

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 15 foot mounting height.



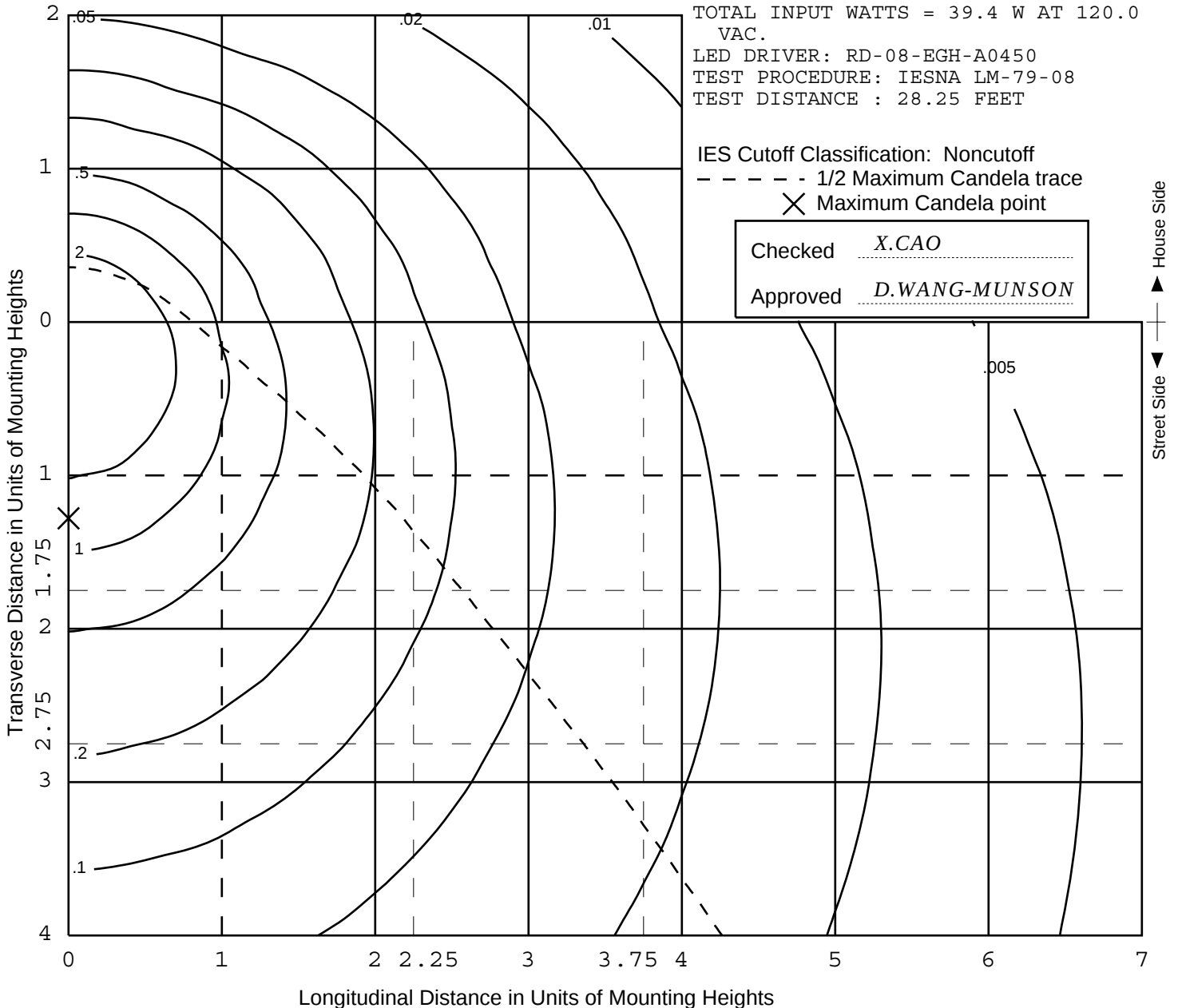
REPORT NUMBER: PRORATED FROM RAB02227
 ISSUE DATE: 08/01/16 PAGE: 1 OF 8
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: BRISKXL40Y
 LUMINAIRE: CAST BROWN PAINTED METAL
 HOUSING, FORMED SPECULAR PAINTED
 REFLECTOR, 1 WHITE CIRCUIT BOARD WITH
 77 LEDS, MOLDED FROSTED PLASTIC LENS.
 LAMP: SEVENTY SEVEN WHITE LIGHT
 EMITTING DIODES (LEDs), TILTED
 30-DEGREE FROM VERTICAL BASE-UP
 POSITION.
 NOTE: THIS REPORT WAS PRORATED FROM
 RAB02227 WHICH WAS BRISKXL40. ACTUAL
 PERFORMANCE MAY VARY.

TOTAL INPUT WATTS = 39.4 W AT 120.0
 VAC.

LED DRIVER: RD-08-EGH-A0450
 TEST PROCEDURE: IESNA LM-79-08
 TEST DISTANCE : 28.25 FEET

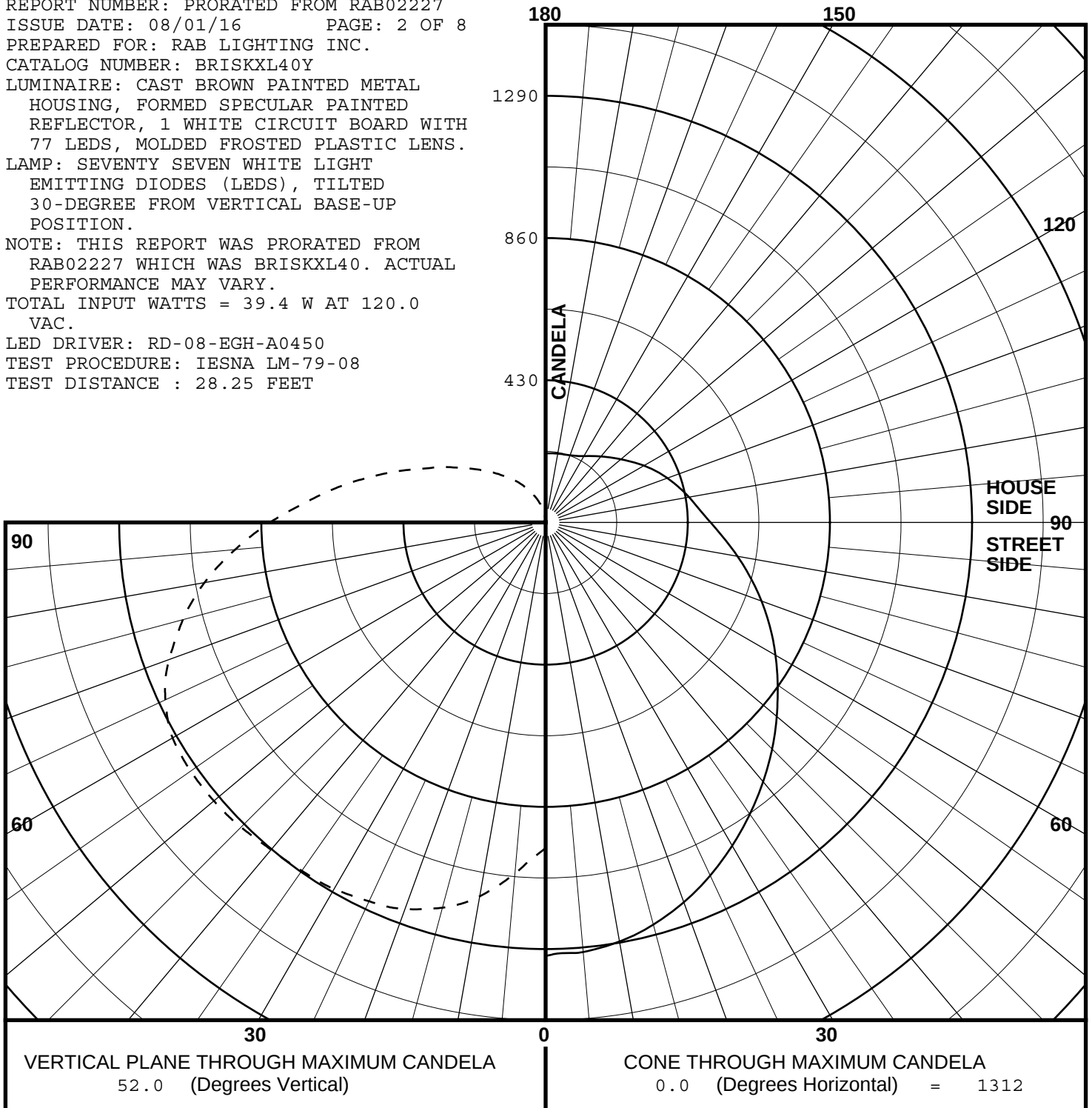
IES Cutoff Classification: Noncutoff

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



MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

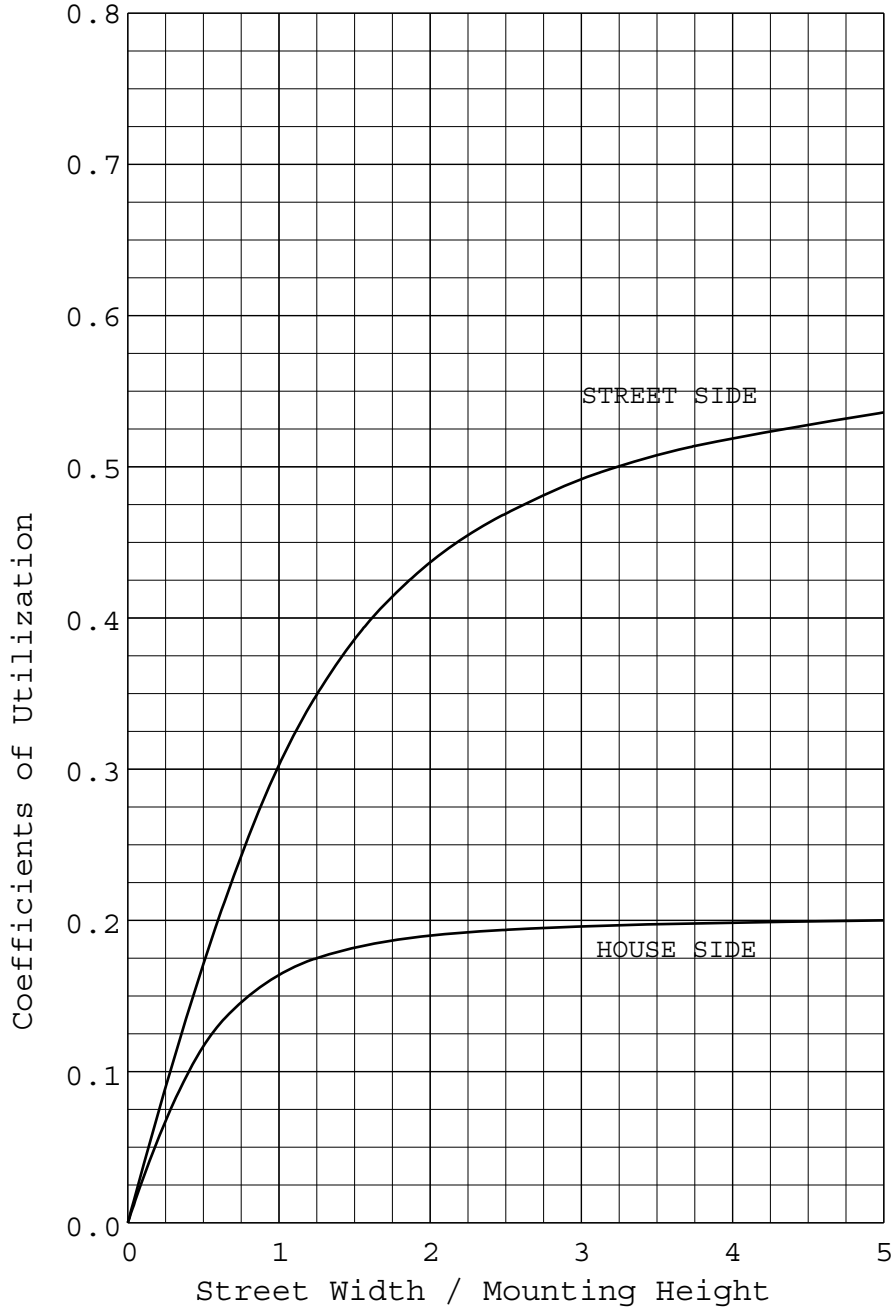
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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	2744.	59.8
DOWNWARD HOUSE SIDE	937.	20.4
DOWNWARD TOTAL	3681.	80.2
UPWARD STREET SIDE	796.	17.4
UPWARD HOUSE SIDE	111.	2.4
UPWARD TOTAL	907.	19.8
TOTAL FLUX	4588.	100.0
TOTAL INPUT WATTS = 39.4		
EFFICACY = 116.4 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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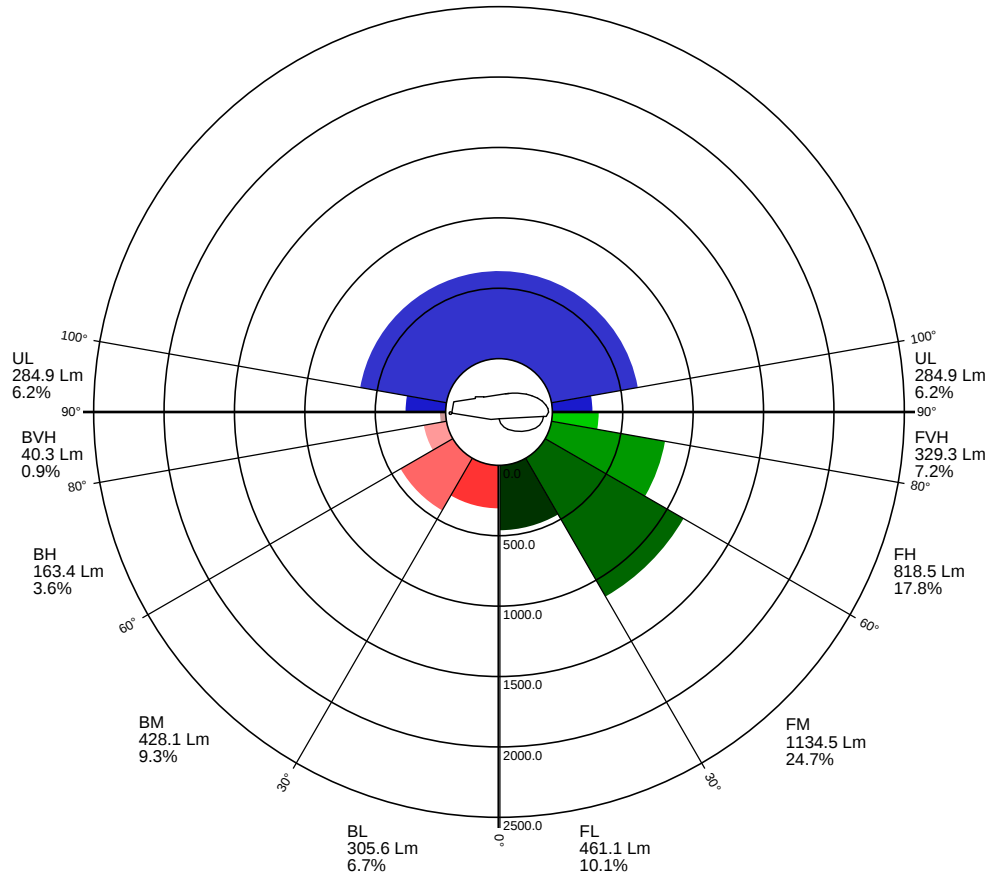
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BUG Rating:				B1 U4 G3		
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		2744	59.8			
FL	(0° - 30°)	461.1	10.1			
FM	(30° - 60°)	1134.5	24.7			
FH	(60° - 80°)	818.5	17.8			G1
FVH	(80° - 90°)	329.3	7.2			G3
Backward		937	20.4			
BL	(0° - 30°)	305.6	6.7	B1		
BM	(30° - 60°)	428.1	9.3	B1		
BH	(60° - 80°)	163.4	3.6	B1		G1
BVH	(80° - 90°)	40.3	0.9			G1
Upward		907	19.8			
UL	(90° - 100°)	284.9	6.2		U3	
UH	(100° - 180°)	622.2	13.6		U4	
Trapped Light		0	0.0			
Total Flux		4588	100.0			

Zonal Lumen Summary

(Linear scale)

UH
622.2 Lm
13.6%

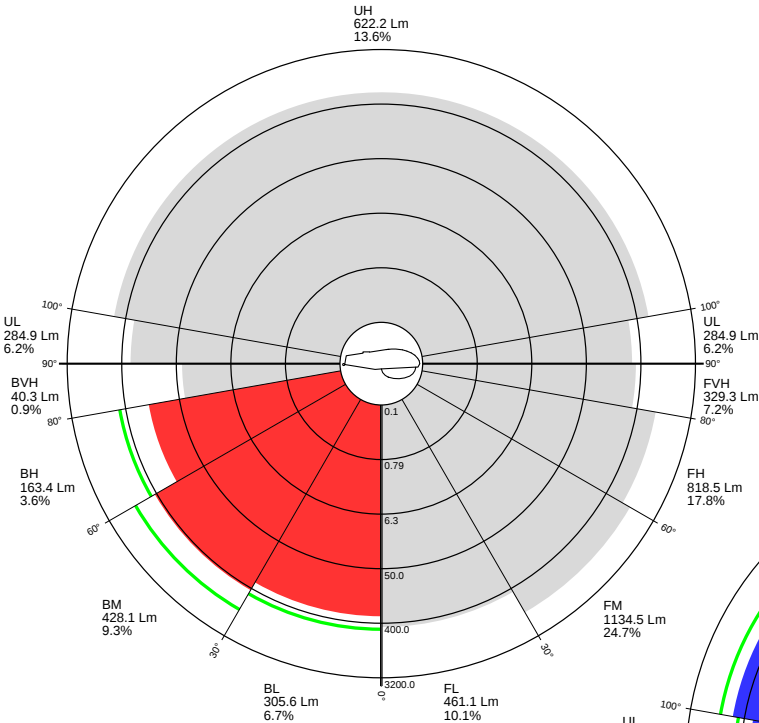


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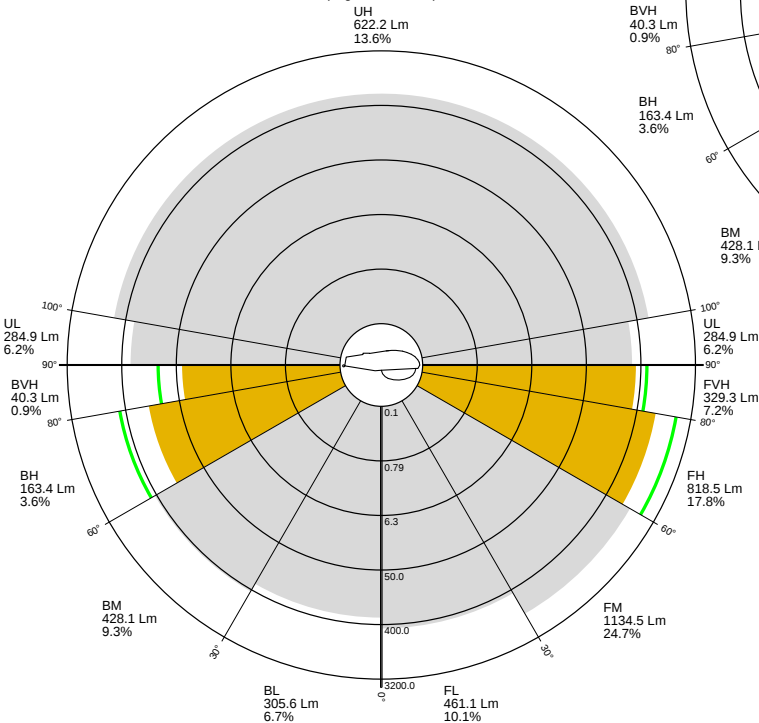
Backlight Rating Details

(Logarithmic scale)



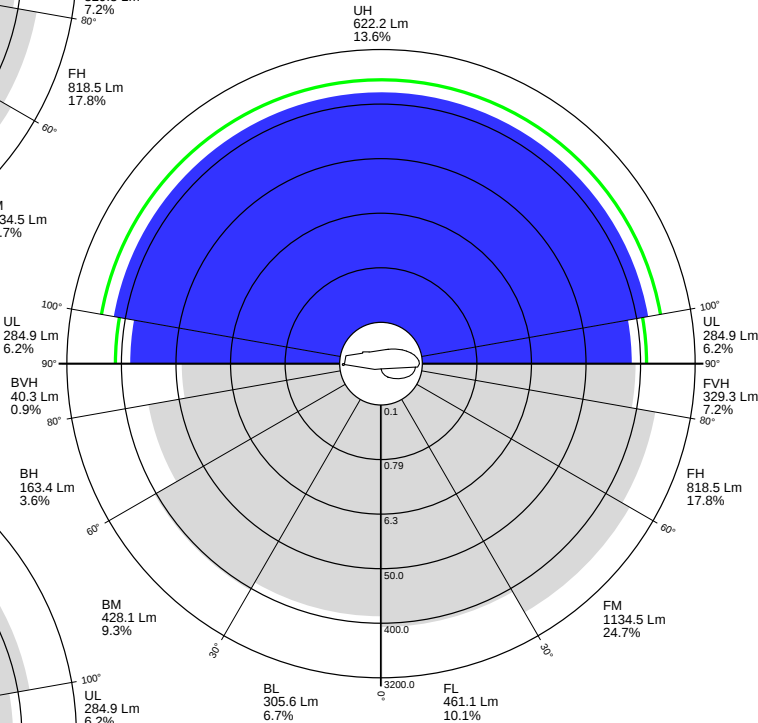
Glare Rating Details

(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

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
VERTICAL ANGLE	180.0	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	175.0	4.	4.	3.	3.	3.	2.	2.	1.	1.	1.	1.
	165.0	10.	9.	8.	8.	7.	6.	3.	2.	1.	1.	1.
	155.0	15.	14.	19.	20.	18.	12.	7.	3.	2.	2.	1.
	145.0	48.	42.	36.	35.	27.	18.	10.	4.	2.	2.	2.
	135.0	66.	59.	54.	47.	35.	23.	12.	5.	2.	2.	2.
	125.0	87.	81.	70.	57.	43.	28.	14.	5.	3.	2.	2.
	115.0	106.	99.	85.	68.	50.	33.	16.	6.	3.	3.	3.
	105.0	129.	120.	100.	79.	58.	38.	19.	7.	4.	4.	4.
	95.0	156.	143.	117.	90.	66.	42.	21.	8.	5.	5.	5.
	90.0	170.	155.	125.	96.	68.	44.	22.	9.	6.	5.	5.
	87.5	186.	168.	134.	102.	71.	45.	23.	9.	6.	6.	5.
	85.0	204.	185.	148.	113.	82.	52.	28.	12.	9.	9.	8.
	82.5	223.	203.	164.	127.	93.	64.	38.	22.	17.	17.	16.
	80.0	243.	221.	181.	142.	106.	75.	49.	33.	28.	27.	27.
	77.5	264.	241.	198.	157.	121.	88.	62.	45.	39.	38.	37.
	75.0	285.	261.	216.	173.	135.	102.	74.	57.	51.	50.	49.
	72.5	307.	281.	235.	191.	151.	117.	88.	71.	65.	64.	63.
	70.0	330.	304.	256.	209.	168.	133.	105.	86.	80.	78.	77.
	67.5	354.	327.	277.	229.	187.	151.	121.	102.	95.	93.	92.
	65.0	377.	350.	298.	250.	206.	169.	138.	118.	111.	109.	108.
	62.5	397.	373.	320.	271.	226.	188.	156.	137.	129.	126.	125.
	60.0	422.	392.	342.	293.	247.	208.	176.	156.	147.	144.	144.
	57.5	445.	413.	364.	316.	268.	229.	197.	176.	166.	163.	163.
	55.0	470.	438.	387.	337.	290.	250.	219.	196.	187.	183.	182.
	52.5	493.	463.	411.	363.	315.	274.	240.	218.	209.	205.	204.
	52.0<<	499.	467.	416.	369.	319.	278.	245.	222.	214.	210.	209.
	50.0	521.	489.	435.	388.	340.	298.	265.	241.	234.	228.	229.
	47.5	549.	517.	464.	411.	366.	324.	291.	267.	259.	253.	254.
	45.0	577.	545.	491.	438.	390.	352.	317.	295.	285.	279.	279.
	42.5	607.	574.	521.	469.	420.	380.	345.	322.	314.	307.	308.
	40.0	639.	605.	551.	498.	451.	407.	376.	353.	343.	336.	338.
37.5	672.	639.	585.	531.	485.	440.	407.	384.	375.	370.	371.	
35.0	706.	673.	619.	566.	517.	475.	440.	416.	406.	399.	401.	
30.0	773.	740.	687.	637.	590.	548.	514.	490.	480.	472.	474.	
25.0	834.	803.	754.	707.	663.	624.	593.	570.	558.	551.	552.	
20.0	891.	863.	817.	778.	739.	706.	679.	659.	648.	640.	641.	
15.0	935.	913.	876.	844.	815.	787.	765.	748.	739.	733.	734.	
10.0	970.	954.	928.	904.	884.	865.	850.	838.	831.	827.	829.	
5.0	984.	976.	963.	951.	939.	930.	919.	916.	912.	910.	907.	
0.0	985.	985.	985.	985.	985.	985.	985.	985.	985.	985.	985.	

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5-DEGREE ZONAL LUMEN SUMMARY

0- 5	24
5- 10	70
10- 15	115
15- 20	154
20- 25	188
25- 30	216
30- 35	237
35- 40	252
40- 45	262
45- 50	269
50- 55	272
55- 60	272
60- 65	267
65- 70	256
70- 75	239
75- 80	220
80- 85	197
85- 90	173
90- 95	151
95-100	133
100-105	116
105-110	100
110-115	85
115-120	71
120-125	60
125-130	49
130-135	40
135-140	32
140-145	24
145-150	18
150-155	12
155-160	7
160-165	4
165-170	2
170-175	1
175-180	0

10-DEGREE ZONAL LUMEN SUMMARY

0- 10	94
0- 20	363
0- 30	767
0- 40	1255
0- 50	1786
0- 60	2329
0- 70	2852
0- 80	3311
0- 90	3681
0-100	3966
0-110	4182
0-120	4338
0-130	4447
0-140	4519
0-150	4561
0-160	4581
0-170	4587
0-180	4588