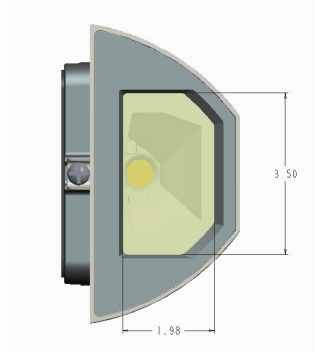


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 10 foot mounting height.



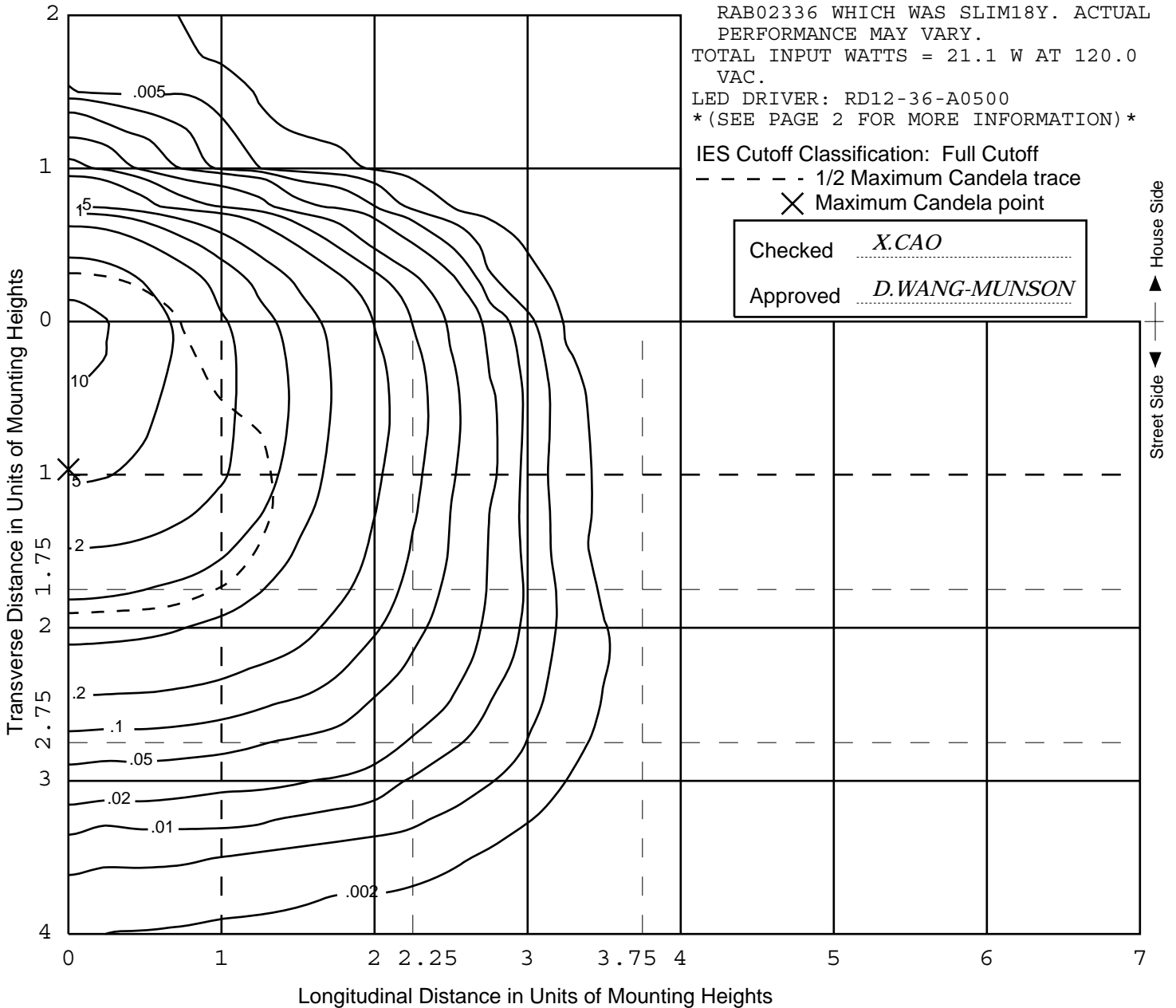
REPORT NUMBER: PRORATED FROM RAB02336
 ISSUE DATE: 08/17/16 PAGE: 1 OF 9
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: SLIM18N
 LUMINAIRE: CAST BROWN PAINTED FINNED METAL HOUSING, 1 CIRCUIT BOARD WITH 1 LED, MOLDED PLASTIC REFLECTOR WITH SPECULAR FINISH, CLEAR FLAT GLASS LENS IN CAST BROWN PAINTED 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 120.0 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>



House Side
 Street Side

REPORT NUMBER: PRORATED FROM RAB02336
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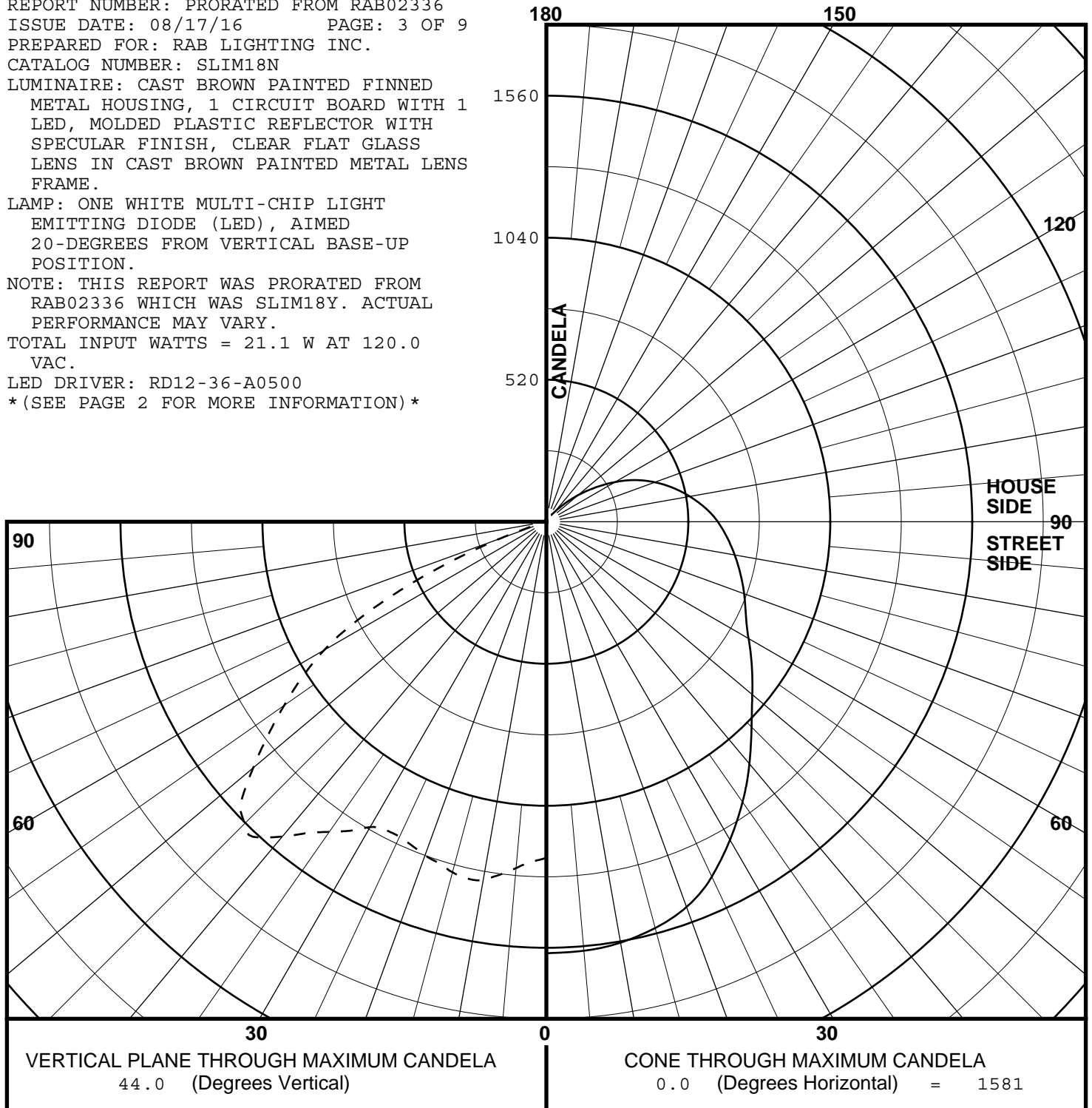
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ADDITIONAL INFORMATION

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

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

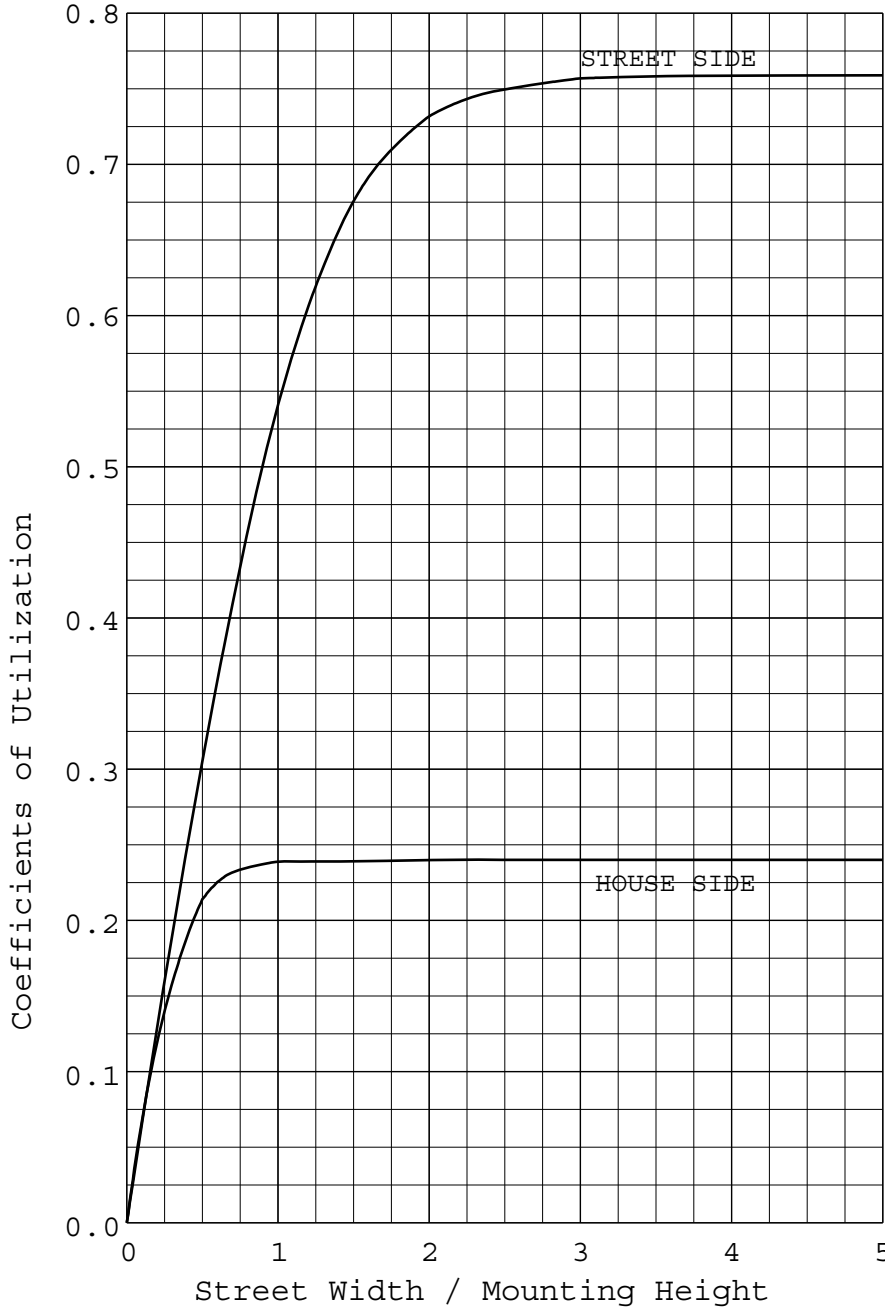
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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	1948.	75.9
DOWNWARD HOUSE SIDE	617.	24.1
DOWNWARD TOTAL	2565.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	2565.	100.0
TOTAL INPUT WATTS = 21.1		
EFFICACY = 121.6 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.

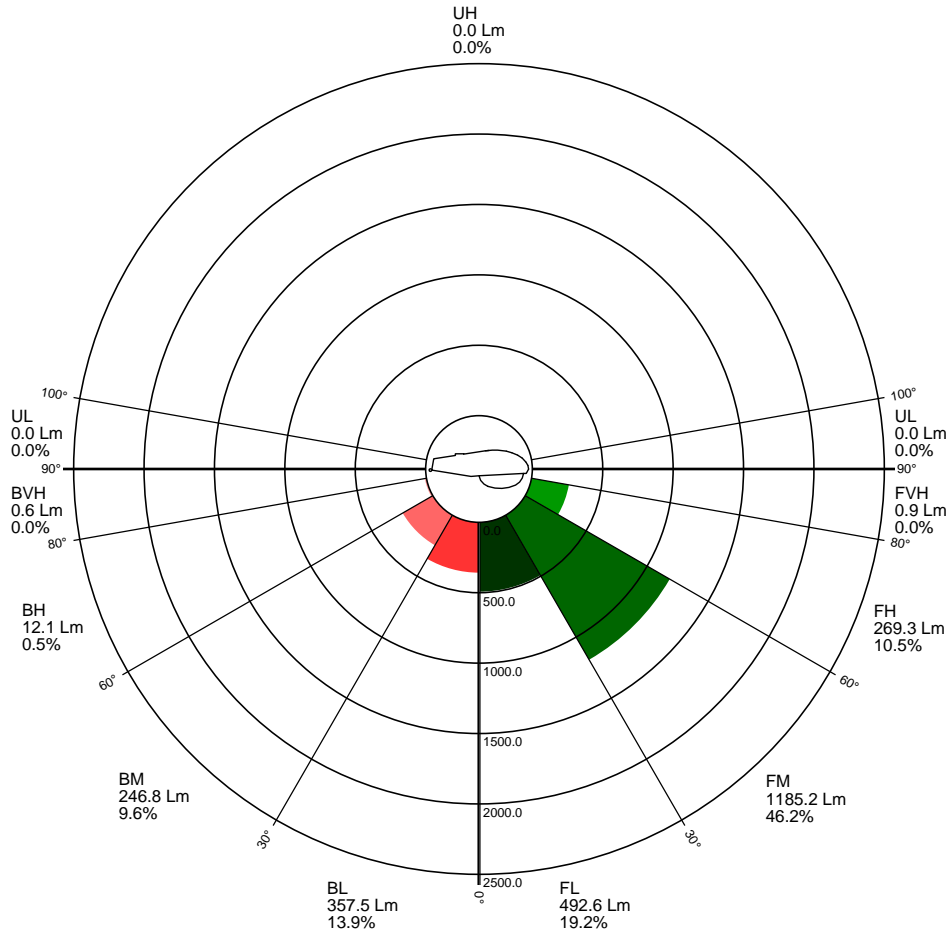
REPORT NUMBER: PRORATED FROM RAB02336
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BUG Rating:			B1	U0	G0
Zonal Summary		Lumens	% of Fixture		
			Zone Ratings		
			B	U	G
Forward		1948			
FL	(0° - 30°)	492.6			
FM	(30° - 60°)	1185.2			
FH	(60° - 80°)	269.3			G0
FVH	(80° - 90°)	0.9			G0
Backward		617			
BL	(0° - 30°)	357.5	B1		
BM	(30° - 60°)	246.8	B1		
BH	(60° - 80°)	12.1	B0		G0
BVH	(80° - 90°)	0.6			G0
Upward		0			
UL	(90° - 100°)	0.0		U0	
UH	(100° - 180°)	0.0		U0	
Trapped Light		0			
Total Flux		2565			

Zonal Lumen Summary

(Linear scale)

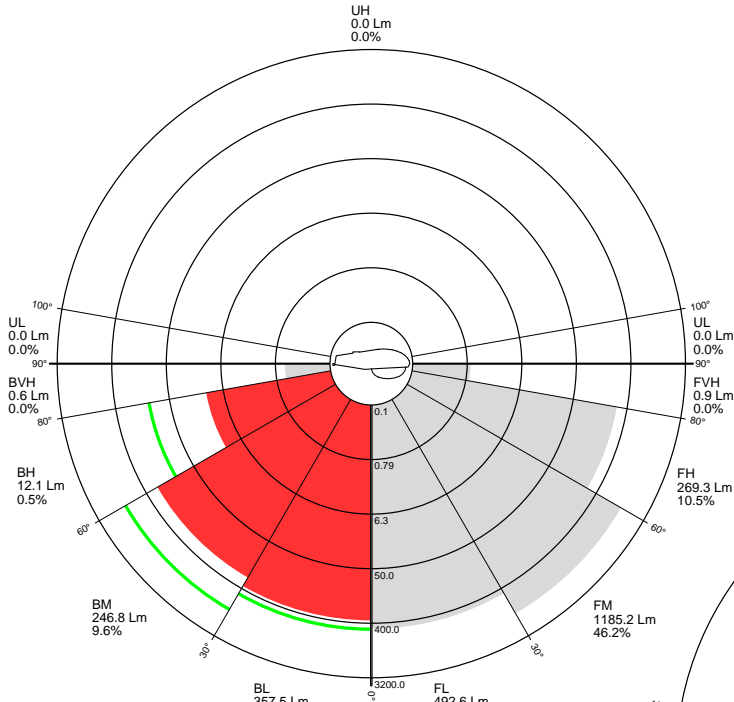


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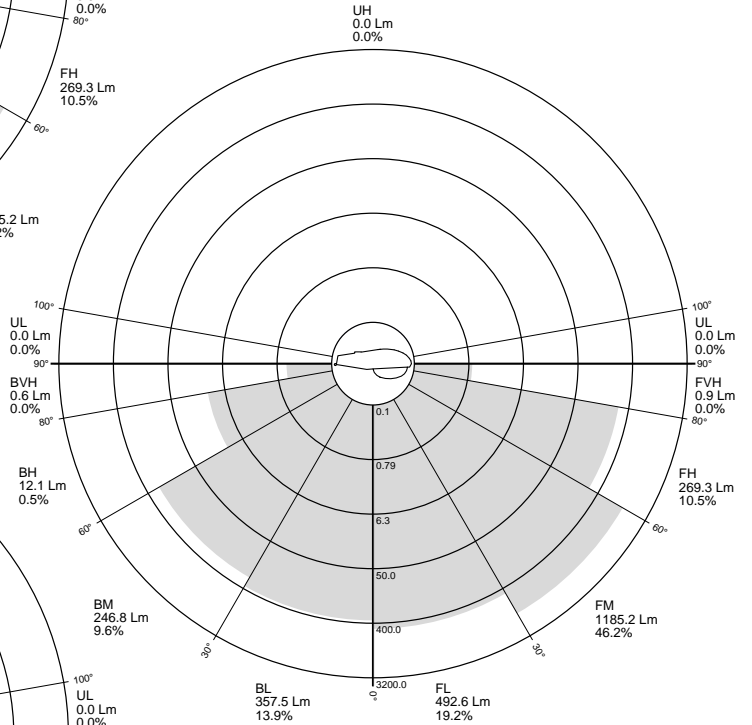
Backlight Rating Details

(Logarithmic scale)



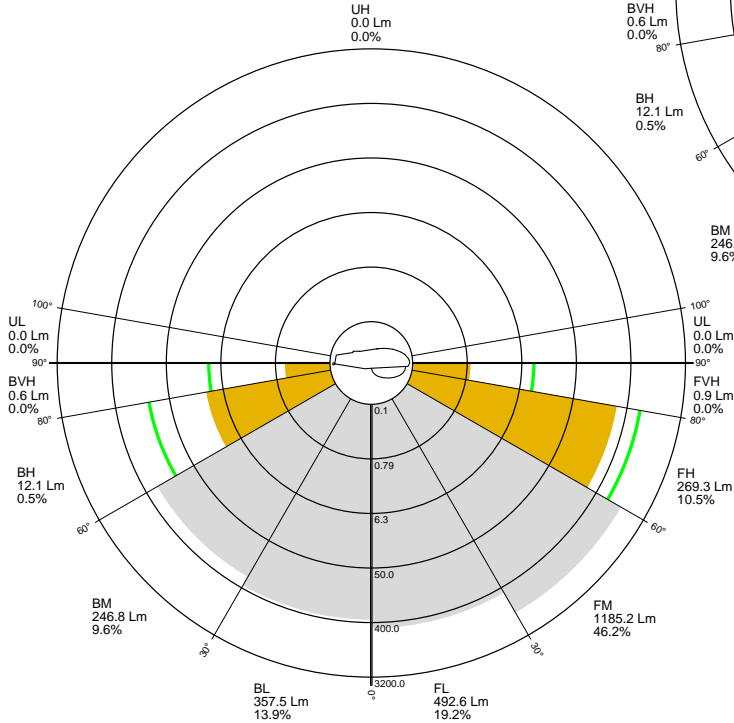
Uplight Rating Details

(Logarithmic scale)



Glare Rating Details

(Logarithmic scale)



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CANDELA TABULATION

	LATERAL ANGLE										
	STREET SIDE	0.0	5.0	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.
	175.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	165.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	155.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	145.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	135.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	125.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	115.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	105.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	95.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	90.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	87.5	0.	0.	0.	1.	1.	1.	1.	1.	2.	2.
	85.0	1.	1.	1.	1.	1.	1.	2.	2.	2.	2.
	82.5	3.	2.	2.	3.	3.	2.	2.	2.	2.	2.
V	80.0	6.	5.	4.	4.	5.	4.	3.	3.	2.	2.
E	77.5	11.	10.	8.	8.	11.	16.	9.	4.	3.	3.
R	75.0	18.	16.	18.	24.	51.	62.	35.	9.	5.	4.
T	72.5	54.	49.	67.	113.	184.	164.	98.	37.	17.	10.
I	70.0	185.	179.	225.	290.	367.	324.	218.	126.	80.	48.
C	67.5	371.	367.	415.	487.	540.	477.	356.	241.	178.	125.
A	65.0	583.	578.	628.	683.	699.	594.	458.	346.	277.	209.
L	62.5	781.	778.	823.	849.	849.	732.	553.	425.	350.	276.
	60.0	941.	939.	963.	977.	1008.	897.	678.	532.	433.	348.
A	57.5	1062.	1057.	1079.	1097.	1154.	1053.	801.	647.	526.	420.
N	55.0	1174.	1170.	1195.	1211.	1215.	1114.	882.	731.	598.	492.
G	52.5	1287.	1282.	1305.	1305.	1287.	1087.	885.	733.	624.	535.
L	50.0	1402.	1395.	1396.	1410.	1329.	1079.	887.	744.	650.	562.
E	47.5	1517.	1512.	1486.	1468.	1314.	1077.	900.	772.	682.	600.
	45.0	1565.	1558.	1543.	1454.	1271.	1069.	916.	797.	723.	647.
	44.0<<	1581.	1578.	1540.	1435.	1253.	1063.	920.	806.	737.	665.
	42.5	1568.	1572.	1506.	1407.	1226.	1057.	925.	823.	759.	693.
	40.0	1505.	1514.	1459.	1343.	1199.	1053.	936.	850.	801.	737.
	37.5	1438.	1445.	1385.	1290.	1176.	1059.	955.	889.	844.	786.
	35.0	1387.	1384.	1345.	1262.	1169.	1071.	980.	929.	887.	837.
	30.0	1291.	1289.	1268.	1219.	1160.	1092.	1042.	1006.	967.	935.
	25.0	1274.	1266.	1231.	1195.	1156.	1123.	1094.	1068.	1034.	1010.
	20.0	1300.	1291.	1247.	1203.	1183.	1167.	1149.	1117.	1090.	1072.
	15.0	1330.	1325.	1303.	1267.	1231.	1202.	1181.	1157.	1143.	1120.
	10.0	1332.	1327.	1308.	1287.	1262.	1241.	1215.	1198.	1185.	1171.
	5.0	1274.	1274.	1268.	1266.	1262.	1257.	1253.	1249.	1241.	1225.
	0.0	1232.	1232.	1232.	1232.	1232.	1232.	1232.	1232.	1232.	1232.
		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	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	178.	136.	24.	3.	2.	1.	1.	2.	3.	4.	4.
L 62.5	241.	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	377.	325.	178.	42.	4.	3.	5.	4.	2.	2.	3.
N 55.0	441.	385.	235.	88.	8.	4.	6.	6.	4.	3.	3.
G 52.5	487.	425.	294.	145.	30.	6.	7.	8.	8.	8.	9.
L 50.0	518.	469.	351.	206.	69.	10.	8.	10.	14.	17.	18.
E 47.5	560.	516.	403.	271.	126.	27.	11.	15.	20.	26.	27.
45.0	608.	564.	459.	336.	190.	68.	21.	23.	29.	35.	35.
44.0<<	629.	585.	481.	361.	218.	92.	31.	28.	33.	39.	40.
42.5	657.	614.	515.	398.	265.	134.	53.	38.	39.	45.	46.
40.0	707.	671.	577.	465.	348.	214.	114.	64.	56.	61.	60.
37.5	760.	729.	640.	538.	427.	306.	197.	122.	94.	87.	85.
35.0	815.	784.	705.	607.	508.	398.	287.	209.	164.	146.	140.
30.0	923.	894.	821.	742.	653.	579.	487.	414.	355.	337.	329.
25.0	1001.	981.	917.	850.	779.	723.	662.	622.	574.	556.	548.
20.0	1059.	1044.	997.	949.	890.	849.	802.	778.	747.	735.	730.
15.0	1107.	1093.	1056.	1016.	982.	950.	924.	909.	890.	884.	878.
10.0	1158.	1145.	1117.	1088.	1064.	1049.	1034.	1027.	1013.	1011.	1005.
5.0	1218.	1206.	1186.	1169.	1151.	1147.	1139.	1139.	1135.	1138.	1136.
0.0	1232.	1232.	1232.	1232.	1232.	1232.	1232.	1232.	1232.	1232.	1232.

CONE OF MAXIMUM CANDELA

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5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	29
5- 10	84
10- 15	133
15- 20	174
20- 25	205
25- 30	225
30- 35	236
35- 40	241
40- 45	248
45- 50	251
50- 55	241
55- 60	214
60- 65	160
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	420
0- 30	850
0- 40	1328
0- 50	1827
0- 60	2282
0- 70	2534
0- 80	2563
0- 90	2565
0-100	2565
0-110	2565
0-120	2565
0-130	2565
0-140	2565
0-150	2565
0-160	2565
0-170	2565
0-180	2565