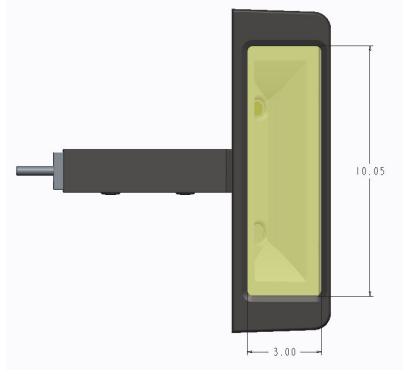


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 20 foot mounting height.

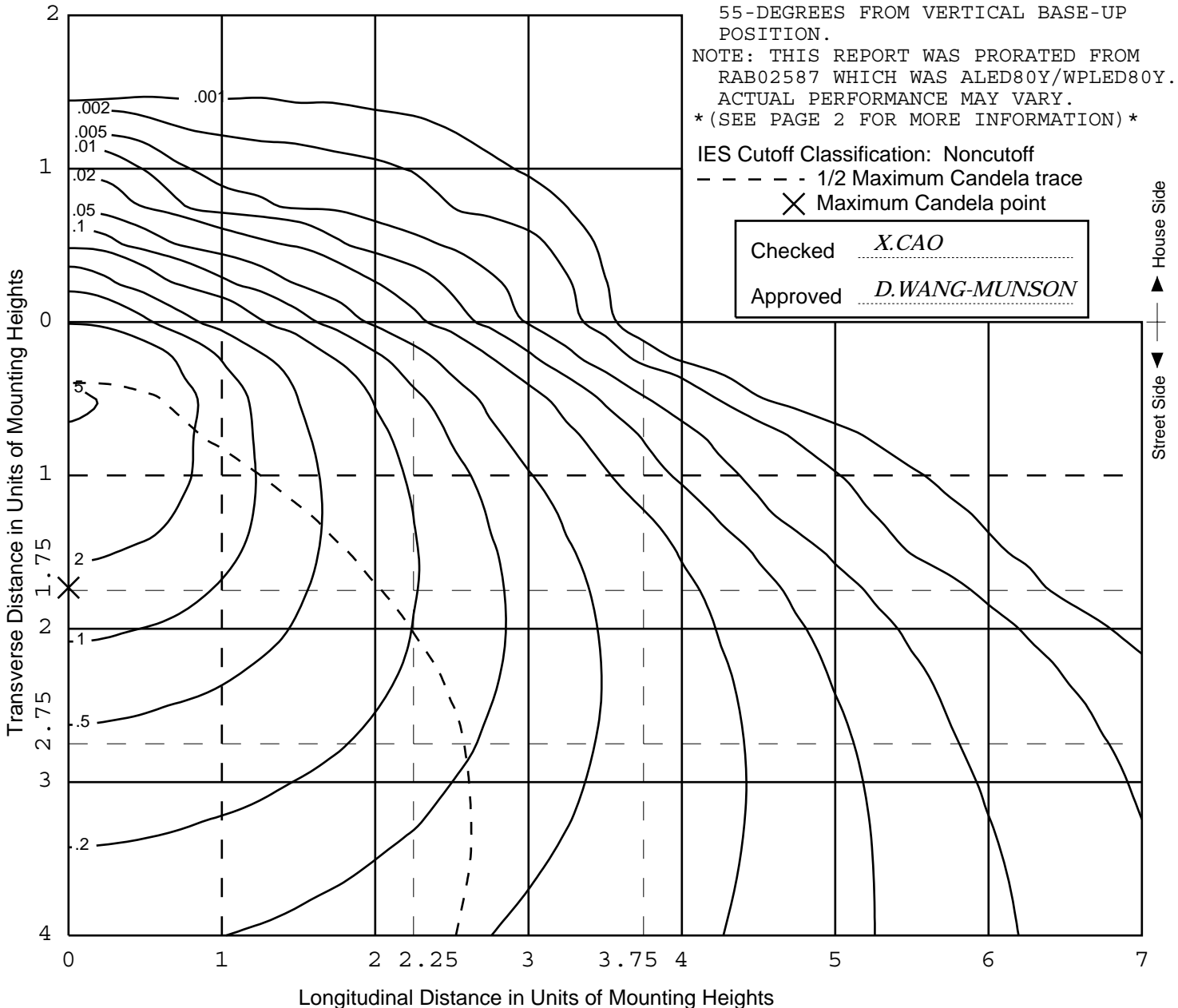


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 ISSUE DATE: 10/27/16 PAGE: 1 OF 9
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: ALED52N/WPLED52N (15 -
 DEGREE UPTILT - STANDARD CUTOFF)
 LUMINAIRE: CAST FINNED METAL HOUSING,
 2-PIECE EXTRUDED METAL HEAT SINK, 2
 CIRCUIT BOARDS EACH WITH 1 LED,
 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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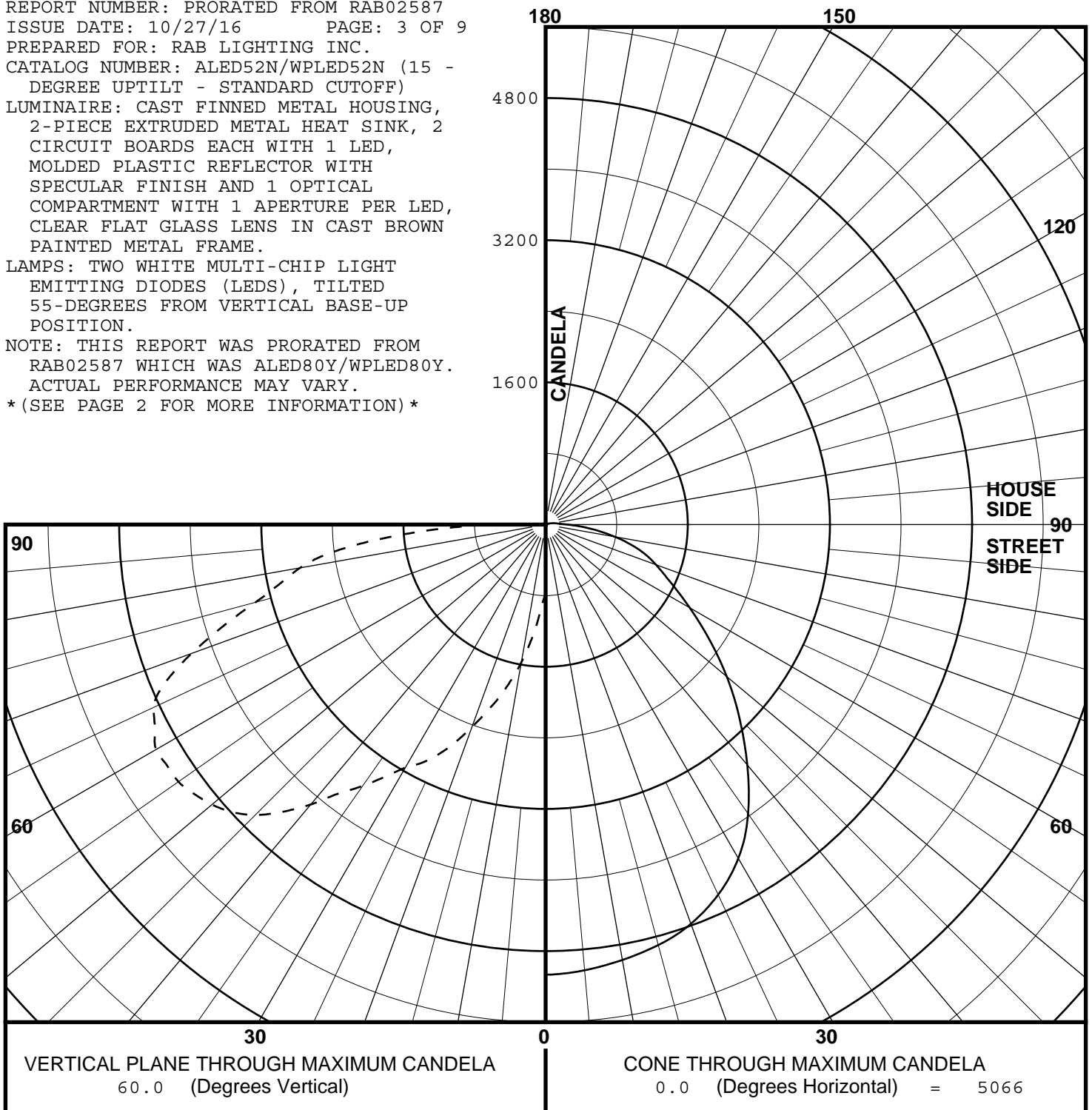
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ADDITIONAL INFORMATION

TOTAL INPUT WATTS = 58.2 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

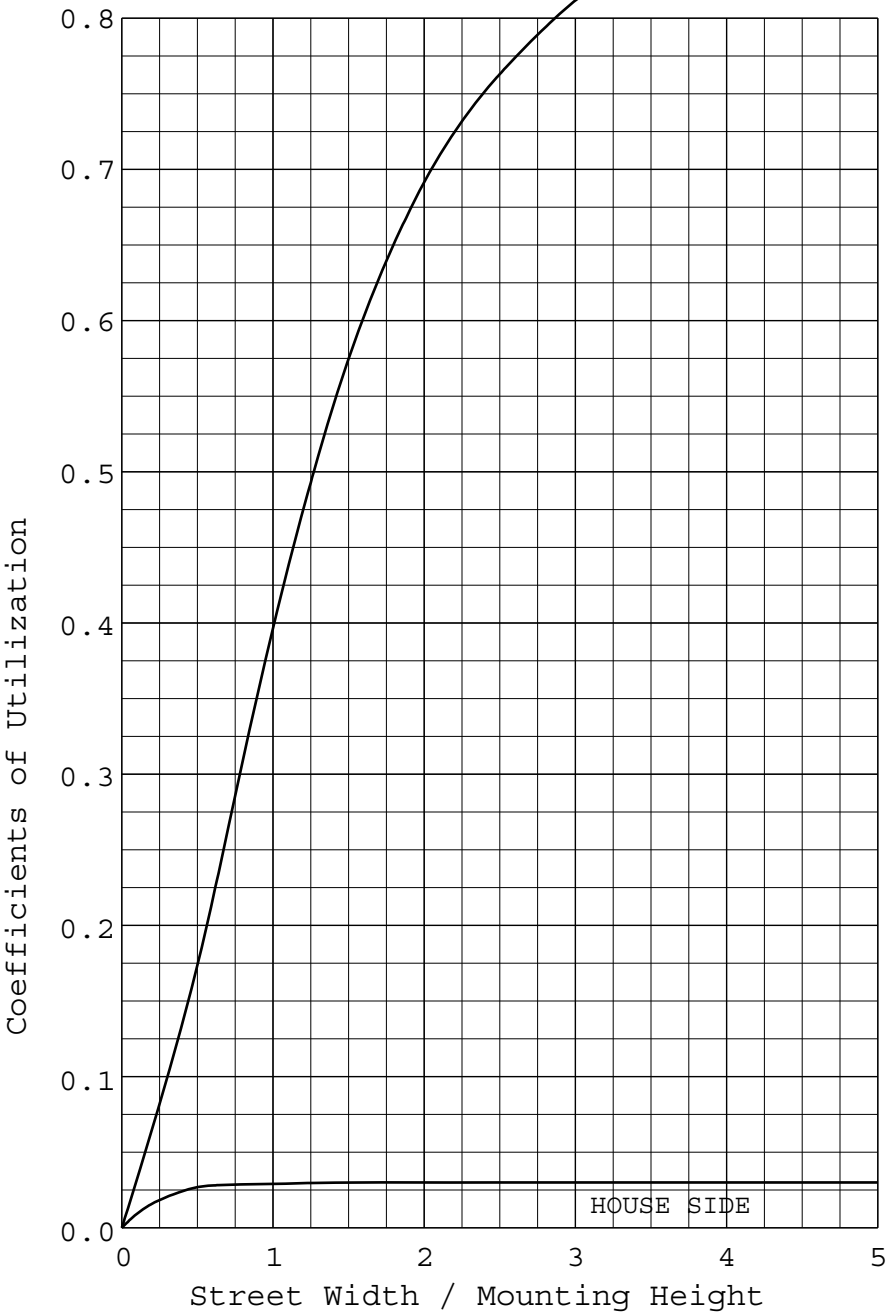
REPORT NUMBER: PRORATED FROM RAB02587
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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	6937.	95.9
DOWNWARD HOUSE SIDE	223.	3.1
DOWNWARD TOTAL	7160.	99.0
UPWARD STREET SIDE	47.	0.7
UPWARD HOUSE SIDE	28.	0.4
UPWARD TOTAL	76.	1.0
TOTAL FLUX	7236.	100.0
TOTAL INPUT WATTS = 58.2		
EFFICACY = 124.3 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.

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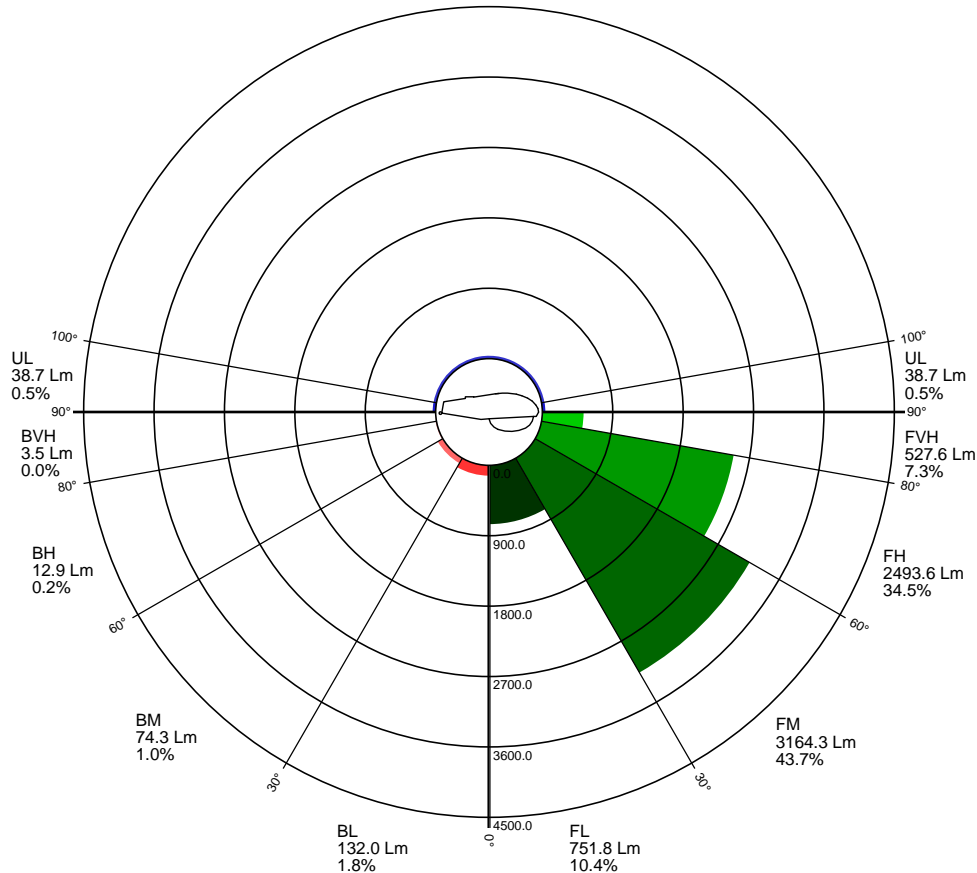
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BUG Rating:				B1	U2	G4
Zonal Summary				Zone Ratings		
		Lumens	% of Fixture	B	U	G
Forward		6937	95.9			
FL	(0° - 30°)	751.8	10.4			
FM	(30° - 60°)	3164.3	43.7			
FH	(60° - 80°)	2493.6	34.5			G2
FVH	(80° - 90°)	527.6	7.3			G4
Backward		223	3.1			
BL	(0° - 30°)	132.0	1.8	B1		
BM	(30° - 60°)	74.3	1.0	B0		
BH	(60° - 80°)	12.9	0.2	B0		G0
BVH	(80° - 90°)	3.5	0.0			G0
Upward		76	1.0			
UL	(90° - 100°)	38.7	0.5		U2	
UH	(100° - 180°)	37.2	0.5		U2	
Trapped Light		0	0.0			
Total Flux		7236	100.0			

Zonal Lumen Summary

(Linear scale)

UH
37.2 Lm
0.5%

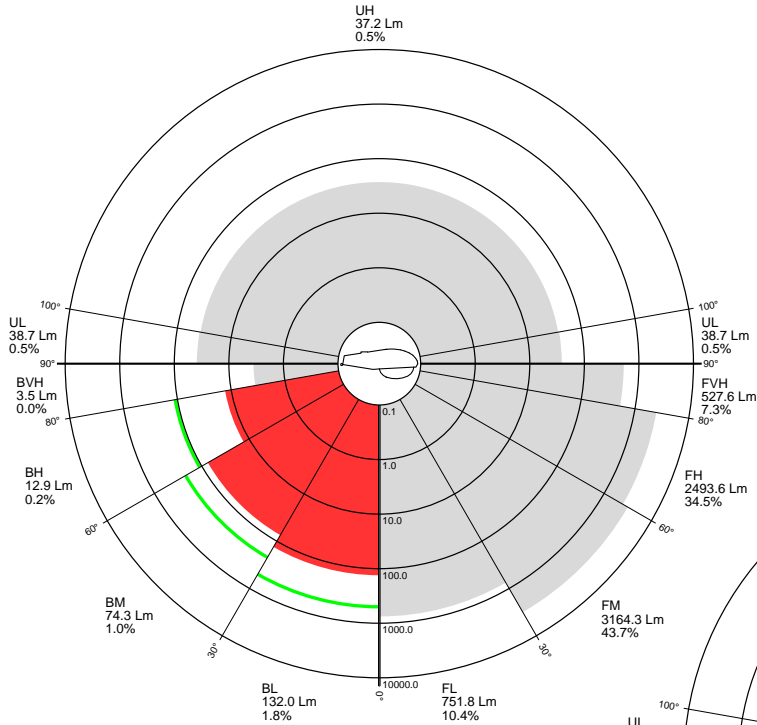


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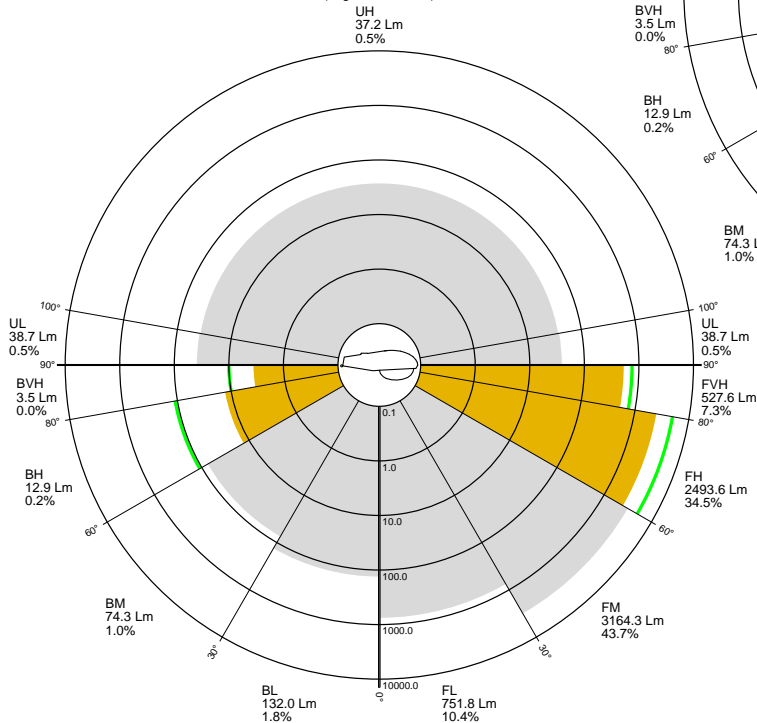
Backlight Rating Details

(Logarithmic scale)



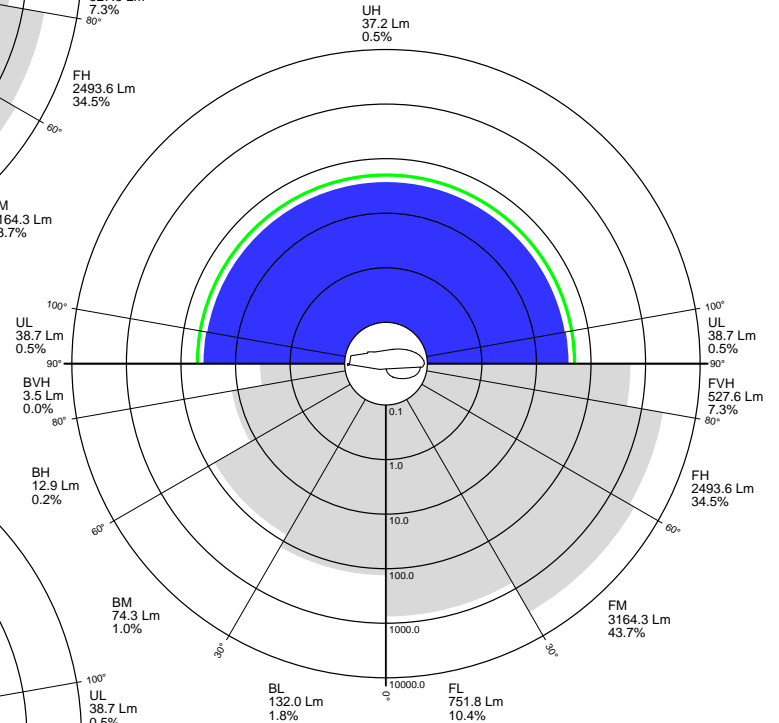
Glare Rating Details

(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	6.	6.	6.	6.	6.	6.	6.	6.	6.
	175.0	0.	1.	2.	3.	5.	6.	7.	8.	9.
	165.0	0.	1.	2.	3.	5.	6.	7.	8.	10.
	155.0	0.	1.	2.	3.	5.	6.	7.	8.	10.
	145.0	0.	1.	2.	3.	5.	6.	7.	8.	9.
	135.0	0.	1.	2.	3.	4.	6.	6.	8.	9.
	125.0	0.	1.	2.	3.	5.	6.	6.	8.	9.
	115.0	0.	1.	2.	3.	5.	6.	6.	8.	9.
	105.0	0.	1.	2.	3.	4.	6.	6.	8.	9.
	95.0	69.	64.	56.	37.	19.	9.	7.	7.	8.
	90.0	602.	577.	584.	544.	436.	261.	116.	50.	9.
	87.5	1236.	1202.	1202.	1143.	987.	690.	323.	147.	24.
	85.0	1878.	1842.	1815.	1710.	1522.	1184.	610.	225.	46.
V	82.5	2444.	2429.	2358.	2200.	1964.	1530.	904.	388.	87.
E	80.0	2810.	2782.	2667.	2471.	2225.	1813.	1251.	647.	136.
R	77.5	3061.	3048.	2921.	2767.	2542.	2156.	1578.	883.	234.
T	75.0	3382.	3352.	3241.	3121.	2947.	2460.	1832.	1075.	370.
I	72.5	3808.	3760.	3647.	3528.	3362.	2720.	1968.	1228.	510.
C	70.0	4243.	4184.	4070.	3941.	3728.	2859.	2077.	1341.	661.
A	67.5	4630.	4594.	4486.	4293.	3860.	2973.	2157.	1418.	803.
L	65.0	4869.	4850.	4695.	4416.	3971.	3047.	2211.	1467.	934.
	62.5	4958.	4928.	4810.	4568.	3993.	3083.	2240.	1504.	1025.
A	60.0<<	5066.	5035.	4900.	4597.	3974.	3088.	2248.	1562.	1088.
N	57.5	5050.	5036.	4902.	4574.	3919.	3061.	2228.	1634.	1129.
G	55.0	5046.	5026.	4853.	4487.	3821.	3004.	2199.	1697.	1155.
L	52.5	4983.	4961.	4766.	4368.	3729.	2917.	2188.	1747.	1182.
E	50.0	4902.	4868.	4648.	4234.	3618.	2832.	2240.	1788.	1203.
	47.5	4788.	4748.	4514.	4085.	3471.	2737.	2303.	1813.	1223.
	45.0	4622.	4571.	4322.	3903.	3334.	2720.	2351.	1823.	1240.
	42.5	4386.	4348.	4097.	3703.	3201.	2741.	2370.	1819.	1254.
	40.0	4113.	4088.	3863.	3496.	3138.	2747.	2359.	1803.	1269.
	37.5	3810.	3795.	3621.	3354.	3072.	2727.	2314.	1789.	1280.
	35.0	3589.	3572.	3450.	3227.	2996.	2686.	2254.	1767.	1287.
	30.0	3157.	3160.	3112.	3005.	2814.	2481.	2087.	1697.	1272.
	25.0	2854.	2862.	2822.	2689.	2480.	2192.	1903.	1574.	1214.
	20.0	2424.	2434.	2416.	2292.	2127.	1929.	1695.	1430.	1139.
	15.0	2008.	2018.	2019.	1922.	1788.	1636.	1472.	1265.	1040.
	10.0	1577.	1592.	1584.	1524.	1429.	1329.	1228.	1079.	939.
	5.0	1120.	1130.	1139.	1097.	1051.	1011.	964.	896.	841.
	0.0	754.	754.	754.	754.	754.	754.	754.	754.	754.
		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	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.
	175.0	9.	9.	9.	9.	8.	6.	6.	4.	3.	2.	2.
	165.0	10.	10.	10.	9.	8.	7.	6.	6.	5.	5.	5.
	155.0	10.	10.	10.	9.	9.	8.	7.	6.	6.	6.	6.
	145.0	10.	10.	10.	9.	9.	8.	8.	8.	8.	8.	8.
	135.0	9.	10.	9.	9.	9.	8.	8.	8.	9.	9.	9.
	125.0	9.	9.	9.	9.	9.	8.	9.	9.	9.	9.	9.
	115.0	9.	9.	9.	9.	9.	9.	9.	10.	11.	11.	11.
	105.0	9.	9.	9.	9.	9.	9.	10.	11.	12.	12.	12.
	95.0	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.
	90.0	8.	9.	9.	9.	8.	8.	7.	8.	8.	8.	8.
	87.5	9.	8.	8.	8.	8.	7.	7.	6.	6.	6.	6.
	85.0	9.	8.	8.	8.	7.	7.	6.	6.	5.	5.	5.
V	82.5	9.	8.	7.	7.	6.	6.	6.	5.	3.	3.	3.
E	80.0	9.	8.	7.	6.	6.	6.	5.	4.	2.	2.	1.
R	77.5	9.	8.	7.	6.	6.	5.	4.	3.	2.	1.	0.
T	75.0	10.	9.	10.	7.	6.	4.	3.	2.	1.	0.	0.
I	72.5	46.	39.	16.	9.	5.	4.	3.	2.	1.	0.	0.
C	70.0	79.	59.	17.	12.	6.	4.	2.	2.	0.	0.	0.
A	67.5	114.	79.	20.	14.	6.	4.	2.	2.	0.	0.	0.
L	65.0	160.	100.	24.	14.	8.	4.	2.	1.	0.	0.	0.
	62.5	207.	121.	35.	13.	9.	5.	3.	2.	0.	0.	0.
A	60.0<<	245.	136.	51.	13.	9.	6.	3.	2.	0.	0.	0.
N	57.5	277.	145.	68.	15.	9.	6.	4.	3.	2.	0.	0.
G	55.0	306.	154.	83.	18.	9.	8.	6.	4.	2.	1.	1.
L	52.5	333.	166.	96.	22.	10.	9.	7.	6.	6.	4.	4.
E	50.0	362.	178.	109.	32.	12.	9.	10.	10.	11.	9.	9.
	47.5	384.	193.	122.	52.	16.	12.	13.	14.	15.	14.	14.
	45.0	403.	208.	131.	74.	24.	15.	16.	17.	20.	19.	19.
	42.5	419.	222.	140.	94.	35.	20.	18.	20.	22.	22.	23.
	40.0	435.	238.	151.	109.	55.	29.	23.	22.	23.	24.	24.
	37.5	459.	263.	164.	122.	78.	38.	29.	25.	25.	26.	26.
	35.0	494.	296.	180.	135.	99.	55.	39.	31.	28.	28.	28.
	30.0	571.	386.	228.	175.	142.	115.	84.	58.	50.	48.	48.
	25.0	635.	473.	293.	257.	212.	189.	173.	152.	134.	119.	120.
	20.0	687.	555.	380.	327.	300.	268.	259.	248.	245.	236.	239.
	15.0	720.	622.	462.	385.	370.	362.	337.	329.	328.	325.	326.
	10.0	738.	676.	560.	474.	427.	404.	398.	399.	399.	399.	399.
	5.0	749.	718.	663.	613.	572.	538.	510.	490.	484.	471.	471.
	0.0	754.	754.	754.	754.	754.	754.	754.	754.	754.	754.	754.

CONE OF MAXIMUM CANDELA

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5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	18
5- 10	59
10- 15	110
15- 20	168
20- 25	231
25- 30	297
30- 35	365
35- 40	435
40- 45	510
45- 50	583
50- 55	647
55- 60	698
60- 65	721
65- 70	698
70- 75	606
75- 80	482
80- 85	354
85- 90	177
90- 95	33
95-100	6
100-105	4
105-110	4
110-115	4
115-120	4
120-125	3
125-130	3
130-135	3
135-140	3
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	77
0- 20	355
0- 30	884
0- 40	1684
0- 50	2777
0- 60	4122
0- 70	5541
0- 80	6629
0- 90	7160
0-100	7199
0-110	7207
0-120	7214
0-130	7221
0-140	7226
0-150	7230
0-160	7234
0-170	7235
0-180	7236