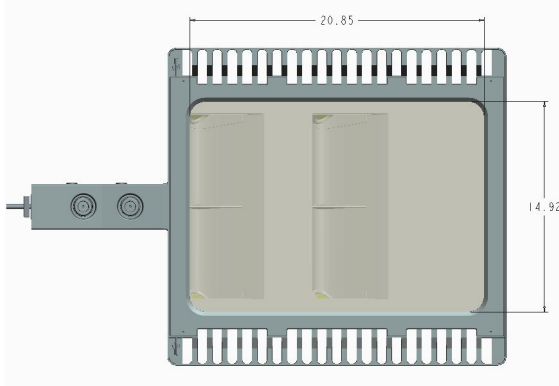


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 25 foot mounting height.



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PREPARED FOR: RAB LIGHTING INC.
CATALOG NUMBER: ALED2T260N/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
RAB01656 WHICH WAS ALED2T260N/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)

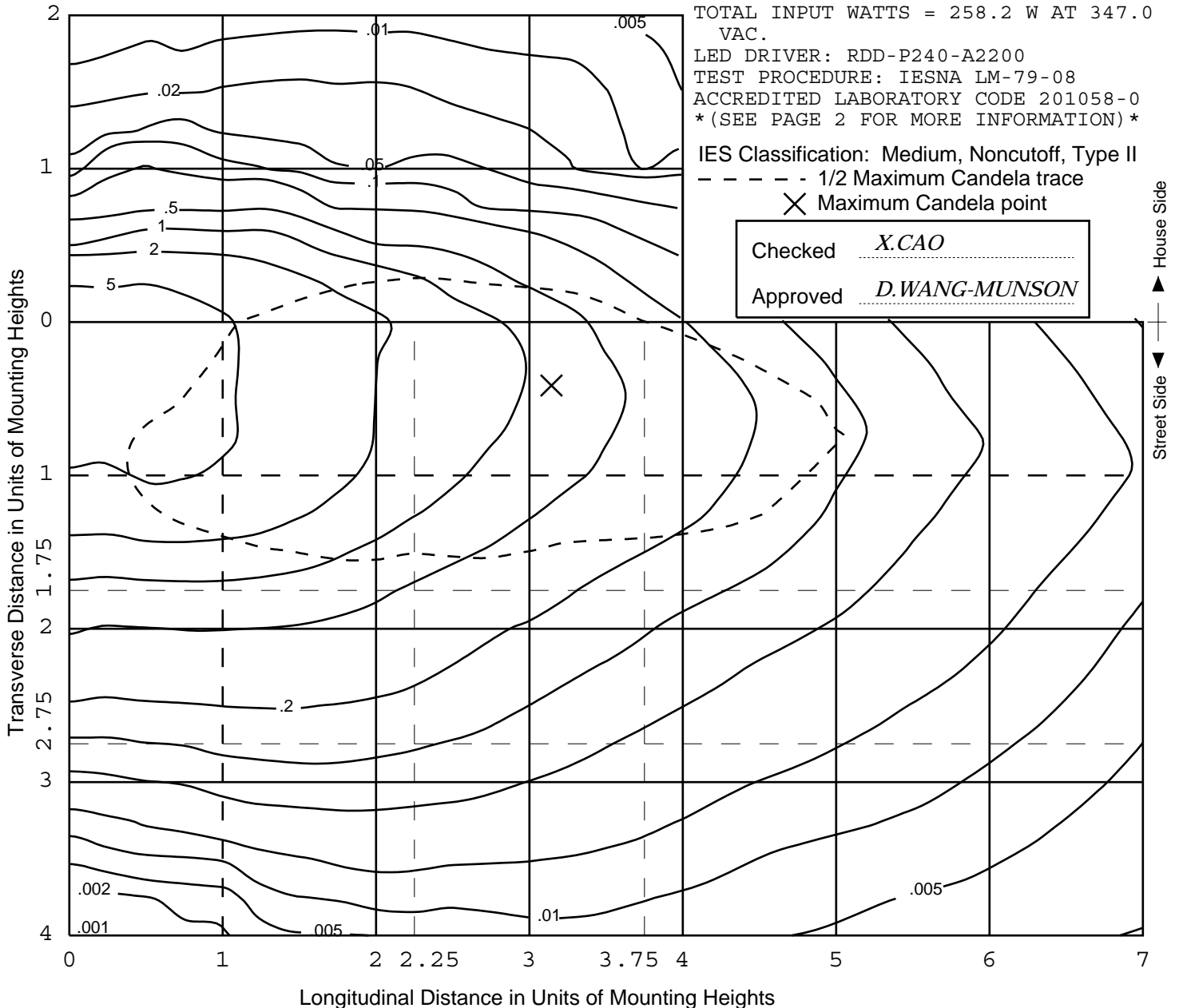
IES Classification: Medium, Noncutoff, Type II

--- 1/2 Maximum Candela trace

× Maximum Candela point

Checked X.CAO

Approved D.WANG-MUNSON



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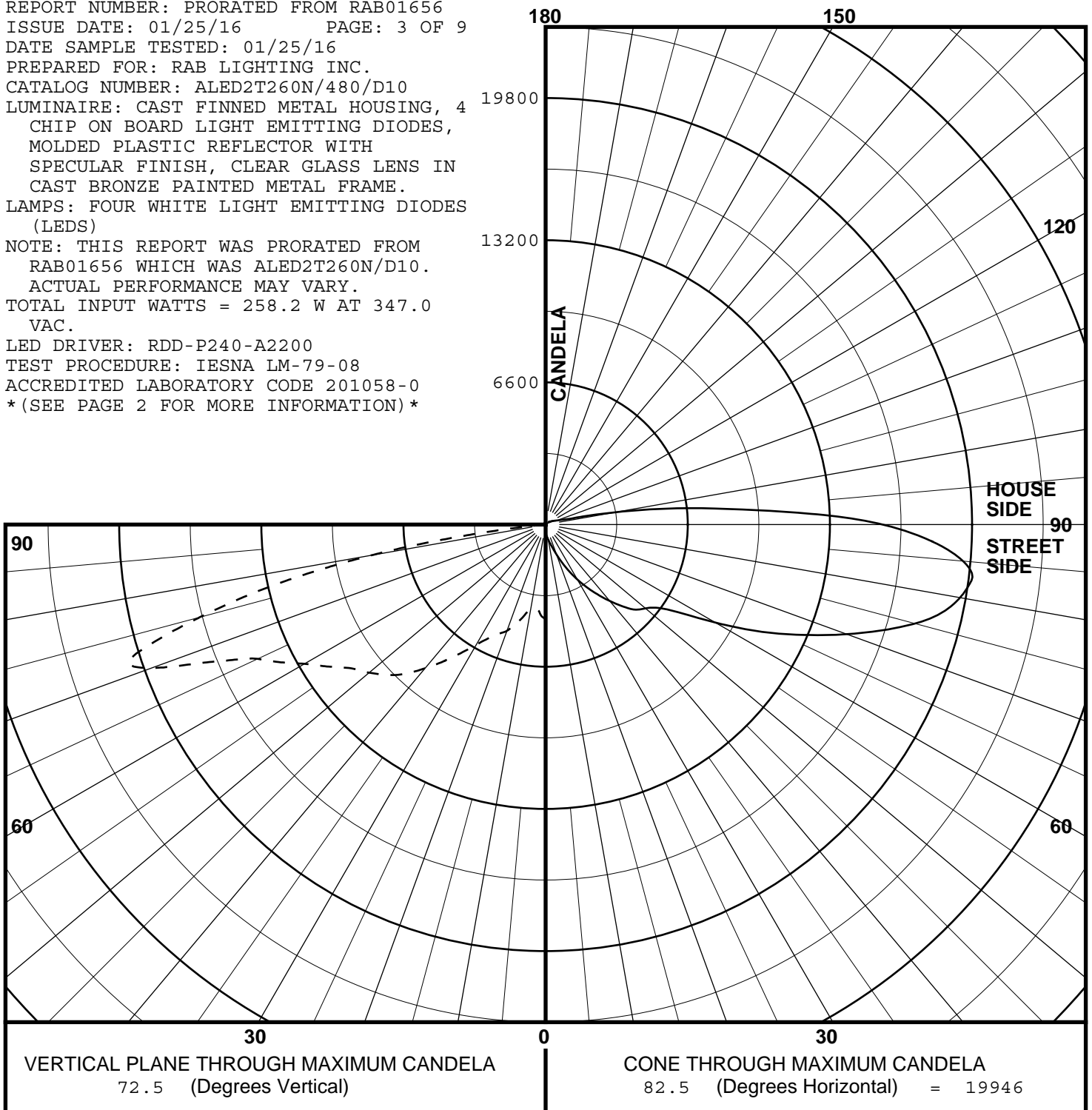
ADDITIONAL INFORMATION

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

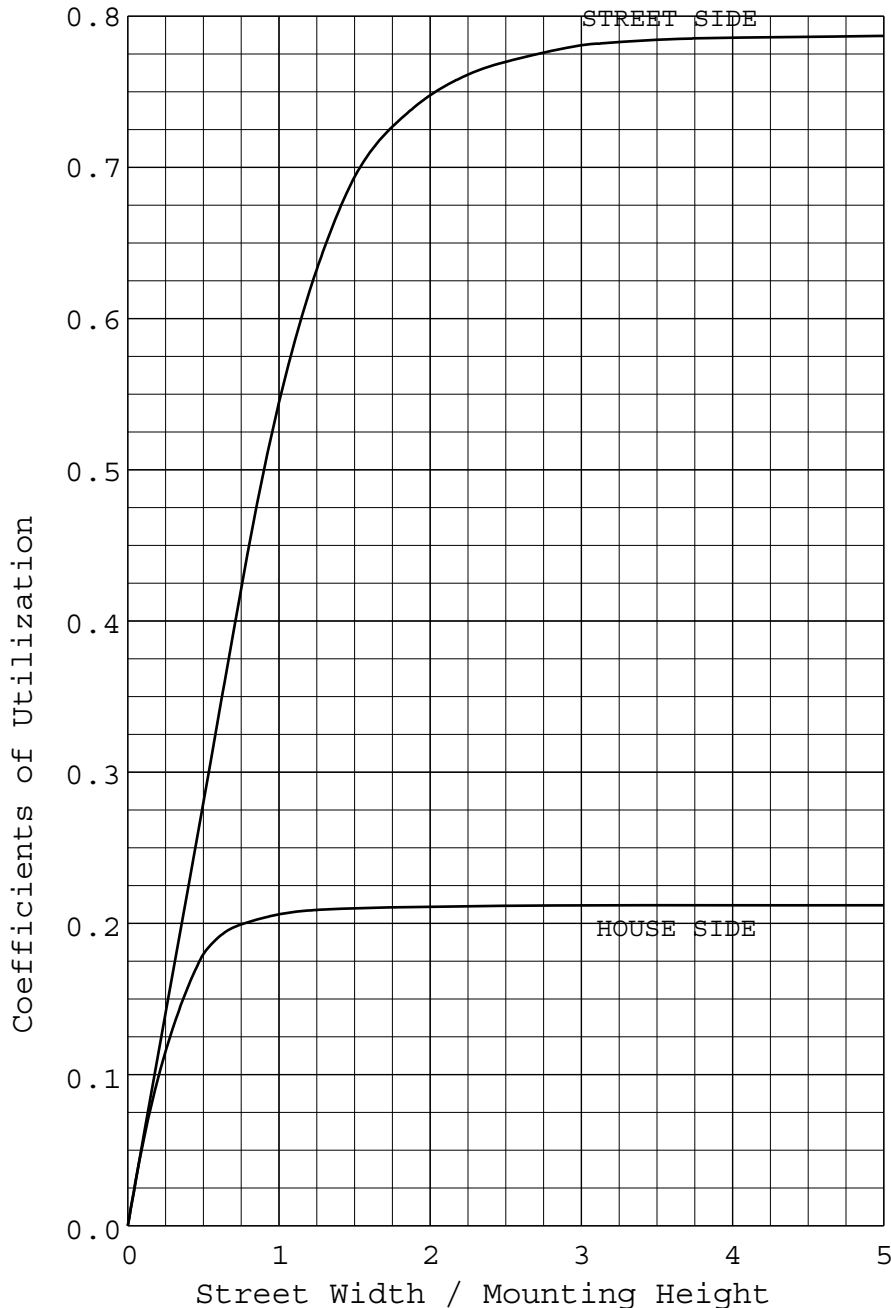
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 ISSUE DATE: 01/25/16 PAGE: 3 OF 9
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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	21682.	78.8
DOWNWARD HOUSE SIDE	5845.	21.2
DOWNWARD TOTAL	27528.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	27528.	100.0
TOTAL INPUT WATTS = 258.2		
EFFICACY = 106.6 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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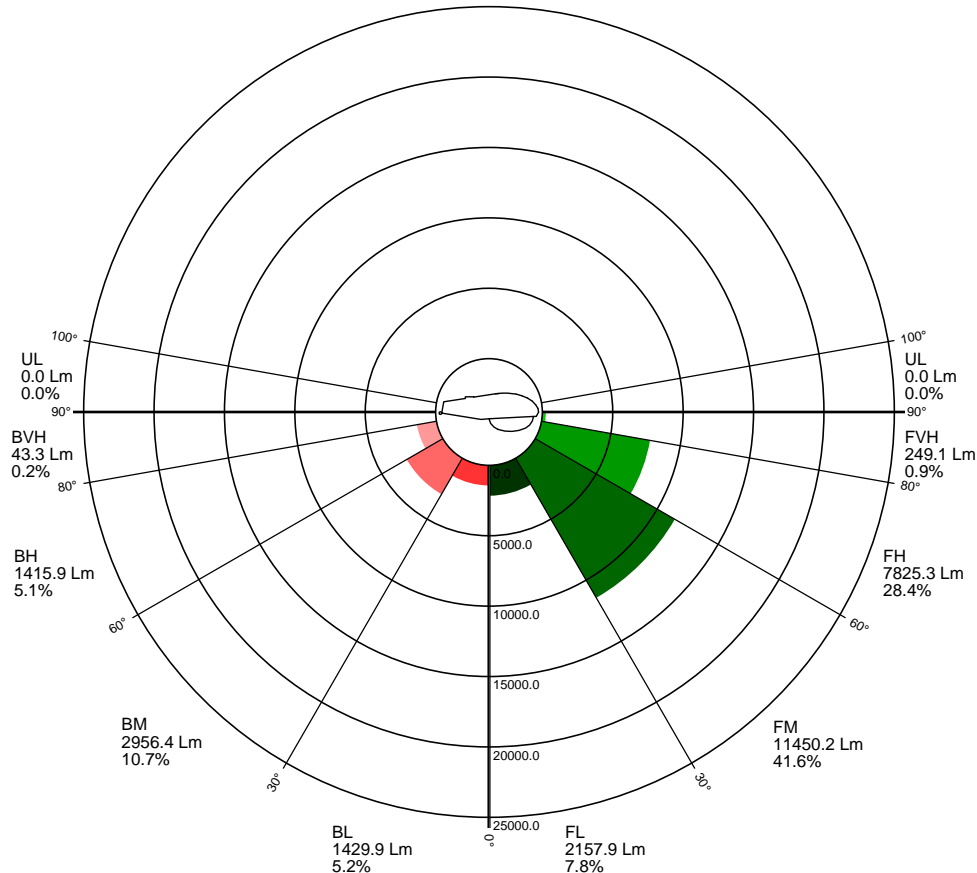
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BUG Rating:				B3 U0 G4		
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		21682	78.8			
FL	(0° - 30°)	2157.9	7.8			
FM	(30° - 60°)	11450.2	41.6			
FH	(60° - 80°)	7825.3	28.4			G4
FVH	(80° - 90°)	249.1	0.9			G3
Backward		5845	21.2			
BL	(0° - 30°)	1429.9	5.2	B3		
BM	(30° - 60°)	2956.4	10.7	B3		
BH	(60° - 80°)	1415.9	5.1	B3		G3
BVH	(80° - 90°)	43.3	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		27528	100.0			

Zonal Lumen Summary

(Linear scale)

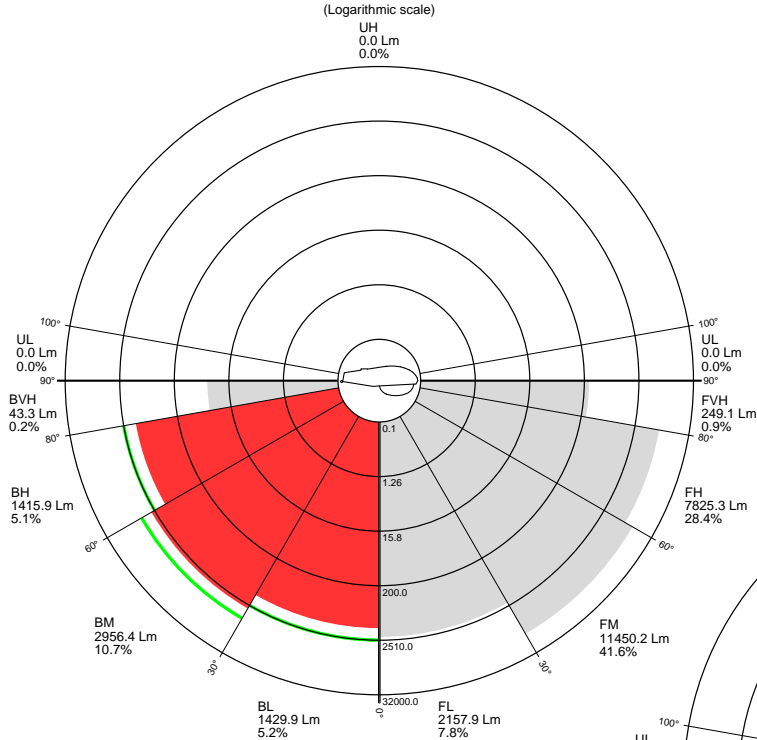
UH
0.0 Lm
0.0%



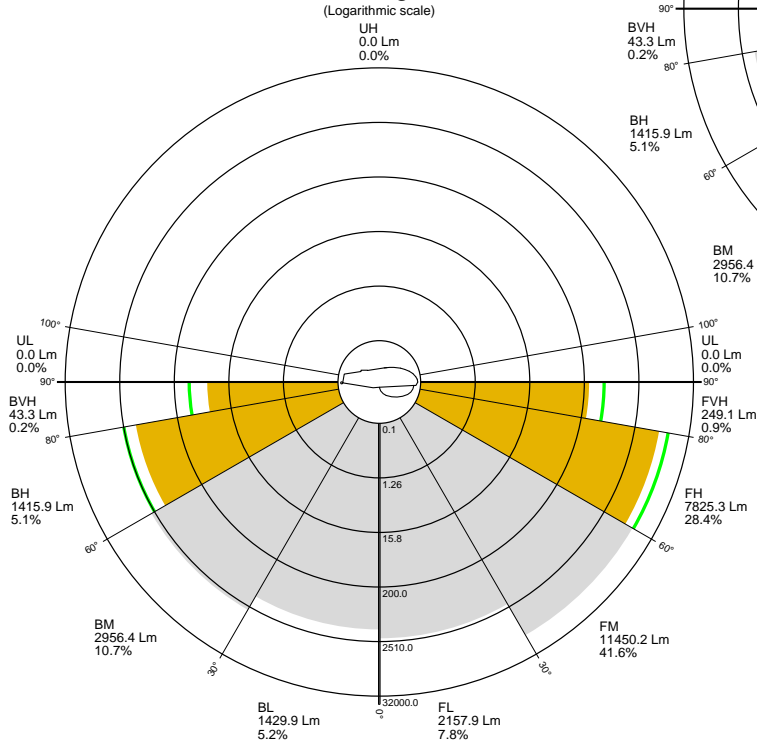
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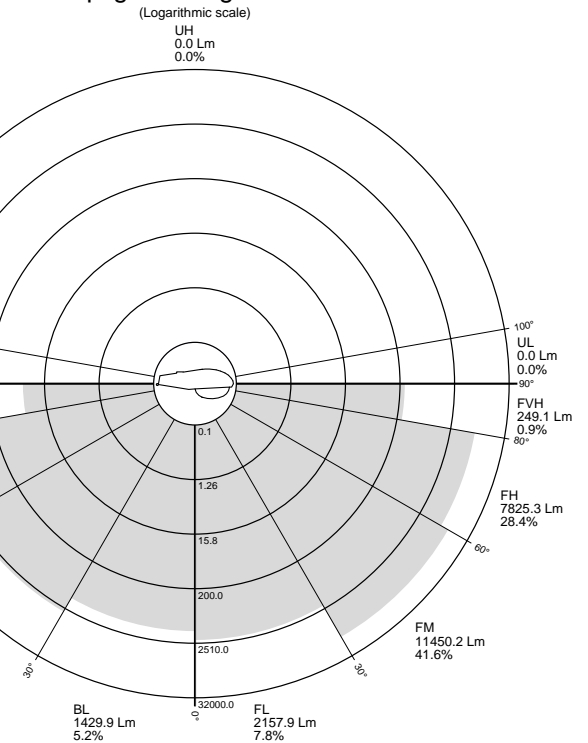
Backlight Rating Details



Glare Rating Details



Uplight Rating Details



STREET	SIDE	LATERAL ANGLE										
		0.0	5.0	15.0	25.0	35.0	45.0	55.0	65.0	75.0	82.5	85.0
180.0	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.	0.
165.0	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.	0.
145.0	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.	0.
125.0	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.	0.
105.0	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.	0.
90.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
87.5	20.	19.	20.	22.	25.	24.	23.	23.	52.	91.	82.	
85.0	27.	22.	23.	26.	35.	36.	41.	167.	273.	470.	363.	
V 82.5	30.	25.	27.	31.	44.	69.	420.	1049.	1676.	3238.	2477.	
E 80.0	32.	27.	28.	35.	105.	656.	1443.	3219.	5900.	8243.	6627.	
R 77.5	34.	29.	34.	177.	761.	2000.	3362.	5339.	11221.	12842.	10849.	
T 75.0	46.	51.	150.	942.	2187.	3803.	5254.	8067.	15319.	16626.	14919.	
I 72.5<<	372.	525.	995.	2167.	3763.	5519.	6859.	11989.	17759.	19946.	19456.	
C 70.0	1320.	1377.	2008.	3244.	4913.	6551.	8962.	14833.	18133.	19472.	19746.	
A 67.5	2614.	2422.	3076.	4120.	5497.	7870.	12005.	16207.	16773.	16608.	16357.	
L 65.0	3520.	3077.	3594.	4570.	6250.	9807.	14523.	16620.	15363.	14749.	15469.	
	62.5	3769.	3405.	4017.	5231.	7480.	12135.	15838.	16464.	14394.	13849.	14453.
A 60.0	4281.	3940.	4641.	6309.	9504.	13790.	16133.	15772.	13621.	12932.	13138.	
N 57.5	4915.	4561.	5624.	7943.	11412.	14741.	16009.	14771.	12932.	12231.	12121.	
G 55.0	5753.	5424.	6702.	9562.	12365.	14978.	15399.	13686.	12259.	11566.	11324.	
L 52.5	6690.	6334.	7357.	10471.	12992.	14762.	14263.	12647.	11510.	11045.	10911.	
E 50.0	7189.	6990.	7769.	11115.	12994.	13915.	13227.	11721.	10973.	10700.	10594.	
	47.5	7818.	7557.	7803.	11151.	12682.	12738.	12129.	10879.	10514.	10300.	10118.
	45.0	8350.	8083.	8195.	10765.	11851.	11453.	11045.	10216.	10253.	9874.	9663.
	42.5	8276.	8156.	8710.	10587.	10752.	10405.	10171.	9880.	9869.	9330.	9123.
	40.0	8072.	7927.	8506.	10151.	10022.	9741.	9641.	9619.	9337.	8712.	8479.
	37.5	7610.	7481.	7800.	8914.	9303.	9199.	9188.	9136.	8746.	8105.	7917.

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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	53.	26.	25.	18.	17.	17.	21.	22.	19.	18.	18.
85.0	216.	67.	85.	18.	16.	15.	18.	20.	18.	16.	16.
V 82.5	1357.	469.	117.	26.	17.	14.	16.	18.	16.	15.	15.
E 80.0	4421.	1969.	162.	39.	26.	13.	14.	16.	15.	13.	13.
R 77.5	7115.	3735.	238.	192.	74.	21.	13.	15.	13.	12.	13.
T 75.0	10123.	5417.	386.	419.	151.	49.	19.	17.	15.	12.	13.
I 72.5	15675.	8376.	861.	406.	219.	88.	32.	26.	23.	14.	15.
C 70.0	16759.	10077.	1793.	433.	288.	126.	58.	34.	29.	18.	16.
A 67.5	14869.	11591.	2426.	517.	299.	171.	78.	48.	41.	23.	23.
L 65.0	15698.	12571.	2672.	484.	210.	186.	104.	57.	52.	32.	36.
62.5	15242.	11938.	3457.	526.	268.	179.	122.	64.	60.	36.	42.
A 60.0	13193.	11555.	4913.	1196.	431.	196.	123.	78.	67.	48.	44.
N 57.5	12014.	11000.	5726.	2349.	559.	276.	151.	84.	72.	48.	49.
G 55.0	11499.	10830.	6123.	3004.	757.	384.	327.	111.	66.	46.	54.
L 52.5	10685.	9999.	6263.	2946.	1068.	375.	476.	241.	83.	50.	60.
E 50.0	10438.	9943.	6739.	2946.	1326.	455.	350.	507.	244.	96.	96.
47.5	10027.	9874.	7175.	3193.	1485.	766.	288.	463.	415.	255.	121.
45.0	9450.	9244.	7151.	3521.	1662.	931.	444.	348.	274.	230.	109.
42.5	8826.	8487.	6850.	3853.	1853.	1089.	603.	570.	210.	182.	71.
40.0	8254.	7985.	6728.	4142.	2094.	1287.	767.	481.	265.	123.	97.
37.5	7690.	7500.	6582.	4425.	2398.	1437.	985.	577.	296.	239.	261.
35.0	7175.	7061.	6435.	4634.	2742.	1649.	1199.	735.	370.	440.	457.
30.0	6362.	6366.	5927.	4850.	3454.	2323.	1572.	944.	560.	737.	801.
25.0	5768.	5719.	5531.	4996.	4047.	3049.	2125.	1320.	806.	886.	921.
20.0	5305.	5298.	5081.	4791.	4235.	3580.	2725.	1961.	1573.	1532.	1557.
15.0	4632.	4620.	4457.	4256.	3966.	3619.	3190.	2825.	2803.	3004.	3098.
10.0	4015.	3981.	3912.	3756.	3665.	3638.	3538.	3541.	3735.	3952.	3998.
5.0	3977.	3927.	3905.	3839.	3838.	3877.	3927.	4026.	4143.	4193.	4210.
0.0	4409.	4409.	4409.	4409.	4409.	4409.	4409.	4409.	4409.	4409.	4409.

CONE OF MAXIMUM CANDELA

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5-DEGREE ZONAL LUMEN SUMMARY

0- 5	102
5- 10	291
10- 15	479
15- 20	675
20- 25	889
25- 30	1152
30- 35	1490
35- 40	1893
40- 45	2292
45- 50	2676
50- 55	2969
55- 60	3086
60- 65	2996
65- 70	2813
70- 75	2266
75- 80	1166
80- 85	275
85- 90	17
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	393
0- 20	1547
0- 30	3588
0- 40	6971
0- 50	11939
0- 60	17994
0- 70	23803
0- 80	27236
0- 90	27528
0-100	27528
0-110	27528
0-120	27528
0-130	27528
0-140	27528
0-150	27528
0-160	27528
0-170	27528
0-180	27528