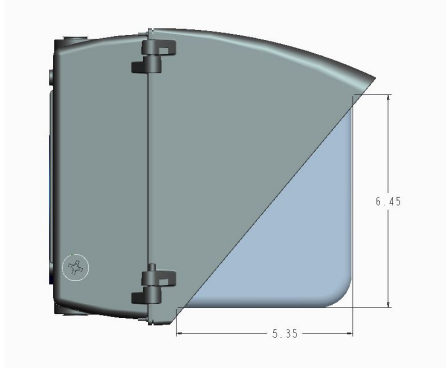


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 20 foot mounting height.

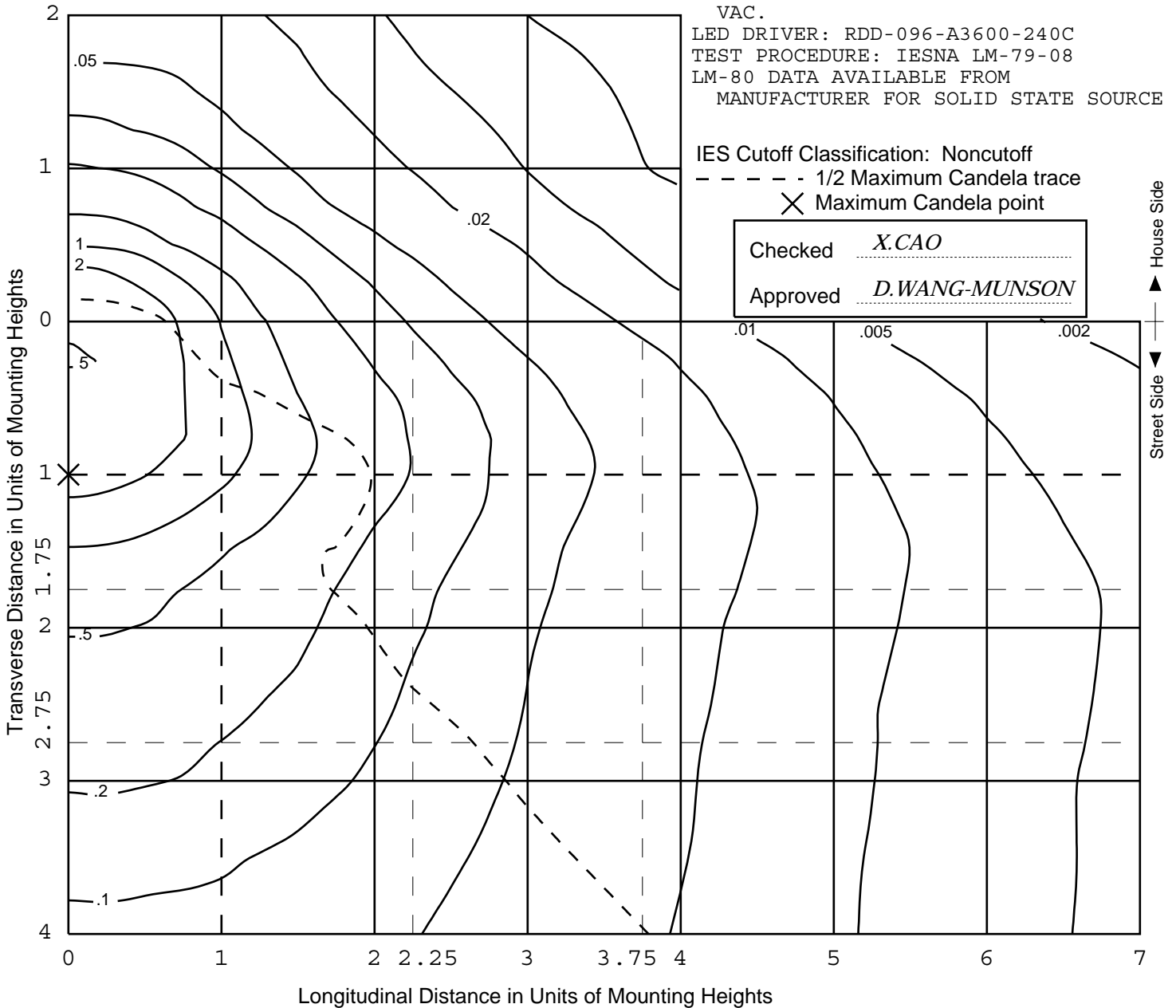


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 ISSUE DATE: 04/04/17 PAGE: 1 OF 8
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: WP3LED82Y/480/D10 (ALSO APPLIES TO 347/RCL) (STANDARD CUTOFF - PRISMATIC GLASS LENS)
 LUMINAIRE: COMPACT WALLPACK WITH VANDAL RESISTANT PRISMATIC POLYCARBONATE REFRACTOR.
 LAMP: ONE-HUNDRED AND FORTY-FOUR WHITE LIGHT EMITTING DIODES (LEDs).
 NOTE: THIS REPORT WAS PRORATED FROM RAB03139 WHICH WAS WP3LED82/480/D10 . ACTUAL PERFORMANCE MAY VARY.
 TOTAL INPUT WATTS = 84.1 W AT 347.0 VAC.

LED DRIVER: RDD-096-A3600-240C
 TEST PROCEDURE: IESNA LM-79-08
 LM-80 DATA AVAILABLE FROM MANUFACTURER FOR SOLID STATE SOURCE

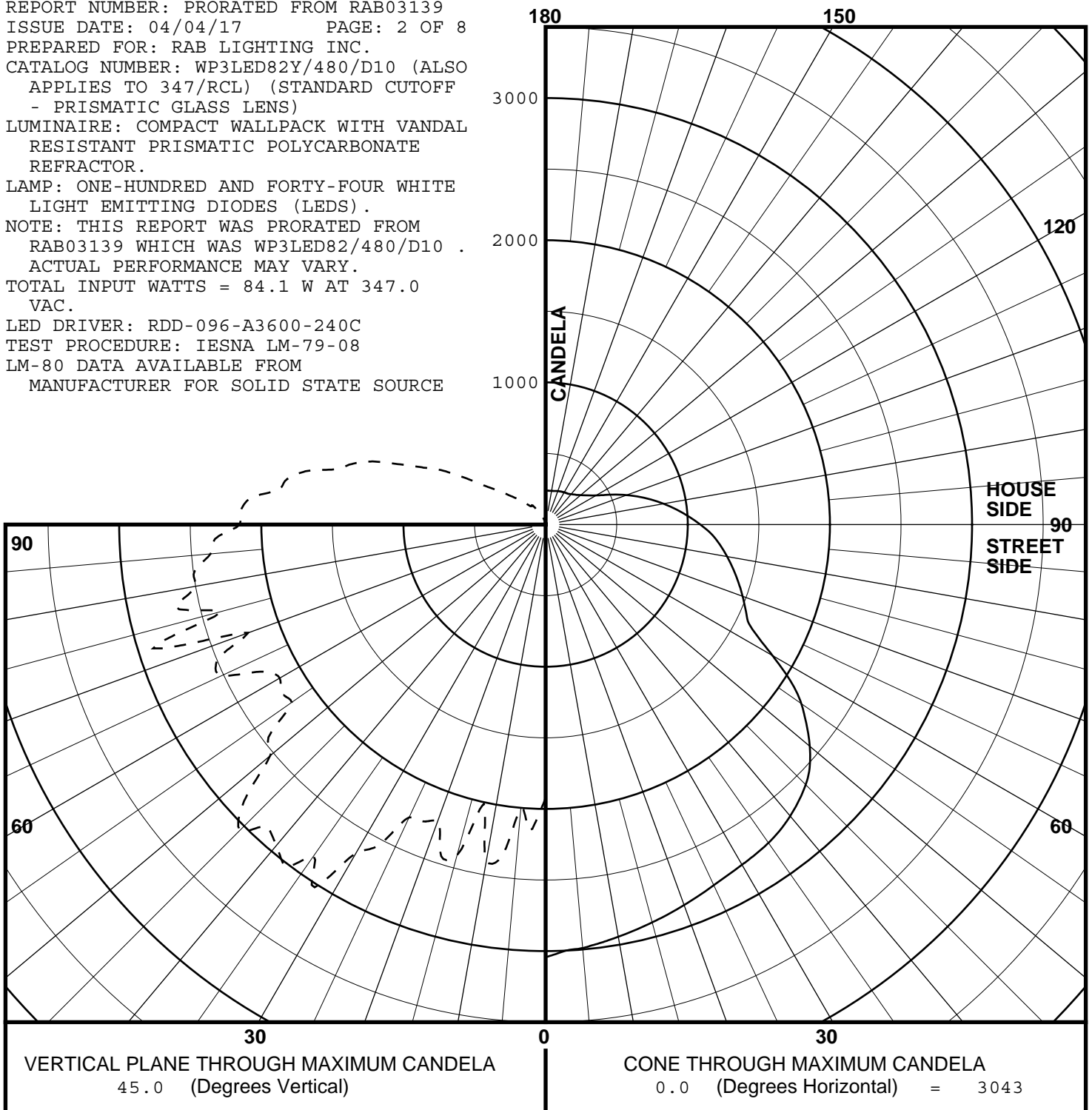
IES Cutoff Classification: Noncutoff

--- 1/2 Maximum Candela trace
 X Maximum Candela point



MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

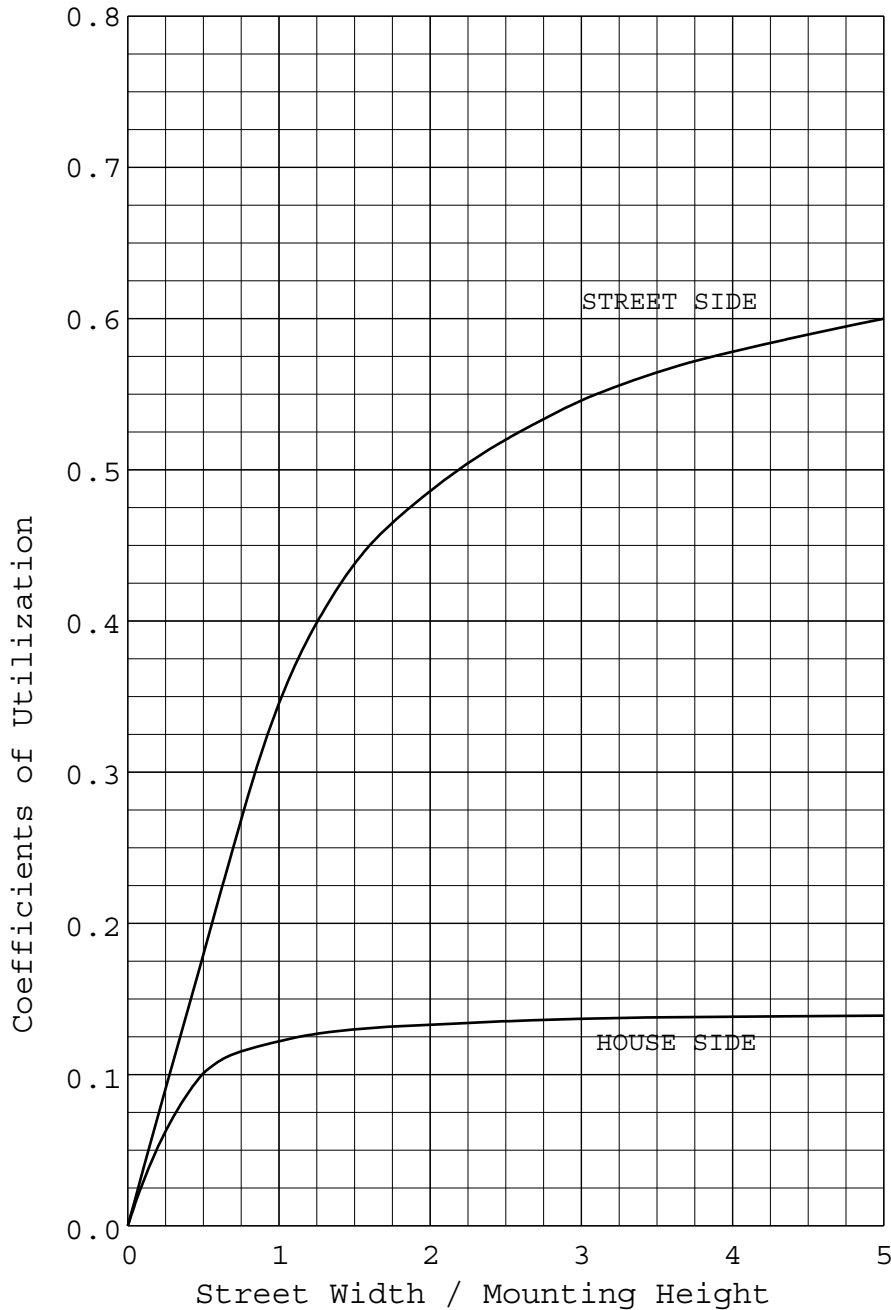
REPORT NUMBER: PRORATED FROM RAB03139
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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	5785.	68.1
DOWNWARD HOUSE SIDE	1203.	14.2
DOWNWARD TOTAL	6988.	82.3
UPWARD STREET SIDE	1449.	17.1
UPWARD HOUSE SIDE	55.	0.6
UPWARD TOTAL	1504.	17.7
TOTAL FLUX	8492.	100.0
TOTAL INPUT WATTS = 84.1		
EFFICACY = 101.0 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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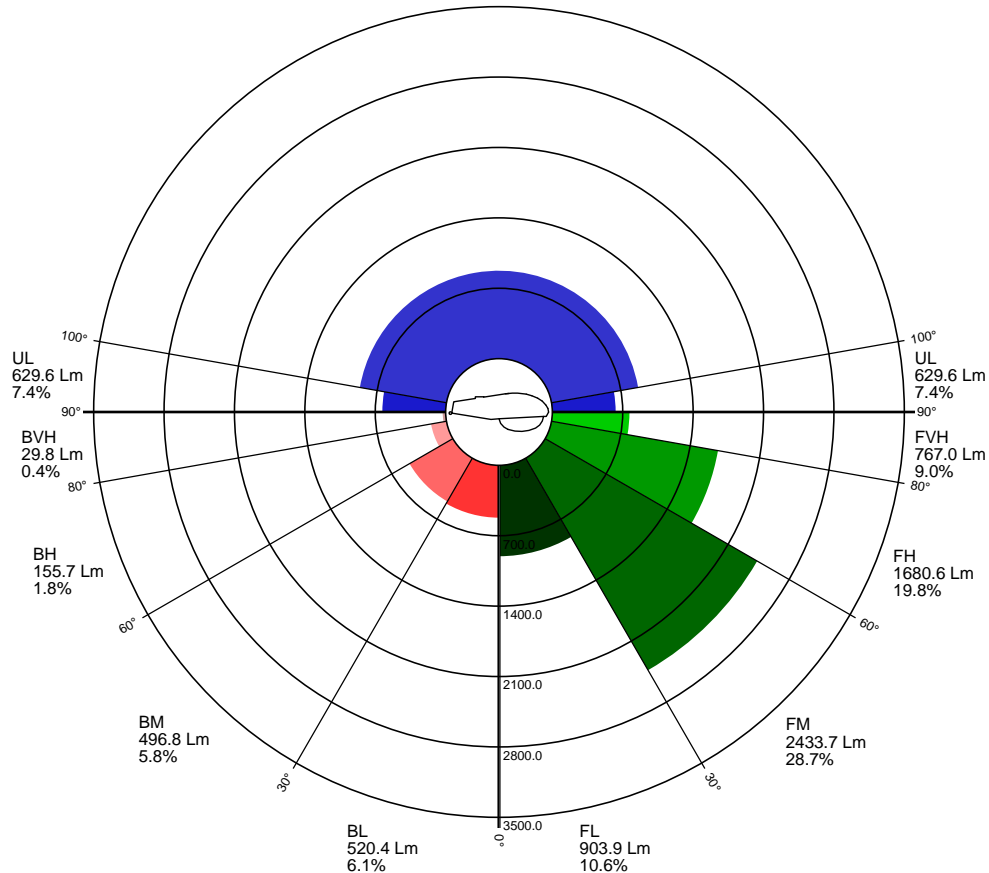
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BUG Rating:				B2 U4 G5		
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		5785	68.1			
FL	(0° - 30°)	903.9	10.6			
FM	(30° - 60°)	2433.7	28.7			
FH	(60° - 80°)	1680.6	19.8			G1
FVH	(80° - 90°)	767.0	9.0			G5
Backward		1203	14.2			
BL	(0° - 30°)	520.4	6.1	B2		
BM	(30° - 60°)	496.8	5.8	B1		
BH	(60° - 80°)	155.7	1.8	B1		G1
BVH	(80° - 90°)	29.8	0.4			G1
Upward		1504	17.7			
UL	(90° - 100°)	629.6	7.4		U4	
UH	(100° - 180°)	874.3	10.3		U4	
Trapped Light		0	0.0			
Total Flux		8492	100.0			

Zonal Lumen Summary

(Linear scale)

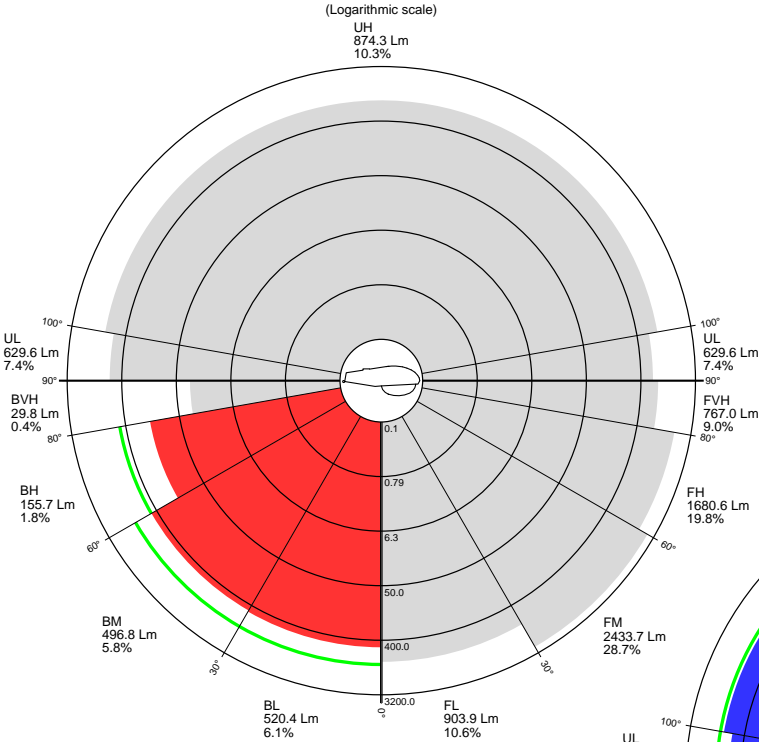
UH
874.3 Lm
10.3%



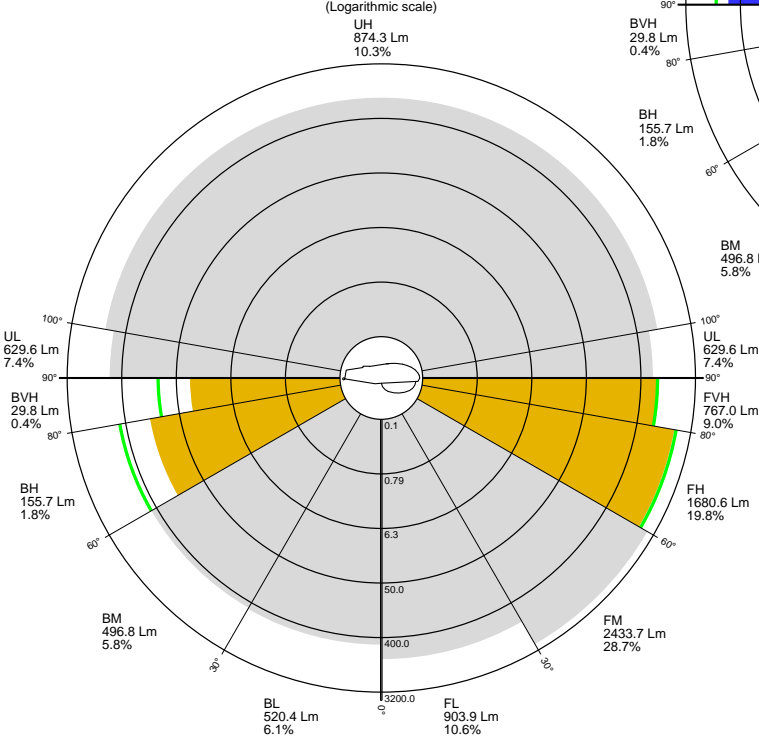
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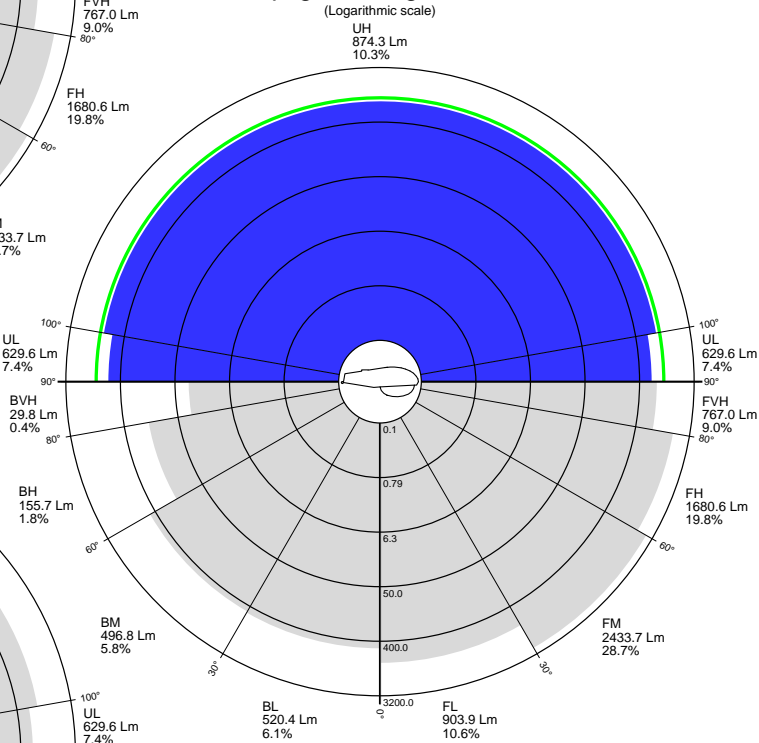
Backlight Rating Details



Glare Rating Details



Uplight Rating Details



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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	5.	5.	5.	5.	5.	5.	5.	5.	5.
	175.0	1.	1.	2.	4.	5.	5.	6.	7.	7.
	165.0	25.	24.	24.	21.	18.	14.	9.	7.	7.
	155.0	72.	71.	70.	64.	58.	48.	35.	21.	9.
	145.0	168.	167.	158.	142.	125.	100.	75.	57.	29.
	135.0	235.	234.	216.	186.	145.	116.	109.	91.	58.
	125.0	426.	428.	398.	354.	286.	206.	124.	80.	77.
	115.0	949.	944.	867.	718.	552.	389.	242.	123.	86.
	105.0	1513.	1528.	1484.	1314.	1020.	724.	462.	261.	115.
	95.0	2093.	2130.	2051.	1782.	1514.	1111.	756.	486.	275.
	90.0	2154.	2203.	2259.	2025.	1723.	1304.	902.	613.	419.
	87.5	2329.	2367.	2210.	2020.	1771.	1338.	934.	668.	494.
	85.0	2367.	2398.	2389.	2226.	1871.	1423.	978.	696.	592.
V	82.5	2490.	2563.	2465.	2213.	1864.	1430.	1018.	776.	681.
E	80.0	2502.	2529.	2459.	2200.	1909.	1452.	1058.	837.	774.
R	77.5	2664.	2751.	2678.	2366.	1860.	1454.	1073.	912.	887.
T	75.0	2368.	2395.	2298.	2099.	1882.	1479.	1120.	974.	1008.
I	72.5	2896.	2939.	2776.	2303.	1808.	1450.	1188.	1078.	1056.
C	70.0	2227.	2273.	2256.	2119.	1897.	1508.	1244.	1409.	1128.
A	67.5	2506.	2516.	2355.	2053.	1729.	1504.	1352.	1496.	1181.
L	65.0	2513.	2560.	2446.	2168.	1813.	1558.	1674.	1495.	1212.
	62.5	2242.	2259.	2148.	1930.	1778.	1725.	1864.	1617.	1211.
A	60.0	2160.	2175.	2069.	1919.	1813.	1964.	1978.	1742.	1141.
N	57.5	2202.	2204.	2126.	2077.	2178.	2282.	2069.	1725.	1122.
G	55.0	2181.	2214.	2215.	2351.	2275.	2304.	2170.	1760.	1141.
L	52.5	2459.	2454.	2368.	2387.	2559.	2477.	2187.	1776.	1173.
E	50.0	2529.	2572.	2655.	2692.	2602.	2486.	2272.	1652.	1242.
	47.5	2876.	2850.	2876.	2801.	2651.	2520.	2246.	1560.	1305.
	45.0<<	3043.	2990.	2898.	2800.	2734.	2589.	2197.	1564.	1386.
	42.5	2888.	2859.	2907.	2829.	2755.	2541.	2067.	1585.	1467.
	40.0	2948.	2884.	2837.	2877.	2750.	2478.	1941.	1669.	1558.
	37.5	3024.	2985.	2947.	2870.	2681.	2309.	1823.	1797.	1653.
	35.0	2846.	2829.	2996.	2800.	2618.	2201.	1837.	1855.	1739.
	30.0	2668.	2641.	2702.	2512.	2243.	2046.	1974.	1870.	1897.
	25.0	2273.	2257.	2227.	2196.	2149.	2254.	2287.	2169.	1910.
	20.0	2215.	2213.	2210.	2407.	2152.	2457.	2278.	1933.	1897.
	15.0	2409.	2449.	2510.	2441.	2001.	2589.	1927.	2230.	2033.
	10.0	2409.	2450.	2275.	2016.	1942.	2415.	2176.	2016.	2115.
	5.0	2003.	1998.	2004.	2011.	2027.	2097.	2132.	2075.	1956.
	0.0	1921.	1921.	1921.	1921.	1921.	1921.	1921.	1921.	1921.
		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	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
	175.0	8.	7.	7.	7.	6.	5.	5.	4.	3.	2.	2.
	165.0	8.	8.	7.	7.	7.	6.	5.	4.	3.	3.	3.
	155.0	9.	8.	8.	7.	7.	6.	5.	5.	4.	4.	4.
	145.0	11.	10.	8.	8.	8.	7.	5.	5.	5.	4.	4.
	135.0	21.	17.	12.	13.	11.	7.	5.	5.	5.	4.	4.
	125.0	36.	30.	21.	19.	16.	11.	6.	5.	5.	5.	5.
	115.0	59.	49.	36.	29.	21.	15.	9.	6.	6.	6.	6.
	105.0	63.	54.	46.	41.	28.	19.	13.	9.	9.	9.	9.
	95.0	54.	60.	60.	56.	38.	24.	16.	12.	11.	11.	11.
	90.0	64.	60.	72.	66.	46.	28.	19.	13.	11.	11.	12.
	87.5	88.	68.	81.	74.	52.	33.	21.	14.	11.	12.	12.
	85.0	124.	89.	90.	84.	62.	41.	27.	16.	11.	11.	11.
V	82.5	174.	115.	100.	98.	71.	60.	45.	36.	33.	37.	36.
E	80.0	245.	148.	110.	111.	82.	82.	59.	57.	48.	53.	54.
R	77.5	323.	188.	122.	121.	92.	100.	72.	75.	65.	64.	64.
T	75.0	394.	236.	134.	126.	100.	108.	91.	86.	88.	80.	79.
I	72.5	454.	294.	149.	129.	107.	112.	110.	93.	107.	105.	104.
C	70.0	495.	345.	170.	133.	113.	114.	132.	103.	114.	127.	128.
A	67.5	536.	398.	204.	140.	122.	118.	145.	115.	114.	131.	134.
L	65.0	562.	447.	240.	151.	133.	123.	145.	139.	116.	123.	124.
	62.5	613.	495.	282.	170.	147.	136.	143.	160.	131.	118.	116.
A	60.0	668.	538.	331.	201.	165.	146.	146.	165.	158.	137.	136.
N	57.5	709.	605.	388.	238.	184.	166.	159.	164.	183.	173.	169.
G	55.0	776.	662.	443.	281.	209.	189.	173.	170.	179.	198.	201.
L	52.5	852.	718.	500.	327.	241.	212.	195.	187.	181.	185.	186.
E	50.0	919.	801.	573.	375.	277.	235.	219.	202.	198.	188.	187.
	47.5	1007.	887.	646.	429.	316.	266.	243.	229.	216.	210.	211.
	45.0<<	1090.	964.	723.	496.	359.	298.	267.	256.	245.	240.	239.
	42.5	1180.	1050.	807.	574.	406.	332.	295.	279.	266.	259.	260.
	40.0	1269.	1141.	889.	662.	463.	371.	322.	300.	285.	275.	276.
	37.5	1354.	1233.	976.	755.	549.	419.	356.	325.	310.	297.	299.
	35.0	1441.	1323.	1060.	854.	659.	482.	401.	360.	335.	322.	324.
	30.0	1603.	1474.	1243.	1053.	890.	725.	569.	467.	430.	409.	411.
	25.0	1733.	1605.	1419.	1236.	1083.	971.	864.	758.	670.	622.	606.
	20.0	1829.	1731.	1576.	1432.	1285.	1177.	1087.	1012.	965.	951.	942.
	15.0	1888.	1854.	1713.	1596.	1477.	1386.	1306.	1247.	1202.	1187.	1177.
	10.0	1914.	1909.	1824.	1739.	1666.	1647.	1511.	1471.	1461.	1473.	1475.
	5.0	1900.	1896.	1883.	1864.	1816.	1756.	1727.	1733.	1732.	1716.	1721.
	0.0	1921.	1921.	1921.	1921.	1921.	1921.	1921.	1921.	1921.	1921.	1921.

CONE OF MAXIMUM CANDELA

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5-DEGREE ZONAL LUMEN SUMMARY

0- 5	46
5- 10	138
10- 15	219
15- 20	292
20- 25	341
25- 30	388
30- 35	433
35- 40	476
40- 45	506
45- 50	523
50- 55	509
55- 60	482
60- 65	465
65- 70	463
70- 75	462
75- 80	446
80- 85	418
85- 90	378
90- 95	339
95-100	291
100-105	240
105-110	187
110-115	139
115-120	96
120-125	65
125-130	44
130-135	32
135-140	24
140-145	18
145-150	13
150-155	7
155-160	4
160-165	2
165-170	1
170-175	0
175-180	0

10-DEGREE ZONAL LUMEN SUMMARY

0- 10	184
0- 20	695
0- 30	1424
0- 40	2334
0- 50	3364
0- 60	4355
0- 70	5283
0- 80	6191
0- 90	6988
0-100	7617
0-110	8045
0-120	8281
0-130	8390
0-140	8445
0-150	8476
0-160	8488
0-170	8491
0-180	8492