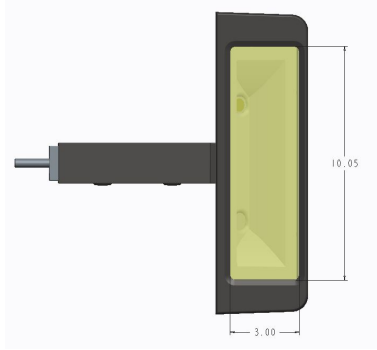


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 20 foot mounting height.



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 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: ALED52Y/WPLED52Y (15 -
 DEGREE UPTILT - STANDARD 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.

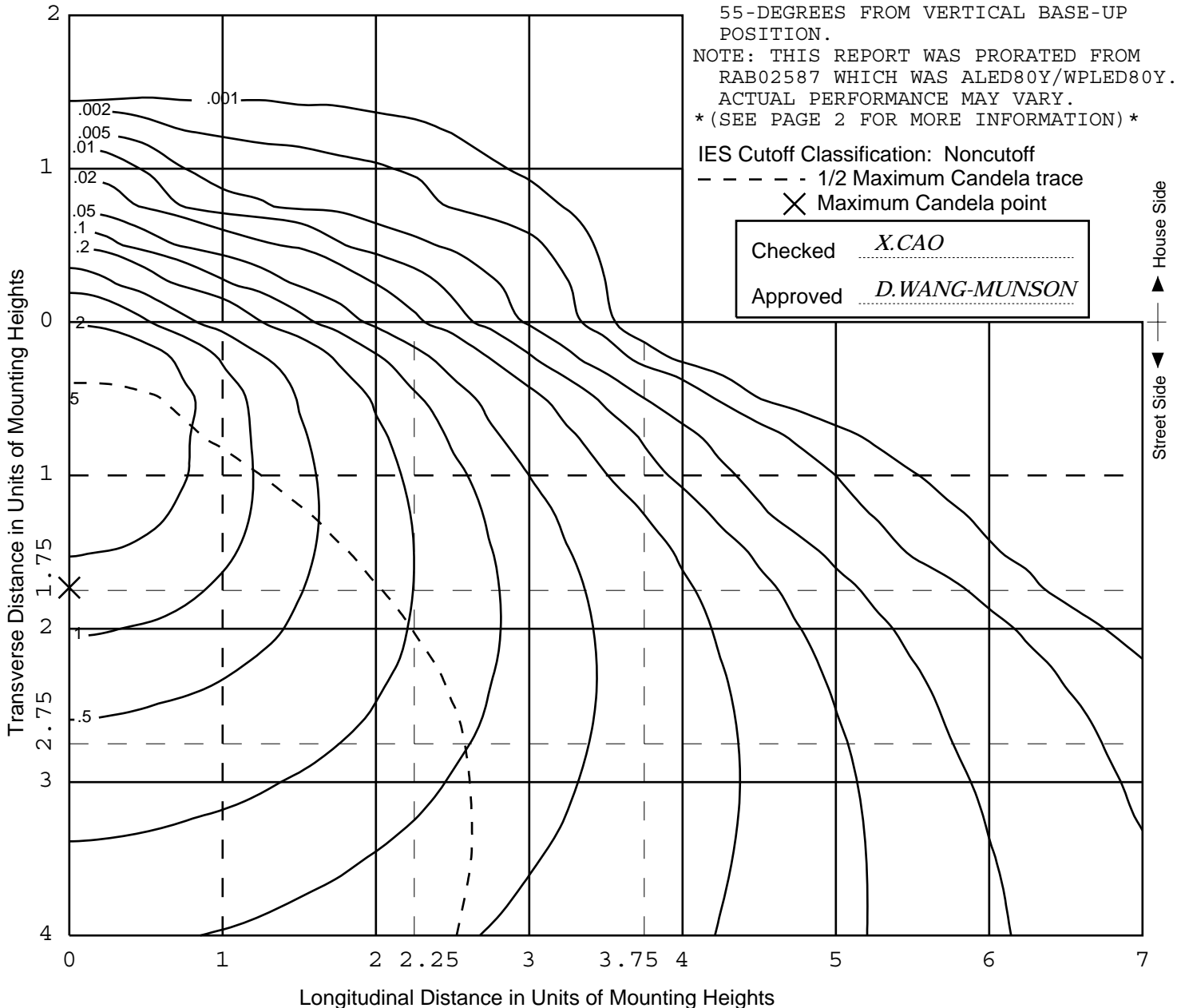
LAMPS: TWO WHITE MULTI-CHIP LIGHT
 EMITTING DIODES (LEDs), TILTED
 55-DEGREES FROM VERTICAL BASE-UP
 POSITION.

NOTE: THIS REPORT WAS PRORATED FROM
 RAB02587 WHICH WAS ALED80Y/WPLED80Y.
 ACTUAL PERFORMANCE MAY VARY.

(SEE PAGE 2 FOR MORE INFORMATION)

IES Cutoff Classification: Noncutoff

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



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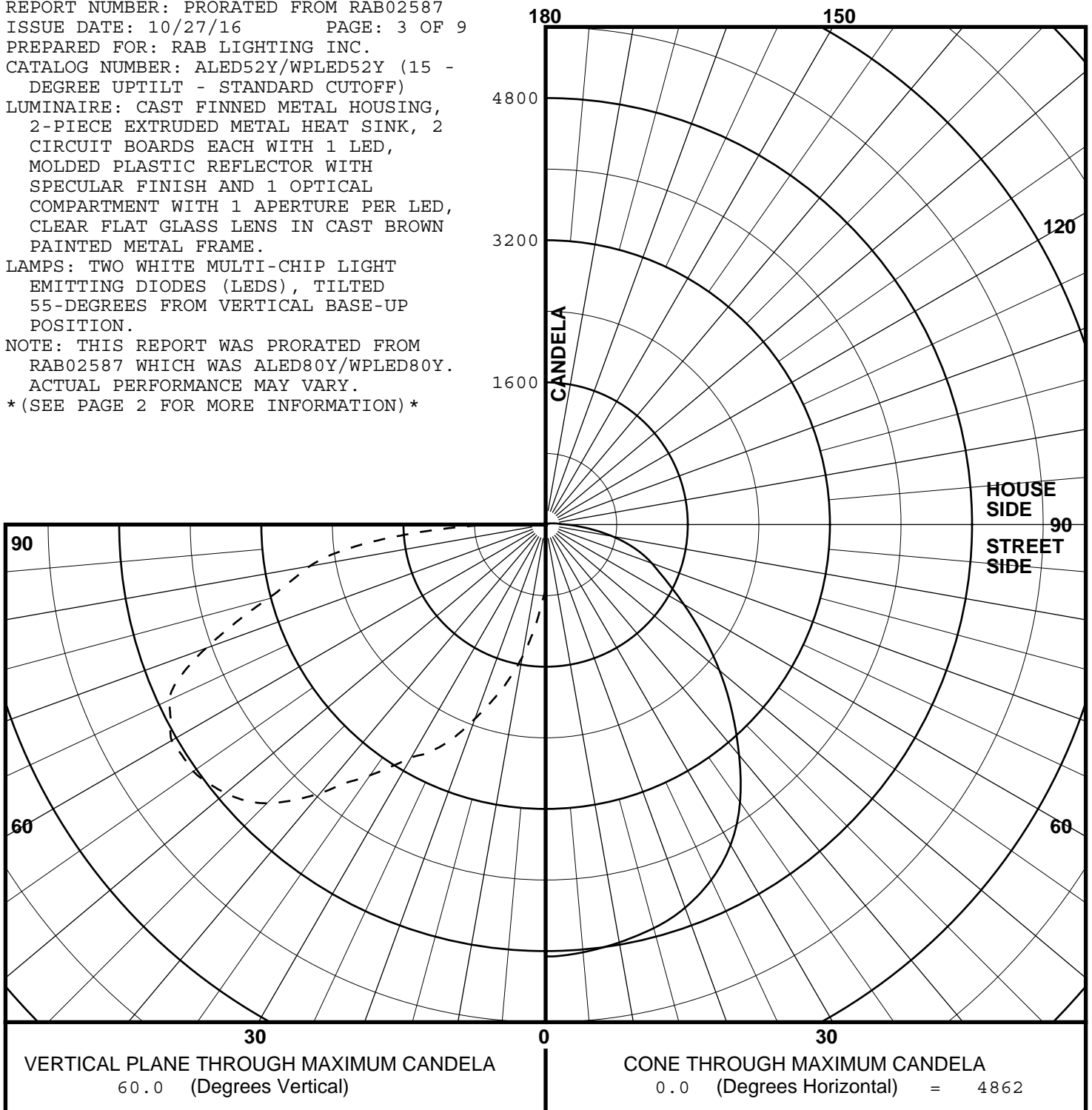
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ADDITIONAL INFORMATION

TOTAL INPUT WATTS = 58.1 W AT 120.0 VAC.
LED DRIVER: RD-052-A1400-R
TEST PROCEDURE: IESNA LM-79-08

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

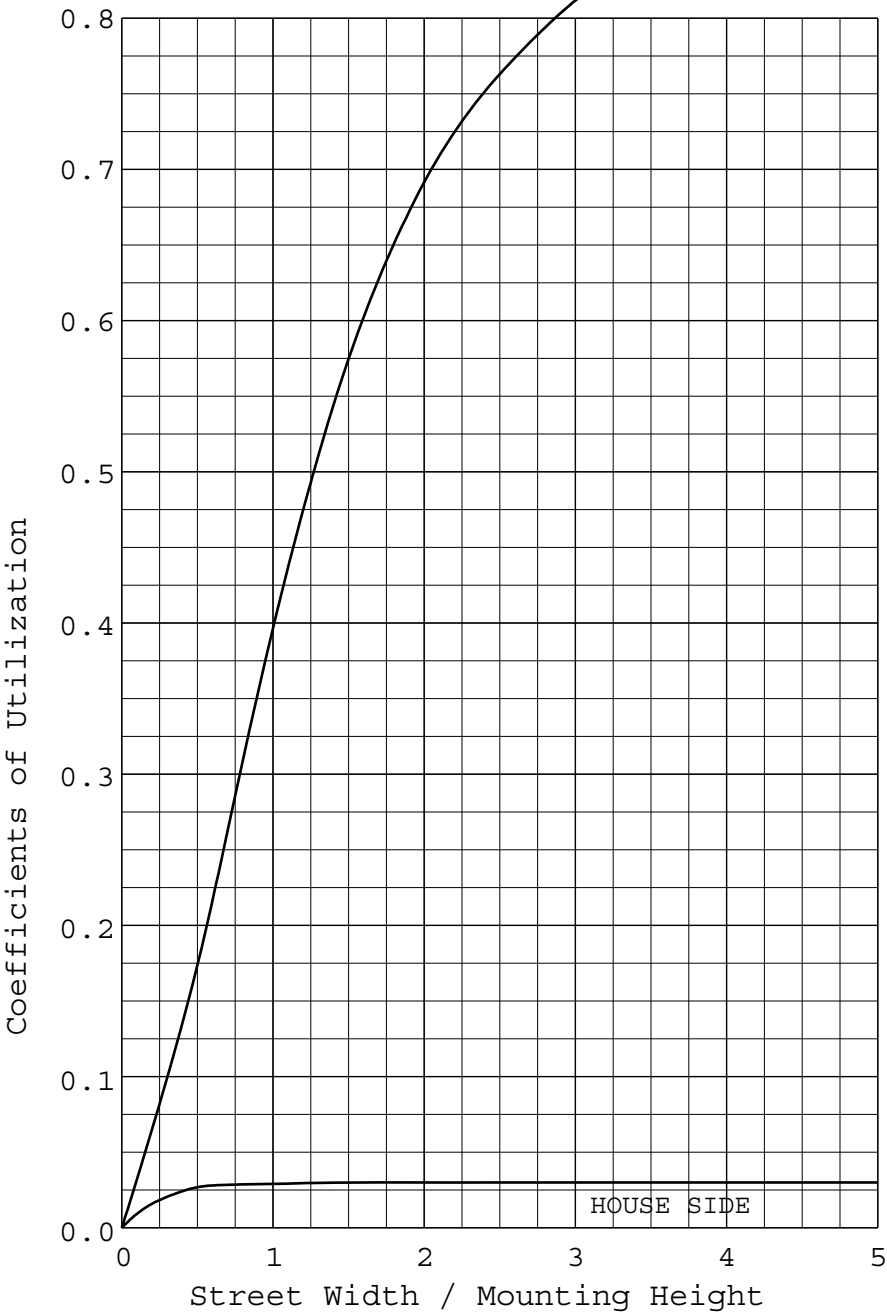
REPORT NUMBER: PRORATED FROM RAB02587
ISSUE DATE: 10/27/16 PAGE: 3 OF 9
PREPARED FOR: RAB LIGHTING INC.
CATALOG NUMBER: ALED52Y/WPLED52Y (15 -
DEGREE UPTILT - STANDARD CUTOFF)
LUMINAIRE: CAST FINNED METAL HOUSING,
2-PIECE EXTRUDED METAL HEAT SINK, 2
CIRCUIT BOARDS EACH WITH 1 LED,
MOLDED PLASTIC REFLECTOR 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
55-DEGREES FROM VERTICAL BASE-UP
POSITION.
NOTE: THIS REPORT WAS PRORATED FROM
RAB02587 WHICH WAS ALED80Y/WPLED80Y.
ACTUAL PERFORMANCE MAY VARY.
(SEE PAGE 2 FOR MORE INFORMATION)



REPORT NUMBER: PRORATED FROM RAB02587
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PREPARED FOR: RAB LIGHTING INC. STREET SIDE

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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	6658.	95.9
DOWNWARD HOUSE SIDE	214.	3.1
DOWNWARD TOTAL	6872.	99.0
UPWARD STREET SIDE	46.	0.7
UPWARD HOUSE SIDE	27.	0.4
UPWARD TOTAL	73.	1.0
TOTAL FLUX	6944.	100.0
TOTAL INPUT WATTS = 58.1		
EFFICACY = 119.5 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.

REPORT NUMBER: PRORATED FROM RAB02587
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 PREPARED FOR: RAB LIGHTING INC.

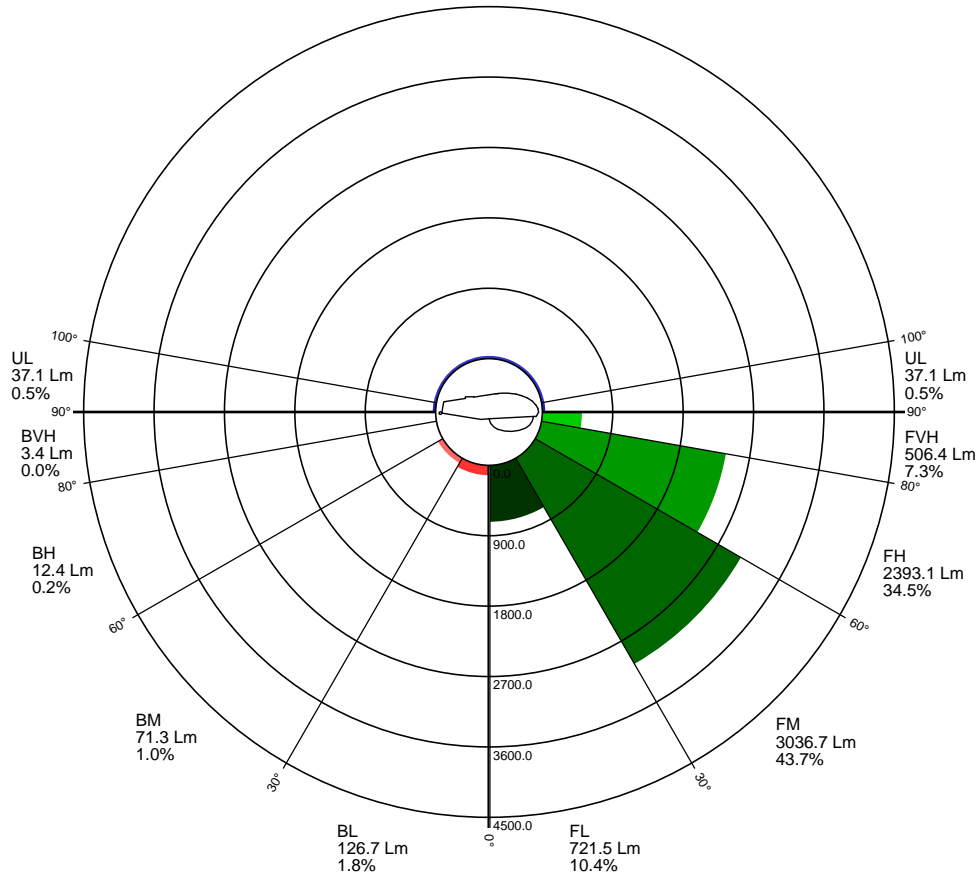
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BUG Rating:				B1 U2 G4		
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		6658	95.9			
FL	(0° - 30°)	721.5	10.4			
FM	(30° - 60°)	3036.7	43.7			
FH	(60° - 80°)	2393.1	34.5			G2
FVH	(80° - 90°)	506.4	7.3			G4
Backward		214	3.1			
BL	(0° - 30°)	126.7	1.8	B1		
BM	(30° - 60°)	71.3	1.0	B0		
BH	(60° - 80°)	12.4	0.2	B0		G0
BVH	(80° - 90°)	3.4	0.0			G0
Upward		73	1.0			
UL	(90° - 100°)	37.1	0.5		U2	
UH	(100° - 180°)	35.7	0.5		U2	
Trapped Light		0	0.0			
Total Flux		6944	100.0			

Zonal Lumen Summary

(Linear scale)

UH
35.7 Lm
0.5%

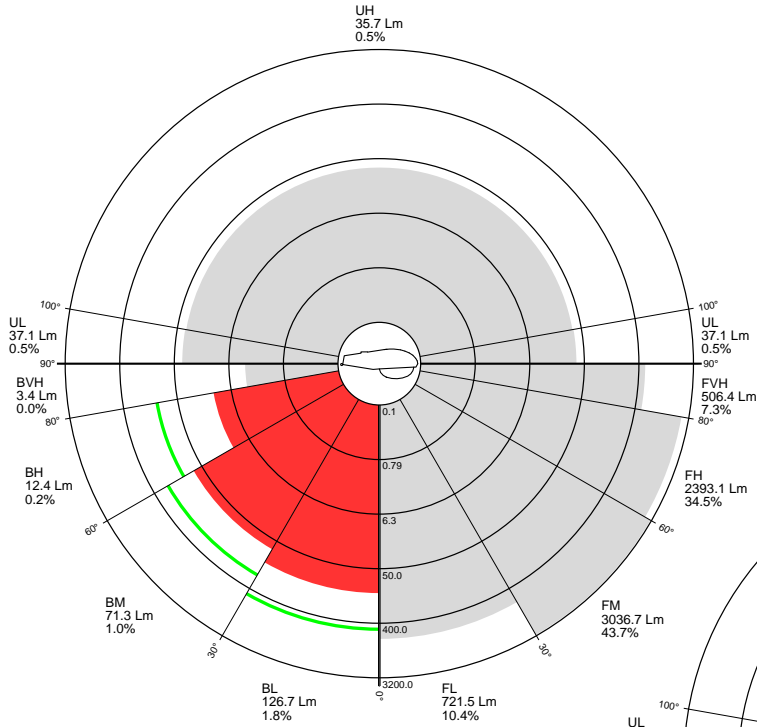


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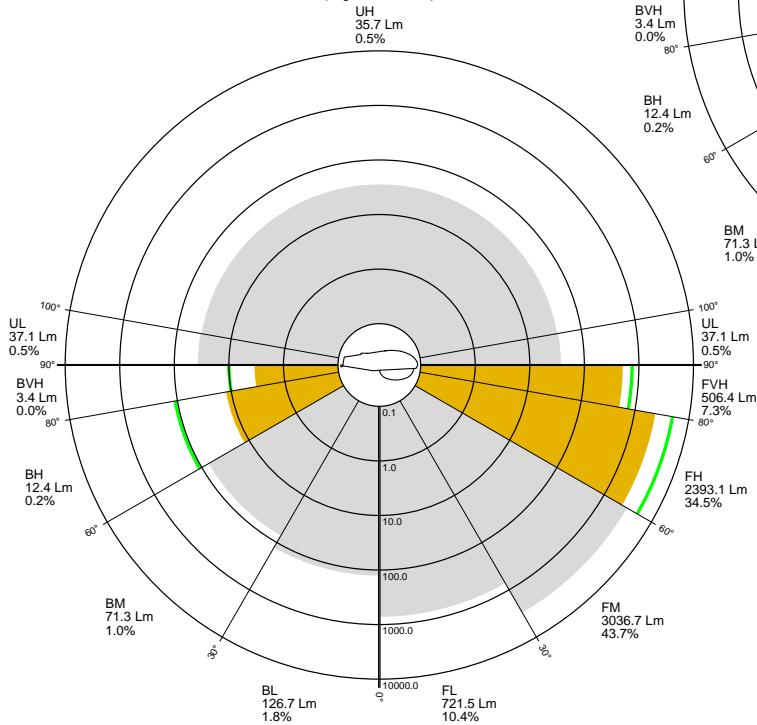
Backlight Rating Details

(Logarithmic scale)



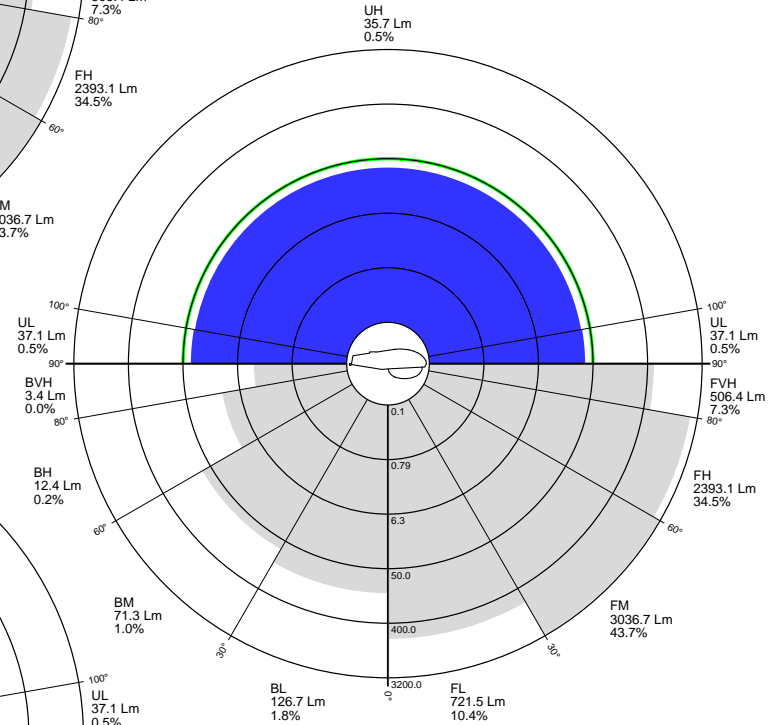
Glare Rating Details

(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	5.	5.	5.	5.	5.	5.	5.	5.	5.
	175.0	0.	1.	2.	3.	5.	5.	7.	8.	9.
	165.0	0.	1.	2.	3.	5.	5.	7.	8.	10.
	155.0	0.	1.	2.	3.	5.	5.	7.	8.	10.
	145.0	0.	1.	2.	3.	5.	5.	7.	8.	9.
	135.0	0.	1.	2.	3.	4.	5.	6.	8.	9.
	125.0	0.	1.	2.	3.	5.	5.	6.	8.	9.
	115.0	0.	1.	2.	3.	5.	5.	6.	8.	8.
	105.0	0.	1.	2.	3.	4.	5.	6.	8.	9.
	95.0	66.	61.	54.	35.	18.	9.	7.	7.	8.
	90.0	578.	554.	561.	522.	419.	251.	112.	48.	8.
	87.5	1186.	1153.	1154.	1097.	947.	663.	310.	141.	23.
	85.0	1802.	1768.	1742.	1641.	1461.	1136.	586.	216.	44.
V	82.5	2346.	2331.	2263.	2112.	1884.	1469.	868.	373.	83.
E	80.0	2697.	2670.	2560.	2371.	2135.	1740.	1201.	621.	131.
R	77.5	2937.	2925.	2804.	2655.	2440.	2069.	1515.	848.	224.
T	75.0	3245.	3217.	3110.	2995.	2828.	2361.	1758.	1032.	355.
I	72.5	3654.	3608.	3500.	3386.	3226.	2611.	1889.	1179.	489.
C	70.0	4072.	4016.	3906.	3783.	3578.	2744.	1993.	1287.	635.
A	67.5	4443.	4409.	4305.	4120.	3704.	2854.	2070.	1361.	771.
L	65.0	4672.	4654.	4506.	4238.	3810.	2924.	2122.	1408.	897.
	62.5	4758.	4729.	4617.	4384.	3832.	2958.	2150.	1444.	983.
A	60.0<<	4862.	4832.	4703.	4411.	3814.	2964.	2157.	1499.	1044.
N	57.5	4847.	4833.	4705.	4389.	3761.	2938.	2138.	1568.	1084.
G	55.0	4843.	4823.	4657.	4306.	3667.	2883.	2110.	1629.	1109.
L	52.5	4783.	4761.	4573.	4192.	3579.	2799.	2100.	1677.	1134.
E	50.0	4705.	4672.	4461.	4063.	3472.	2718.	2150.	1716.	1155.
	47.5	4595.	4557.	4332.	3921.	3331.	2627.	2211.	1740.	1174.
	45.0	4436.	4387.	4148.	3746.	3200.	2611.	2256.	1749.	1190.
	42.5	4209.	4173.	3932.	3554.	3072.	2630.	2275.	1746.	1203.
	40.0	3947.	3923.	3707.	3355.	3011.	2636.	2264.	1731.	1218.
	37.5	3657.	3642.	3475.	3219.	2949.	2617.	2220.	1717.	1229.
	35.0	3444.	3428.	3311.	3097.	2875.	2577.	2163.	1696.	1235.
	30.0	3029.	3032.	2986.	2884.	2700.	2381.	2003.	1629.	1220.
	25.0	2739.	2746.	2709.	2581.	2380.	2104.	1826.	1511.	1165.
	20.0	2326.	2336.	2318.	2200.	2041.	1851.	1627.	1373.	1094.
	15.0	1928.	1937.	1938.	1844.	1716.	1571.	1413.	1214.	998.
	10.0	1513.	1528.	1520.	1463.	1371.	1275.	1179.	1035.	901.
	5.0	1075.	1085.	1094.	1053.	1008.	971.	925.	860.	807.
	0.0	724.	724.	724.	724.	724.	724.	724.	724.	724.
		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.
	175.0	9.	9.	9.	8.	8.	6.	5.	4.	3.	2.
	165.0	10.	10.	10.	9.	8.	7.	6.	5.	5.	5.
	155.0	10.	10.	10.	9.	8.	8.	7.	6.	6.	6.
	145.0	10.	10.	10.	9.	8.	8.	8.	8.	8.	8.
	135.0	9.	10.	9.	9.	8.	8.	8.	8.	8.	8.
	125.0	9.	9.	9.	8.	8.	8.	8.	8.	9.	9.
	115.0	9.	9.	9.	9.	8.	9.	9.	10.	11.	11.
	105.0	9.	9.	9.	9.	9.	9.	10.	11.	11.	11.
	95.0	8.	8.	9.	9.	8.	8.	9.	9.	9.	9.
	90.0	8.	8.	8.	8.	8.	8.	7.	8.	8.	8.
	87.5	8.	8.	8.	8.	8.	7.	7.	6.	6.	6.
	85.0	8.	8.	8.	8.	7.	7.	6.	5.	5.	5.
V	82.5	8.	8.	7.	7.	6.	6.	5.	5.	3.	3.
E	80.0	8.	8.	7.	6.	5.	5.	5.	4.	2.	2.
R	77.5	8.	8.	7.	6.	5.	5.	4.	3.	2.	1.
T	75.0	10.	8.	10.	7.	5.	4.	3.	2.	1.	0.
I	72.5	45.	37.	15.	8.	5.	4.	3.	2.	1.	0.
C	70.0	76.	57.	17.	11.	5.	4.	2.	2.	0.	0.
A	67.5	109.	76.	20.	14.	6.	4.	2.	2.	0.	0.
L	65.0	153.	96.	23.	14.	8.	4.	2.	1.	0.	0.
	62.5	198.	116.	33.	13.	8.	5.	3.	2.	0.	0.
A	60.0<<	235.	131.	49.	13.	9.	5.	3.	2.	0.	0.
N	57.5	266.	139.	66.	14.	9.	6.	4.	3.	2.	0.
G	55.0	294.	148.	80.	17.	9.	8.	5.	4.	2.	1.
L	52.5	319.	159.	92.	21.	10.	8.	7.	6.	5.	4.
E	50.0	347.	171.	104.	31.	11.	9.	10.	10.	11.	9.
	47.5	368.	186.	117.	50.	15.	11.	12.	14.	14.	14.
	45.0	387.	199.	126.	71.	23.	14.	15.	17.	19.	18.
	42.5	402.	213.	134.	90.	34.	20.	17.	19.	21.	22.
	40.0	417.	229.	145.	104.	53.	28.	22.	21.	22.	23.
	37.5	441.	252.	158.	117.	75.	36.	28.	24.	24.	25.
	35.0	474.	285.	173.	130.	95.	53.	37.	30.	27.	26.
	30.0	548.	371.	219.	168.	137.	110.	81.	56.	48.	46.
	25.0	609.	454.	282.	247.	203.	181.	166.	146.	129.	114.
	20.0	660.	533.	365.	314.	288.	257.	248.	238.	235.	226.
	15.0	691.	597.	444.	370.	355.	347.	323.	315.	315.	312.
	10.0	709.	648.	537.	455.	410.	388.	382.	383.	383.	383.
	5.0	718.	689.	636.	589.	549.	516.	490.	470.	464.	452.
	0.0	724.	724.	724.	724.	724.	724.	724.	724.	724.	724.

CONE OF MAXIMUM CANDELA

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5-DEGREE ZONAL LUMEN SUMMARY

0- 5	18
5- 10	56
10- 15	105
15- 20	161
20- 25	222
25- 30	285
30- 35	350
35- 40	418
40- 45	490
45- 50	560
50- 55	621
55- 60	670
60- 65	692
65- 70	669
70- 75	581
75- 80	463
80- 85	340
85- 90	170
90- 95	31
95-100	6
100-105	4
105-110	4
110-115	4
115-120	3
120-125	3
125-130	3
130-135	3
135-140	2
140-145	2
145-150	2
150-155	2
155-160	1
160-165	1
165-170	1
170-175	0
175-180	0

10-DEGREE ZONAL LUMEN SUMMARY

0- 10	74
0- 20	341
0- 30	848
0- 40	1616
0- 50	2665
0- 60	3956
0- 70	5318
0- 80	6362
0- 90	6872
0-100	6909
0-110	6916
0-120	6924
0-130	6930
0-140	6935
0-150	6939
0-160	6942
0-170	6944
0-180	6944