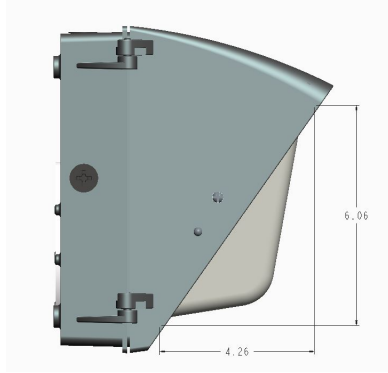


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 16 foot mounting height.



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 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: WP2LED37, WP2LED37/D10
 (STANDARD CUTOFF - PRISMATIC GLASS LENS)

LUMINAIRE: MID SIZED WALLPACK. ALL ALUMINUM PRECISION DIE CAST CONSTRUCTION WITH TEMPERED GLASS REFRACTOR.

LAMP: NINETY WHITE LIGHT EMITTING DIODES (LEDs).

NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.

TOTAL INPUT WATTS = 37.1 W AT 277.0 VAC.

LED DRIVER: RD-042-A0700N

TEST PROCEDURE: IESNA LM-79-08

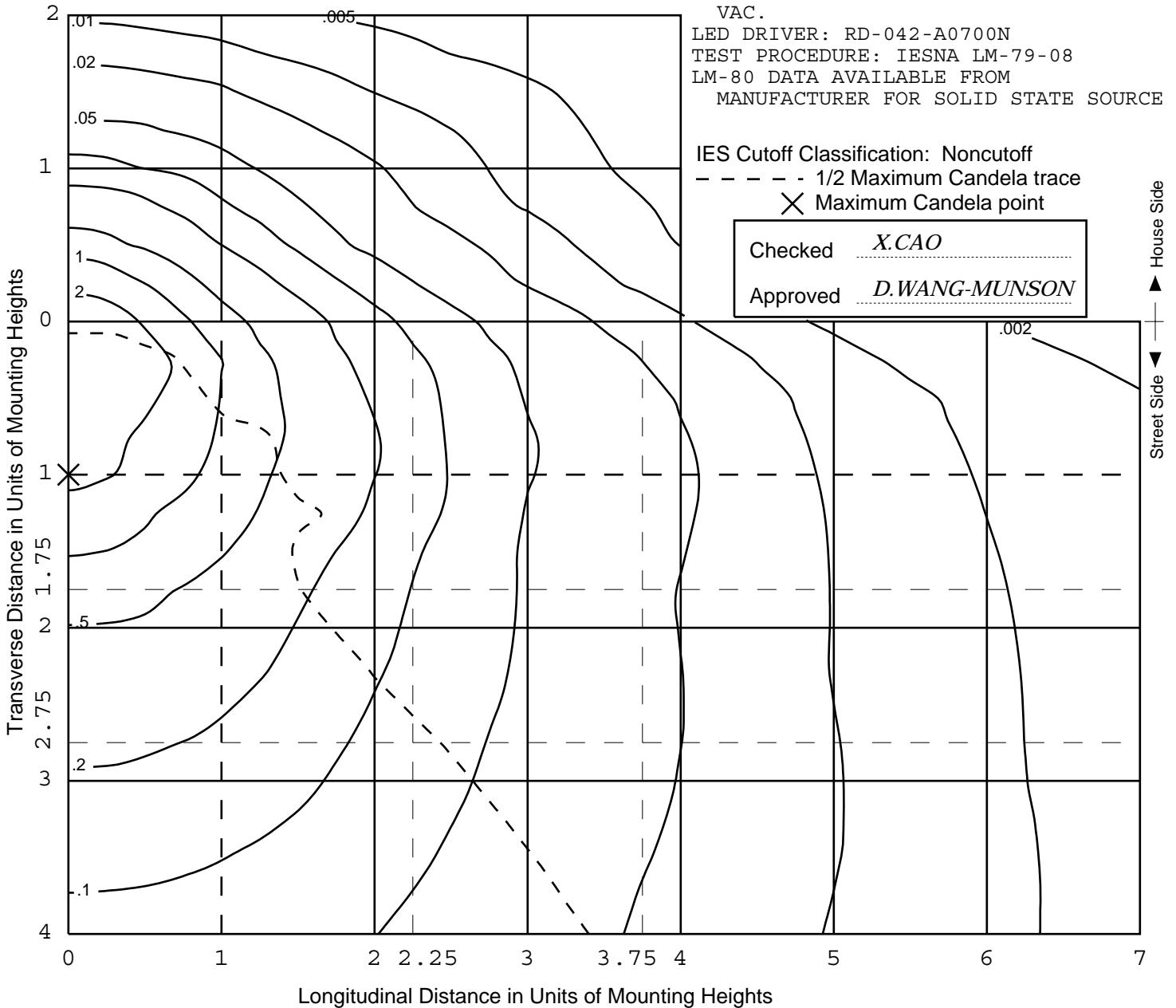
LM-80 DATA AVAILABLE FROM

MANUFACTURER FOR SOLID STATE SOURCE

IES Cutoff Classification: Noncutoff

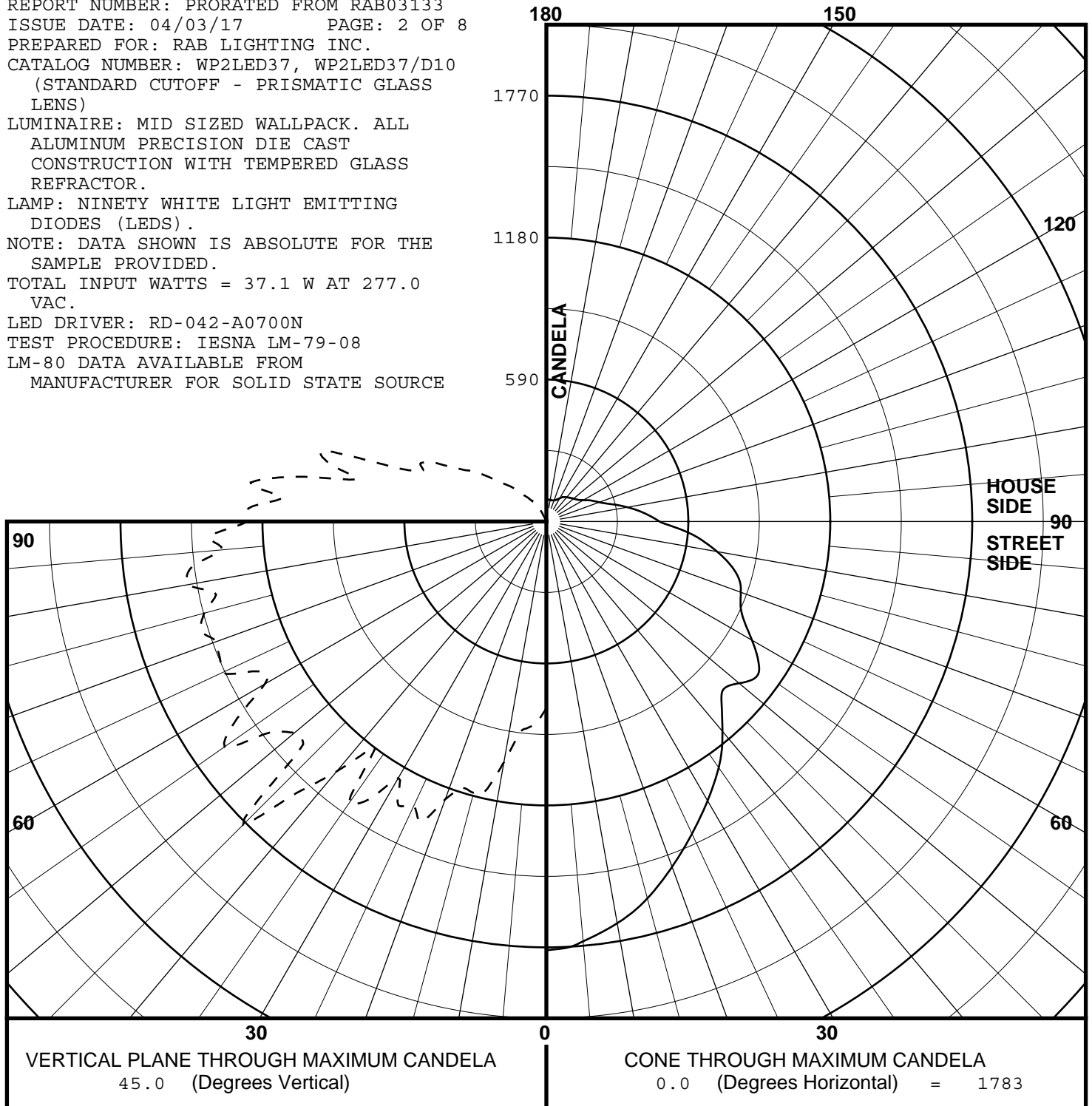
--- 1/2 Maximum Candela trace

× Maximum Candela point



MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

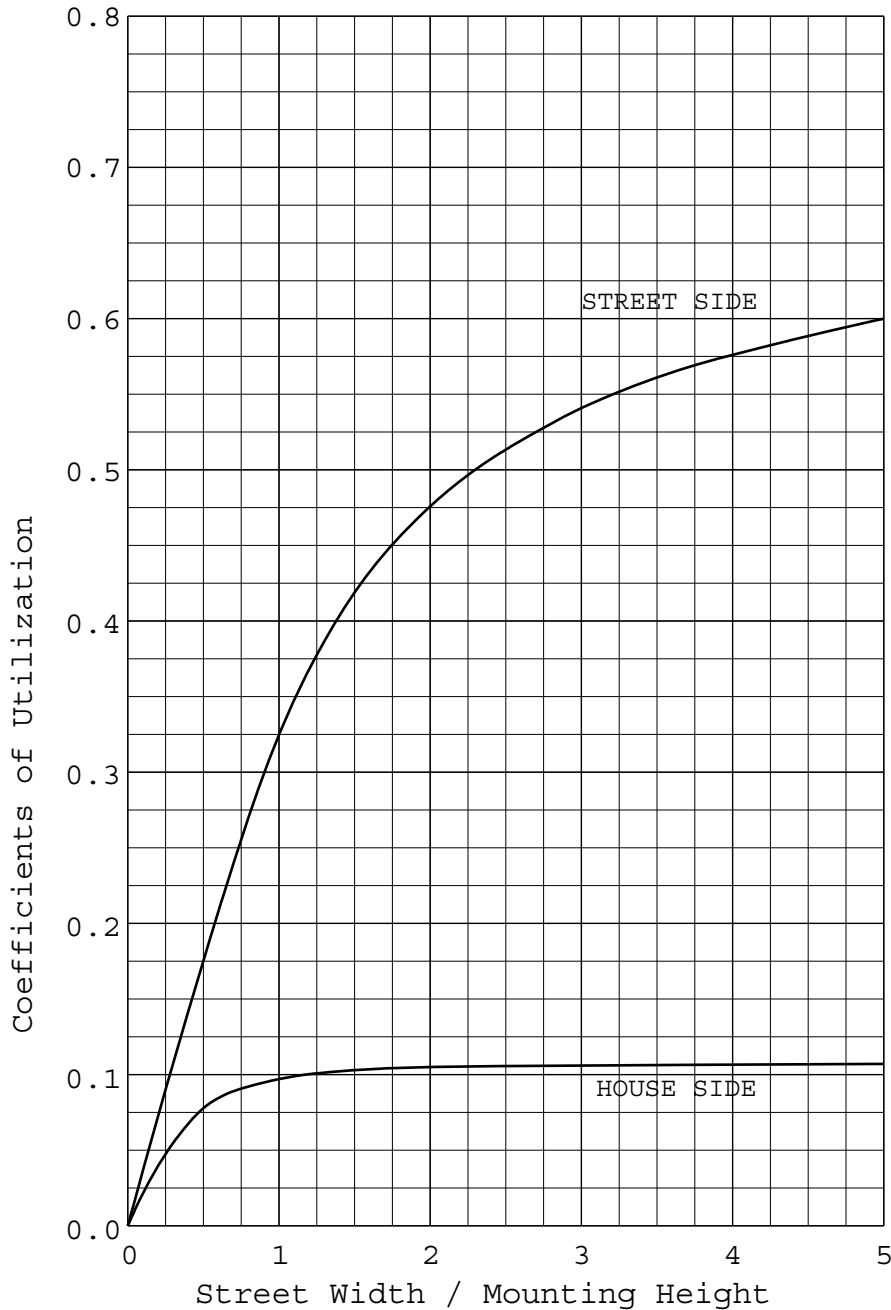
REPORT NUMBER: PRORATED FROM RAB03133
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 LM-80 DATA AVAILABLE FROM MANUFACTURER FOR SOLID STATE SOURCE



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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	3021.	68.9
DOWNWARD HOUSE SIDE	477.	10.9
DOWNWARD TOTAL	3498.	79.7
UPWARD STREET SIDE	861.	19.6
UPWARD HOUSE SIDE	28.	0.6
UPWARD TOTAL	889.	20.3
TOTAL FLUX	4387.	100.0

TOTAL INPUT WATTS = 37.1
 EFFICACY = 118.2 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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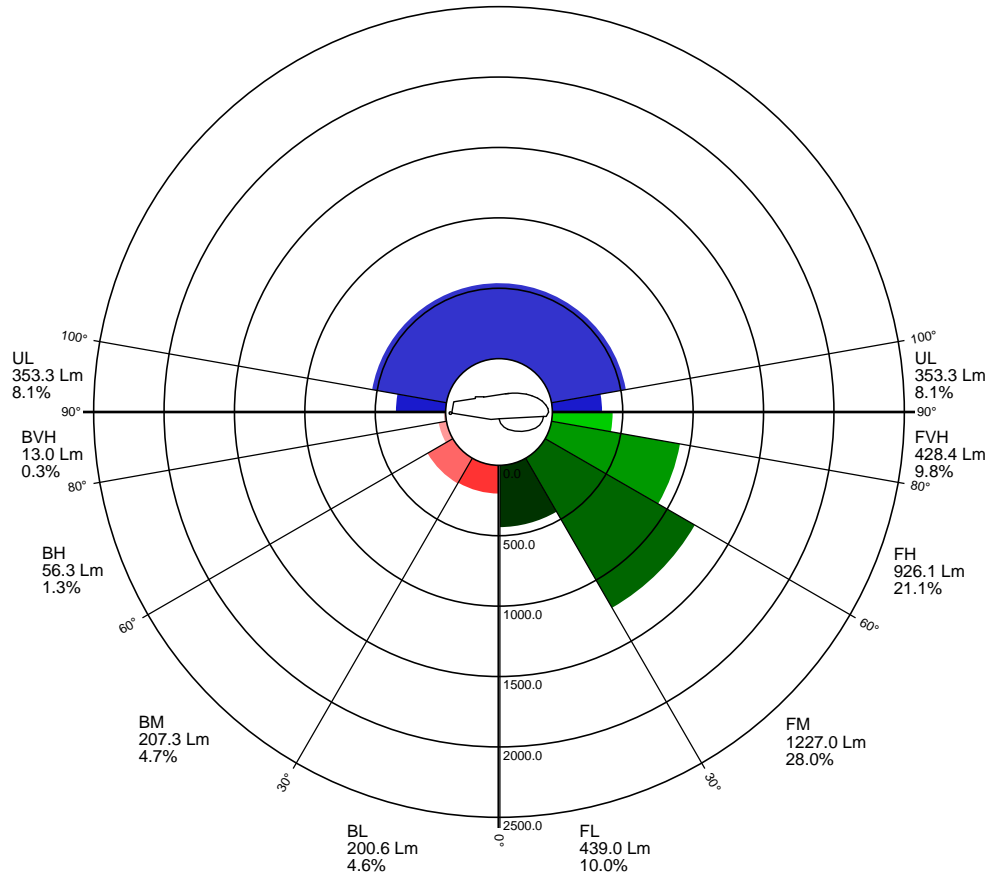
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BUG Rating:				B1 U4 G3		
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		3021	68.9			
FL	(0° - 30°)	439.0	10.0			
FM	(30° - 60°)	1227.0	28.0			
FH	(60° - 80°)	926.1	21.1			G1
FVH	(80° - 90°)	428.4	9.8			G3
Backward		477	10.9			
BL	(0° - 30°)	200.6	4.6	B1		
BM	(30° - 60°)	207.3	4.7	B0		
BH	(60° - 80°)	56.3	1.3	B0		G0
BVH	(80° - 90°)	13.0	0.3			G1
Upward		889	20.3			
UL	(90° - 100°)	353.3	8.1		U3	
UH	(100° - 180°)	536.1	12.2		U4	
Trapped Light		0	0.0			
Total Flux		4387	100.0			

Zonal Lumen Summary

(Linear scale)

UH
536.1 Lm
12.2%

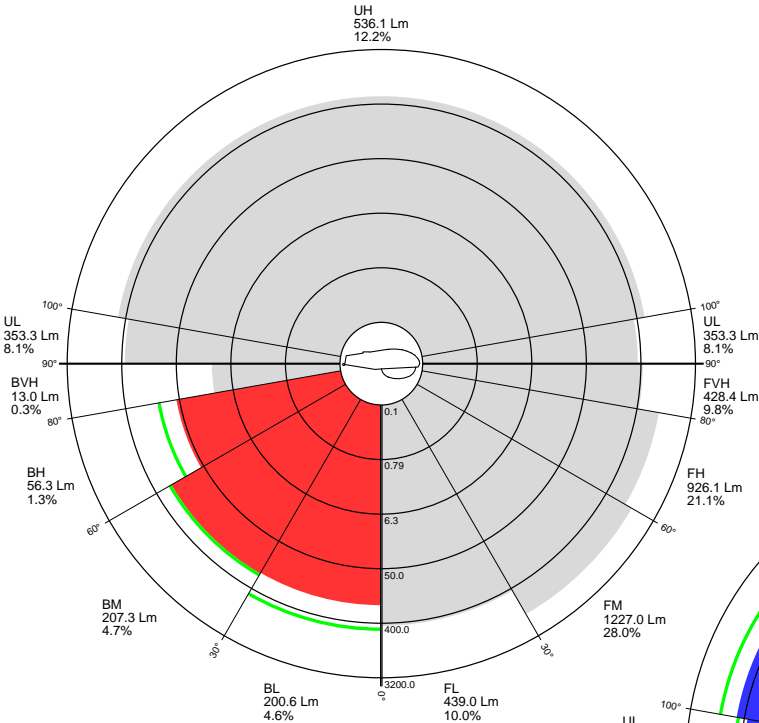


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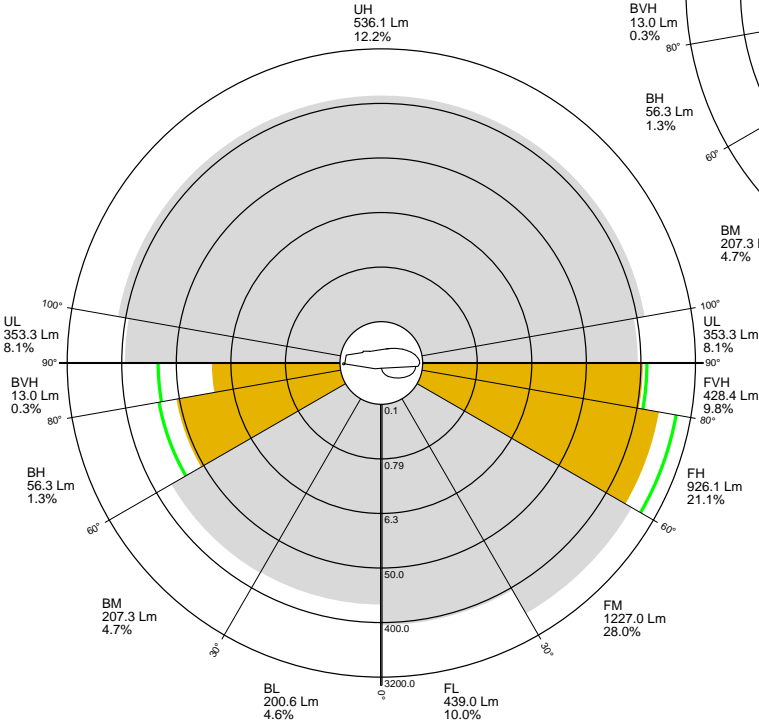
Backlight Rating Details

(Logarithmic scale)



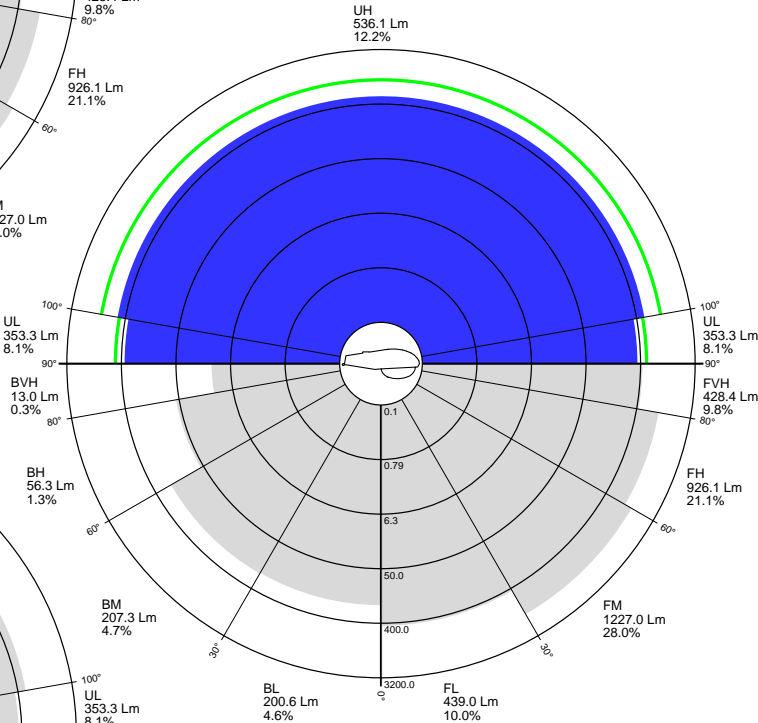
Glare Rating Details

(Logarithmic scale)



Uplight Rating Details

(Logarithmic scale)



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STREET SIDE

0.0 5.0 15.0 25.0 35.0 45.0 55.0 65.0 75.0 85.0

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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.	4.	4.	4.	4.	3.	2.	2.	1.	1.
	165.0	4.	4.	4.	4.	4.	4.	3.	2.	2.	2.	2.
	155.0	4.	4.	4.	4.	4.	4.	3.	3.	2.	2.	2.
	145.0	5.	5.	4.	4.	4.	4.	3.	3.	3.	3.	3.
	135.0	9.	5.	5.	5.	4.	4.	3.	3.	3.	3.	3.
	125.0	17.	15.	7.	6.	5.	4.	3.	3.	3.	3.	3.
	115.0	28.	27.	16.	9.	6.	4.	4.	4.	4.	4.	4.
	105.0	35.	37.	31.	16.	9.	7.	5.	5.	6.	6.	6.
	95.0	30.	42.	44.	31.	15.	9.	6.	6.	7.	7.	7.
	90.0	31.	39.	50.	40.	20.	11.	7.	6.	7.	7.	7.
	87.5	38.	38.	53.	43.	22.	11.	7.	6.	7.	7.	7.
	85.0	56.	42.	55.	46.	24.	12.	7.	6.	7.	7.	7.
V	82.5	86.	49.	59.	48.	26.	13.	7.	6.	6.	6.	6.
E	80.0	123.	61.	63.	51.	28.	14.	7.	5.	6.	6.	6.
R	77.5	168.	81.	67.	55.	30.	15.	7.	5.	5.	5.	5.
T	75.0	210.	107.	71.	61.	35.	17.	8.	4.	5.	5.	5.
I	72.5	250.	137.	76.	66.	40.	24.	10.	4.	4.	4.	4.
C	70.0	285.	169.	82.	72.	47.	31.	17.	7.	4.	4.	3.
A	67.5	309.	200.	91.	78.	54.	38.	26.	17.	14.	10.	11.
L	65.0	329.	226.	105.	86.	62.	45.	34.	26.	21.	21.	21.
	62.5	353.	251.	121.	94.	71.	52.	44.	33.	29.	27.	26.
A	60.0	376.	274.	143.	104.	82.	61.	54.	41.	36.	34.	34.
N	57.5	397.	291.	167.	115.	92.	71.	62.	50.	43.	42.	42.
G	55.0	429.	311.	190.	127.	102.	83.	68.	62.	50.	50.	49.
L	52.5	435.	330.	216.	144.	113.	96.	78.	73.	60.	55.	55.
E	50.0	441.	357.	234.	165.	126.	111.	91.	77.	74.	66.	64.
	47.5	446.	373.	258.	185.	141.	125.	109.	84.	84.	81.	79.
	45.0<<	470.	407.	278.	206.	159.	140.	125.	101.	91.	91.	90.
	42.5	484.	429.	307.	230.	178.	156.	143.	121.	106.	99.	99.
	40.0	504.	448.	338.	251.	199.	175.	162.	143.	127.	115.	114.
	37.5	541.	486.	367.	279.	217.	192.	180.	164.	151.	139.	138.
	35.0	569.	521.	410.	311.	239.	209.	197.	186.	178.	171.	170.
	30.0	629.	584.	483.	384.	294.	251.	229.	222.	222.	221.	221.
	25.0	681.	650.	559.	466.	371.	310.	276.	255.	252.	246.	246.
	20.0	718.	706.	640.	572.	477.	409.	363.	320.	310.	297.	301.
	15.0	763.	747.	704.	661.	617.	527.	493.	454.	433.	419.	420.
	10.0	764.	758.	740.	708.	712.	677.	650.	623.	603.	581.	587.
	5.0	782.	776.	785.	793.	758.	733.	731.	737.	742.	743.	744.
	0.0	776.	776.	776.	776.	776.	776.	776.	776.	776.	776.	776.

CONE OF MAXIMUM CANDELA

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5-DEGREE ZONAL LUMEN SUMMARY

0- 5	19
5- 10	57
10- 15	95
15- 20	128
20- 25	158
25- 30	183
30- 35	206
35- 40	218
40- 45	240
45- 50	254
50- 55	253
55- 60	264
60- 65	252
65- 70	250
70- 75	243
75- 80	238
80- 85	229
85- 90	212
90- 95	187
95-100	166
100-105	134
105-110	115
110-115	82
115-120	65
120-125	48
125-130	34
130-135	23
135-140	15
140-145	9
145-150	6
150-155	2
155-160	1
160-165	1
165-170	0
170-175	0
175-180	0

10-DEGREE ZONAL LUMEN SUMMARY

0- 10	76
0- 20	298
0- 30	640
0- 40	1064
0- 50	1557
0- 60	2074
0- 70	2576
0- 80	3056
0- 90	3498
0-100	3851
0-110	4100
0-120	4248
0-130	4329
0-140	4368
0-150	4383
0-160	4386
0-170	4387
0-180	4387