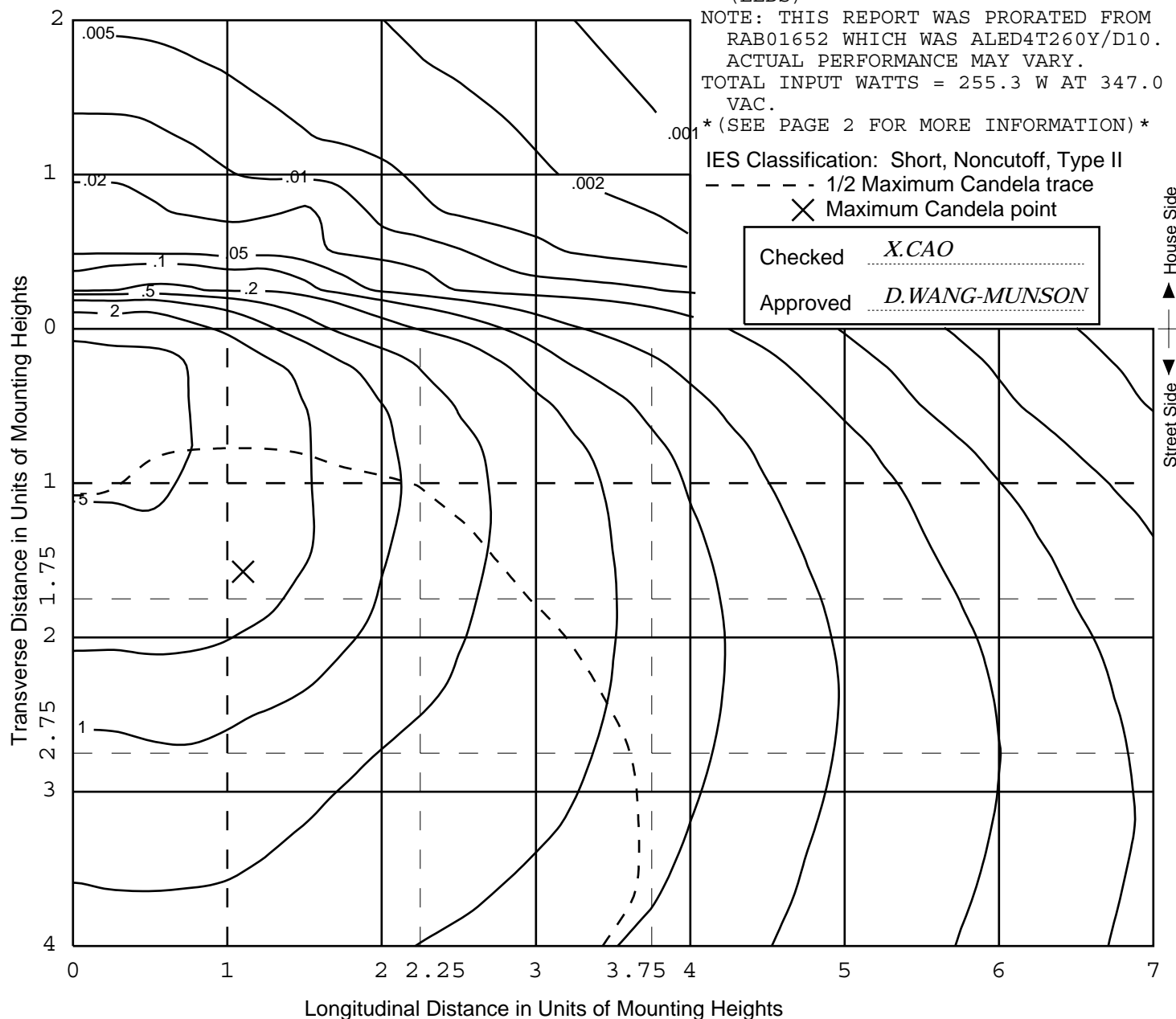
IES Classification: Short, Noncutoff, Type II

— — — — - 1/2 Maximum Candela trace

✕ Maximum Candela point

Checked X.CAO

Approved D. WANG-MUNSON



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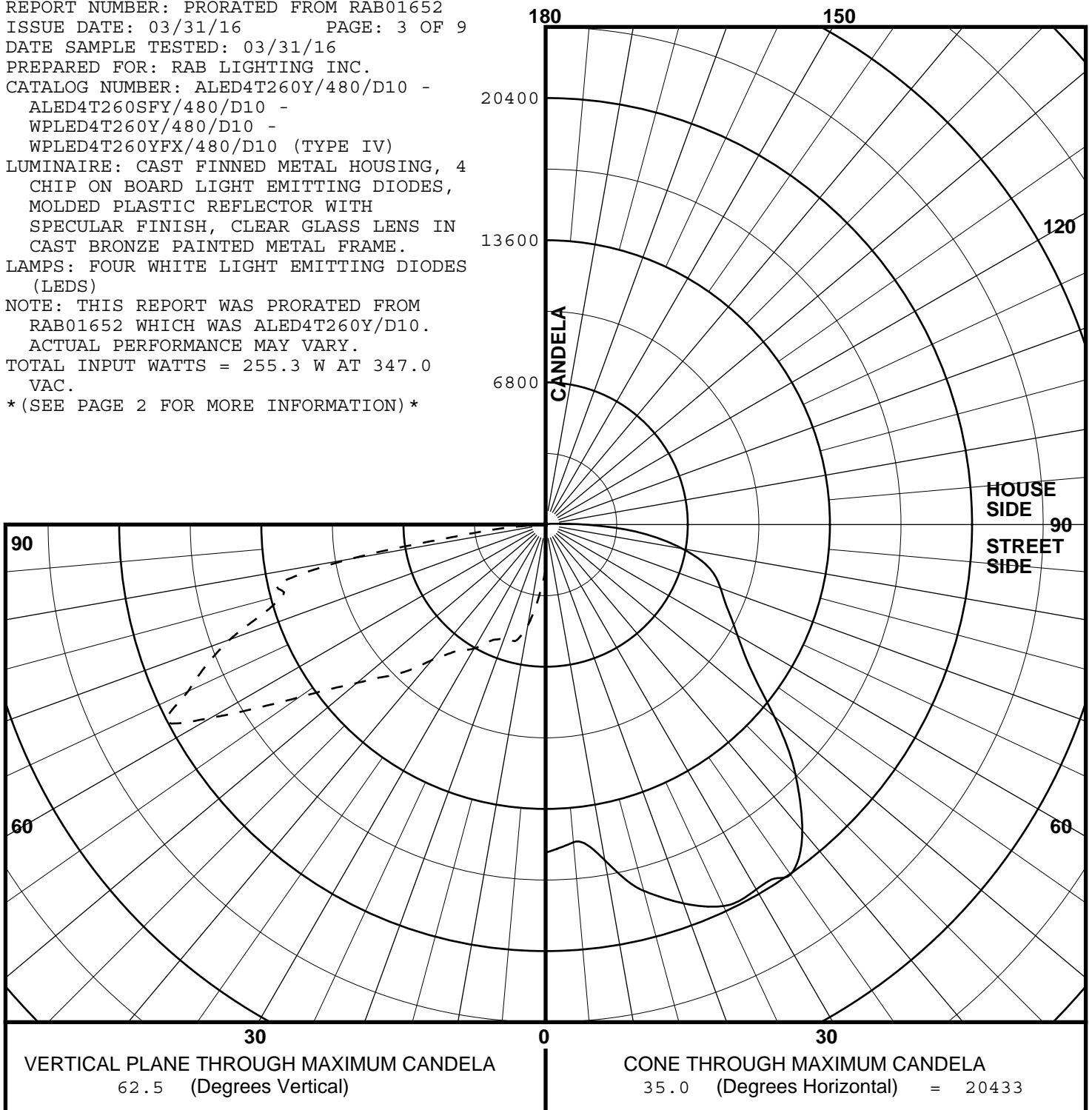
ADDITIONAL INFORMATION

LED DRIVER: RDD-P240-A2200
TEST PROCEDURE: IESNA LM-79-08
ACCREDITED LABORATORY CODE 201058-0
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

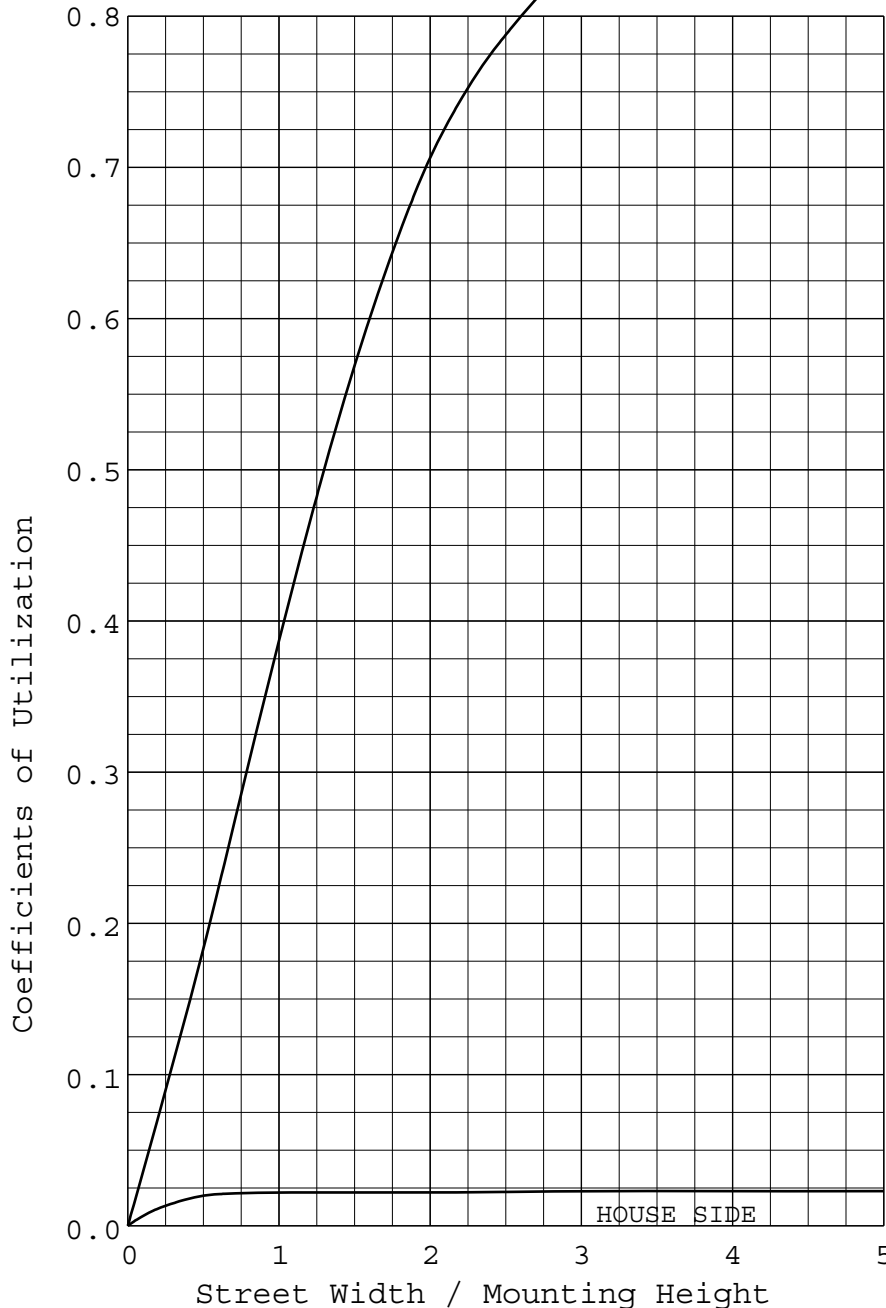
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 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: ALED4T260Y/480/D10 -
 ALED4T260SFY/480/D10 -
 WPLED4T260Y/480/D10 -
 WPLED4T260YFX/480/D10 (TYPE IV)
 LUMINAIRE: CAST FINNED METAL HOUSING, 4
 CHIP ON BOARD LIGHT EMITTING DIODES,
 MOLDED PLASTIC REFLECTOR WITH
 SPECULAR FINISH, CLEAR GLASS LENS IN
 CAST BRONZE PAINTED METAL FRAME.
 LAMPS: FOUR WHITE LIGHT EMITTING DIODES
 (LEDS)
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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.

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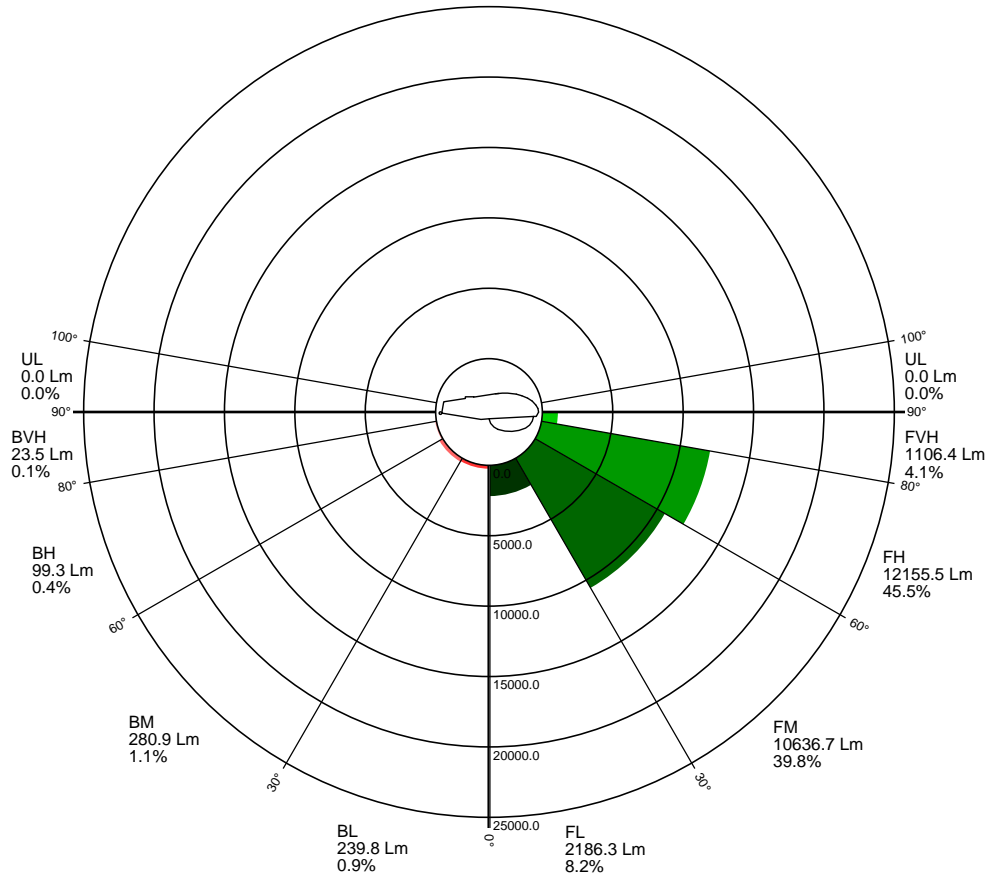
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BUG Rating:				B1 U0 G5		
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		26085	97.6			
FL	(0° - 30°)	2186.3	8.2			
FM	(30° - 60°)	10636.7	39.8			
FH	(60° - 80°)	12155.5	45.5			G5
FVH	(80° - 90°)	1106.4	4.1			G5
Backward		643	2.4			
BL	(0° - 30°)	239.8	0.9	B1		
BM	(30° - 60°)	280.9	1.1	B1		
BH	(60° - 80°)	99.3	0.4	B0		G0
BVH	(80° - 90°)	23.5	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		26728	100.0			

Zonal Lumen Summary

(Linear scale)

UH
0.0 Lm
0.0%

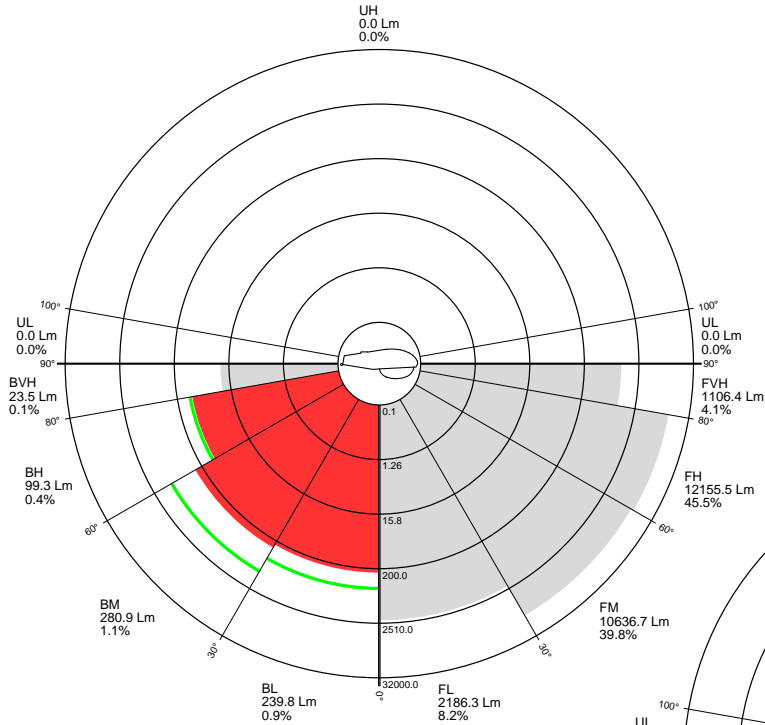


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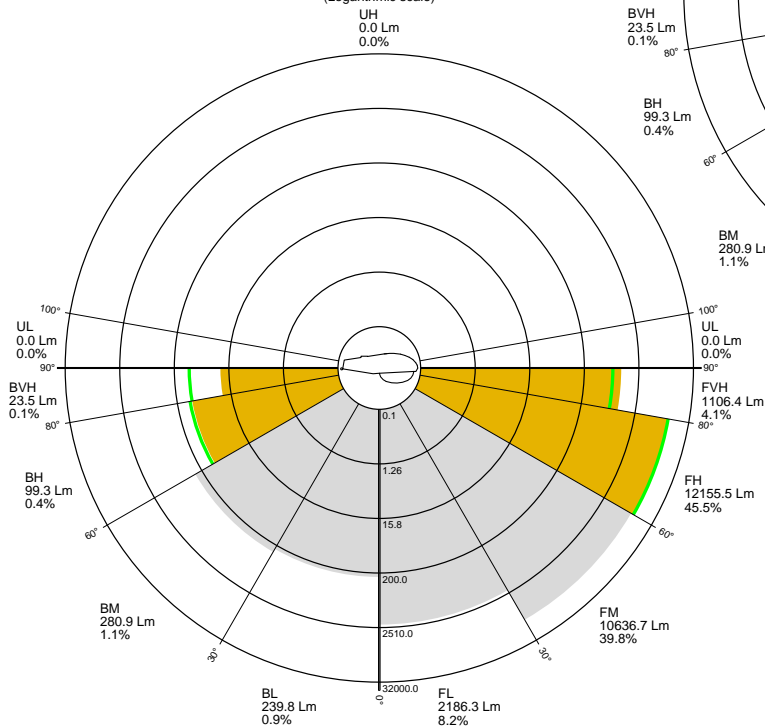
Backlight Rating Details

(Logarithmic scale)



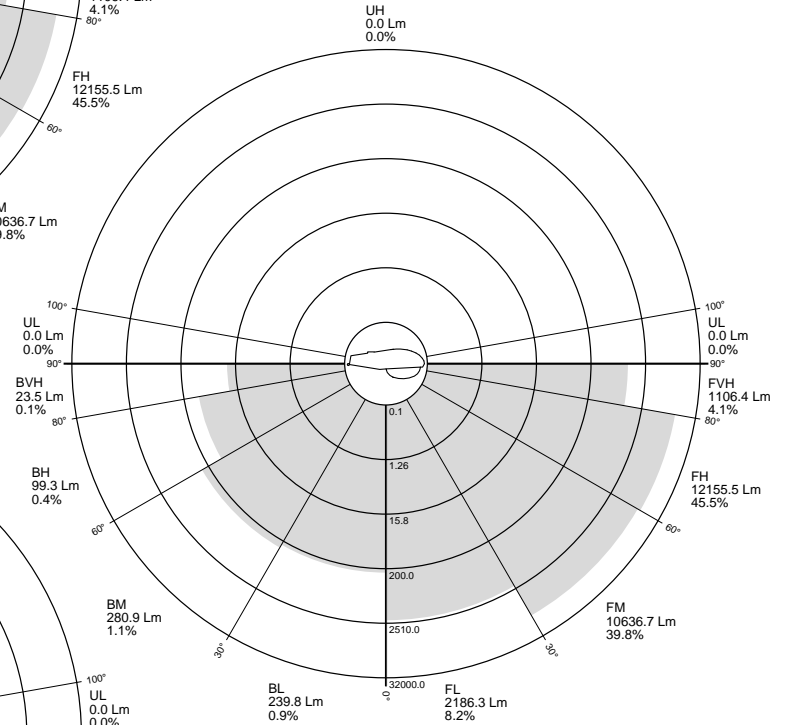
Glare Rating Details

(Logarithmic scale)



Uplight Rating Details

(Logarithmic scale)



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CANDELA TABULATION

	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	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

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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