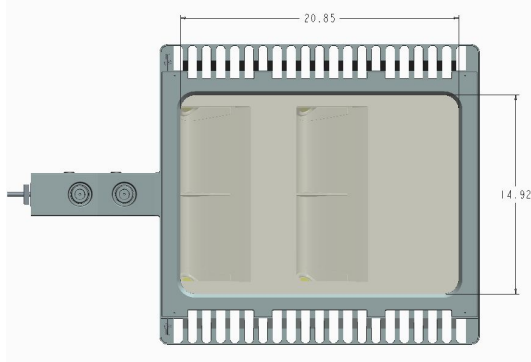


## ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 35 foot mounting height.



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 PREPARED FOR: RAB LIGHTING INC.  
 CATALOG NUMBER: ALED2T360/480/D10 -

ALED2T360SF/480/D10 -  
 WPLED2T360/480/D10 -  
 WPLED2T360FX/480/D10 (TYPE II)  
 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)

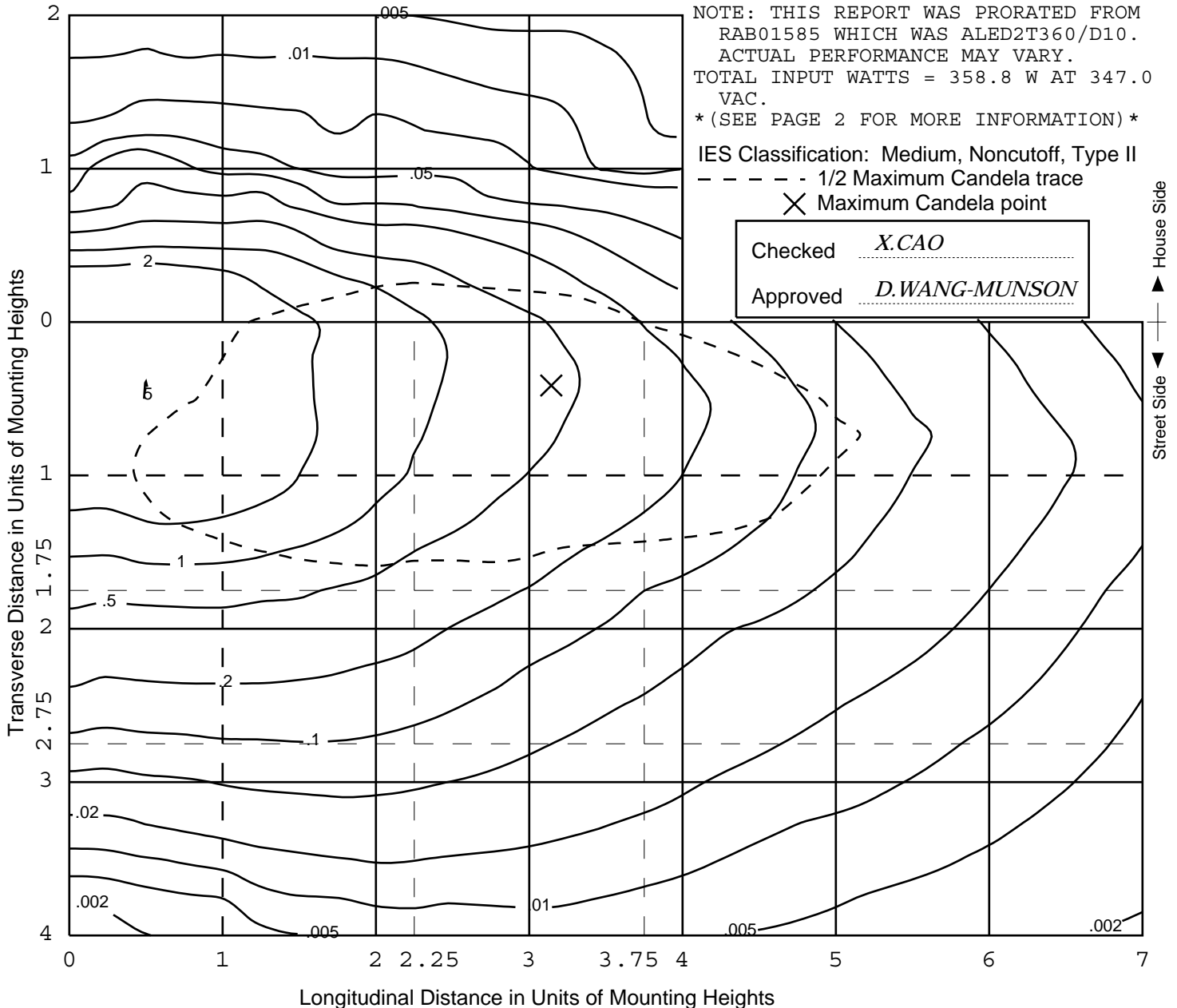
NOTE: THIS REPORT WAS PRORATED FROM  
 RAB01585 WHICH WAS ALED2T360/D10.  
 ACTUAL PERFORMANCE MAY VARY.  
 TOTAL INPUT WATTS = 358.8 W AT 347.0  
 VAC.

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

IES Classification: Medium, Noncutoff, Type II

--- 1/2 Maximum Candela trace

× Maximum Candela point



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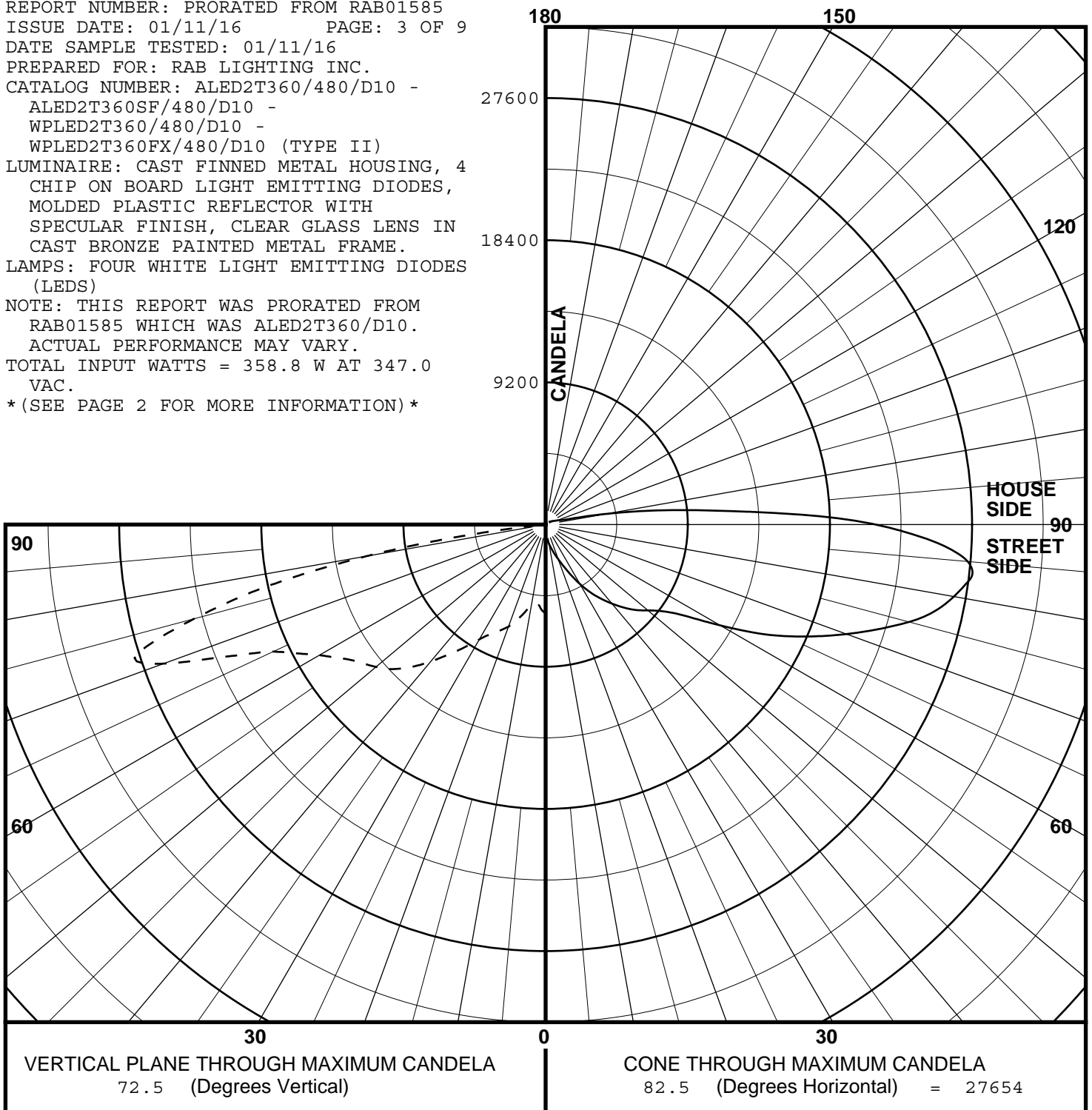
ADDITIONAL INFORMATION

LED DRIVER: 2 x 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

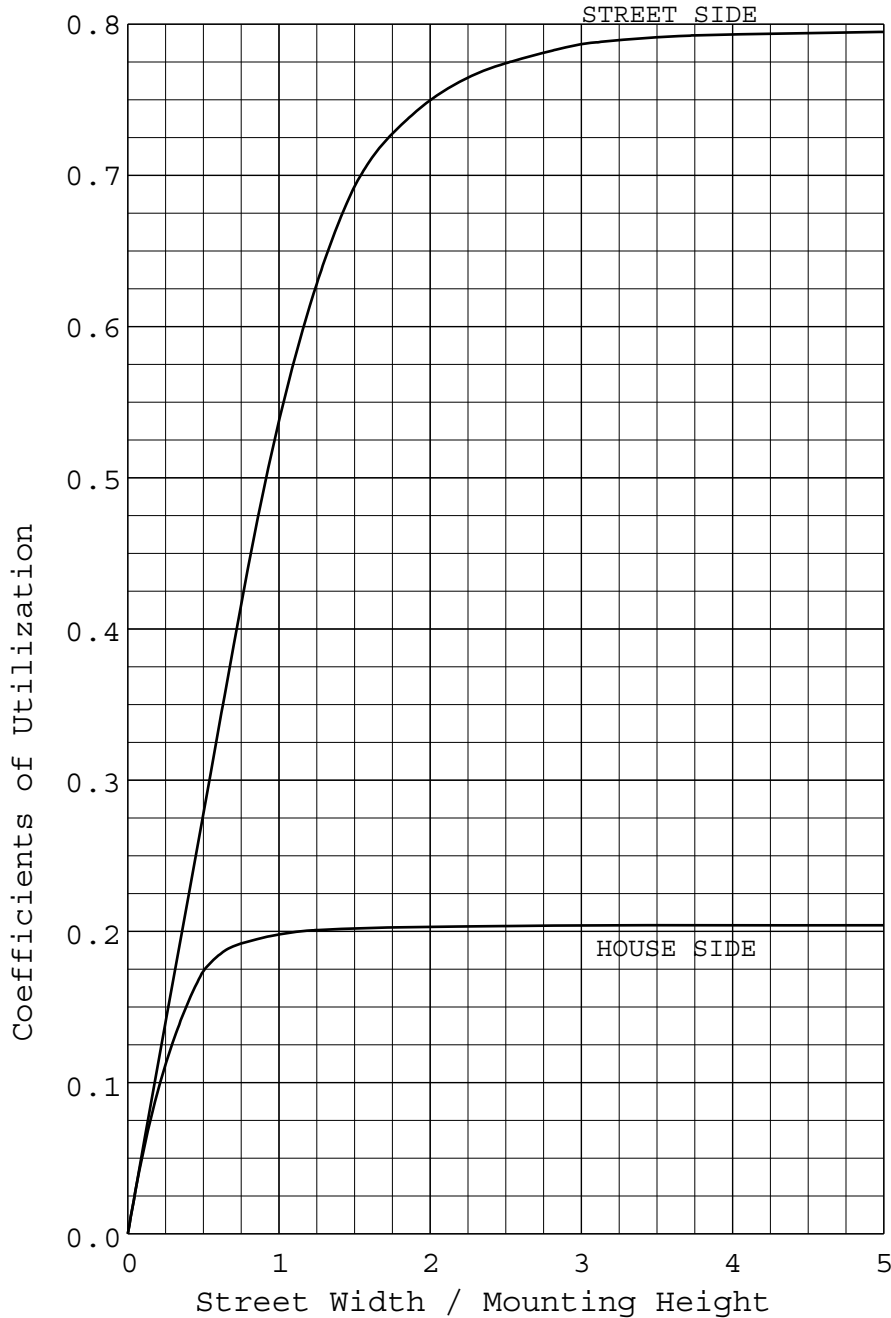
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 CATALOG NUMBER: ALED2T360/480/D10 -  
 ALED2T360SF/480/D10 -  
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 WPLED2T360FX/480/D10 (TYPE II)  
 LUMINAIRE: CAST FINNED METAL HOUSING, 4  
 CHIP ON BOARD LIGHT EMITTING DIODES,  
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 SPECULAR FINISH, CLEAR GLASS LENS IN  
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 NOTE: THIS REPORT WAS PRORATED FROM  
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 ACTUAL PERFORMANCE MAY VARY.  
 TOTAL INPUT WATTS = 358.8 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	29344.	79.5
DOWNWARD HOUSE SIDE	7558.	20.5
DOWNWARD TOTAL	36902.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	36902.	100.0
TOTAL INPUT WATTS = 358.8		
EFFICACY = 102.8 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.

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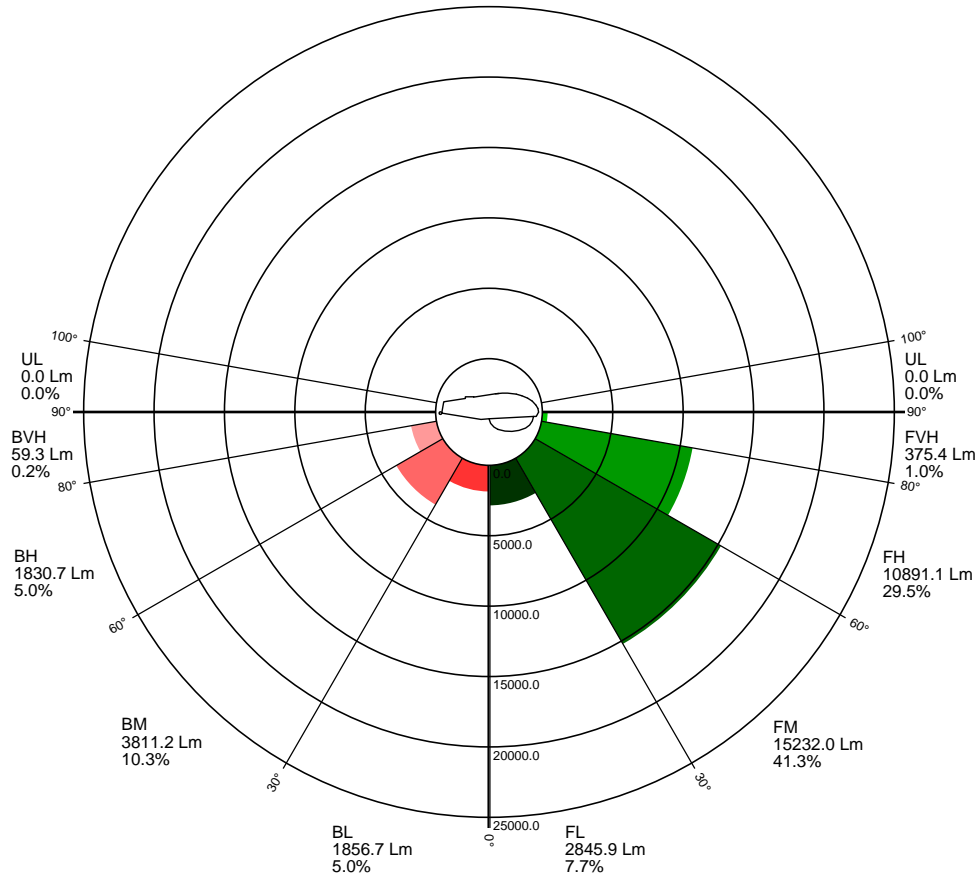
PAGE: 5 OF 9  
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BUG Rating:				B3 U0 G4		
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		29344	79.5			
FL	(0° - 30°)	2845.9	7.7			
FM	(30° - 60°)	15232.0	41.3			
FH	(60° - 80°)	10891.1	29.5			G4
FVH	(80° - 90°)	375.4	1.0			G3
Backward		7558	20.5			
BL	(0° - 30°)	1856.7	5.0	B3		
BM	(30° - 60°)	3811.2	10.3	B3		
BH	(60° - 80°)	1830.7	5.0	B3		G3
BVH	(80° - 90°)	59.3	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		36902	100.0			

### Zonal Lumen Summary

(Linear scale)

UH  
0.0 Lm  
0.0%

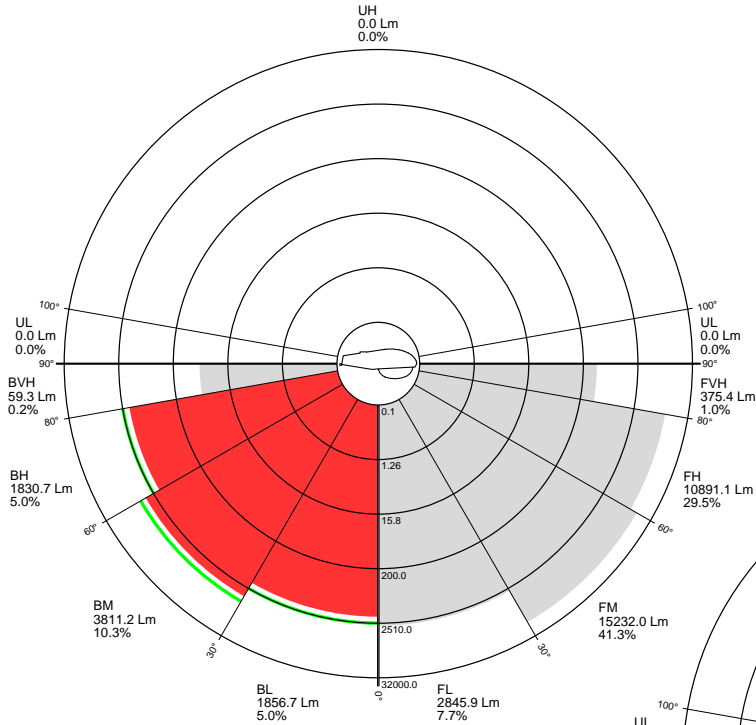


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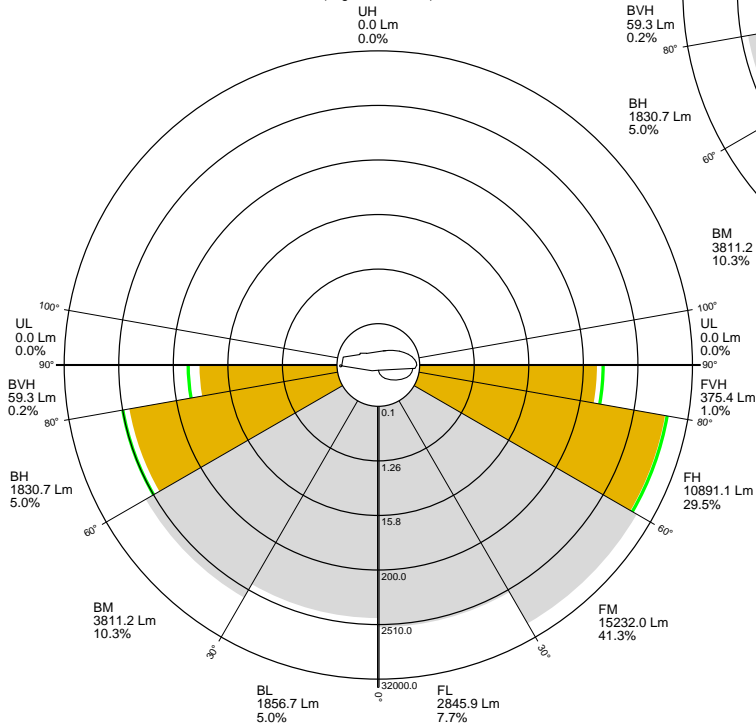
## Backlight Rating Details

(Logarithmic scale)



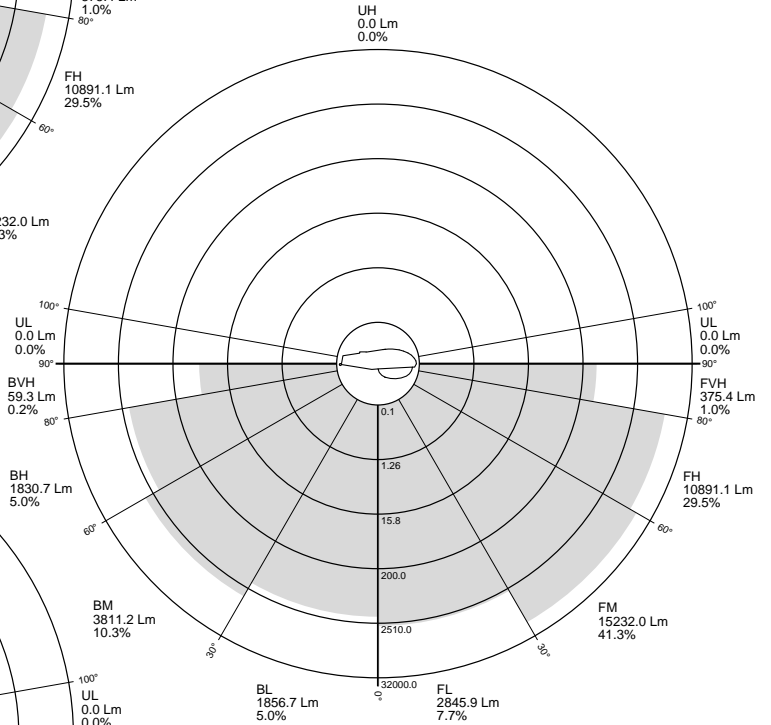
## Glare Rating Details

(Logarithmic scale)



## Uplight Rating Details

(Logarithmic scale)



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### CANDELA TABULATION

	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.
	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	36.	33.	34.	39.	44.	38.	40.	37.	90.	155.	136.
	85.0	51.	40.	42.	46.	60.	59.	62.	356.	397.	601.	445.
V	82.5	56.	47.	51.	55.	79.	139.	823.	1834.	2513.	4492.	3184.
E	80.0	66.	55.	57.	68.	312.	1171.	2448.	4820.	8825.	11778.	9125.
R	77.5	82.	66.	77.	413.	1404.	3124.	5180.	7695.	15957.	18470.	15432.
T	75.0	143.	178.	494.	1656.	3543.	5645.	7466.	11795.	21200.	23549.	21019.
I	72.5<<	939.	999.	1765.	3274.	5610.	7744.	9922.	17082.	24348.	27654.	27426.
C	70.0	2429.	2314.	3209.	4803.	6742.	9251.	13185.	20350.	24342.	26318.	26667.
A	67.5	4147.	3684.	4480.	5681.	7634.	11304.	17339.	21820.	21932.	22319.	22261.
L	65.0	4874.	4314.	5029.	6408.	8903.	14296.	20067.	22139.	19895.	19447.	20605.
	62.5	5363.	4843.	5700.	7574.	11165.	17286.	21357.	21643.	18582.	18061.	19079.
A	60.0	6196.	5666.	6890.	9394.	14018.	19039.	21594.	20534.	17587.	16897.	17185.
N	57.5	6990.	6502.	8355.	11693.	16018.	19950.	21192.	19176.	16813.	16046.	16052.
G	55.0	8184.	7633.	9341.	13483.	17042.	20010.	20164.	17753.	15959.	15301.	15155.
L	52.5	9149.	8649.	10037.	14452.	17310.	19541.	18625.	16423.	15237.	14796.	14714.
E	50.0	9821.	9489.	10328.	14728.	16969.	18242.	17121.	15239.	14680.	14325.	14244.
	47.5	10678.	10325.	10514.	14779.	16398.	16707.	15764.	14328.	14242.	13825.	13619.
	45.0	11113.	10859.	11274.	14229.	15250.	15022.	14490.	13732.	13819.	13171.	12928.
	42.5	10967.	10721.	11639.	14155.	14029.	13687.	13484.	13314.	13164.	12405.	12166.
	40.0	10618.	10349.	11085.	12997.	13196.	12900.	12883.	12872.	12393.	11576.	11361.
	37.5	9925.	9765.	10011.	11463.	12200.	12132.	12243.	12169.	11515.	10720.	10545.
	35.0	9033.	8919.	8981.	10039.	11007.	11251.	11423.	11233.	10580.	9967.	9783.
	30.0	7299.	7283.	7421.	7863.	9128.	9332.	9581.	9345.	8884.	8581.	8531.
	25.0	6478.	6403.	6433.	6428.	7275.	7663.	7996.	7847.	7657.	7682.	7737.
	20.0	6325.	6208.	5910.	5886.	6022.	6518.	6629.	6810.	6963.	7024.	7039.
	15.0	6461.	6336.	5884.	5820.	5826.	5718.	5853.	5912.	6063.	6132.	6136.
	10.0	6469.	6396.	6007.	5751.	5695.	5643.	5586.	5541.	5482.	5379.	5370.
	5.0	6170.	6161.	6022.	5872.	5682.	5521.	5404.	5318.	5300.	5231.	5202.
	0.0	5760.	5760.	5760.	5760.	5760.	5760.	5760.	5760.	5760.	5760.	5760.

||  
 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	84.	41.	39.	31.	28.	31.	36.	37.	34.	31.	31.
85.0	280.	88.	114.	34.	29.	30.	36.	38.	35.	33.	33.
V 82.5	1718.	490.	159.	49.	32.	31.	37.	40.	37.	35.	35.
E 80.0	6113.	2367.	198.	63.	44.	33.	38.	41.	40.	38.	38.
R 77.5	9877.	4571.	341.	250.	97.	44.	40.	43.	42.	41.	41.
T 75.0	13715.	6840.	485.	572.	186.	80.	48.	47.	46.	44.	45.
I 72.5	21389.	10493.	1122.	548.	267.	122.	61.	58.	55.	48.	49.
C 70.0	22704.	12882.	2232.	608.	361.	174.	88.	71.	67.	54.	56.
A 67.5	19815.	14968.	2903.	680.	421.	226.	116.	90.	81.	61.	61.
L 65.0	20943.	16353.	3011.	664.	302.	254.	145.	106.	99.	71.	76.
62.5	20339.	15355.	3872.	631.	348.	278.	181.	115.	109.	82.	93.
A 60.0	17300.	14738.	5742.	1346.	522.	241.	192.	126.	120.	93.	96.
N 57.5	16133.	14312.	7024.	2756.	726.	331.	179.	140.	127.	98.	100.
G 55.0	15336.	14160.	7702.	3737.	872.	470.	343.	138.	126.	98.	103.
L 52.5	14413.	13255.	7885.	3781.	1255.	565.	544.	283.	121.	92.	106.
E 50.0	14169.	13142.	8492.	3640.	1638.	538.	583.	501.	179.	99.	110.
47.5	13731.	13250.	9130.	3892.	1866.	864.	396.	798.	516.	263.	200.
45.0	12775.	12414.	9174.	4296.	2079.	1223.	477.	497.	485.	391.	223.
42.5	11907.	11416.	8857.	4753.	2299.	1337.	771.	642.	310.	323.	162.
40.0	11084.	10735.	8685.	5143.	2598.	1572.	941.	792.	338.	245.	129.
37.5	10359.	10134.	8552.	5524.	2952.	1810.	1185.	697.	381.	224.	228.
35.0	9708.	9541.	8445.	5858.	3396.	2074.	1489.	854.	431.	457.	481.
30.0	8588.	8558.	7888.	6223.	4328.	2856.	1956.	1166.	699.	989.	1054.
25.0	7763.	7750.	7405.	6510.	5114.	3759.	2597.	1587.	980.	1171.	1238.
20.0	7146.	7111.	6837.	6326.	5479.	4483.	3359.	2329.	1805.	1798.	1831.
15.0	6161.	6116.	5976.	5642.	5324.	4708.	4027.	3474.	3419.	3571.	3713.
10.0	5336.	5280.	5118.	4994.	4883.	4777.	4684.	4739.	5032.	5322.	5413.
5.0	5189.	5169.	5066.	5095.	5074.	5140.	5269.	5418.	5572.	5671.	5683.
0.0	5760.	5760.	5760.	5760.	5760.	5760.	5760.	5760.	5760.	5760.	5760.

CONE OF MAXIMUM CANDELA

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### 5-DEGREE ZONAL LUMEN SUMMARY

0- 5	134
5- 10	386
10- 15	633
15- 20	884
20- 25	1162
25- 30	1505
30- 35	1943
35- 40	2477
40- 45	3026
45- 50	3530
50- 55	3932
55- 60	4135
60- 65	4038
65- 70	3836
70- 75	3169
75- 80	1679
80- 85	407
85- 90	28
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	519
0- 20	2036
0- 30	4703
0- 40	9123
0- 50	15678
0- 60	23746
0- 70	31619
0- 80	36468
0- 90	36902
0-100	36902
0-110	36902
0-120	36902
0-130	36902
0-140	36902
0-150	36902
0-160	36902
0-170	36902
0-180	36902