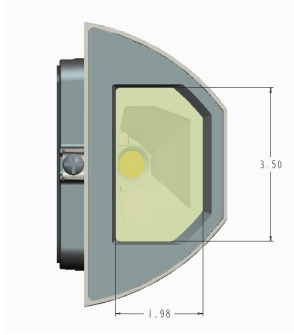


## ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 10 foot mounting height.



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 ISSUE DATE: 08/17/16 PAGE: 1 OF 9  
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 CATALOG NUMBER: SLIM18

LUMINAIRE: CAST BROWN PAINTED FINNED METAL HOUSING, 1 CIRCUIT BOARD WITH 1 LED, MOLDED PLASTIC REFLECTOR WITH SPECULAR FINISH, CLEAR FLAT GLASS LENS IN CAST BROWN PAINTED METAL LENS FRAME.

LAMP: ONE WHITE MULTI-CHIP LIGHT EMITTING DIODE (LED), AIMED 20-DEGREES FROM VERTICAL BASE-UP POSITION.

NOTE: THIS REPORT WAS PRORATED FROM RAB02336 WHICH WAS SLIM18Y. ACTUAL PERFORMANCE MAY VARY.

TOTAL INPUT WATTS = 21.1 W AT 277.0 VAC.

LED DRIVER: RD12-36-A0500

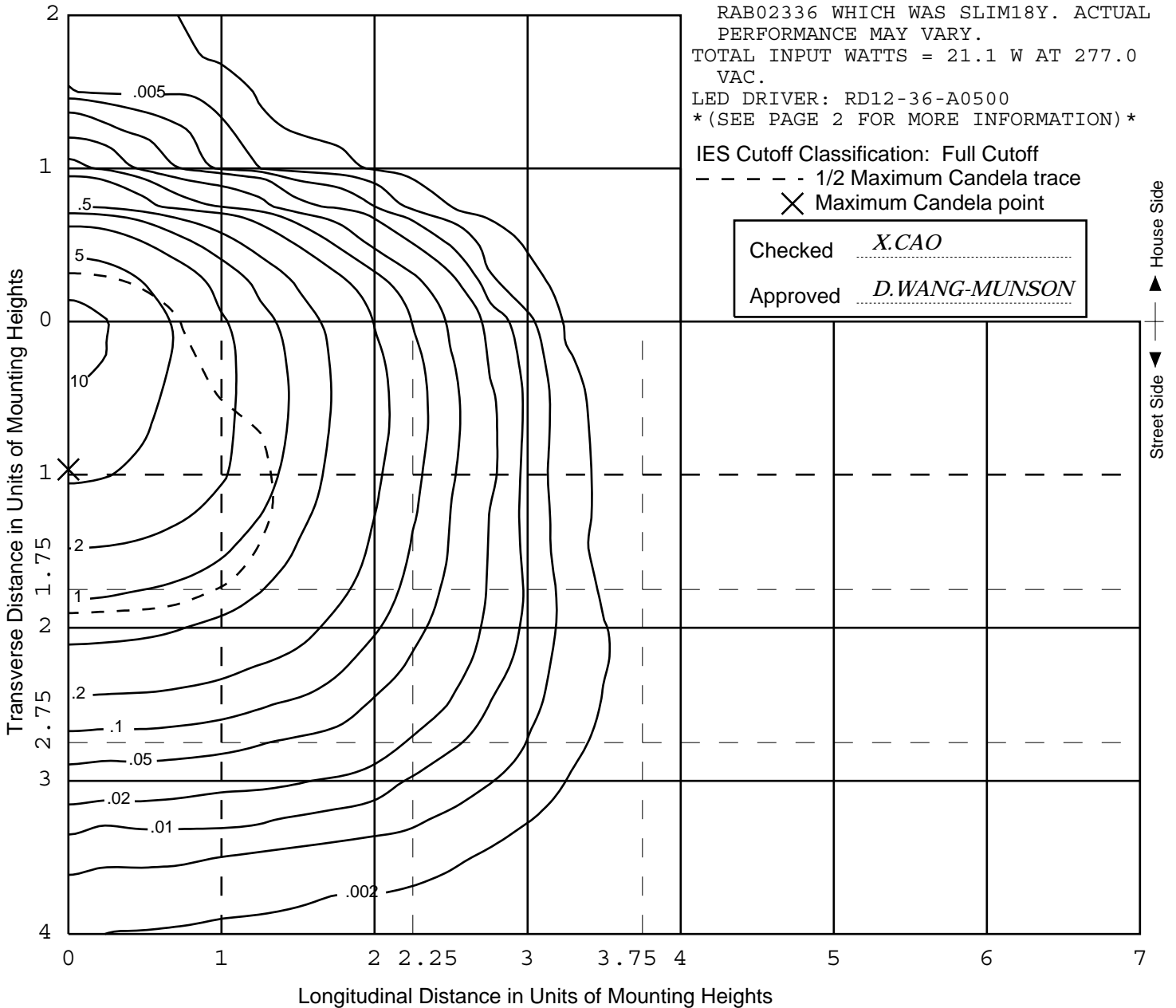
\*(SEE PAGE 2 FOR MORE INFORMATION)\*

IES Cutoff Classification: Full Cutoff

----- 1/2 Maximum Candela trace

X Maximum Candela point

Checked	<i>X.CAO</i>
Approved	<i>D.WANG-MUNSON</i>



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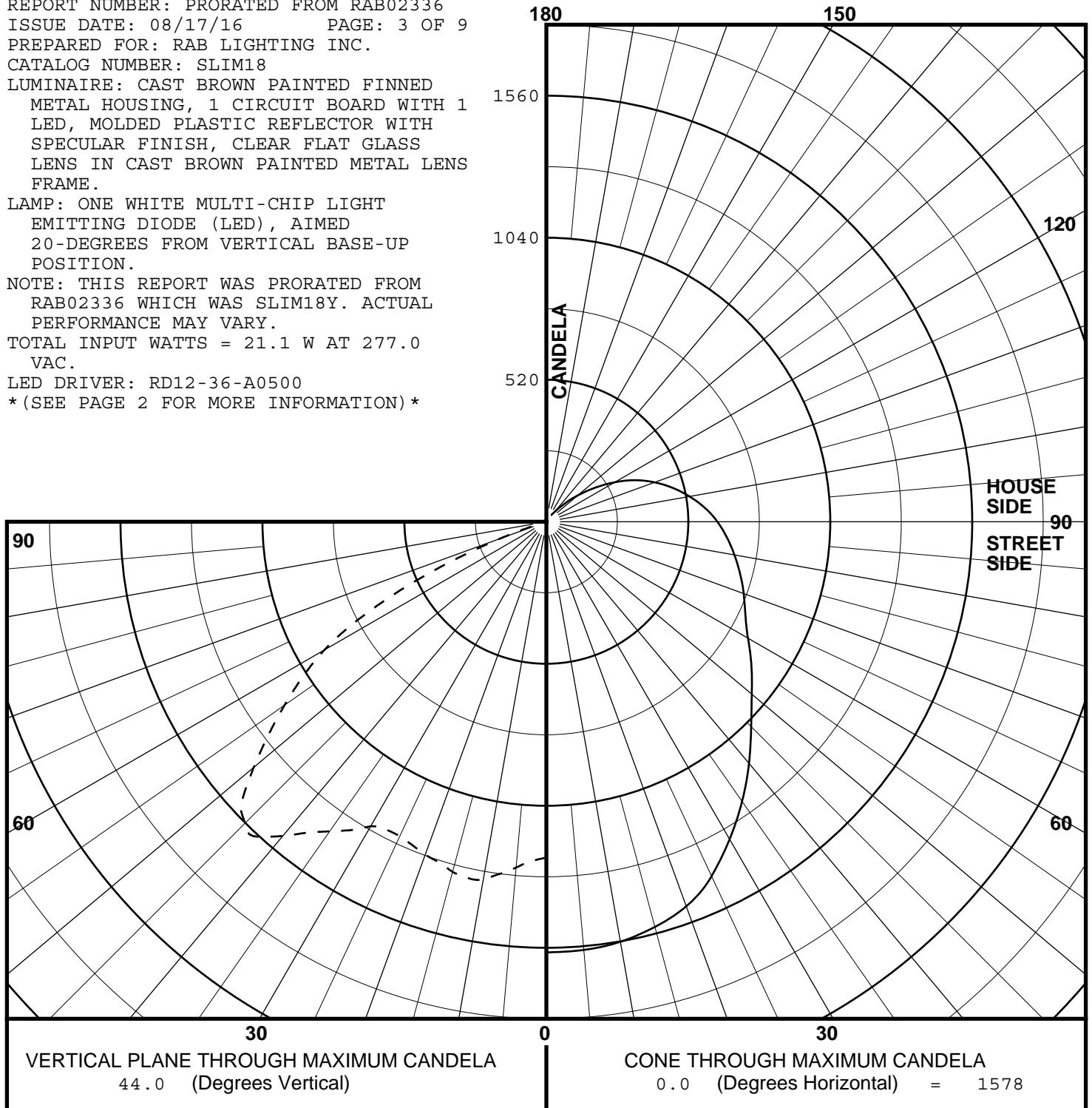
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ADDITIONAL INFORMATION

TEST PROCEDURE: IESNA LM-79-08  
TEST DISTANCE = 28.25 FEET

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

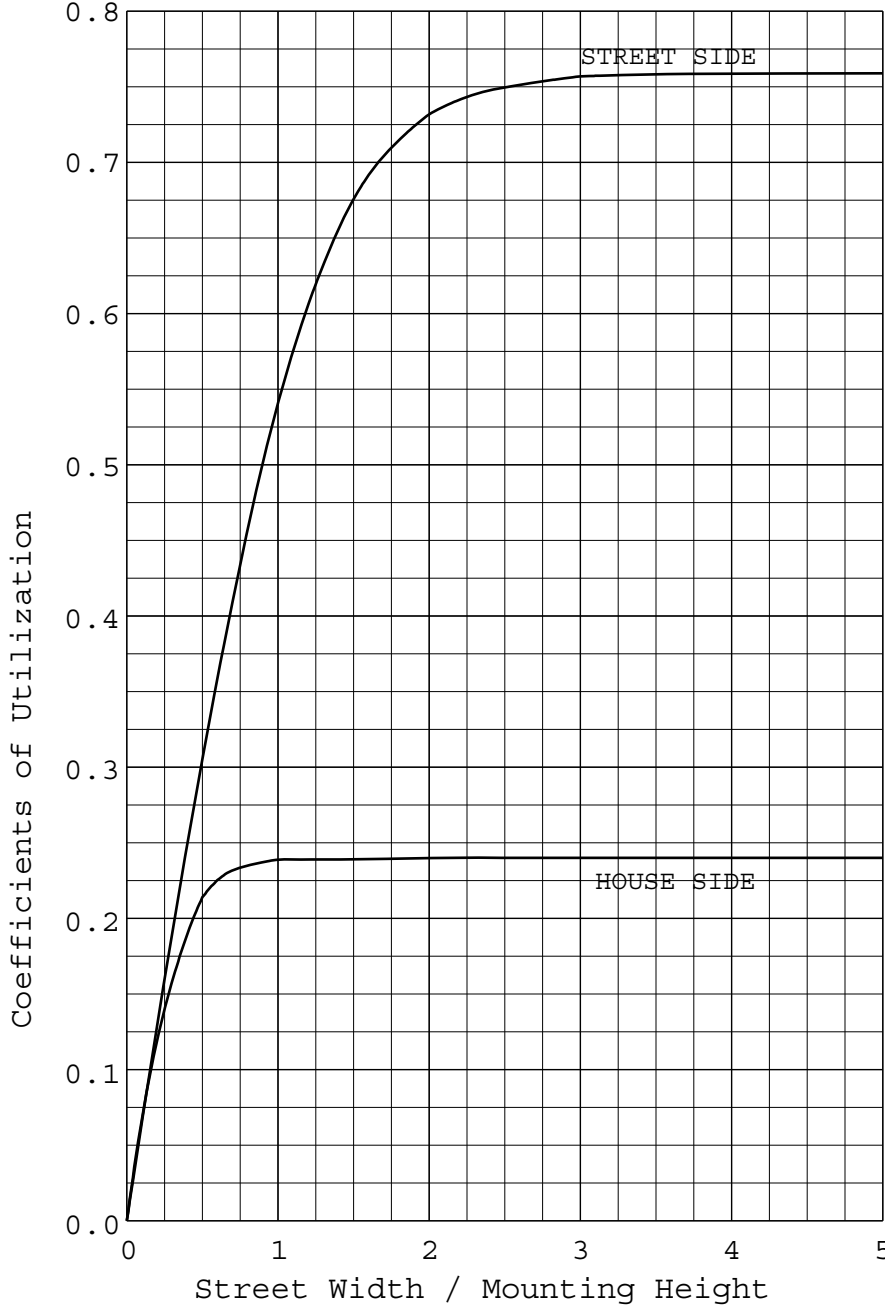
REPORT NUMBER: PRORATED FROM RAB02336  
 ISSUE DATE: 08/17/16 PAGE: 3 OF 9  
 PREPARED FOR: RAB LIGHTING INC.  
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 TOTAL INPUT WATTS = 21.1 W AT 277.0 VAC.  
 LED DRIVER: RD12-36-A0500  
 \*(SEE PAGE 2 FOR MORE INFORMATION)\*



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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	1944.	75.9
DOWNWARD HOUSE SIDE	616.	24.1
DOWNWARD TOTAL	2560.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	2560.	100.0
TOTAL INPUT WATTS = 21.1		
EFFICACY = 121.3 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.

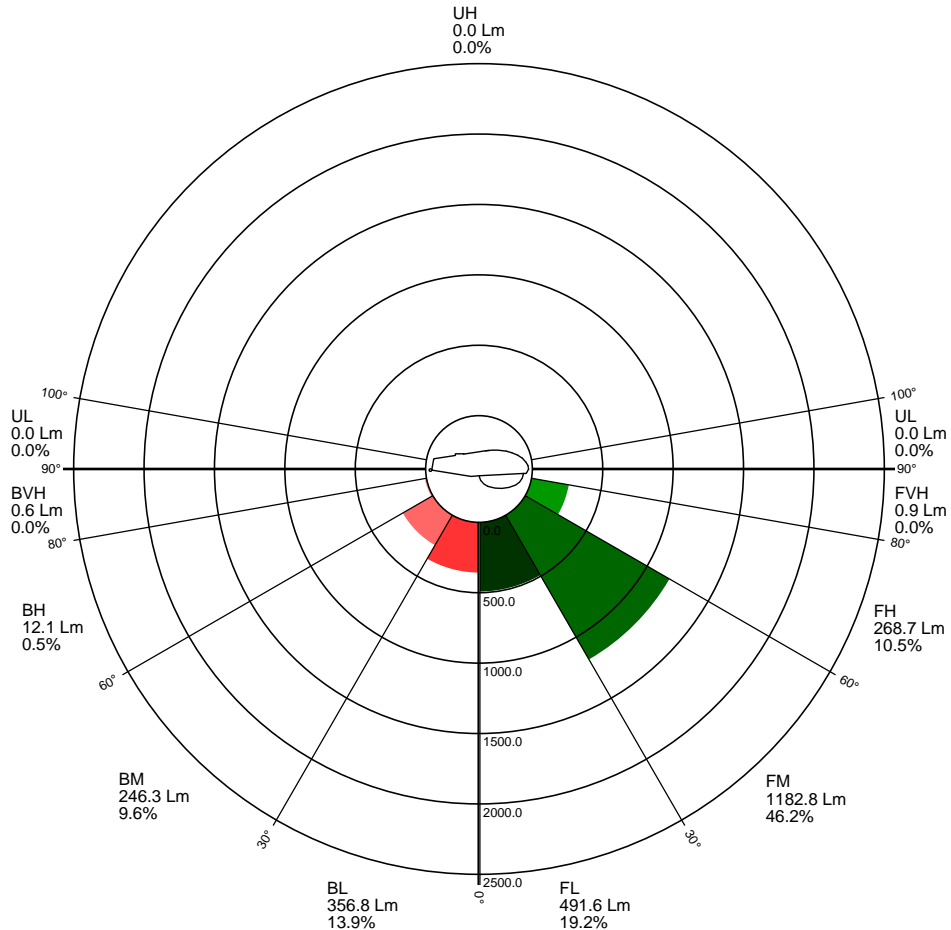
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BUG Rating:			B1	U0	G0
Zonal Summary		Lumens	% of Fixture		
			Zone Ratings		
			B	U	G
Forward		1944	75.9		
FL	(0° - 30°)	491.6	19.2		
FM	(30° - 60°)	1182.8	46.2		
FH	(60° - 80°)	268.7	10.5		
FVH	(80° - 90°)	0.9	0.0		
Backward		616	24.1		
BL	(0° - 30°)	356.8	13.9		
BM	(30° - 60°)	246.3	9.6		
BH	(60° - 80°)	12.1	0.5		
BVH	(80° - 90°)	0.6	0.0		
Upward		0	0.0		
UL	(90° - 100°)	0.0	0.0		
UH	(100° - 180°)	0.0	0.0		
Trapped Light		0	0.0		
Total Flux		2560	100.0		

## Zonal Lumen Summary

(Linear scale)

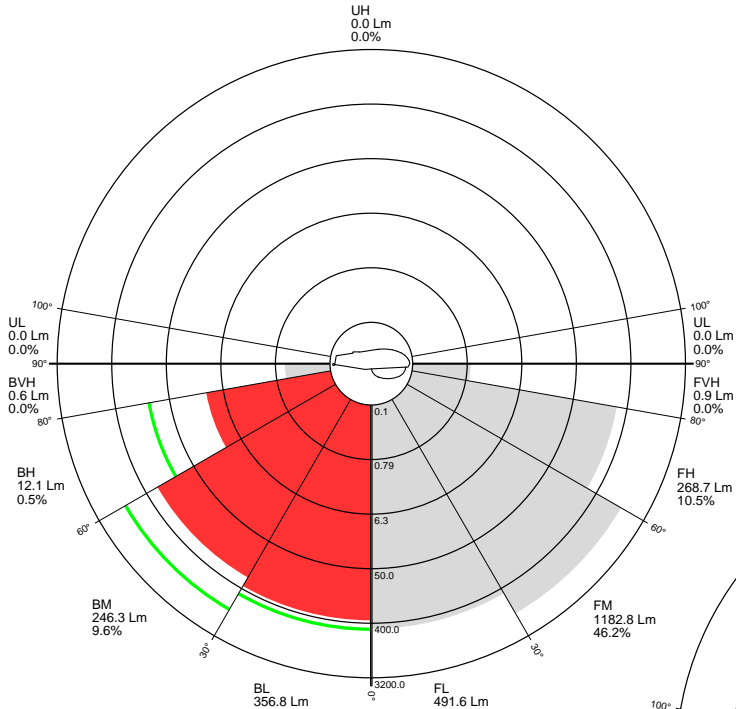


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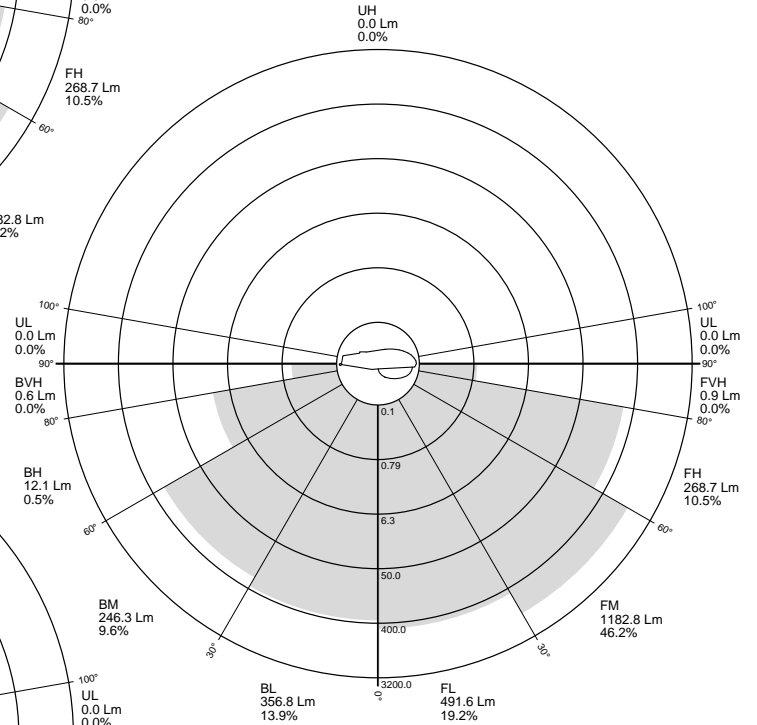
### Backlight Rating Details

(Logarithmic scale)



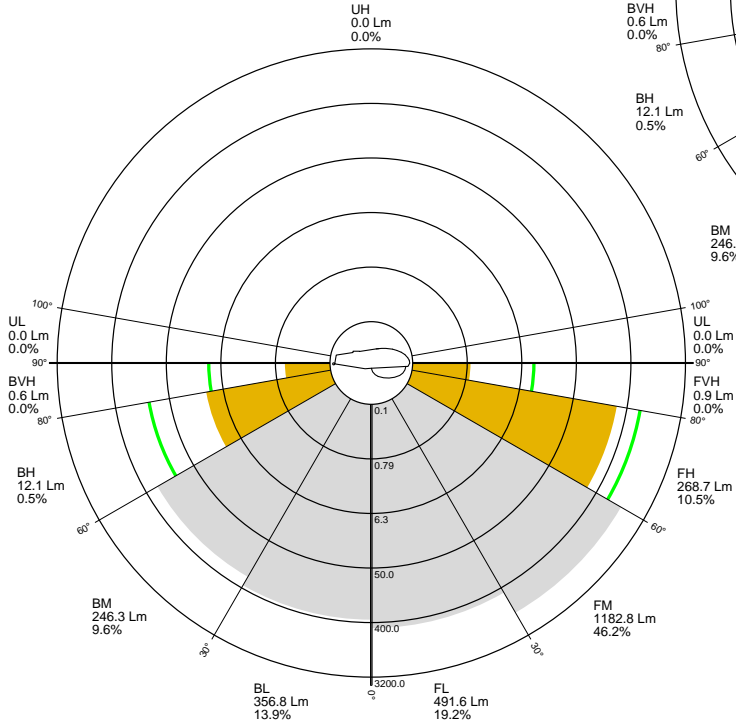
### Uplight Rating Details

(Logarithmic scale)



### Glare Rating Details

(Logarithmic scale)





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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	2.	2.	1.	1.	1.	1.	1.	1.	1.	0.	0.
85.0	2.	2.	2.	1.	1.	1.	1.	1.	0.	0.	0.
82.5	2.	2.	2.	2.	1.	1.	1.	1.	1.	1.	1.
V 80.0	2.	2.	2.	2.	1.	1.	1.	1.	1.	1.	1.
E 77.5	3.	3.	2.	2.	1.	1.	1.	1.	1.	1.	1.
R 75.0	4.	3.	2.	2.	1.	1.	1.	1.	2.	2.	2.
T 72.5	7.	5.	3.	2.	2.	1.	1.	2.	3.	4.	3.
I 70.0	37.	15.	4.	2.	2.	1.	1.	2.	4.	4.	4.
C 67.5	101.	66.	6.	2.	2.	1.	1.	2.	3.	4.	4.
A 65.0	177.	135.	24.	3.	2.	1.	1.	2.	3.	4.	4.
L 62.5	240.	195.	67.	5.	2.	2.	2.	2.	3.	4.	4.
60.0	306.	258.	120.	11.	2.	2.	3.	3.	2.	3.	3.
A 57.5	376.	324.	177.	42.	4.	3.	5.	4.	2.	2.	3.
N 55.0	440.	384.	234.	88.	8.	4.	6.	6.	4.	3.	3.
G 52.5	486.	424.	293.	145.	30.	6.	7.	8.	8.	8.	9.
L 50.0	517.	469.	350.	206.	69.	10.	8.	10.	14.	17.	18.
E 47.5	559.	515.	402.	271.	125.	26.	11.	15.	20.	25.	26.
45.0	607.	563.	458.	335.	189.	68.	21.	23.	29.	35.	35.
44.0<<	627.	584.	480.	361.	218.	92.	31.	28.	33.	39.	40.
42.5	656.	613.	514.	397.	265.	133.	53.	38.	39.	45.	46.
40.0	706.	669.	575.	464.	347.	214.	114.	64.	56.	61.	60.
37.5	759.	727.	639.	537.	426.	306.	197.	122.	94.	87.	85.
35.0	814.	782.	704.	606.	507.	397.	286.	209.	164.	146.	140.
30.0	921.	892.	819.	740.	652.	578.	486.	414.	354.	336.	328.
25.0	999.	979.	916.	848.	777.	721.	661.	620.	572.	555.	547.
20.0	1057.	1042.	995.	947.	888.	847.	801.	776.	746.	733.	728.
15.0	1105.	1091.	1054.	1014.	980.	948.	922.	908.	888.	882.	876.
10.0	1156.	1143.	1114.	1086.	1062.	1047.	1032.	1025.	1011.	1009.	1003.
5.0	1215.	1204.	1184.	1166.	1149.	1145.	1137.	1137.	1133.	1136.	1134.
0.0	1229.	1229.	1229.	1229.	1229.	1229.	1229.	1229.	1229.	1229.	1229.

CONE OF MAXIMUM CANDELA



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5-DEGREE  
ZONAL LUMEN SUMMARY

0- 5	29
5- 10	84
10- 15	133
15- 20	173
20- 25	204
25- 30	225
30- 35	236
35- 40	241
40- 45	248
45- 50	251
50- 55	240
55- 60	213
60- 65	159
65- 70	92
70- 75	26
75- 80	3
80- 85	1
85- 90	0
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	113
0- 20	419
0- 30	848
0- 40	1325
0- 50	1824
0- 60	2278
0- 70	2529
0- 80	2558
0- 90	2560
0-100	2560
0-110	2560
0-120	2560
0-130	2560
0-140	2560
0-150	2560
0-160	2560
0-170	2560
0-180	2560