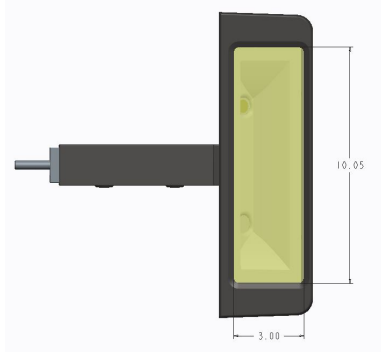


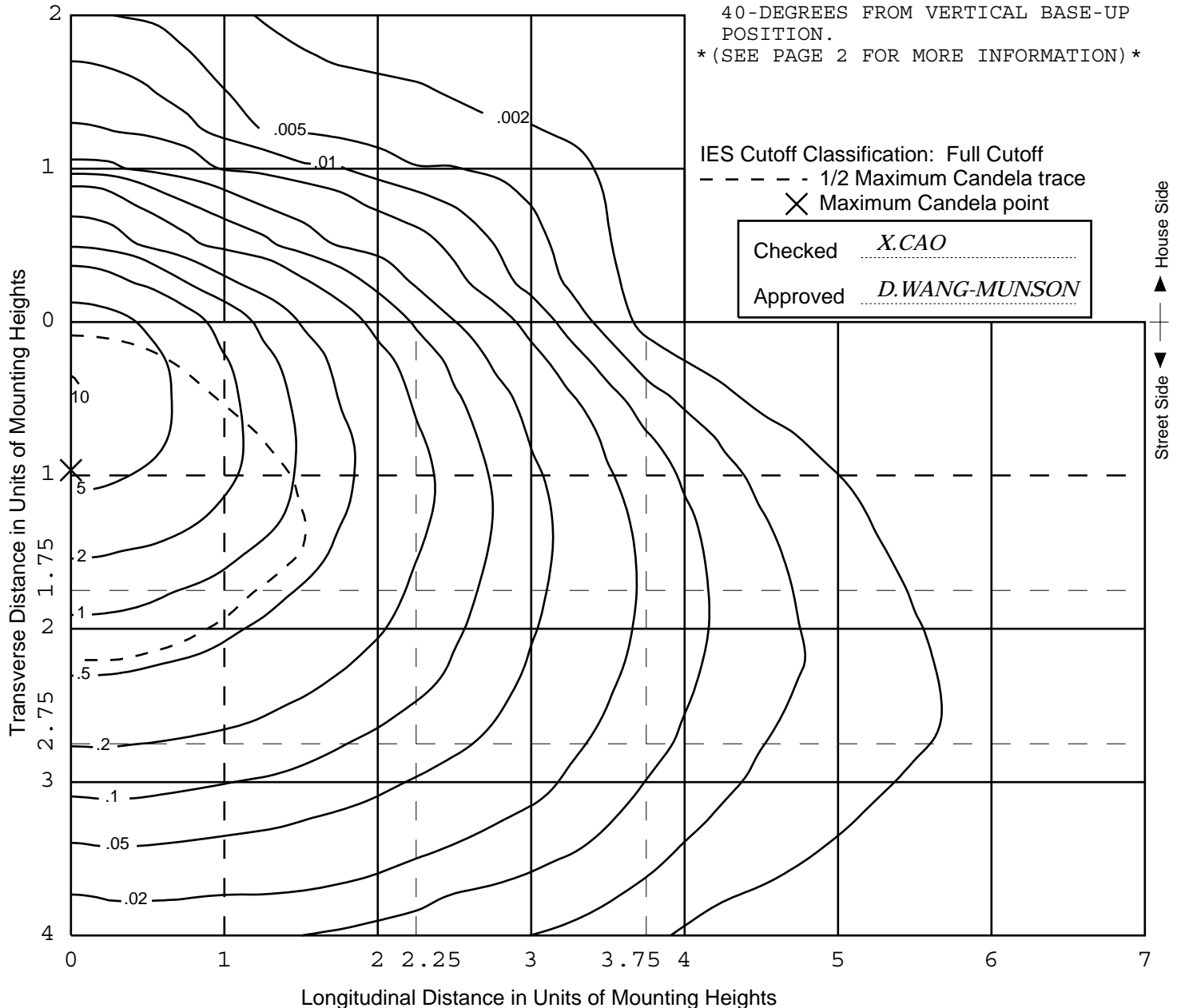
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 20 foot mounting height.



REPORT NUMBER: PRORATED FROM RAB02588
 ISSUE DATE: 10/20/16 PAGE: 1 OF 9
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: ALEDFC80N/WPLEDFC80N
 (0-DEGREE UPTILT - FULL CUTOFF)
 LUMINAIRE: CAST FINNED METAL HOUSING,
 2-PIECE EXTRUDED METAL HEAT SINK, 2
 CIRCUIT BOARDS EACH WITH 1 LED,
 MOLDED PLASTIC REFLECTOR WITH
 SPECULAR FINISH AND 1 OPTICAL
 COMPARTMENT WITH 1 APERTURE PER LED,
 CLEAR FLAT GLASS LENS IN CAST BROWN
 PAINTED METAL FRAME.
 LAMPS: TWO WHITE MULTI-CHIP LIGHT
 EMITTING DIODES (LEDs), TILTED
 40-DEGREES FROM VERTICAL BASE-UP
 POSITION.

(SEE PAGE 2 FOR MORE INFORMATION)



REPORT NUMBER: PRORATED FROM RAB02588
ISSUE DATE: 10/20/16
PREPARED FOR: RAB LIGHTING INC.

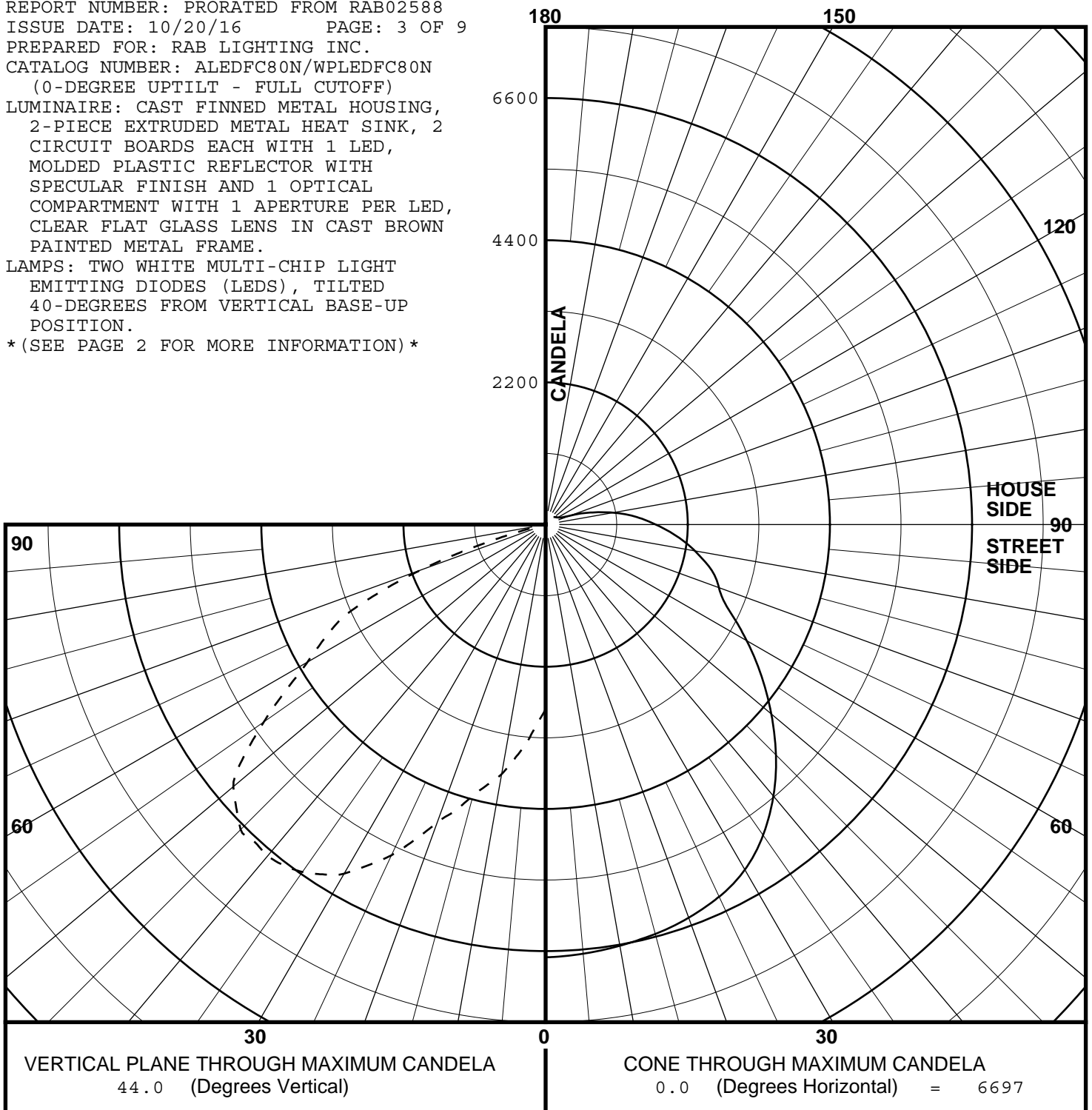
PAGE: 2 OF 9

ADDITIONAL INFORMATION

NOTE: THIS REPORT WAS PRORATED FROM RAB02588 WHICH WAS
ALEDFC80Y/WPLEDFC80Y. ACTUAL PERFORMANCE MAY VARY.
TOTAL INPUT WATTS = 83.2 W AT 120.0 VAC.
LED DRIVER: RD-085-A2000
TEST PROCEDURE: IESNA LM-79-08

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

REPORT NUMBER: PRORATED FROM RAB02588
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 CATALOG NUMBER: ALEDFC80N/WPLEDFC80N
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 40-DEGREES FROM VERTICAL BASE-UP
 POSITION.
 (SEE PAGE 2 FOR MORE INFORMATION)



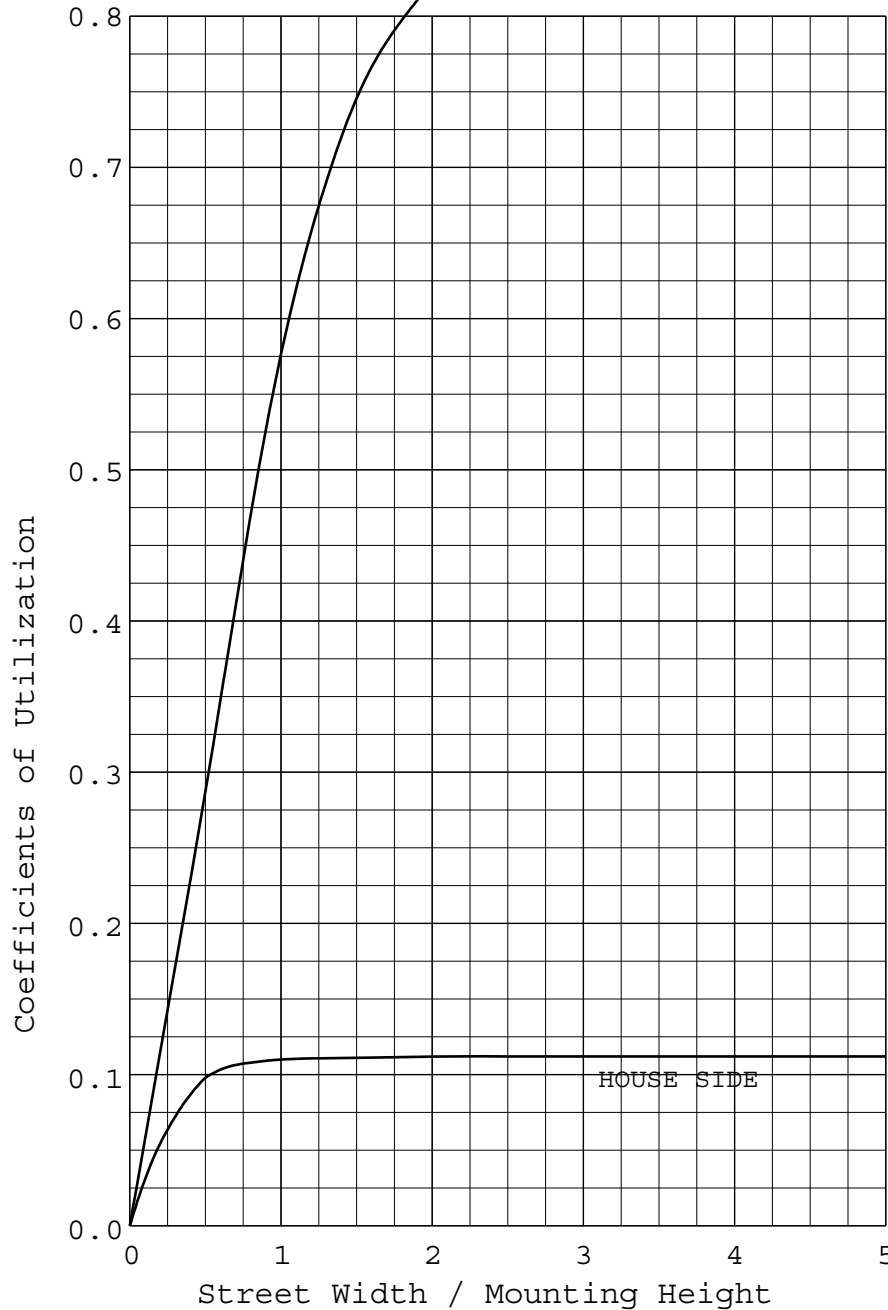
REPORT NUMBER: PRORATED FROM RAB02588

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PREPARED FOR: RAB LIGHTING INC STREET SIDE

COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	8513.	88.7
DOWNWARD HOUSE SIDE	1082.	11.3
DOWNWARD TOTAL	9594.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	9594.	100.0

TOTAL INPUT WATTS = 83.2
EFFICACY = 115.3 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.

REPORT NUMBER: PRORATED FROM RAB02588
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 PREPARED FOR: RAB LIGHTING INC.

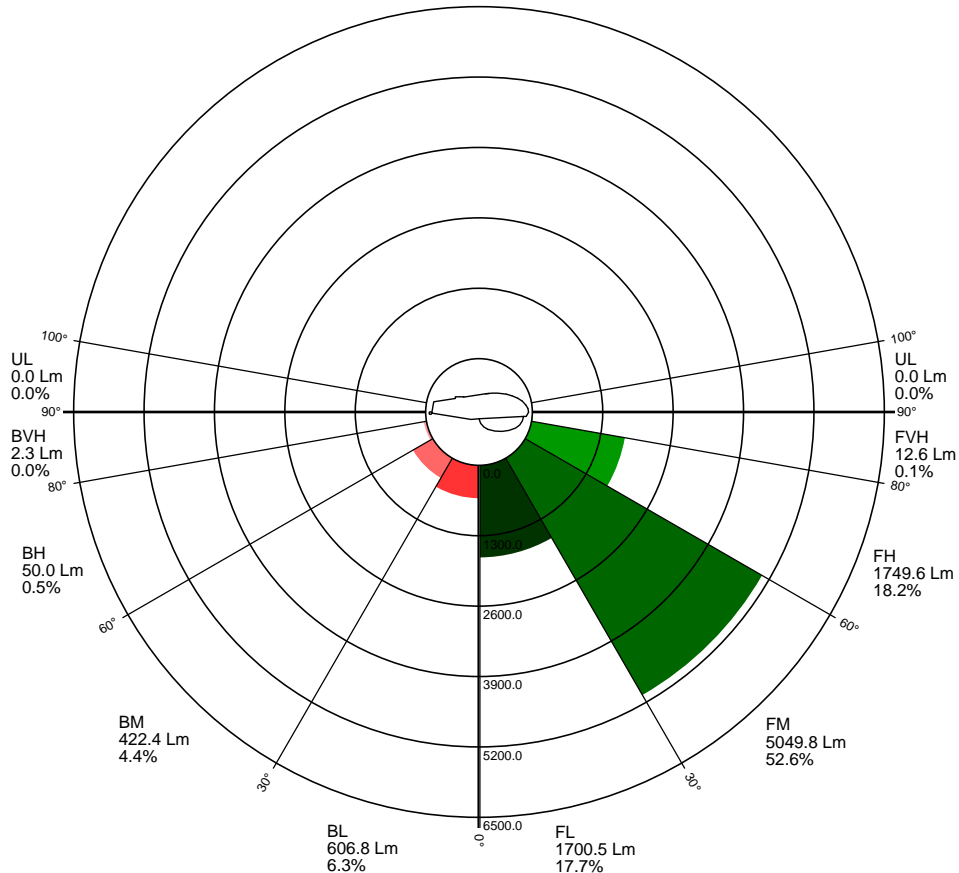
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BUG Rating:				B2 U0 G1		
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		8513	88.7			
FL	(0° - 30°)	1700.5	17.7			
FM	(30° - 60°)	5049.8	52.6			
FH	(60° - 80°)	1749.6	18.2			G1
FVH	(80° - 90°)	12.6	0.1			G1
Backward		1082	11.3			
BL	(0° - 30°)	606.8	6.3	B2		
BM	(30° - 60°)	422.4	4.4	B1		
BH	(60° - 80°)	50.0	0.5	B0		G0
BVH	(80° - 90°)	2.3	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		9594	100.0			

Zonal Lumen Summary

(Linear scale)

UH
0.0 Lm
0.0%

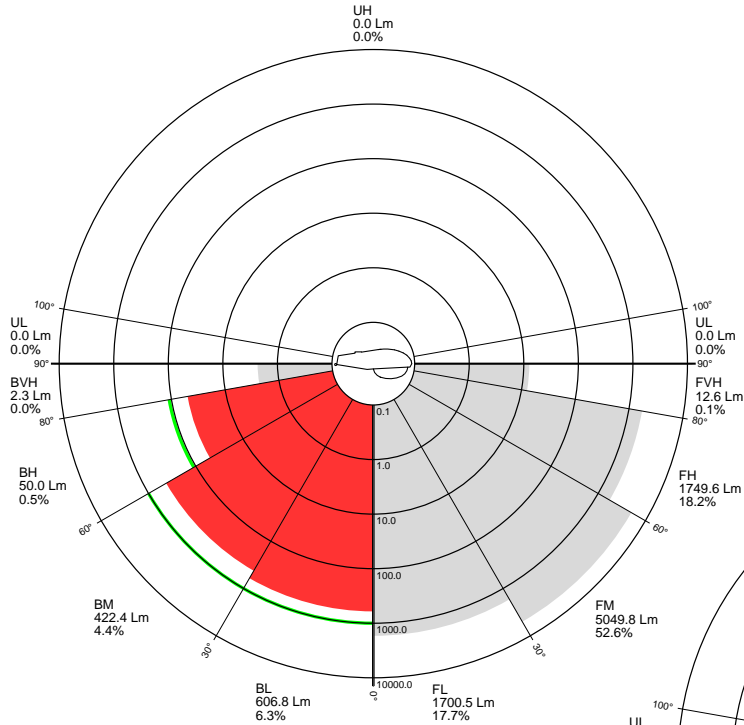


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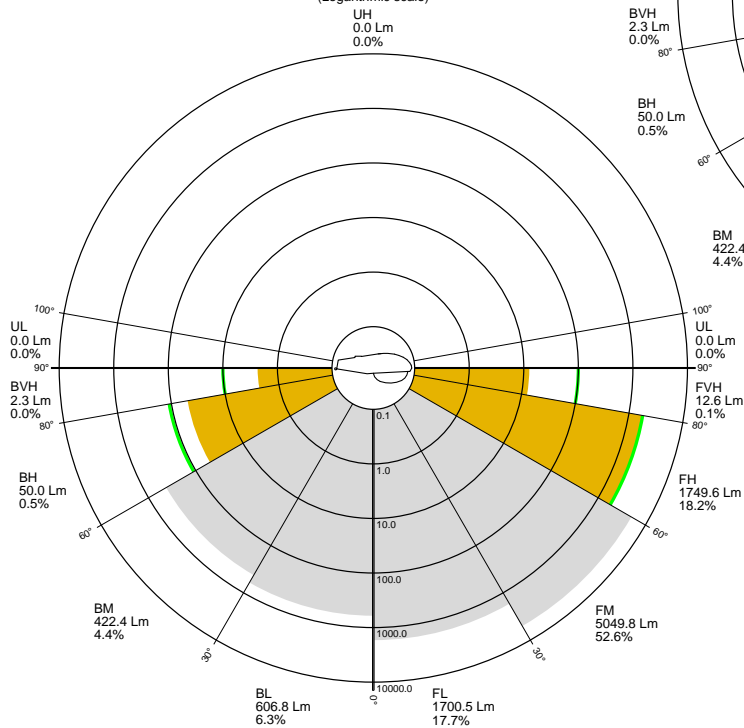
Backlight Rating Details

(Logarithmic scale)



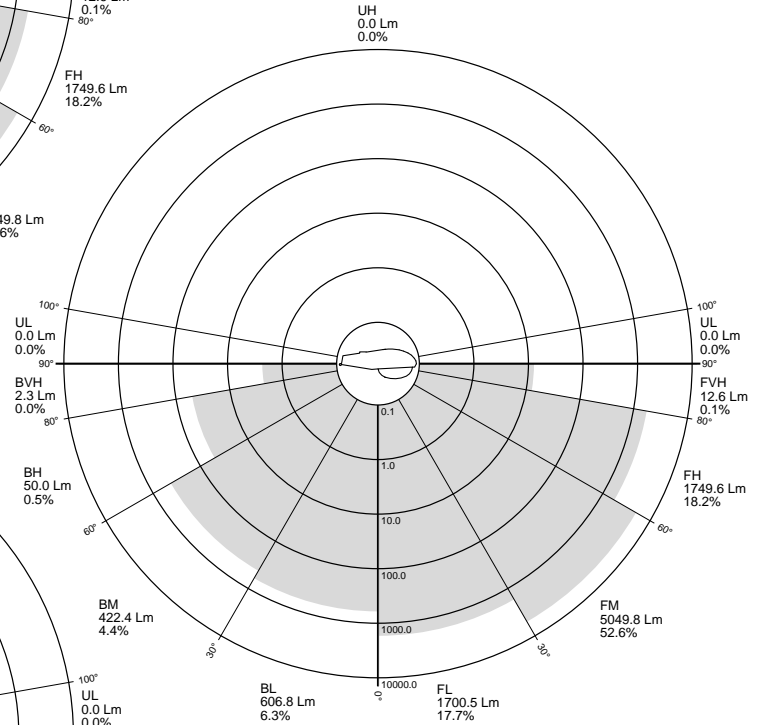
Glare Rating Details

(Logarithmic scale)



Uplight 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	0.	0.	0.	0.	0.	0.	0.	0.	0.
	175.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	165.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	155.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	145.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	135.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	125.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	115.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	105.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	95.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	90.0	0.	0.	0.	0.	0.	0.	0.	0.	0.
	87.5	0.	0.	0.	0.	0.	0.	0.	0.	0.
	85.0	1.	1.	2.	4.	5.	7.	9.	13.	10. 10.
	82.5	16.	16.	16.	20.	21.	20.	31.	105.	54. 11.
V	80.0	38.	43.	46.	71.	73.	123.	217.	265.	117. 13.
E	77.5	129.	135.	140.	237.	384.	617.	565.	421.	232. 31.
R	75.0	446.	507.	593.	844.	1080.	1305.	1056.	726.	386. 94.
T	72.5	1179.	1270.	1378.	1659.	1824.	1961.	1509.	1173.	637. 251.
I	70.0	2067.	2131.	2218.	2409.	2496.	2376.	1978.	1626.	925. 458.
C	67.5	2876.	2927.	2982.	3053.	2916.	2808.	2407.	1950.	1187. 690.
A	65.0	3528.	3551.	3518.	3399.	3306.	3303.	2817.	2211.	1406. 893.
L	62.5	3885.	3906.	3839.	3788.	3769.	3804.	3109.	2420.	1594. 1093.
	60.0	4256.	4288.	4240.	4269.	4325.	4300.	3343.	2582.	1751. 1259.
A	57.5	4759.	4780.	4752.	4805.	4891.	4576.	3537.	2713.	1888. 1411.
N	55.0	5325.	5331.	5282.	5355.	5372.	4767.	3696.	2826.	2031. 1538.
G	52.5	5880.	5888.	5832.	5861.	5561.	4896.	3831.	2925.	2179. 1664.
L	50.0	6311.	6317.	6230.	6077.	5765.	4987.	3944.	3007.	2316. 1781.
E	47.5	6494.	6474.	6363.	6302.	5842.	5048.	4030.	3075.	2452. 1889.
	45.0	6675.	6655.	6557.	6350.	5868.	5052.	4075.	3117.	2589. 1993.
	44.0<<	6697.	6667.	6558.	6354.	5869.	5041.	4076.	3131.	2646. 2035.
	42.5	6665.	6652.	6570.	6347.	5848.	5028.	4069.	3171.	2733. 2104.
	40.0	6694.	6696.	6539.	6269.	5771.	4994.	4055.	3269.	2869. 2219.
	37.5	6650.	6648.	6469.	6137.	5690.	4927.	4017.	3365.	2994. 2341.
	35.0	6563.	6547.	6368.	5999.	5565.	4830.	3972.	3459.	3092. 2455.
	30.0	6237.	6218.	5993.	5637.	5226.	4579.	4030.	3615.	3199. 2636.
	25.0	5647.	5612.	5420.	5100.	4769.	4363.	4006.	3667.	3255. 2765.
	20.0	4905.	4891.	4786.	4636.	4429.	4138.	3901.	3617.	3257. 2847.
	15.0	4341.	4309.	4250.	4186.	4104.	3931.	3732.	3475.	3190. 2887.
	10.0	3921.	3931.	3933.	3855.	3775.	3599.	3459.	3275.	3085. 2893.
	5.0	3393.	3375.	3402.	3339.	3304.	3197.	3140.	3056.	2974. 2877.
	0.0	2856.	2856.	2856.	2856.	2856.	2856.	2856.	2856.	2856.
		PLANE OF MAXIMUM CANDELA								
		CONE OF MAXIMUM CANDELA								

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CANDELA TABULATION

CANDELA TABULATION		LATERAL ANGLE										
HOUSE SIDE		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	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	85.0	10.	10.	9.	9.	8.	7.	5.	4.	3.	2.	2.
	82.5	11.	10.	10.	9.	8.	7.	5.	4.	3.	2.	2.
V	80.0	11.	11.	11.	11.	9.	7.	5.	4.	3.	2.	2.
E	77.5	13.	11.	17.	24.	10.	7.	6.	4.	3.	2.	2.
R	75.0	29.	26.	33.	26.	16.	8.	6.	5.	4.	3.	3.
T	72.5	131.	74.	64.	25.	19.	9.	7.	6.	7.	6.	6.
I	70.0	281.	138.	90.	27.	20.	13.	8.	8.	10.	9.	9.
C	67.5	444.	231.	117.	31.	19.	14.	11.	13.	15.	14.	14.
A	65.0	607.	364.	148.	51.	20.	15.	15.	17.	21.	21.	21.
L	62.5	774.	493.	173.	88.	24.	16.	17.	20.	24.	25.	25.
	60.0	918.	627.	189.	115.	32.	17.	18.	23.	28.	29.	30.
A	57.5	1064.	760.	219.	139.	56.	24.	21.	25.	29.	31.	32.
N	55.0	1197.	891.	277.	160.	93.	35.	27.	28.	30.	32.	32.
G	52.5	1320.	1018.	362.	181.	125.	58.	39.	32.	32.	33.	33.
L	50.0	1440.	1134.	464.	205.	149.	94.	52.	44.	40.	38.	38.
E	47.5	1555.	1238.	564.	219.	170.	128.	80.	56.	55.	54.	54.
	45.0	1664.	1351.	671.	238.	190.	153.	120.	90.	75.	67.	67.
	44.0<<	1706.	1397.	718.	253.	199.	165.	135.	110.	95.	80.	80.
	42.5	1772.	1469.	794.	289.	222.	179.	159.	147.	132.	115.	116.
	40.0	1895.	1592.	938.	393.	255.	215.	206.	207.	205.	192.	194.
	37.5	2021.	1732.	1111.	535.	294.	267.	257.	264.	273.	270.	267.
	35.0	2151.	1872.	1284.	708.	365.	332.	308.	319.	334.	338.	336.
	30.0	2374.	2132.	1611.	1067.	652.	451.	435.	446.	441.	442.	441.
	25.0	2544.	2338.	1901.	1448.	1038.	748.	568.	517.	522.	529.	532.
	20.0	2663.	2499.	2149.	1791.	1449.	1165.	956.	811.	737.	695.	695.
	15.0	2747.	2621.	2357.	2105.	1849.	1633.	1445.	1300.	1209.	1167.	1173.
	10.0	2797.	2714.	2552.	2384.	2230.	2085.	1958.	1872.	1807.	1762.	1778.
	5.0	2828.	2792.	2720.	2650.	2587.	2508.	2441.	2403.	2383.	2334.	2367.
	0.0	2856.	2856.	2856.	2856.	2856.	2856.	2856.	2856.	2856.	2856.	2856.

CONE OF MAXIMUM CANDELA

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5-DEGREE ZONAL LUMEN SUMMARY

0- 5	68
5- 10	204
10- 15	333
15- 20	451
20- 25	566
25- 30	685
30- 35	794
35- 40	881
40- 45	947
45- 50	987
50- 55	974
55- 60	889
60- 65	762
65- 70	595
70- 75	343
75- 80	99
80- 85	14
85- 90	1
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	273
0- 20	1056
0- 30	2307
0- 40	3983
0- 50	5917
0- 60	7780
0- 70	9137
0- 80	9579
0- 90	9594
0-100	9594
0-110	9594
0-120	9594
0-130	9594
0-140	9594
0-150	9594
0-160	9594
0-170	9594
0-180	9594