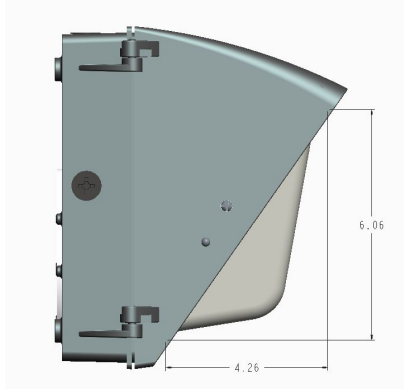


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 18 foot mounting height.

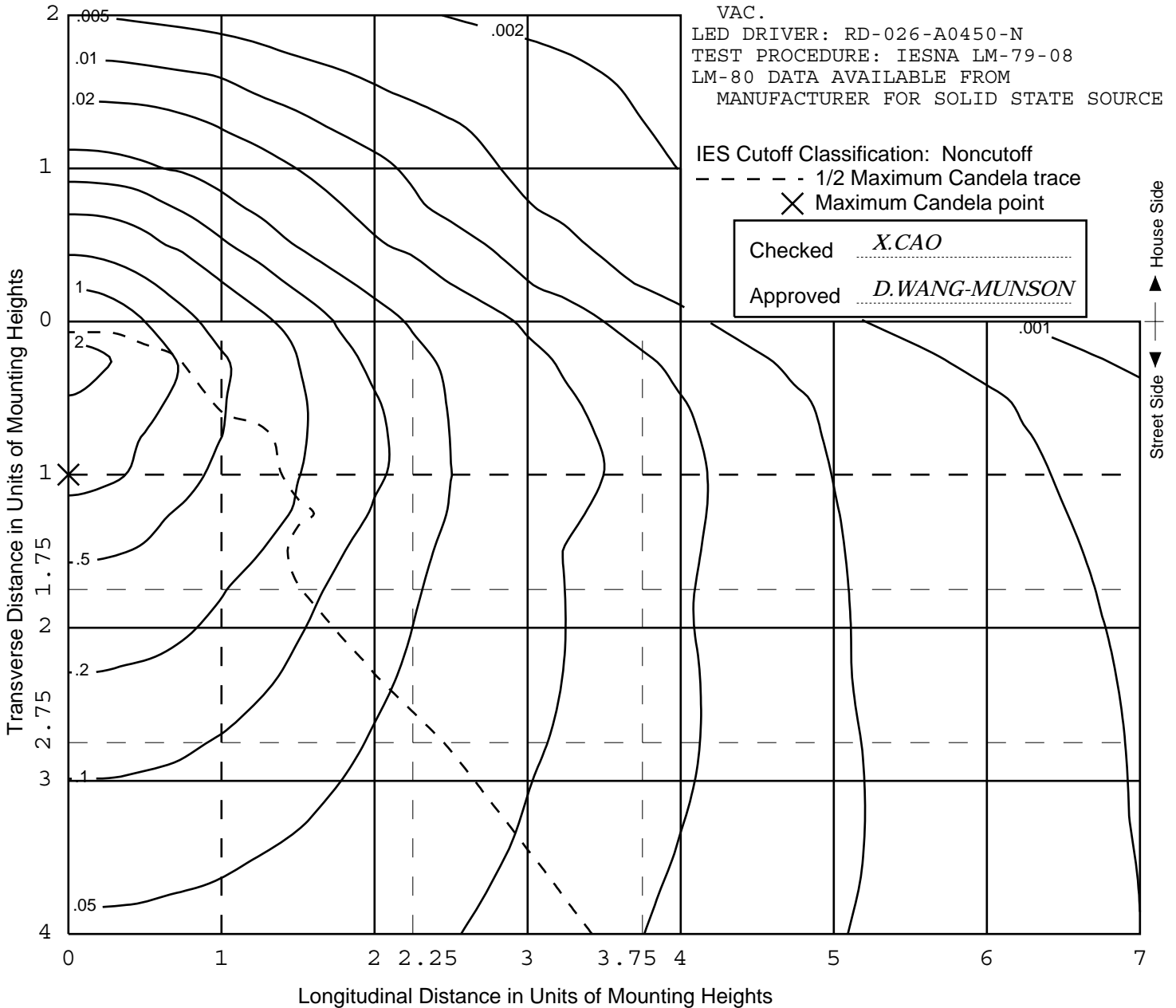


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 ISSUE DATE: 03/31/17 PAGE: 1 OF 8
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: WP2LED24/347 (STANDARD CUTOFF - PRISMATIC GLASS LENS)
 LUMINAIRE: MID SIZED WALLPACK. ALL ALUMINUM PRECISION DIE CAST CONSTRUCTION WITH TEMPERED GLASS REFRACTOR.
 LAMP: NINETY WHITE LIGHT EMITTING DIODES (LEDs).
 NOTE: THIS REPORT WAS PRORATED FROM RAB03131 WHICH WAS WP2LED24N/347. ACTUAL PERFORMANCE MAY VARY.
 TOTAL INPUT WATTS = 25.8 W AT 347.0 VAC.

LED DRIVER: RD-026-A0450-N
 TEST PROCEDURE: IESNA LM-79-08
 LM-80 DATA AVAILABLE FROM MANUFACTURER FOR SOLID STATE SOURCE

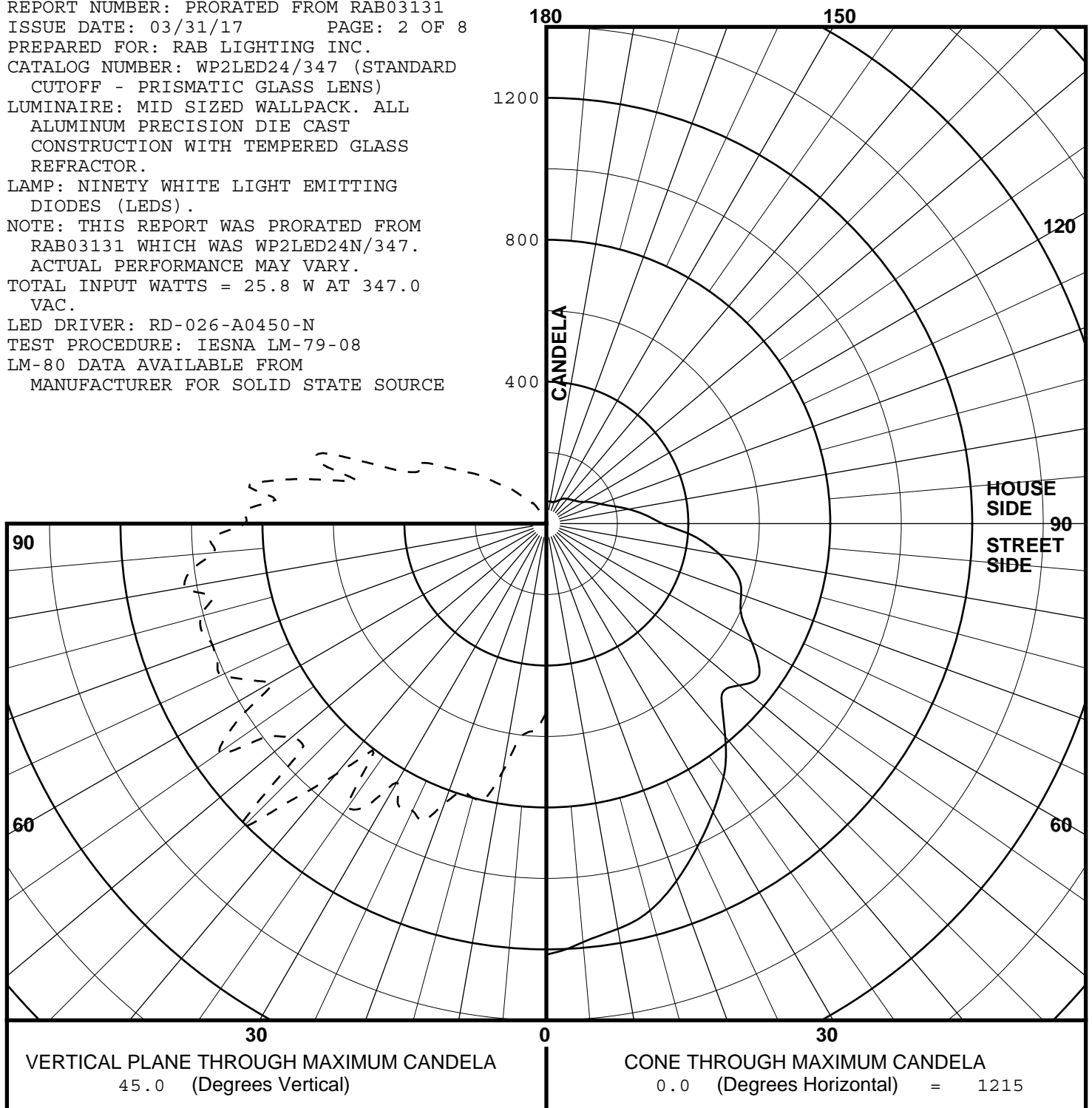
IES Cutoff Classification: Noncutoff

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



MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

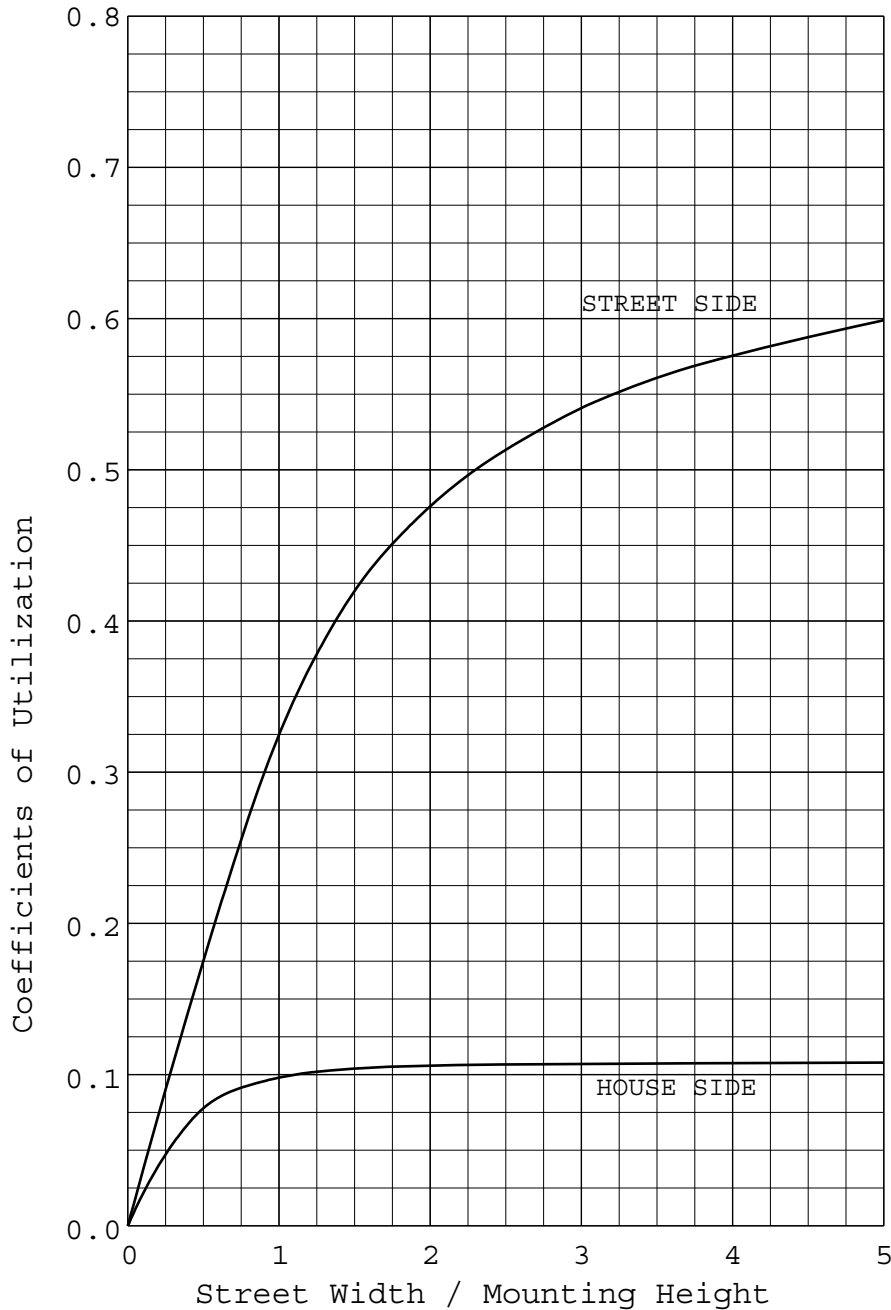
REPORT NUMBER: PRORATED FROM RAB03131
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 PREPARED FOR: RAB LIGHTING INC.
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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	2068.	68.8
DOWNWARD HOUSE SIDE	330.	11.0
DOWNWARD TOTAL	2398.	79.8
UPWARD STREET SIDE	587.	19.5
UPWARD HOUSE SIDE	19.	0.6
UPWARD TOTAL	607.	20.2
TOTAL FLUX	3005.	100.0

TOTAL INPUT WATTS = 25.8
 EFFICACY = 116.5 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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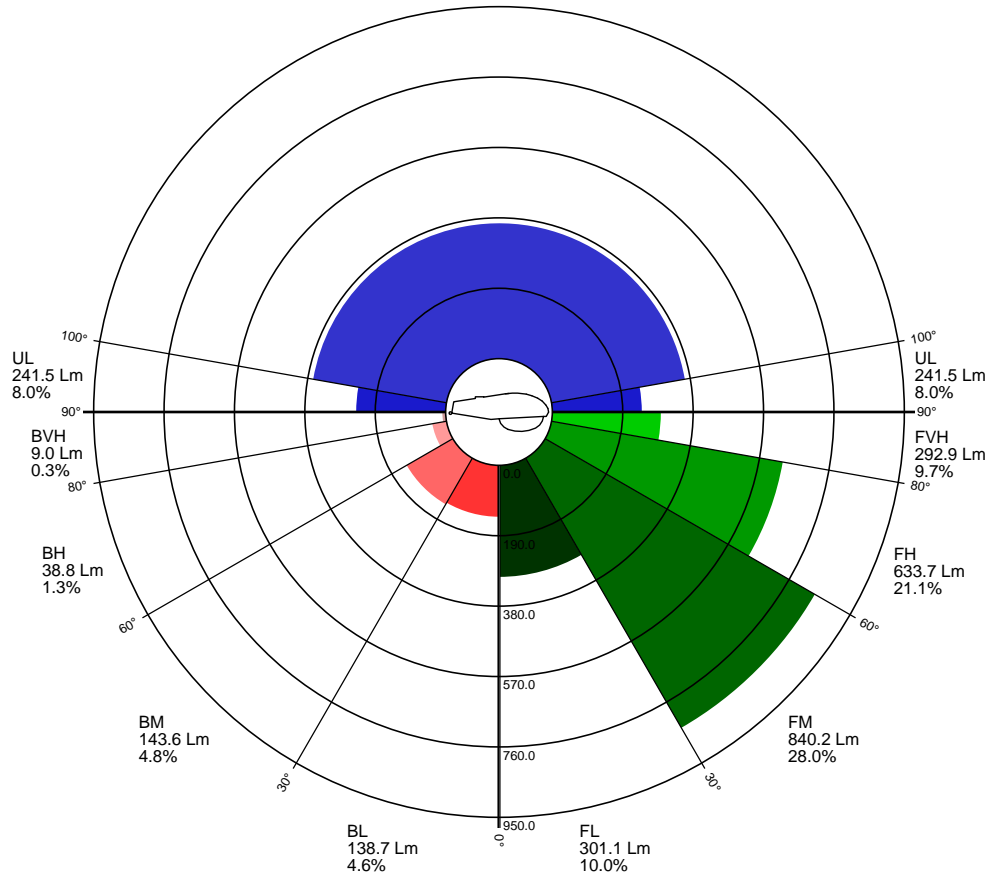
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BUG Rating:				B1 U3 G3		
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		2068	68.8			
FL	(0° - 30°)	301.1	10.0			
FM	(30° - 60°)	840.2	28.0			
FH	(60° - 80°)	633.7	21.1			G0
FVH	(80° - 90°)	292.9	9.7			G3
Backward		330	11.0			
BL	(0° - 30°)	138.7	4.6	B1		
BM	(30° - 60°)	143.6	4.8	B0		
BH	(60° - 80°)	38.8	1.3	B0		G0
BVH	(80° - 90°)	9.0	0.3			G0
Upward		607	20.2			
UL	(90° - 100°)	241.5	8.0		U3	
UH	(100° - 180°)	365.3	12.2		U3	
Trapped Light		0	0.0			
Total Flux		3005	100.0			

Zonal Lumen Summary

(Linear scale)

UH
365.3 Lm
12.2%

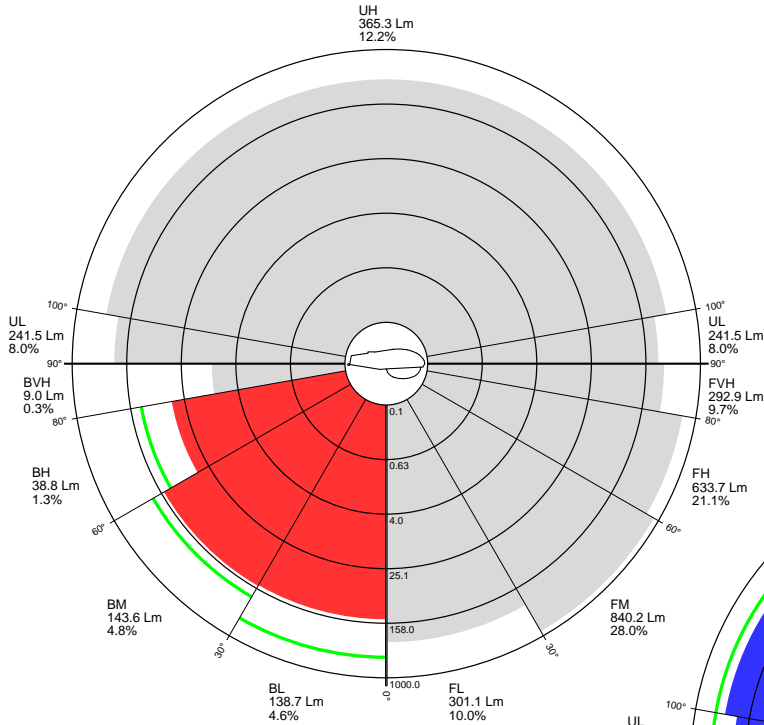


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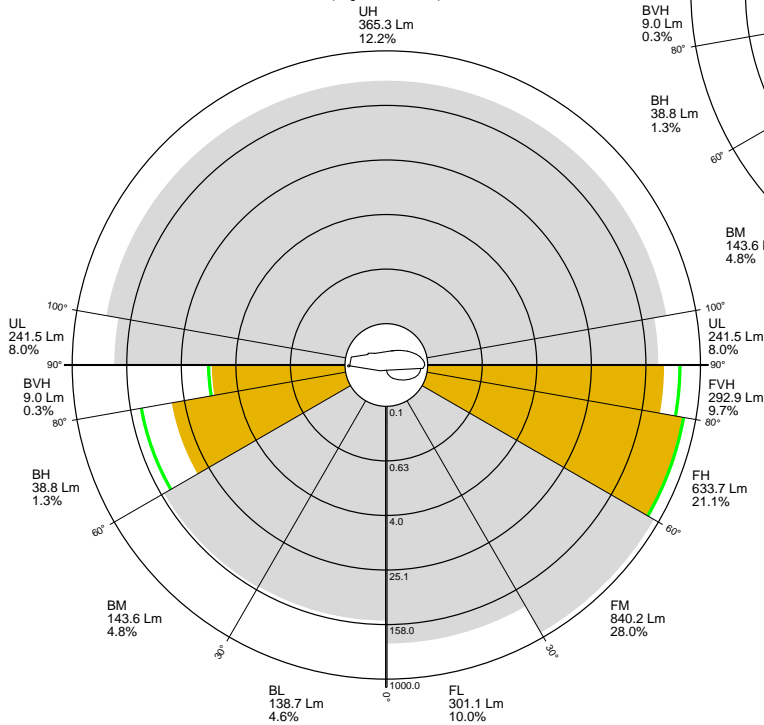
Backlight Rating Details

(Logarithmic scale)



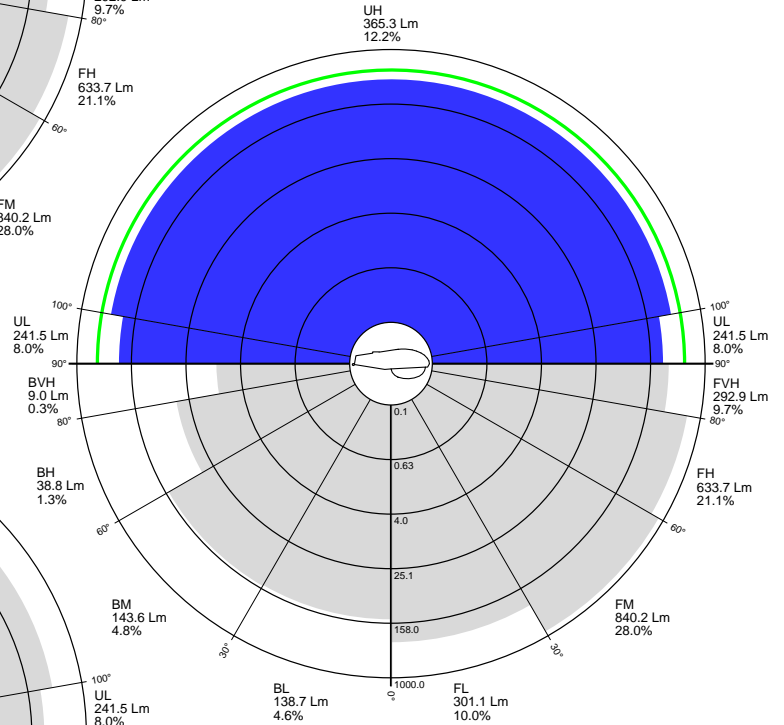
Glare Rating Details

(Logarithmic scale)



Uplight Rating Details

(Logarithmic scale)



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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	2.	2.	2.	2.	2.	2.	2.	2.	2.
	175.0	0.	0.	1.	1.	2.	2.	2.	3.	3.
	165.0	0.	0.	1.	1.	2.	2.	2.	3.	3.
	155.0	13.	11.	9.	6.	4.	2.	2.	3.	3.
	145.0	71.	69.	65.	56.	34.	17.	6.	3.	4.
	135.0	136.	132.	134.	110.	85.	51.	29.	12.	7.
	125.0	244.	240.	239.	199.	159.	111.	62.	31.	16.
	115.0	401.	403.	378.	311.	242.	207.	125.	64.	28.
	105.0	658.	668.	567.	456.	378.	318.	211.	135.	49.
	95.0	768.	770.	714.	666.	520.	427.	325.	211.	124.
	90.0	849.	861.	803.	774.	621.	478.	367.	247.	169.
	87.5	946.	951.	929.	792.	656.	481.	380.	264.	186.
	85.0	942.	950.	876.	818.	660.	513.	397.	278.	207.
V	82.5	1010.	1021.	972.	861.	677.	515.	413.	296.	222.
E	80.0	1035.	1036.	963.	839.	688.	535.	431.	304.	233.
R	77.5	964.	982.	953.	878.	707.	544.	436.	314.	266.
T	75.0	1009.	1014.	959.	863.	714.	557.	437.	321.	350.
I	72.5	1017.	1025.	993.	870.	687.	557.	441.	337.	352.
C	70.0	1001.	1008.	953.	849.	695.	545.	442.	406.	305.
A	67.5	1004.	1004.	970.	851.	681.	562.	492.	503.	363.
L	65.0	1010.	1023.	986.	856.	667.	563.	587.	525.	431.
	62.5	953.	958.	927.	815.	715.	698.	573.	463.	386.
A	60.0	895.	897.	904.	891.	823.	723.	606.	490.	370.
N	57.5	1031.	1015.	1051.	940.	807.	641.	651.	549.	427.
G	55.0	1127.	1105.	1031.	894.	761.	684.	732.	544.	481.
L	52.5	985.	987.	935.	837.	753.	763.	647.	530.	470.
E	50.0	939.	934.	870.	848.	881.	840.	625.	520.	430.
	47.5	929.	917.	990.	995.	951.	730.	662.	577.	492.
	45.0<<	1215.	1185.	1130.	1006.	871.	698.	734.	606.	557.
	42.5	1051.	1044.	968.	933.	736.	726.	681.	629.	591.
	40.0	924.	918.	878.	795.	818.	819.	687.	661.	566.
	37.5	805.	796.	807.	858.	867.	738.	708.	679.	559.
	35.0	977.	959.	953.	944.	835.	709.	774.	729.	585.
	30.0	842.	839.	832.	813.	822.	841.	748.	714.	592.
	25.0	893.	878.	856.	866.	810.	805.	782.	684.	557.
	20.0	839.	831.	864.	828.	796.	809.	733.	654.	556.
	15.0	800.	809.	801.	829.	767.	737.	675.	582.	589.
	10.0	711.	710.	693.	680.	664.	616.	587.	582.	573.
	5.0	591.	591.	589.	590.	597.	619.	610.	577.	571.
	0.0	534.	534.	534.	534.	534.	534.	534.	534.	534.
		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
V E R T I C A L A N G L E	180.0	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	175.0	3.	3.	3.	3.	3.	2.	2.	1.	1.	1.	1.
	165.0	3.	3.	3.	3.	3.	2.	2.	2.	1.	1.	1.
	155.0	3.	3.	3.	3.	3.	3.	2.	2.	2.	2.	2.
	145.0	4.	3.	3.	3.	3.	3.	2.	2.	2.	2.	2.
	135.0	5.	4.	3.	3.	3.	3.	2.	2.	2.	2.	2.
	125.0	10.	9.	6.	4.	3.	3.	2.	2.	2.	2.	2.
	115.0	18.	18.	12.	6.	4.	3.	3.	2.	3.	3.	3.
	105.0	24.	25.	21.	11.	6.	4.	3.	3.	4.	4.	4.
	95.0	21.	29.	31.	22.	10.	6.	4.	4.	5.	5.	5.
	90.0	21.	27.	35.	28.	14.	7.	5.	5.	5.	5.	5.
	87.5	26.	26.	36.	30.	15.	8.	5.	4.	5.	5.	5.
	85.0	39.	29.	38.	31.	17.	9.	5.	4.	5.	5.	5.
	82.5	60.	34.	41.	33.	18.	9.	5.	4.	4.	4.	4.
	80.0	85.	42.	43.	35.	19.	10.	5.	3.	4.	4.	4.
	77.5	117.	55.	46.	38.	21.	10.	5.	3.	3.	4.	3.
	75.0	146.	73.	48.	42.	24.	12.	5.	3.	3.	3.	3.
	72.5	173.	94.	52.	45.	28.	17.	6.	3.	3.	3.	3.
	70.0	197.	116.	56.	49.	32.	22.	12.	5.	2.	2.	3.
	67.5	213.	139.	63.	54.	37.	26.	18.	12.	10.	8.	8.
	65.0	226.	157.	72.	59.	43.	31.	24.	18.	15.	15.	15.
	62.5	243.	173.	82.	64.	49.	36.	30.	23.	20.	19.	18.
	60.0	258.	190.	97.	71.	57.	42.	38.	29.	25.	24.	23.
	57.5	273.	201.	115.	79.	63.	49.	43.	35.	30.	29.	29.
55.0	296.	214.	131.	87.	70.	57.	47.	43.	35.	34.	34.	
52.5	305.	227.	148.	98.	77.	66.	53.	50.	42.	38.	38.	
50.0	309.	246.	162.	114.	86.	76.	62.	53.	51.	46.	45.	
47.5	312.	257.	179.	128.	97.	86.	74.	59.	58.	56.	55.	
45.0<<	327.	280.	193.	143.	110.	96.	86.	70.	63.	63.	62.	
42.5	338.	299.	212.	160.	123.	110.	98.	84.	73.	69.	68.	
40.0	354.	315.	234.	175.	138.	122.	112.	101.	87.	80.	78.	
37.5	378.	340.	255.	193.	150.	133.	125.	114.	105.	98.	95.	
35.0	395.	363.	284.	215.	164.	146.	136.	130.	123.	120.	118.	
30.0	433.	403.	337.	266.	204.	175.	159.	154.	153.	153.	153.	
25.0	465.	445.	387.	328.	258.	215.	191.	177.	174.	170.	170.	
20.0	493.	482.	442.	394.	337.	282.	250.	225.	213.	208.	205.	
15.0	527.	511.	482.	456.	422.	369.	344.	323.	301.	294.	291.	
10.0	525.	519.	511.	486.	488.	470.	447.	433.	416.	408.	406.	
5.0	543.	533.	536.	545.	525.	504.	501.	502.	506.	509.	509.	
0.0	534.	534.	534.	534.	534.	534.	534.	534.	534.	534.	534.	

CONE OF MAXIMUM CANDELA

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5-DEGREE ZONAL LUMEN SUMMARY

0- 5	13
5- 10	39
10- 15	65
15- 20	88
20- 25	109
25- 30	126
30- 35	141
35- 40	150
40- 45	165
45- 50	174
50- 55	174
55- 60	180
60- 65	173
65- 70	170
70- 75	166
75- 80	163
80- 85	157
85- 90	145
90- 95	128
95-100	114
100-105	91
105-110	79
110-115	56
115-120	45
120-125	32
125-130	23
130-135	16
135-140	10
140-145	6
145-150	4
150-155	2
155-160	1
160-165	0
165-170	0
170-175	0
175-180	0

10-DEGREE ZONAL LUMEN SUMMARY

0- 10	52
0- 20	205
0- 30	440
0- 40	731
0- 50	1070
0- 60	1424
0- 70	1767
0- 80	2096
0- 90	2398
0-100	2639
0-110	2810
0-120	2910
0-130	2966
0-140	2991
0-150	3002
0-160	3004
0-170	3005
0-180	3005