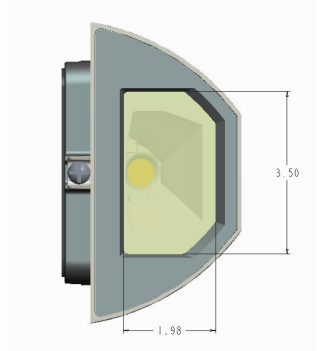


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 10 foot mounting height.



REPORT NUMBER: PRORATED FROM RAB02338
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 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: SLIM12

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 RAB02338 WHICH WAS SLIM12Y. ACTUAL PERFORMANCE MAY VARY.

TOTAL INPUT WATTS = 15.8 W AT 277.0 VAC.

LED DRIVER: RD12-36-A0350

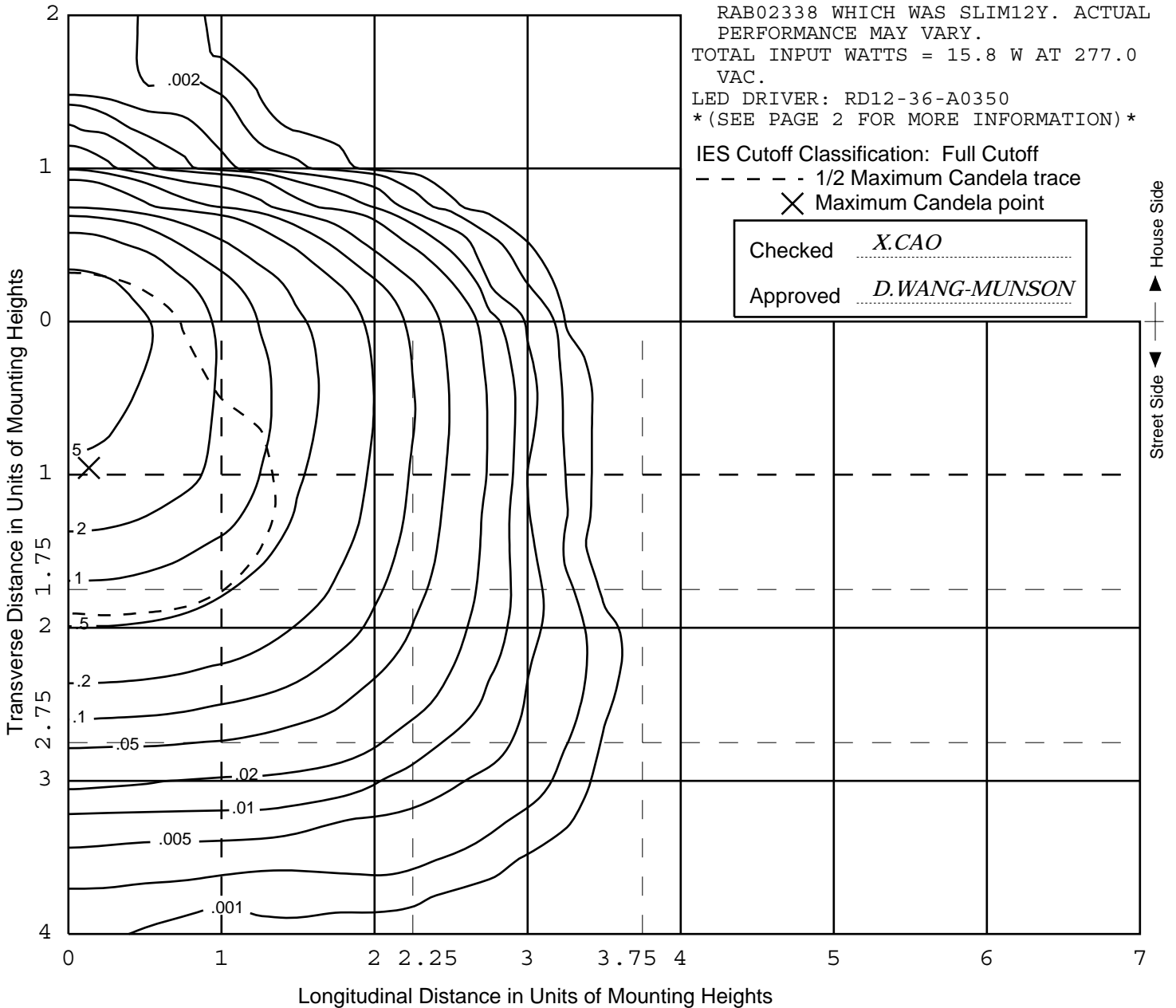
(SEE PAGE 2 FOR MORE INFORMATION)

IES Cutoff Classification: Full Cutoff

--- 1/2 Maximum Candela trace

× Maximum Candela point

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



House Side ▲
Street Side ▼

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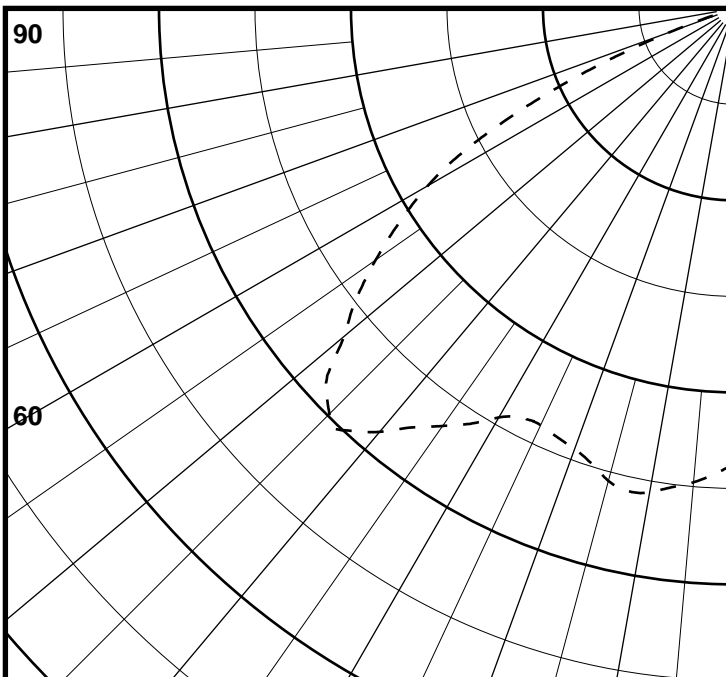
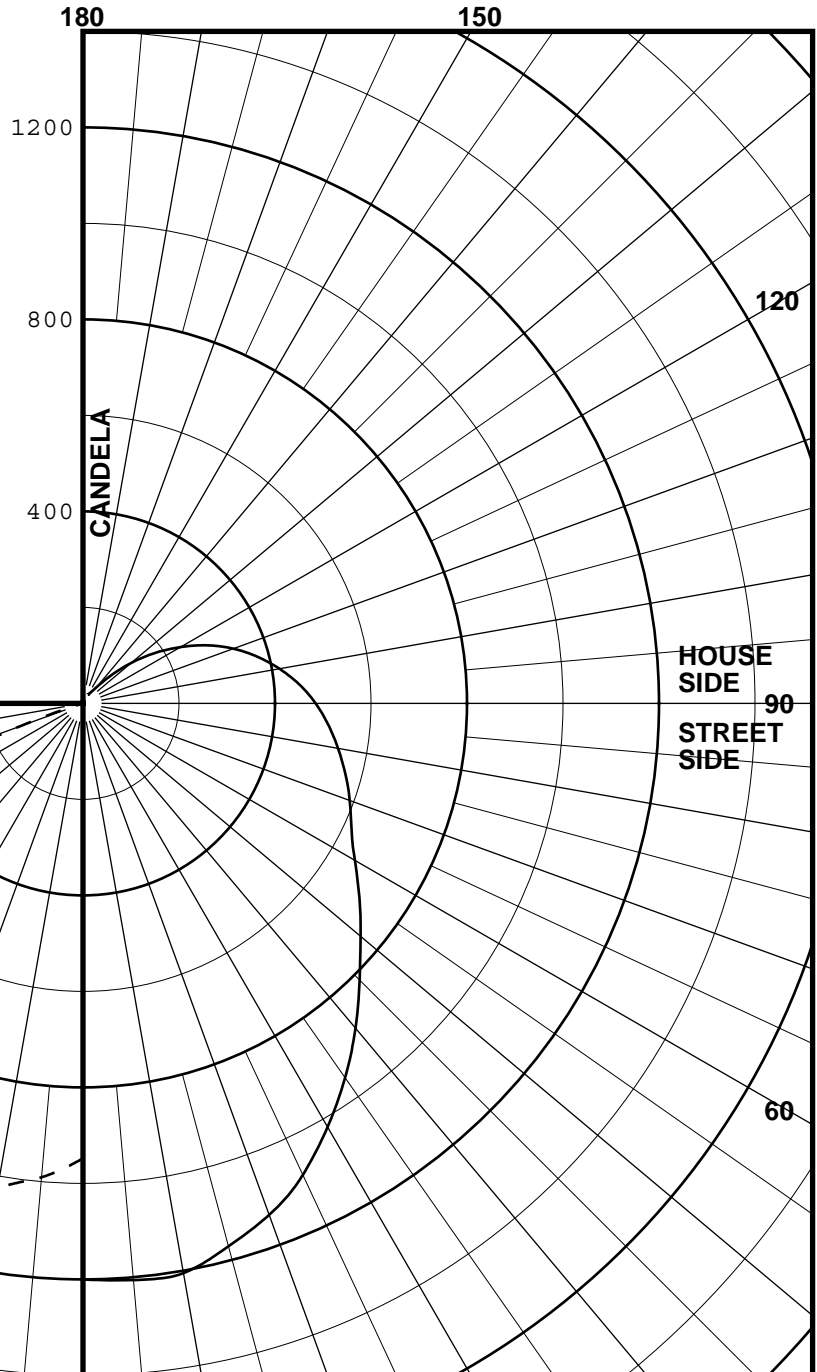
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ADDITIONAL INFORMATION

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

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

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 LED DRIVER: RD12-36-A0350
 (SEE PAGE 2 FOR MORE INFORMATION)

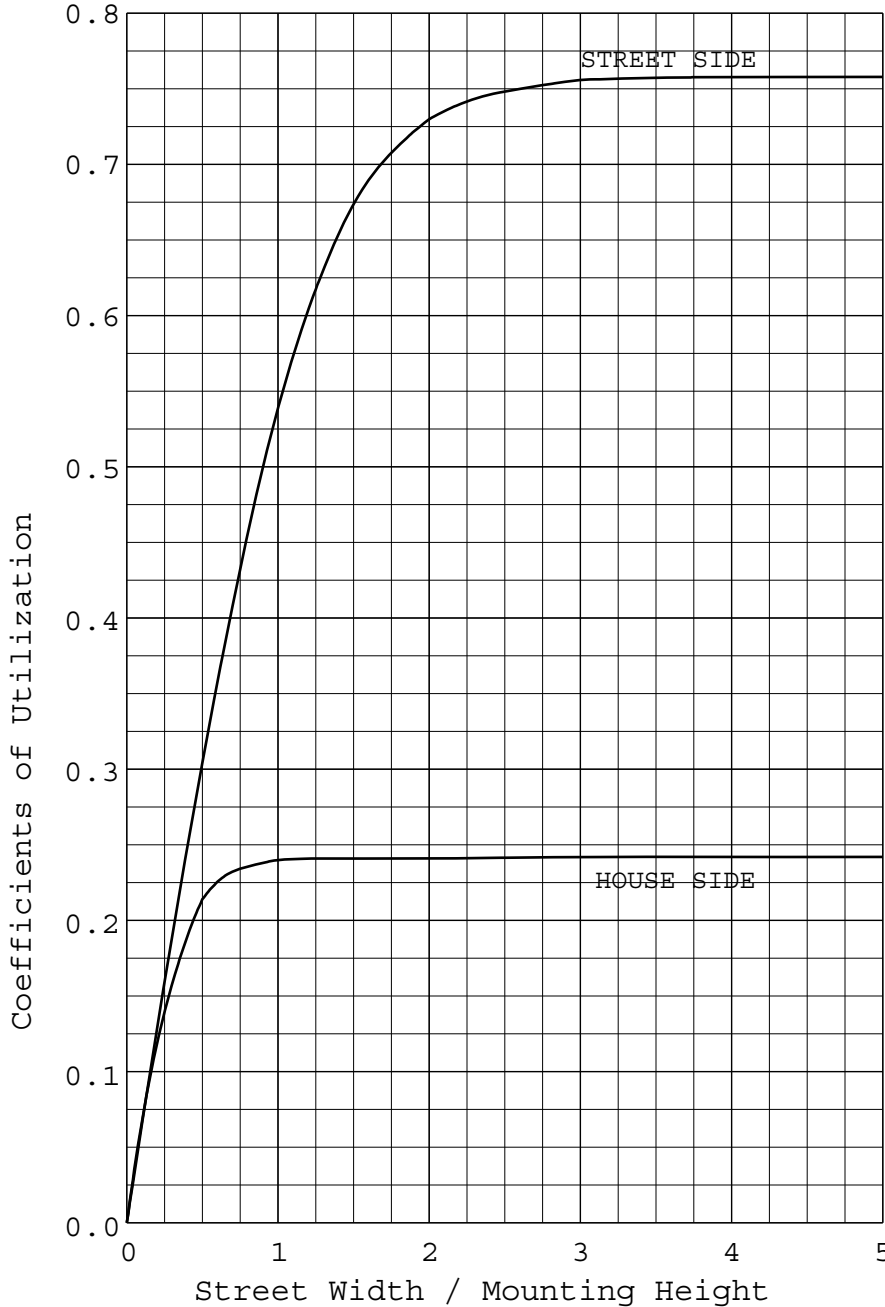


30	0	30
VERTICAL PLANE THROUGH MAXIMUM CANDELA 44.0 (Degrees Vertical)		CONE THROUGH MAXIMUM CANDELA 8.0 (Degrees Horizontal) = 1209

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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	1499.	75.8
DOWNWARD HOUSE SIDE	480.	24.2
DOWNWARD TOTAL	1978.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	1978.	100.0

TOTAL INPUT WATTS = 15.8
 EFFICACY = 125.1 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.

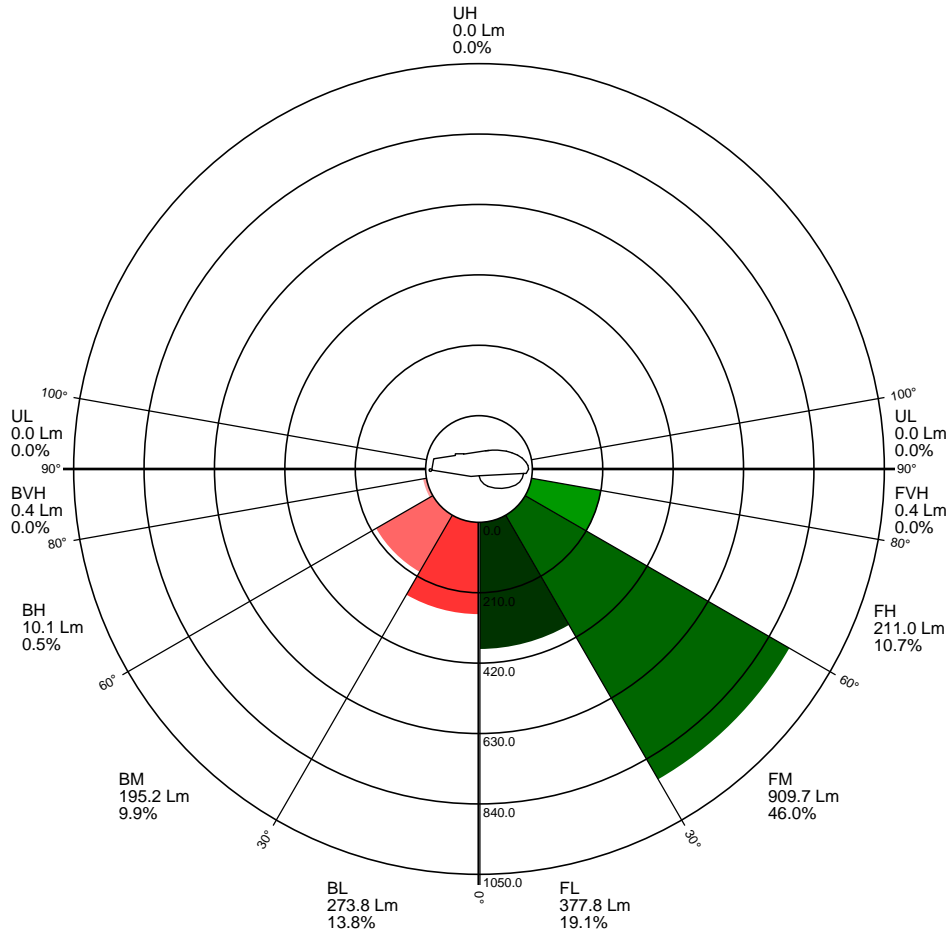
REPORT NUMBER: PRORATED FROM RAB02338
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BUG Rating:			B1	U0	G0
Zonal Summary	Lumens	% of Fixture	Zone Ratings		
			B	U	G
Forward	1499	75.8			
FL (0° - 30°)	377.8	19.1			
FM (30° - 60°)	909.7	46.0			
FH (60° - 80°)	211.0	10.7			G0
FVH (80° - 90°)	0.4	0.0			G0
Backward	480	24.2			
BL (0° - 30°)	273.8	13.8	B1		
BM (30° - 60°)	195.2	9.9	B0		
BH (60° - 80°)	10.1	0.5	B0		G0
BVH (80° - 90°)	0.4	0.0			G0
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	1978	100.0			

Zonal Lumen Summary

(Linear scale)

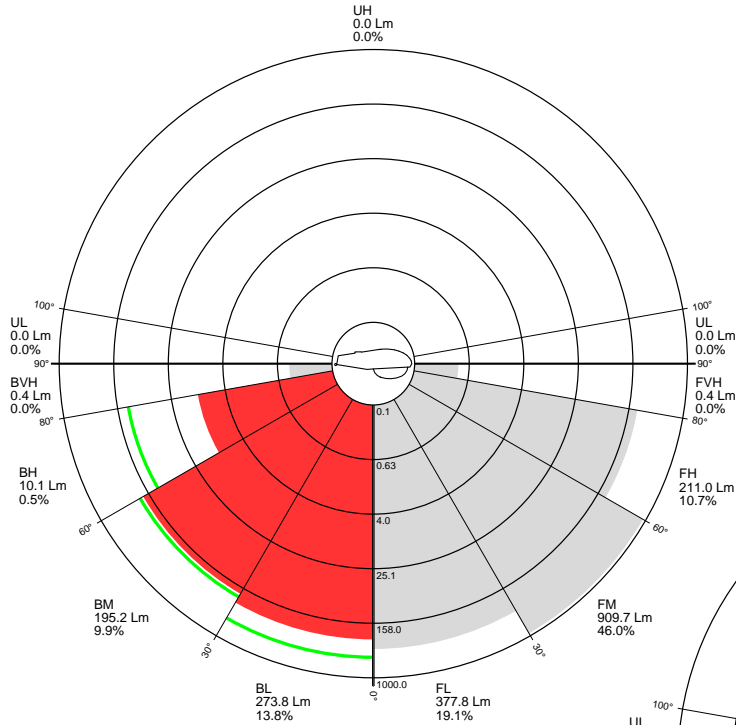


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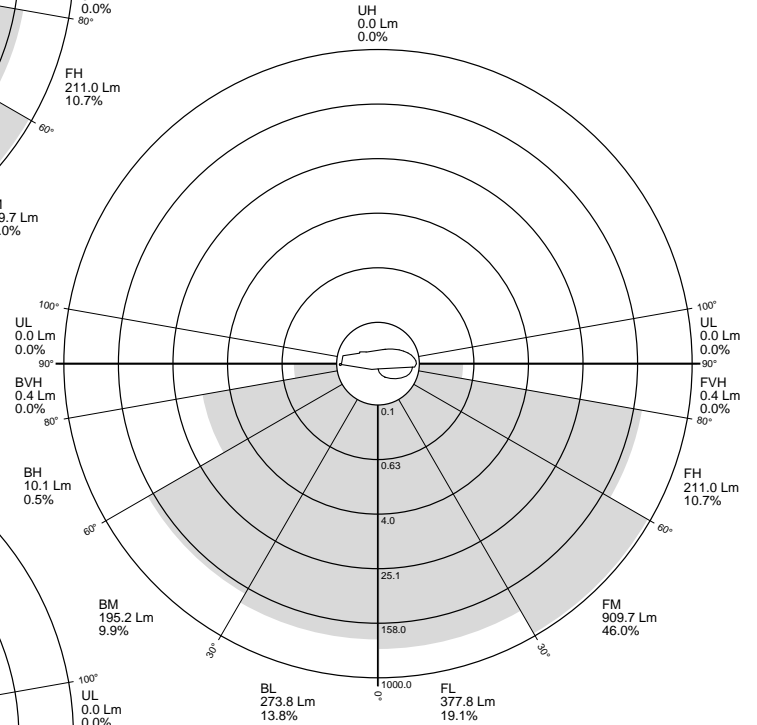
Backlight Rating Details

(Logarithmic scale)



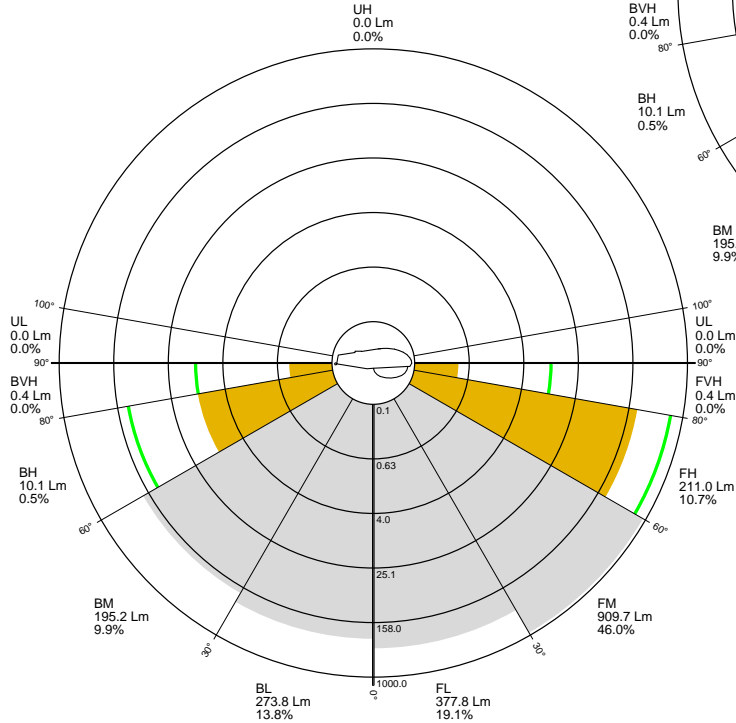
Uplight Rating Details

(Logarithmic scale)



Glare Rating Details

(Logarithmic scale)



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CANDELA TABULATION

	LATERAL ANGLE											
	STREET SIDE	0.0	5.0	8.0	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.	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	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.
	85.0	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.
	82.5	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
V	80.0	2.	2.	2.	1.	1.	2.	1.	1.	1.	1.	1.
E	77.5	6.	5.	4.	3.	4.	9.	12.	4.	1.	1.	1.
R	75.0	9.	9.	8.	8.	17.	39.	51.	26.	3.	1.	2.
T	72.5	36.	35.	36.	47.	86.	141.	133.	77.	28.	11.	6.
I	70.0	138.	140.	144.	173.	231.	281.	261.	171.	100.	64.	40.
C	67.5	297.	299.	304.	333.	393.	417.	374.	277.	190.	145.	104.
A	65.0	446.	458.	469.	494.	542.	542.	464.	365.	269.	222.	173.
L	62.5	600.	608.	622.	646.	670.	660.	576.	431.	334.	279.	225.
	60.0	720.	727.	739.	743.	764.	780.	702.	523.	411.	345.	279.
A	57.5	815.	820.	829.	831.	855.	884.	816.	621.	502.	411.	340.
N	55.0	902.	905.	915.	923.	937.	931.	851.	678.	568.	470.	394.
G	52.5	988.	994.	995.	1002.	1009.	978.	828.	683.	569.	490.	426.
L	50.0	1070.	1073.	1063.	1073.	1082.	1006.	819.	677.	573.	505.	440.
E	47.5	1158.	1159.	1156.	1136.	1121.	997.	818.	689.	593.	529.	466.
	45.0	1188.	1195.	1196.	1175.	1099.	968.	817.	699.	611.	556.	500.
	44.0<<	1201.	1207.	1209.	1171.	1085.	952.	816.	704.	617.	566.	513.
	42.5	1188.	1192.	1194.	1145.	1063.	932.	811.	709.	628.	582.	533.
	40.0	1154.	1154.	1153.	1111.	1018.	915.	805.	715.	647.	610.	566.
	37.5	1113.	1107.	1100.	1065.	989.	899.	810.	725.	674.	640.	600.
	35.0	1076.	1068.	1062.	1037.	968.	889.	819.	746.	706.	671.	638.
	30.0	998.	987.	985.	974.	937.	891.	836.	791.	765.	732.	710.
	25.0	974.	968.	958.	940.	918.	888.	859.	831.	812.	783.	773.
	20.0	988.	982.	978.	952.	925.	911.	894.	878.	850.	832.	820.
	15.0	1023.	1022.	1020.	1004.	982.	950.	923.	903.	885.	871.	860.
	10.0	1030.	1028.	1025.	1012.	996.	978.	959.	941.	925.	910.	895.
	5.0	991.	991.	991.	987.	983.	979.	975.	972.	965.	956.	944.
	0.0	948.	948.	948.	948.	948.	948.	948.	948.	948.	948.	948.

||
 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	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.
85.0	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.
82.5	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.
V 80.0	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
E 77.5	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
R 75.0	2.	2.	1.	1.	1.	1.	1.	1.	2.	2.	2.
T 72.5	4.	2.	1.	1.	1.	1.	1.	1.	3.	3.	3.
I 70.0	31.	13.	2.	1.	1.	1.	1.	1.	3.	4.	4.
C 67.5	87.	58.	4.	1.	1.	1.	1.	2.	3.	3.	4.
A 65.0	150.	116.	25.	1.	1.	1.	1.	1.	2.	3.	3.
L 62.5	200.	165.	63.	3.	1.	1.	1.	1.	2.	4.	4.
60.0	248.	214.	108.	12.	1.	1.	2.	2.	1.	3.	3.
A 57.5	301.	267.	152.	41.	3.	2.	3.	2.	1.	2.	2.
N 55.0	354.	312.	195.	80.	9.	3.	4.	3.	2.	2.	2.
G 52.5	390.	344.	239.	123.	31.	4.	4.	4.	5.	5.	6.
L 50.0	405.	372.	280.	170.	66.	9.	5.	6.	9.	12.	13.
E 47.5	436.	402.	322.	220.	112.	28.	8.	9.	13.	17.	18.
45.0	471.	438.	362.	268.	161.	63.	19.	15.	19.	23.	25.
44.0<<	486.	452.	377.	286.	183.	81.	29.	20.	23.	28.	29.
42.5	507.	474.	400.	315.	211.	113.	49.	29.	30.	33.	34.
40.0	542.	512.	443.	366.	272.	173.	99.	58.	47.	47.	48.
37.5	581.	555.	490.	415.	336.	243.	163.	107.	84.	75.	76.
35.0	621.	599.	538.	466.	396.	316.	230.	171.	142.	127.	128.
30.0	701.	680.	624.	563.	503.	444.	384.	324.	292.	267.	268.
25.0	764.	748.	699.	647.	599.	552.	516.	480.	449.	428.	430.
20.0	810.	795.	760.	722.	679.	647.	617.	591.	576.	569.	570.
15.0	851.	838.	808.	778.	749.	723.	702.	683.	676.	670.	672.
10.0	888.	881.	860.	835.	815.	796.	782.	773.	767.	764.	761.
5.0	938.	931.	917.	902.	890.	880.	871.	866.	860.	858.	857.
0.0	948.	948.	948.	948.	948.	948.	948.	948.	948.	948.	948.

CONE OF MAXIMUM CANDELA

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5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	22
5- 10	65
10- 15	102
15- 20	133
20- 25	157
25- 30	173
30- 35	182
35- 40	186
40- 45	191
45- 50	193
50- 55	187
55- 60	167
60- 65	126
65- 70	73
70- 75	20
75- 80	2
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	87
0- 20	322
0- 30	652
0- 40	1019
0- 50	1403
0- 60	1756
0- 70	1955
0- 80	1978
0- 90	1978
0-100	1978
0-110	1978
0-120	1978
0-130	1978
0-140	1978
0-150	1978
0-160	1978
0-170	1978
0-180	1978