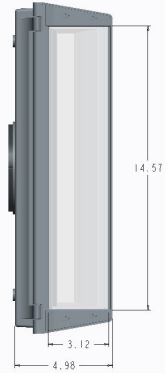


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 20 foot mounting height.

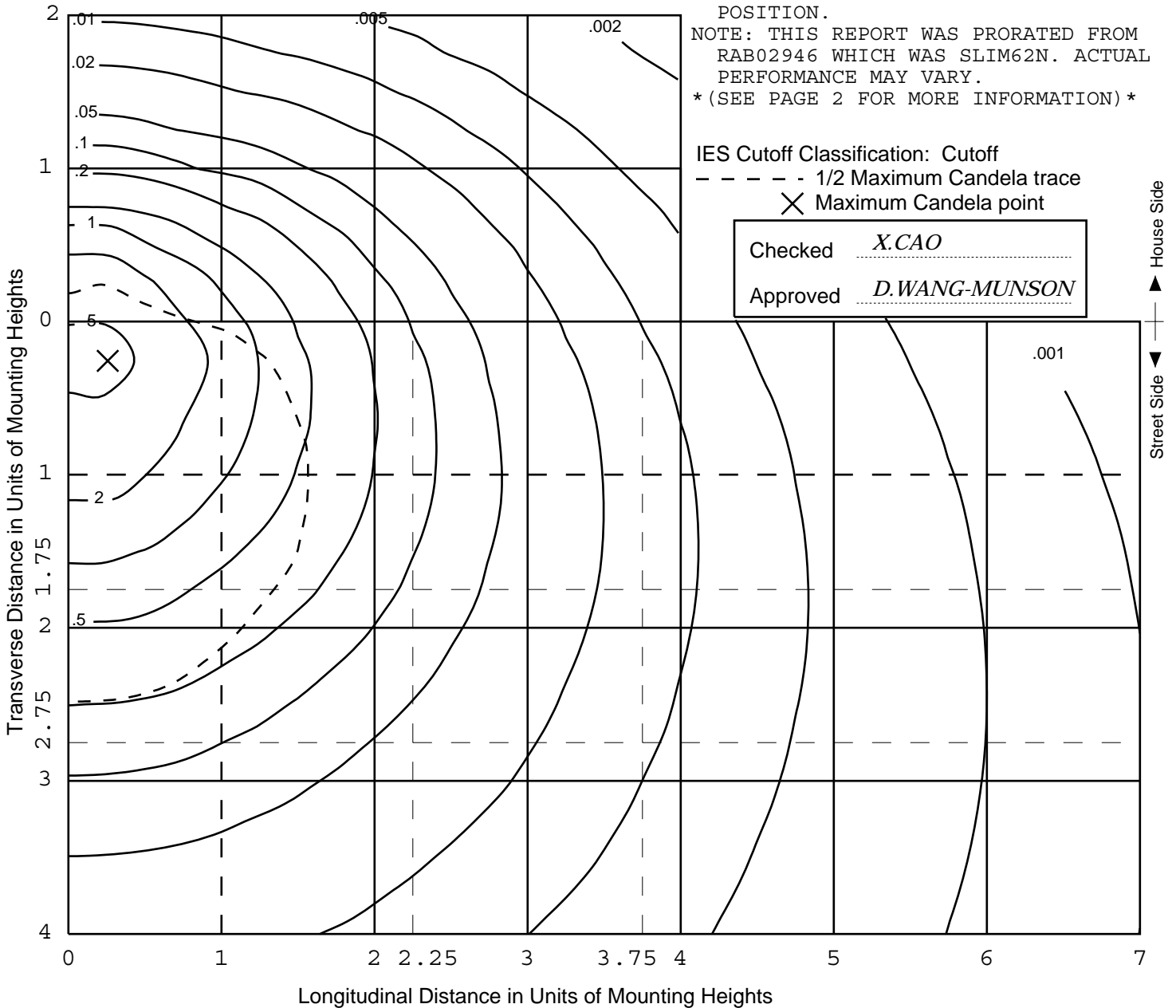


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 ISSUE DATE: 02/01/17 PAGE: 1 OF 9
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: SLIM62
 LUMINAIRE: CAST BROWN PAINTED METAL HOUSING, EXTRUDED 2-PIECE DIFFUSE METAL HEAT SINK, 1 WHITE CIRCUIT BOARD WITH 26 LEDS, MOLDED PLASTIC REFLECTOR WITH SPECULAR FINISH, CLEAR FLAT PRISMATIC GLASS LENS IN CAST 2-PIECE BROWN PAINTED METAL LENS RETAINING BRACKET. LENS PRISMS DOWN.
 LAMP: TWENTY-SIX WHITE MULTI-CHIP LIGHT EMITTING DIODES (LEDS), AIMED 10-DEGREES FROM VERTICAL BASE-UP POSITION.

NOTE: THIS REPORT WAS PRORATED FROM RAB02946 WHICH WAS SLIM62N. ACTUAL PERFORMANCE MAY VARY.
 (SEE PAGE 2 FOR MORE INFORMATION)

IES Cutoff Classification: 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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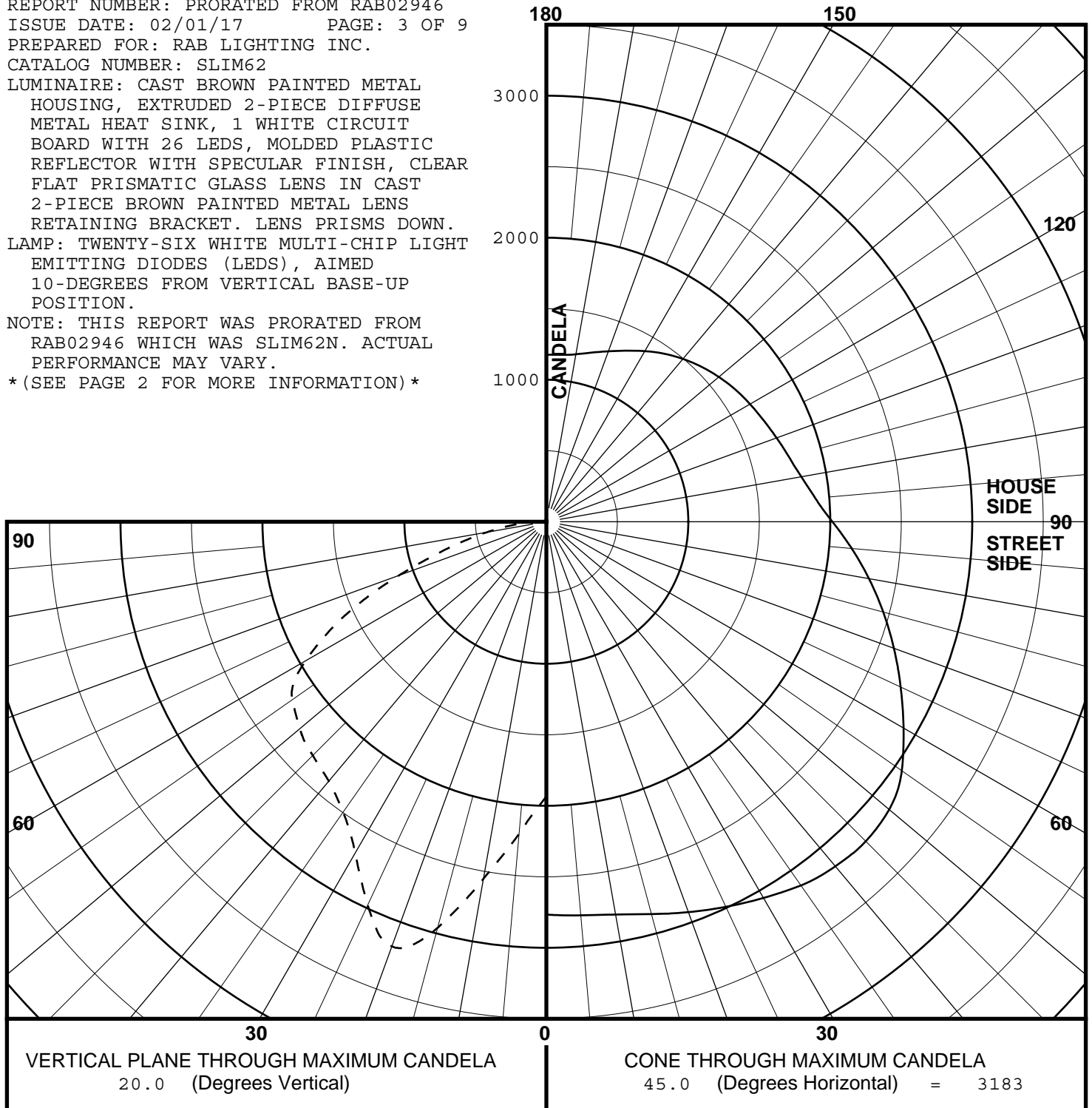
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ADDITIONAL INFORMATION

TOTAL INPUT WATTS = 60.1 W AT 120.0 VAC.
LED DRIVER: RD-060-A0700
TEST PROCEDURE: IESNA LM-79-08
TEST DISTANCE = 28.25 FEET

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

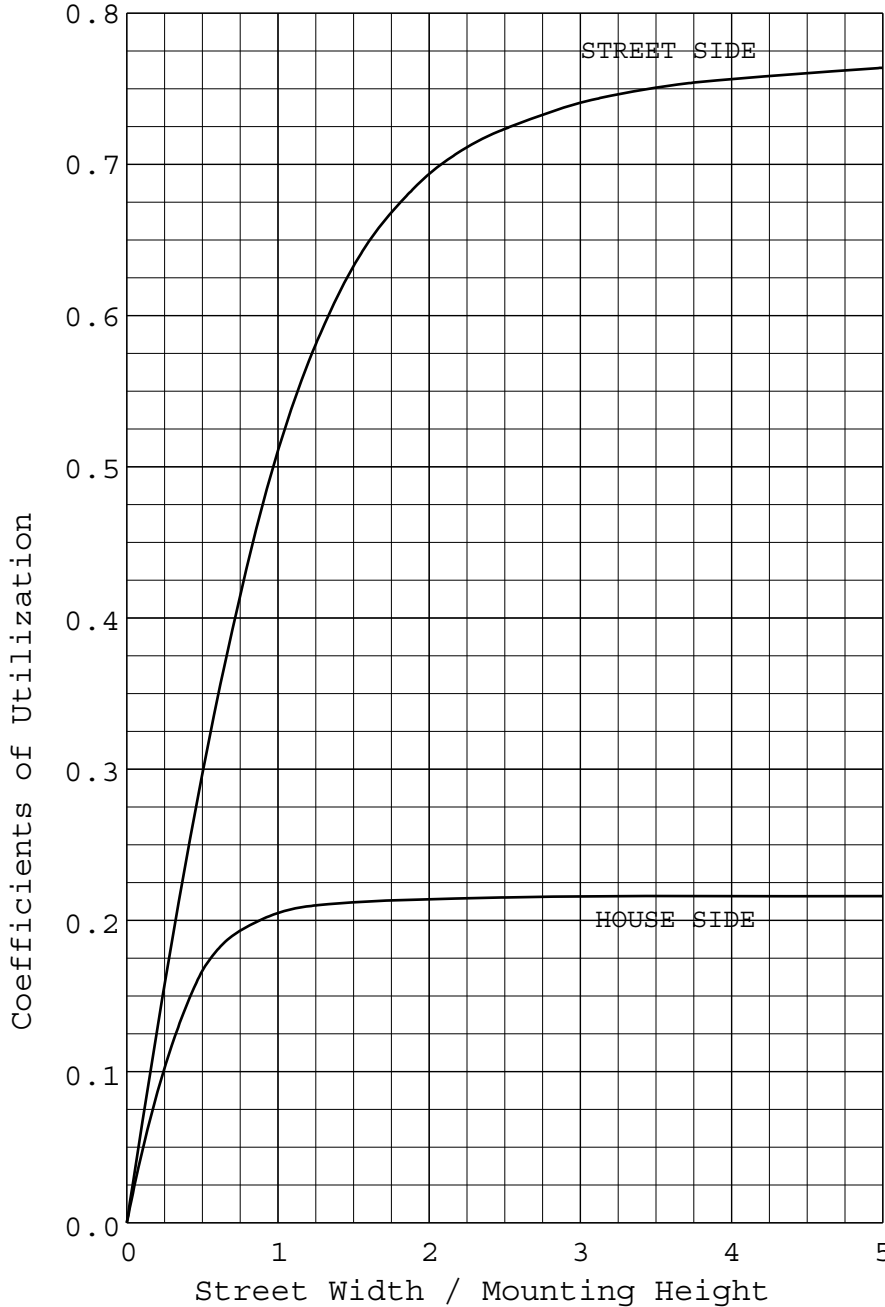
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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	4975.	77.8
DOWNWARD HOUSE SIDE	1388.	21.7
DOWNWARD TOTAL	6363.	99.5
UPWARD STREET SIDE	18.	0.3
UPWARD HOUSE SIDE	14.	0.2
UPWARD TOTAL	33.	0.5
TOTAL FLUX	6395.	100.0
TOTAL INPUT WATTS = 60.1		
EFFICACY = 106.4 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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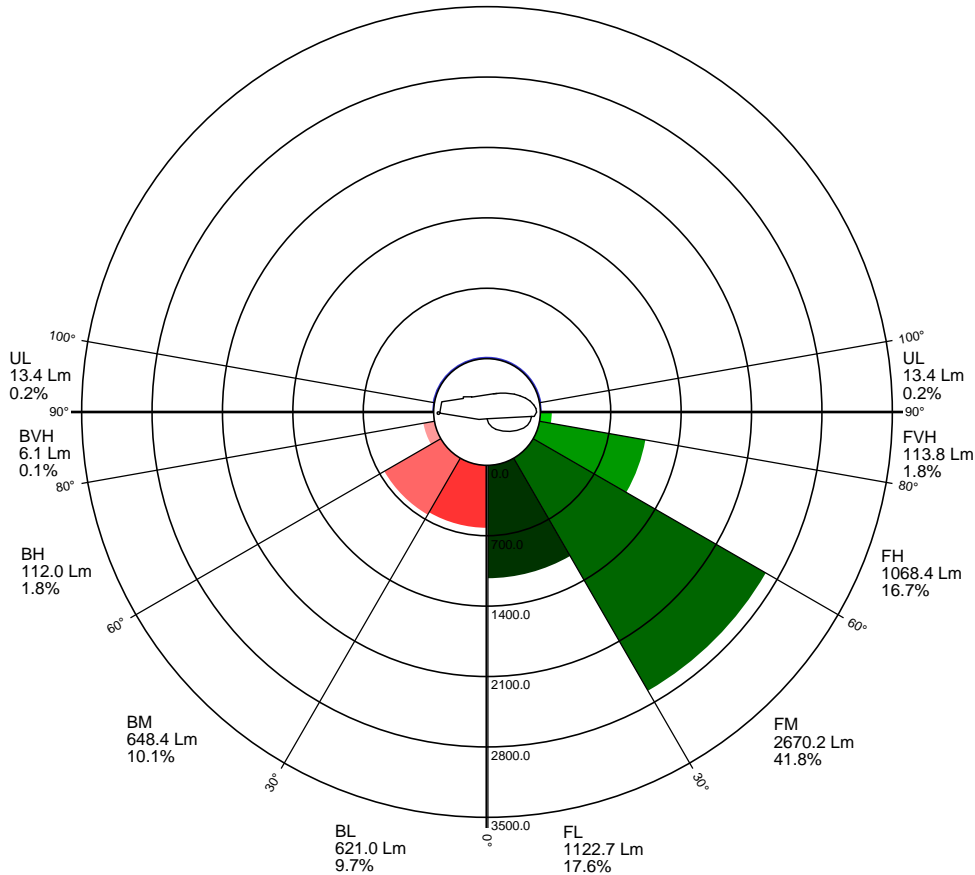
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BUG Rating:			B2	U2	G2
Zonal Summary		Lumens	% of Fixture		
			Zone Ratings		
			B	U	G
Forward		4975	77.8		
FL	(0° - 30°)	1122.7	17.6		
FM	(30° - 60°)	2670.2	41.8		
FH	(60° - 80°)	1068.4	16.7		
FVH	(80° - 90°)	113.8	1.8		
Backward		1388	21.7		
BL	(0° - 30°)	621.0	9.7		
BM	(30° - 60°)	648.4	10.1		
BH	(60° - 80°)	112.0	1.8		
BVH	(80° - 90°)	6.1	0.1		
Upward		33	0.5		
UL	(90° - 100°)	13.4	0.2		
UH	(100° - 180°)	19.1	0.3		
Trapped Light		0	0.0		
Total Flux		6395	100.0		

Zonal Lumen Summary

(Linear scale)

UH
19.1 Lm
0.3%

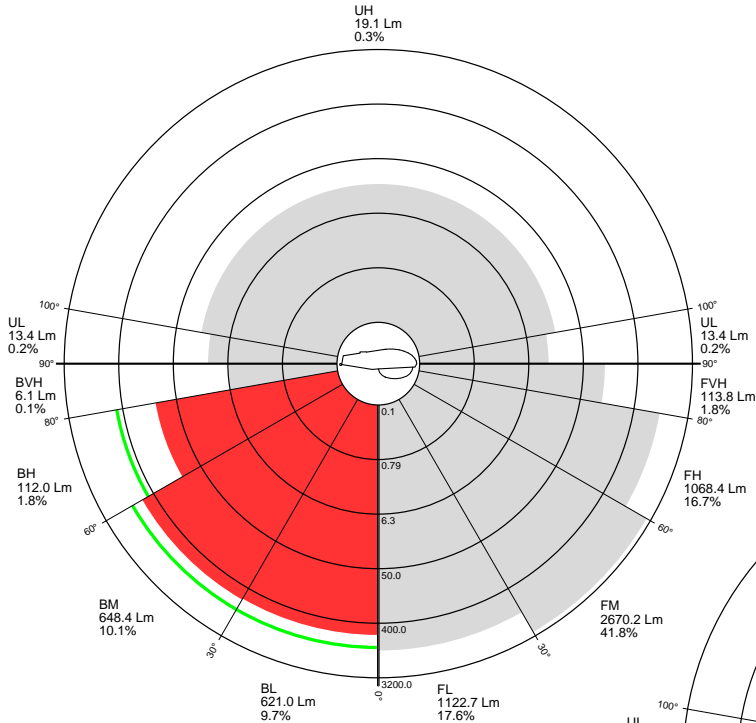


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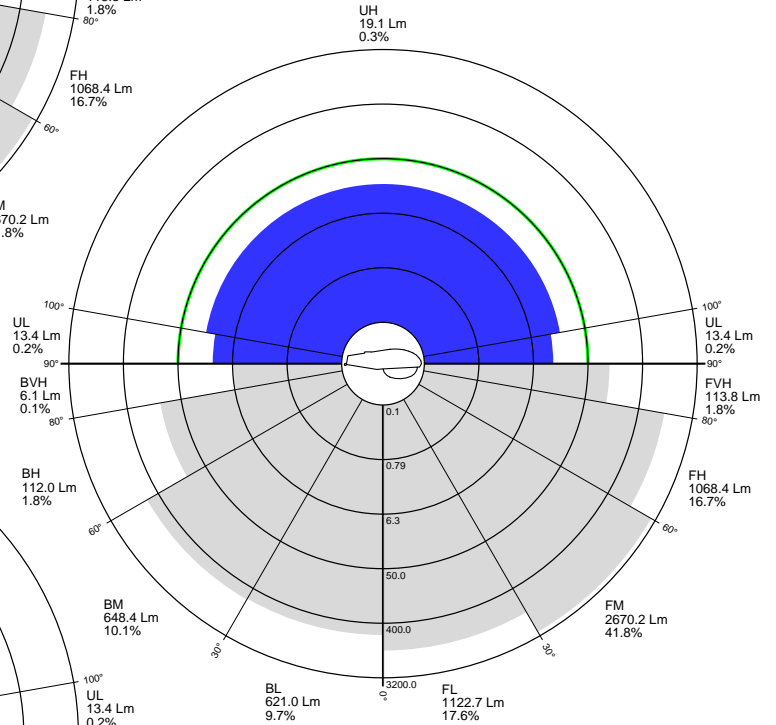
Backlight Rating Details

(Logarithmic scale)



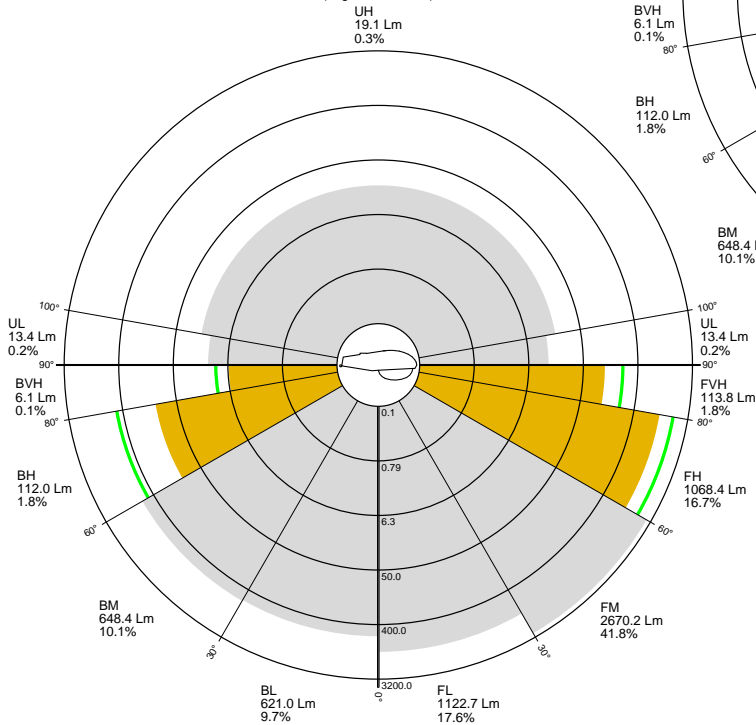
Uplight Rating Details

(Logarithmic scale)



Glare Rating Details

(Logarithmic scale)



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CANDELA TABULATION

STREET SIDE	LATERAL ANGLE									
	0.0	5.0	15.0	25.0	35.0	45.0	55.0	65.0	75.0	85.0
180.0	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
175.0	2.	1.	1.	2.	3.	3.	4.	4.	4.	4.
165.0	1.	1.	1.	2.	3.	3.	4.	4.	5.	5.
155.0	1.	1.	1.	2.	3.	3.	4.	4.	5.	5.
145.0	0.	0.	1.	2.	2.	3.	3.	4.	4.	5.
135.0	0.	0.	1.	1.	2.	3.	3.	4.	4.	5.
125.0	0.	0.	1.	1.	2.	3.	3.	4.	4.	4.
115.0	0.	0.	1.	1.	2.	3.	3.	3.	4.	4.
105.0	0.	0.	1.	1.	2.	3.	3.	4.	4.	4.
95.0	23.	24.	19.	14.	7.	3.	3.	3.	4.	4.
90.0	132.	133.	120.	111.	94.	81.	61.	41.	22.	6.
87.5	211.	212.	194.	179.	155.	137.	108.	81.	55.	31.
85.0	307.	308.	286.	266.	237.	214.	172.	131.	92.	61.
V 82.5	417.	422.	399.	377.	341.	312.	256.	201.	144.	97.
E 80.0	536.	543.	528.	506.	466.	428.	357.	286.	210.	145.
R 77.5	695.	690.	678.	659.	607.	560.	478.	390.	296.	207.
T 75.0	870.	867.	857.	826.	766.	713.	612.	514.	395.	281.
I 72.5	1091.	1090.	1077.	1021.	949.	889.	791.	656.	506.	370.
C 70.0	1361.	1362.	1346.	1262.	1174.	1107.	978.	817.	628.	477.
A 67.5	1658.	1662.	1648.	1535.	1430.	1340.	1176.	989.	775.	594.
L 65.0	1916.	1958.	1950.	1803.	1669.	1569.	1378.	1171.	937.	729.
62.5	2159.	2198.	2212.	2034.	1879.	1774.	1580.	1366.	1122.	882.
A 60.0	2361.	2405.	2436.	2231.	2055.	1959.	1769.	1561.	1296.	1043.
N 57.5	2570.	2616.	2668.	2430.	2229.	2111.	1911.	1695.	1458.	1199.
G 55.0	2736.	2781.	2862.	2581.	2344.	2186.	1986.	1800.	1600.	1336.
L 52.5	2803.	2851.	2956.	2656.	2405.	2226.	2040.	1886.	1728.	1446.
E 50.0	2830.	2886.	3004.	2723.	2456.	2268.	2095.	1955.	1839.	1544.
47.5	2867.	2925.	3044.	2796.	2503.	2305.	2140.	2009.	1938.	1629.
45.0	2910.	2957.	3066.	2857.	2553.	2327.	2172.	2061.	2015.	1689.
42.5	2917.	2959.	3068.	2906.	2598.	2353.	2194.	2123.	2078.	1737.
40.0	2907.	2946.	3039.	2934.	2637.	2384.	2235.	2189.	2117.	1768.
37.5	2877.	2908.	3000.	2950.	2672.	2433.	2293.	2271.	2168.	1802.
35.0	2841.	2858.	2951.	2944.	2708.	2497.	2383.	2370.	2188.	1828.
30.0	2708.	2717.	2819.	2893.	2826.	2695.	2631.	2591.	2253.	1896.
25.0	2622.	2637.	2750.	2907.	2997.	2979.	2946.	2730.	2346.	2013.
20.0 <<	2767.	2782.	2860.	2992.	3127.	3183.	3057.	2755.	2457.	2160.
15.0	2965.	2976.	3004.	3043.	3036.	2960.	2827.	2655.	2464.	2236.
10.0	2716.	2730.	2723.	2677.	2630.	2554.	2474.	2371.	2245.	2107.
5.0	2293.	2308.	2311.	2282.	2253.	2206.	2167.	2101.	2042.	1983.
0.0	1932.	1932.	1932.	1932.	1932.	1932.	1932.	1932.	1932.	1932.

||
 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	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
175.0	4.	4.	5.	4.	4.	4.	3.	3.	3.	3.	3.
165.0	5.	5.	5.	5.	5.	4.	4.	4.	4.	4.	4.
155.0	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
145.0	5.	5.	5.	5.	5.	5.	5.	5.	5.	6.	6.
135.0	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
125.0	5.	5.	5.	5.	5.	4.	4.	5.	5.	5.	5.
115.0	4.	4.	4.	5.	4.	4.	4.	4.	4.	4.	4.
105.0	4.	4.	5.	4.	4.	4.	4.	4.	4.	4.	4.
95.0	4.	4.	4.	4.	4.	4.	3.	3.	3.	3.	3.
90.0	4.	4.	4.	4.	4.	3.	3.	2.	2.	2.	2.
87.5	21.	11.	5.	4.	4.	3.	3.	2.	2.	2.	2.
85.0	46.	35.	17.	7.	4.	3.	3.	2.	2.	2.	2.
V 82.5	76.	61.	36.	21.	11.	5.	3.	2.	2.	2.	2.
E 80.0	116.	92.	58.	35.	23.	13.	8.	5.	4.	4.	4.
R 77.5	168.	133.	82.	51.	33.	22.	14.	10.	8.	7.	8.
T 75.0	229.	184.	116.	71.	45.	30.	22.	15.	13.	12.	12.
I 72.5	305.	246.	156.	97.	60.	40.	28.	22.	19.	16.	16.
C 70.0	395.	320.	205.	126.	78.	50.	36.	28.	24.	22.	23.
A 67.5	497.	408.	261.	161.	99.	63.	45.	35.	31.	28.	28.
L 65.0	608.	504.	328.	202.	121.	79.	56.	43.	38.	35.	35.
62.5	733.	611.	407.	250.	150.	96.	68.	54.	46.	43.	42.
A 60.0	869.	733.	492.	305.	185.	117.	82.	66.	58.	52.	52.
N 57.5	1009.	855.	583.	369.	226.	142.	101.	80.	70.	65.	64.
G 55.0	1143.	981.	685.	440.	276.	173.	122.	98.	86.	78.	78.
L 52.5	1259.	1096.	792.	521.	334.	210.	149.	120.	105.	96.	96.
E 50.0	1353.	1189.	889.	607.	401.	256.	183.	147.	130.	117.	116.
47.5	1434.	1267.	995.	698.	483.	320.	227.	182.	159.	144.	143.
45.0	1500.	1334.	1083.	782.	568.	395.	287.	224.	199.	178.	176.
42.5	1555.	1388.	1158.	877.	651.	487.	366.	283.	248.	220.	218.
40.0	1590.	1430.	1222.	973.	742.	575.	462.	366.	313.	278.	277.
37.5	1625.	1472.	1279.	1070.	843.	681.	573.	477.	406.	360.	357.
35.0	1653.	1508.	1336.	1156.	944.	787.	690.	601.	523.	472.	471.
30.0	1730.	1600.	1456.	1328.	1178.	1049.	956.	870.	774.	711.	701.
25.0	1851.	1732.	1602.	1509.	1421.	1321.	1222.	1106.	1002.	947.	936.
20.0 <<	2016.	1903.	1769.	1690.	1625.	1544.	1446.	1329.	1234.	1180.	1175.
15.0	2126.	2028.	1887.	1791.	1727.	1662.	1583.	1513.	1459.	1428.	1432.
10.0	2041.	1980.	1876.	1799.	1732.	1695.	1664.	1635.	1613.	1604.	1608.
5.0	1952.	1928.	1876.	1831.	1789.	1767.	1746.	1731.	1721.	1716.	1719.
0.0	1932.	1932.	1932.	1932.	1932.	1932.	1932.	1932.	1932.	1932.	1932.

CONE OF MAXIMUM CANDELA

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5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	47
5- 10	147
10- 15	260
15- 20	365
20- 25	438
25- 30	487
30- 35	523
35- 40	549
40- 45	569
45- 50	577
50- 55	569
55- 60	531
60- 65	452
65- 70	346
70- 75	235
75- 80	148
80- 85	82
85- 90	37
90- 95	11
95-100	2
100-105	2
105-110	2
110-115	2
115-120	2
120-125	2
125-130	2
130-135	2
135-140	1
140-145	1
145-150	1
150-155	1
155-160	1
160-165	1
165-170	0
170-175	0
175-180	0

10-DEGREE
ZONAL LUMEN SUMMARY

0- 10	194
0- 20	818
0- 30	1744
0- 40	2816
0- 50	3962
0- 60	5062
0- 70	5859
0- 80	6243
0- 90	6363
0-100	6376
0-110	6379
0-120	6383
0-130	6386
0-140	6389
0-150	6392
0-160	6394
0-170	6395
0-180	6395