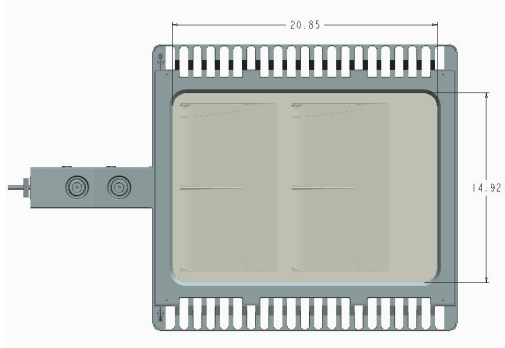


## ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 35 foot mounting height.



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 ISSUE DATE: 04/08/16 PAGE: 1 OF 9  
 DATE SAMPLE TESTED: 04/08/16  
 PREPARED FOR: RAB LIGHTING INC.  
 CATALOG NUMBER: ALED3T360/480/D10 -  
 ALED3T360SF/480/D10 -  
 WPLED3T360/480/D10 -  
 WPLED3T360FX/480/D10 (TYPE III)  
 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  
 RAB01835 WHICH WAS ALED3T360/D10.  
 ACTUAL PERFORMANCE MAY VARY.  
 TOTAL INPUT WATTS = 364.1 W AT 347.0  
 VAC.

\*(SEE PAGE 2 FOR MORE INFORMATION)\*

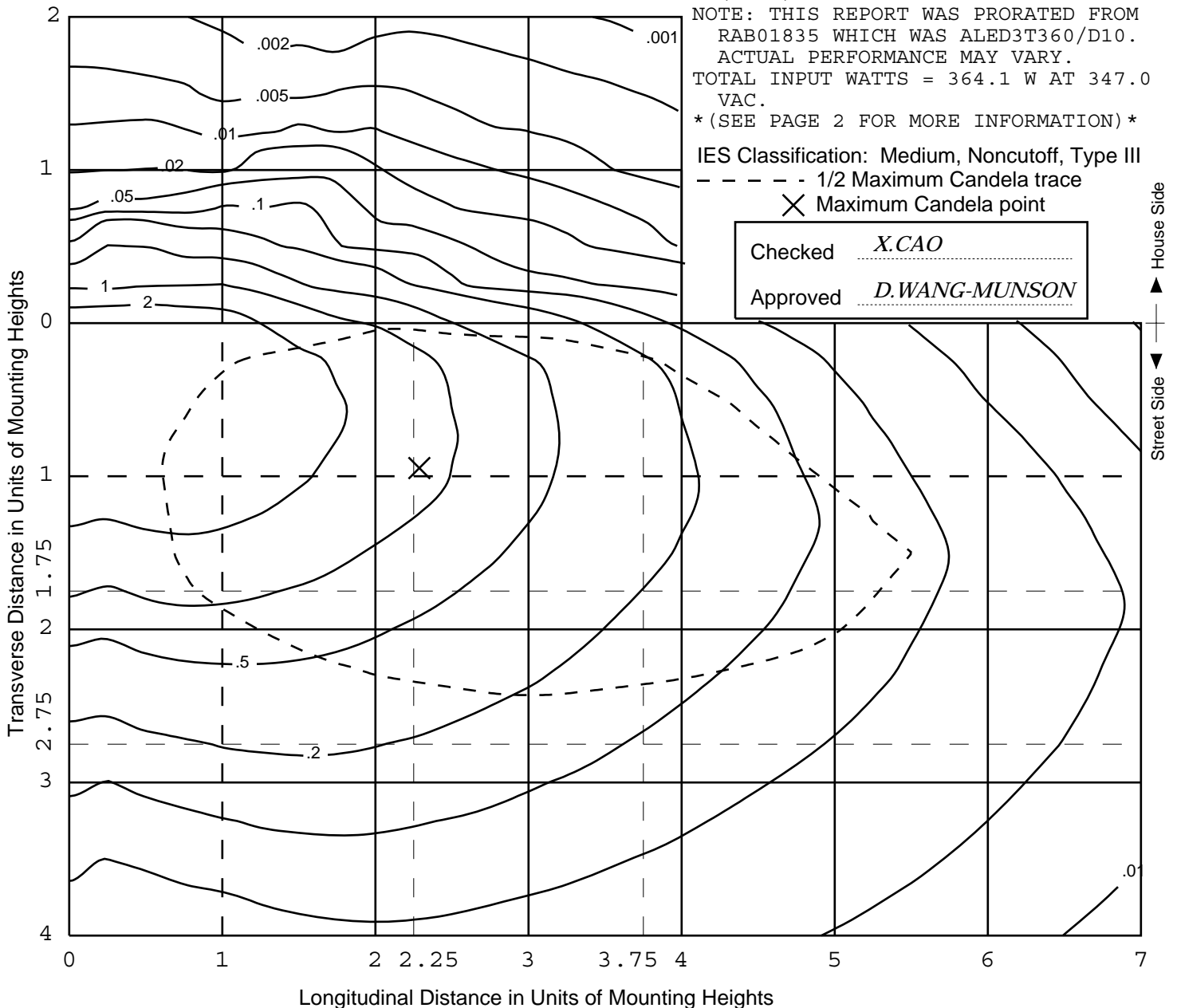
IES Classification: Medium, Noncutoff, Type III

--- 1/2 Maximum Candela trace

X Maximum Candela point

Checked X.CAO

Approved D.WANG-MUNSON



REPORT NUMBER: PRORATED FROM RAB01835  
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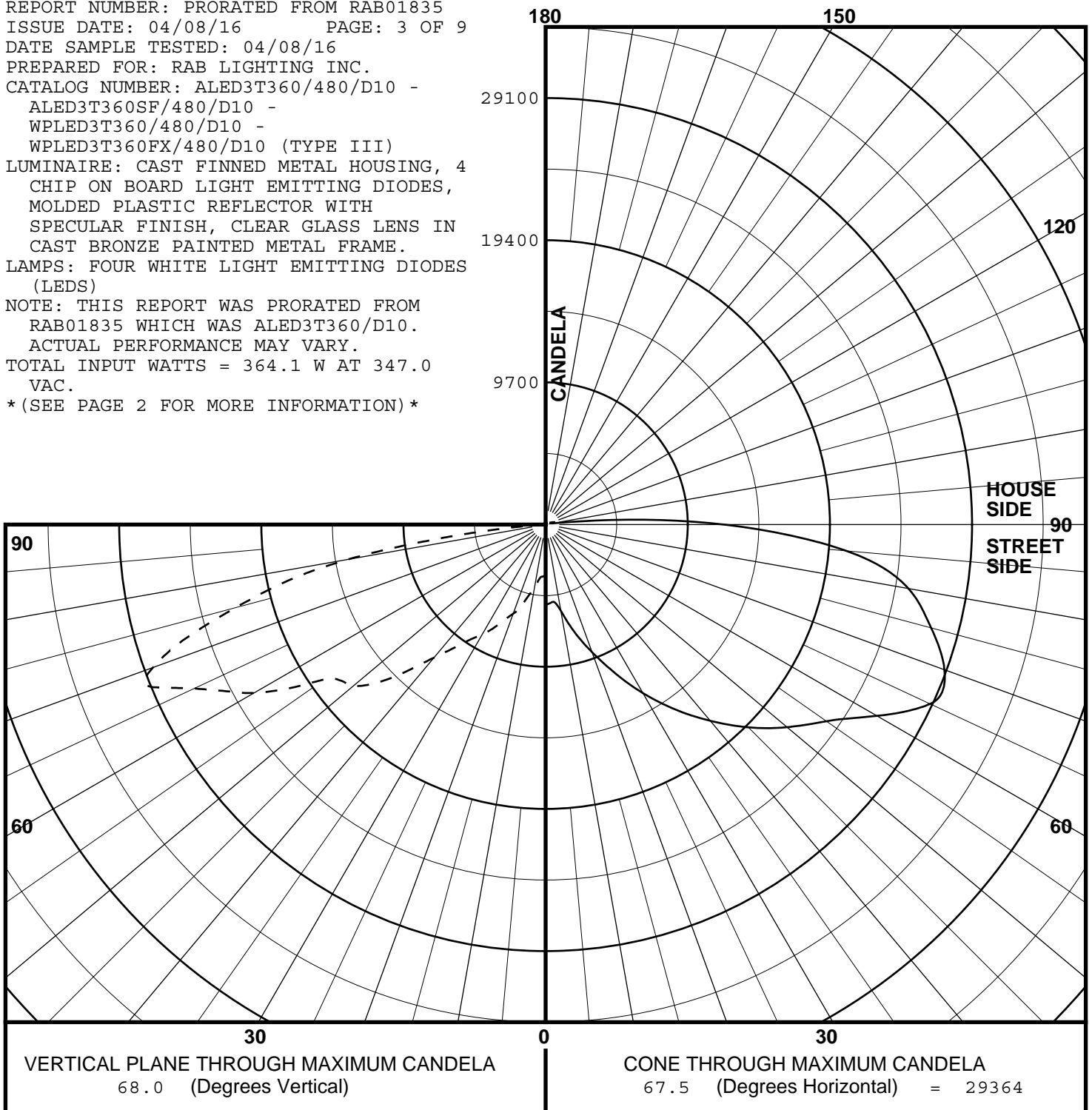
ADDITIONAL INFORMATION

LED DRIVER: 2X RD-G200-A2100-D  
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

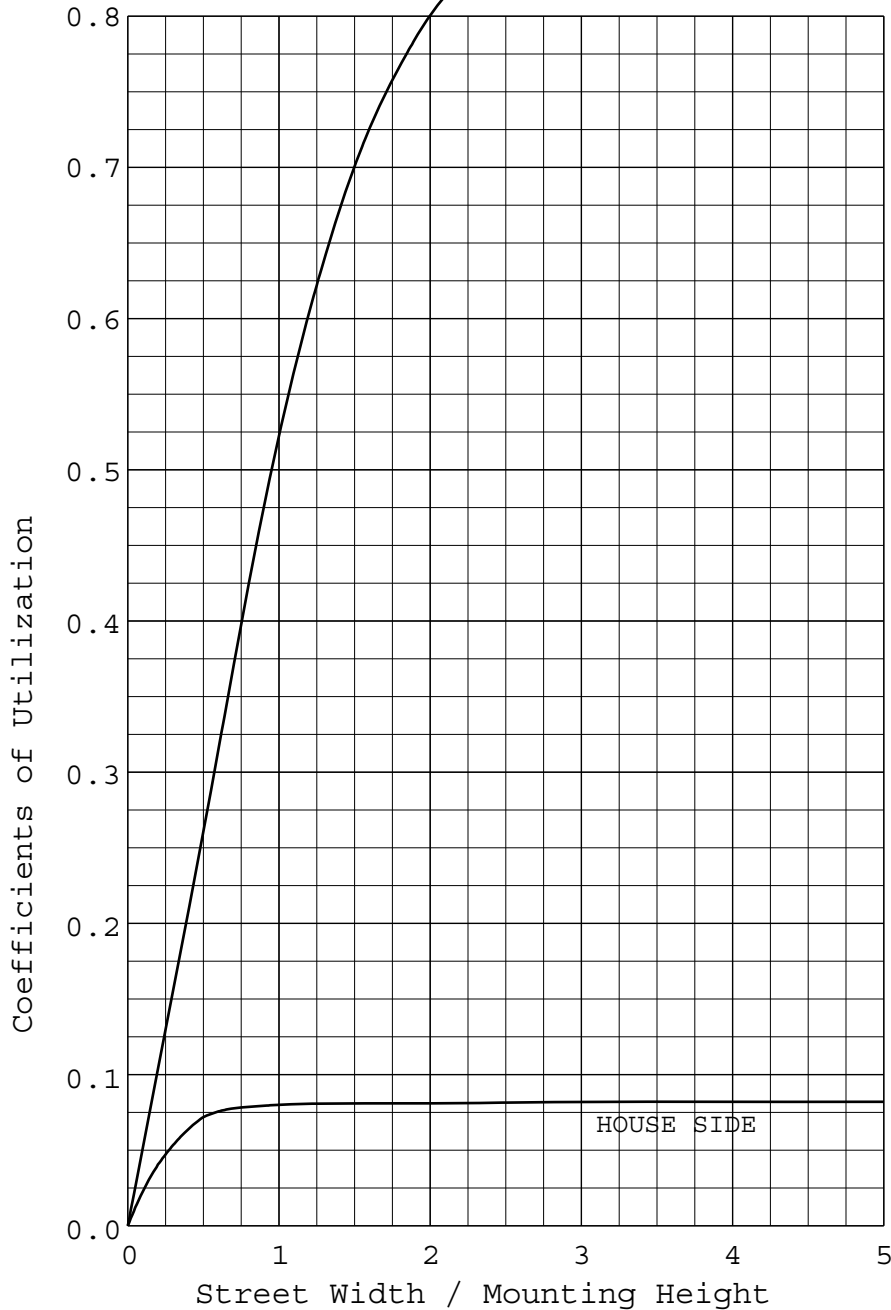
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 WPLED3T360FX/480/D10 (TYPE III)  
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 CHIP ON BOARD LIGHT EMITTING DIODES,  
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 ACTUAL PERFORMANCE MAY VARY.  
 TOTAL INPUT WATTS = 364.1 W AT 347.0  
 VAC.  
 \*(SEE PAGE 2 FOR MORE INFORMATION)\*



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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	33916.	91.7
DOWNWARD HOUSE SIDE	3058.	8.3
DOWNWARD TOTAL	36974.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	36974.	100.0
TOTAL INPUT WATTS = 364.1		
EFFICACY = 101.5 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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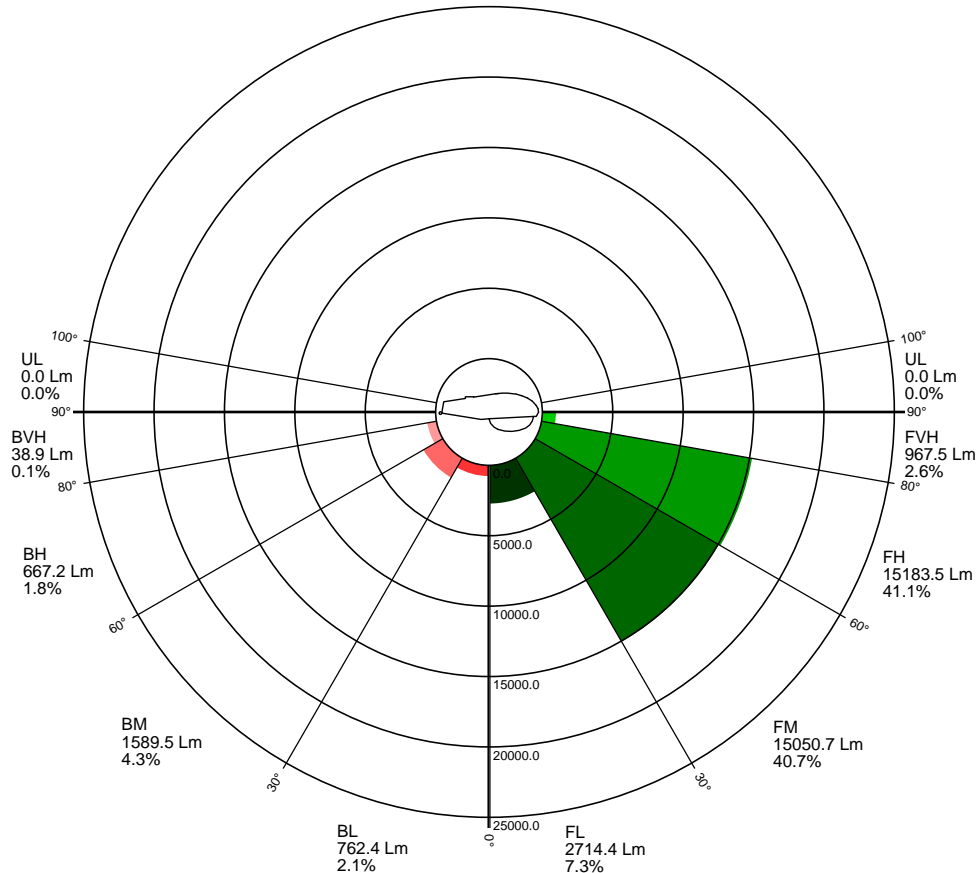
PAGE: 5 OF 9  
 DATE SAMPLE TESTED: 04/08/16

BUG Rating:				B2 U0 G5		
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		33916	91.7			
FL	(0° - 30°)	2714.4	7.3			
FM	(30° - 60°)	15050.7	40.7			
FH	(60° - 80°)	15183.5	41.1			G5
FVH	(80° - 90°)	967.5	2.6			G5
Backward		3058	8.3			
BL	(0° - 30°)	762.4	2.1	B2		
BM	(30° - 60°)	1589.5	4.3	B2		
BH	(60° - 80°)	667.2	1.8	B2		G2
BVH	(80° - 90°)	38.9	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		36974	100.0			

### Zonal Lumen Summary

(Linear scale)

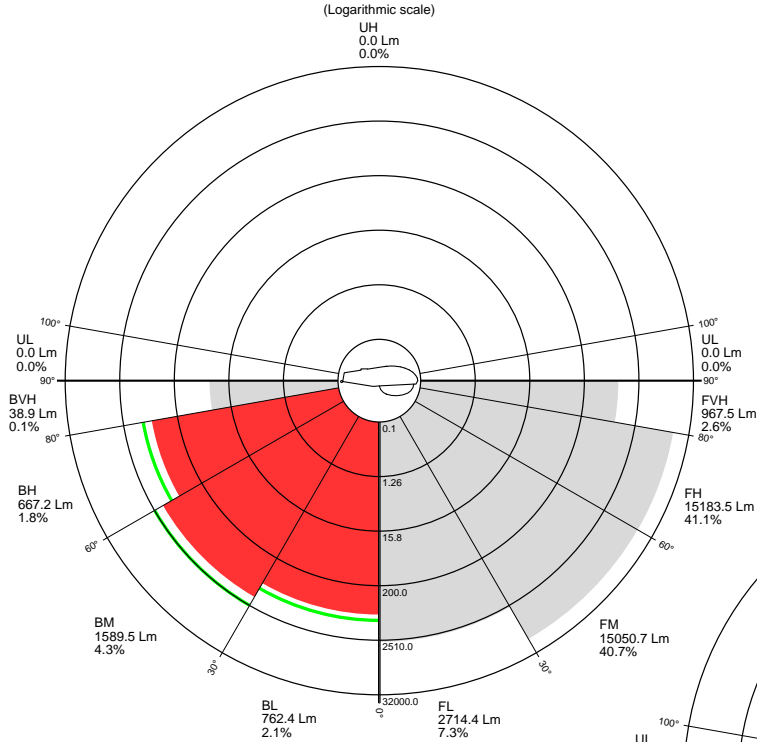
UH  
0.0 Lm  
0.0%



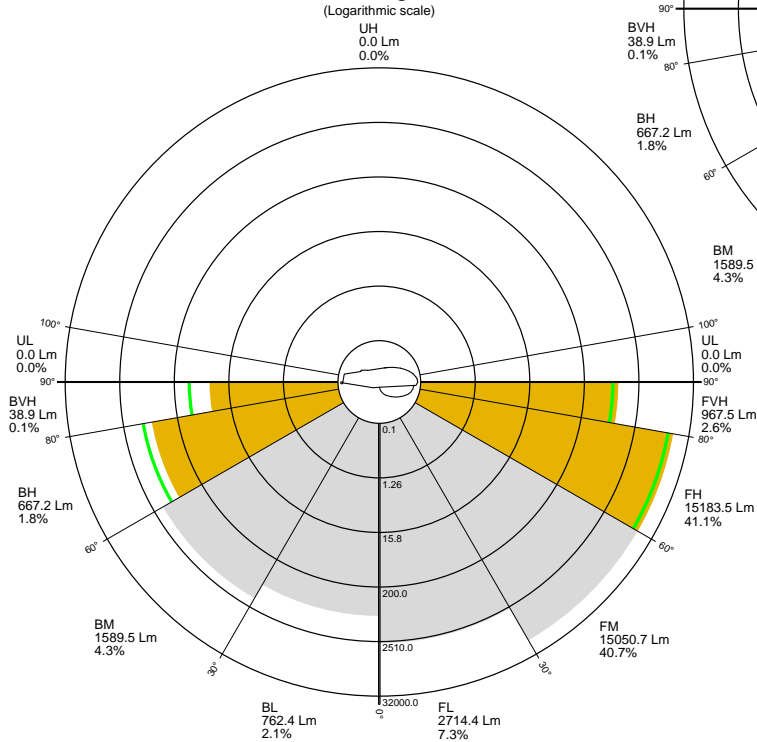
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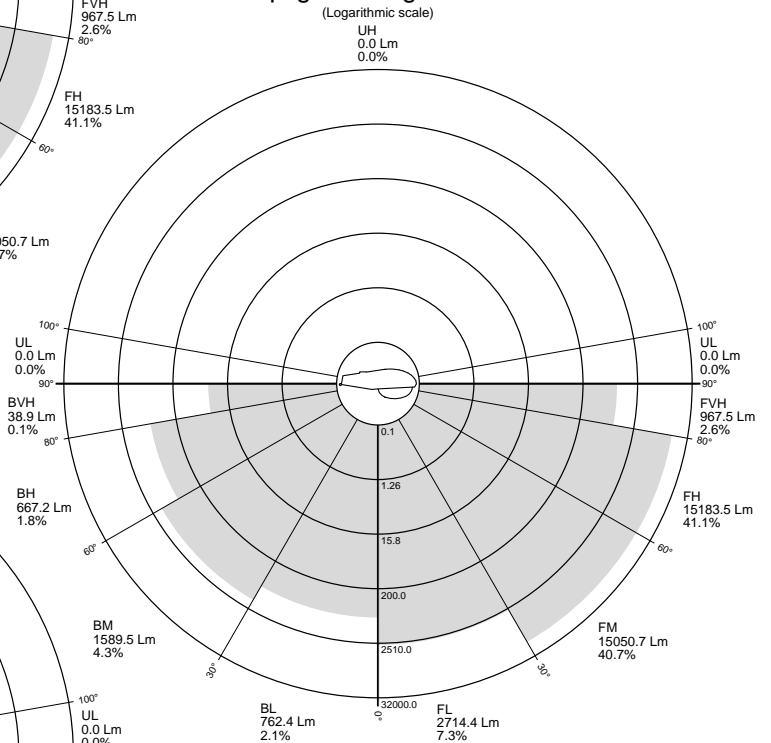
## Backlight Rating Details



## Glare Rating Details



## Uplight Rating Details



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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	67.5	75.0	85.0
	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	29.	29.	34.	40.	51.	84.	85.	250.	339.	438.	234.
	85.0	36.	39.	58.	112.	192.	676.	1323.	2068.	2367.	2574.	735.
	82.5	55.	64.	128.	493.	1169.	2680.	5016.	6790.	7387.	7980.	2332.
V	80.0	172.	256.	900.	2290.	3926.	6507.	9313.	12982.	13719.	14884.	6510.
E	77.5	1365.	1345.	2441.	4823.	7066.	9799.	13217.	17234.	18339.	19714.	12229.
R	75.0	3167.	2564.	4080.	6585.	9487.	12722.	17057.	20548.	21894.	23209.	18017.
T	72.5	3955.	3421.	5249.	8064.	11787.	15485.	20307.	24721.	25699.	26452.	21303.
I	70.0	4922.	4530.	6524.	9720.	13708.	18097.	22358.	28065.	28520.	27491.	20842.
C	68.0<<	5494.	5302.	7587.	11168.	15389.	19569.	23393.	28952.	29364.	27235.	20613.
A	67.5	5661.	5465.	7881.	11610.	15697.	19835.	23487.	28675.	28995.	26938.	20575.
L	65.0	7110.	6426.	9555.	13586.	17007.	20583.	23810.	26493.	26458.	25880.	21610.
	62.5	9123.	7464.	11127.	14762.	17685.	20618.	23338.	24581.	24611.	23597.	19965.
A	60.0	10887.	8790.	12036.	14985.	17575.	20364.	22305.	23095.	22989.	21778.	17150.
N	57.5	11561.	9883.	12099.	14541.	17402.	19761.	20923.	20555.	20809.	20172.	15160.
G	55.0	11488.	10305.	11467.	13959.	16964.	18725.	19489.	18669.	18410.	18639.	14461.
L	52.5	11122.	10058.	11331.	13602.	16295.	17668.	18069.	17786.	17532.	17239.	13755.
E	50.0	10691.	9689.	11289.	13314.	15323.	16608.	17218.	17145.	17141.	16016.	12635.
	47.5	10163.	9294.	10822.	13321.	14579.	15722.	16343.	16223.	16094.	15334.	11889.
	45.0	9680.	8828.	10266.	12674.	14062.	15055.	15376.	14950.	14749.	13701.	10658.
	42.5	9241.	8366.	9602.	11928.	13428.	14147.	14169.	13475.	13193.	12104.	9500.
	40.0	8474.	7898.	8975.	11229.	12621.	13051.	12926.	12127.	11850.	10930.	8604.
	37.5	7721.	7490.	8503.	10681.	11837.	12004.	11750.	11080.	10811.	9969.	8012.
	35.0	7340.	7204.	8163.	10063.	10936.	11055.	10671.	10130.	9924.	9179.	7440.
	30.0	7511.	7015.	7569.	8210.	9117.	9082.	9082.	8852.	8652.	7925.	6440.
	25.0	7122.	6840.	7017.	7155.	7756.	7883.	7858.	7636.	7458.	6877.	5700.
	20.0	6747.	6720.	6572.	6751.	6804.	7139.	7167.	6677.	6473.	5907.	5018.
	15.0	6318.	6310.	6245.	6200.	6269.	6073.	5815.	5481.	5328.	5033.	4540.
	10.0	5679.	5617.	5521.	5316.	5165.	4963.	4786.	4426.	4338.	4073.	3654.
	5.0	4487.	4464.	4440.	4319.	4184.	3980.	3806.	3601.	3584.	3427.	3225.
	0.0	3457.	3457.	3457.	3457.	3457.	3457.	3457.	3457.	3457.	3457.	3457.

||  
 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	170.	51.	48.	48.	45.	43.	42.	42.	41.	40.	39.
85.0	431.	81.	54.	47.	40.	37.	37.	39.	38.	37.	37.
82.5	1471.	176.	77.	52.	35.	32.	34.	36.	36.	35.	35.
V 80.0	3846.	347.	131.	62.	33.	30.	30.	33.	34.	34.	35.
E 77.5	6177.	698.	219.	91.	34.	28.	26.	30.	32.	33.	33.
R 75.0	8655.	1245.	348.	140.	56.	27.	24.	28.	30.	31.	31.
T 72.5	11176.	1725.	497.	175.	88.	30.	22.	26.	29.	29.	30.
I 70.0	11487.	2285.	578.	224.	133.	38.	22.	26.	28.	29.	30.
C 68.0	12229.	3057.	647.	282.	154.	48.	26.	27.	29.	30.	31.
A 67.5	12555.	3377.	660.	306.	158.	51.	27.	27.	30.	30.	31.
L 65.0	13698.	4809.	740.	498.	167.	63.	32.	32.	33.	33.	34.
62.5	12632.	5254.	976.	947.	213.	88.	38.	37.	36.	37.	38.
A 60.0	10954.	5095.	1300.	1145.	292.	95.	46.	48.	41.	41.	42.
N 57.5	10569.	5492.	1617.	1147.	373.	90.	66.	58.	47.	50.	48.
G 55.0	10205.	5907.	1865.	1014.	462.	95.	66.	81.	51.	59.	51.
L 52.5	10135.	6642.	2052.	1033.	602.	152.	75.	70.	55.	62.	53.
E 50.0	9886.	7328.	2612.	1111.	615.	232.	91.	66.	57.	55.	54.
47.5	9624.	7597.	3240.	1301.	658.	259.	130.	82.	63.	56.	58.
45.0	8896.	7137.	3306.	1330.	682.	279.	170.	126.	77.	64.	63.
42.5	8075.	6552.	2983.	1393.	881.	335.	180.	158.	113.	91.	87.
40.0	7374.	5905.	2936.	1580.	1081.	592.	194.	163.	138.	117.	104.
37.5	6789.	5452.	3001.	1486.	1055.	735.	274.	179.	146.	133.	109.
35.0	6261.	5101.	3070.	1535.	1134.	1159.	446.	292.	157.	133.	109.
30.0	5517.	4610.	3024.	1791.	1082.	1511.	1261.	906.	431.	205.	173.
25.0	4963.	4258.	2963.	2012.	1608.	1258.	891.	748.	757.	556.	408.
20.0	4520.	4021.	3037.	2377.	1736.	1102.	697.	652.	655.	427.	361.
15.0	4175.	3828.	3067.	2462.	1821.	1241.	968.	891.	893.	908.	927.
10.0	3424.	3194.	2745.	2295.	1946.	1704.	1602.	1599.	1718.	1747.	1795.
5.0	3130.	3026.	2862.	2704.	2604.	2499.	2484.	2449.	2457.	2467.	2509.
0.0	3457.	3457.	3457.	3457.	3457.	3457.	3457.	3457.	3457.	3457.	3457.

CONE OF MAXIMUM CANDELA



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### 5-DEGREE ZONAL LUMEN SUMMARY

0- 5	80
5- 10	239
10- 15	429
15- 20	652
20- 25	890
25- 30	1186
30- 35	1519
35- 40	1934
40- 45	2469
45- 50	3060
50- 55	3550
55- 60	4107
60- 65	4601
65- 70	4632
70- 75	3995
75- 80	2623
80- 85	918
85- 90	89
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	319
0- 20	1401
0- 30	3477
0- 40	6930
0- 50	12459
0- 60	20117
0- 70	29350
0- 80	35968
0- 90	36974
0-100	36974
0-110	36974
0-120	36974
0-130	36974
0-140	36974
0-150	36974
0-160	36974
0-170	36974
0-180	36974