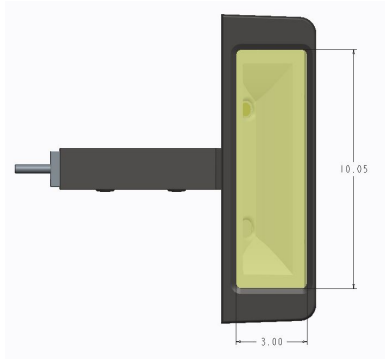


### ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

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: ALEDFC52Y/WPLEDFC52Y  
 (0-DEGREE UPTILT - FULL 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  
 40-DEGREES FROM VERTICAL BASE-UP  
 POSITION.

\*(SEE PAGE 2 FOR MORE INFORMATION)\*

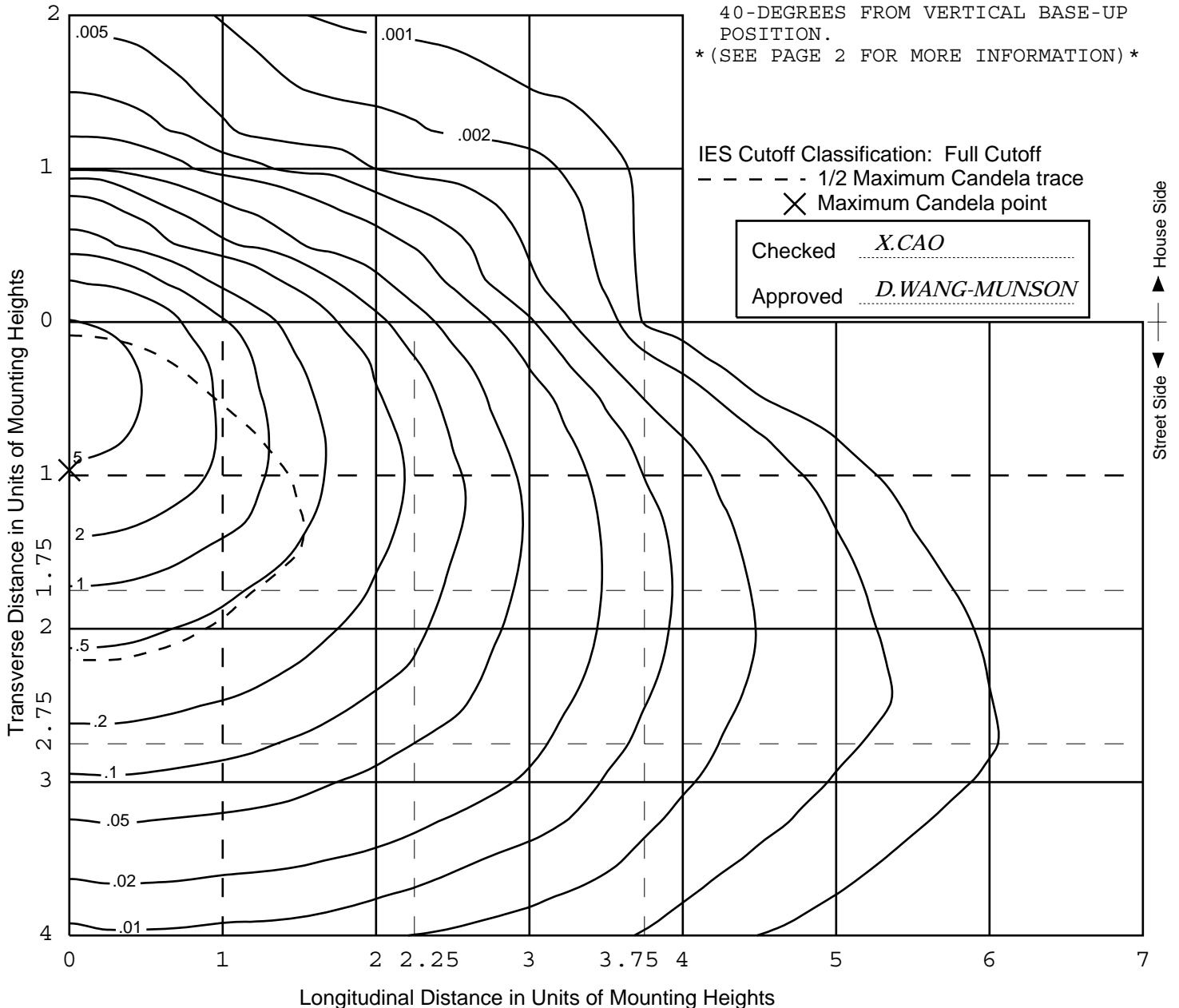
IES Cutoff Classification: Full Cutoff

--- 1/2 Maximum Candela trace

X Maximum Candela point

Checked X.CAO

Approved D.WANG-MUNSON



REPORT NUMBER: PRORATED FROM RAB02588  
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PREPARED FOR: RAB LIGHTING INC.

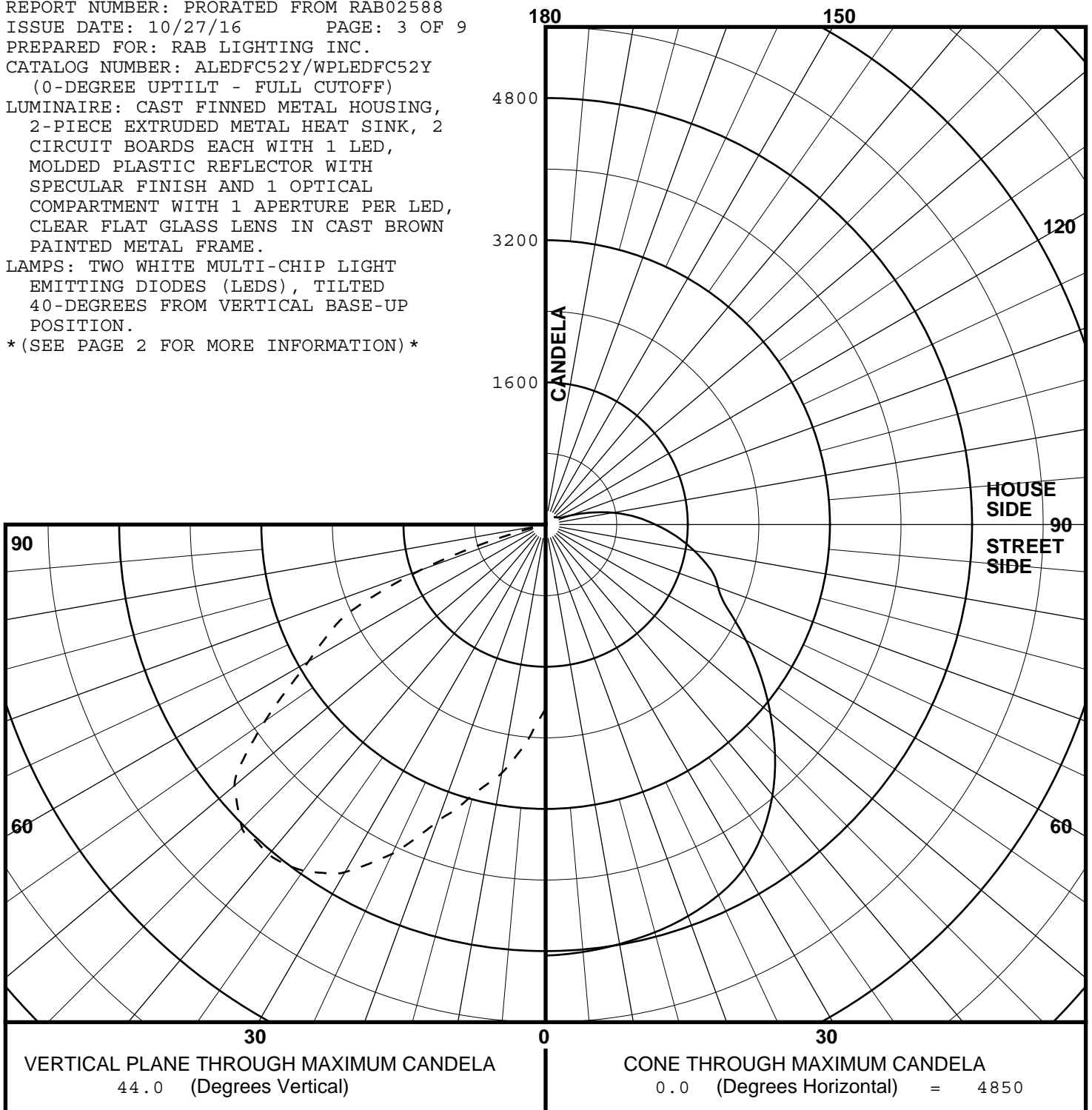
PAGE: 2 OF 9

## ADDITIONAL INFORMATION

NOTE: THIS REPORT WAS PRORATED FROM RAB02588 WHICH WAS  
ALEDFC80Y/WPLEDFC80Y. ACTUAL PERFORMANCE MAY VARY.  
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

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 PREPARED FOR: RAB LIGHTING INC.  
 CATALOG NUMBER: ALEDFC52Y/WPLEDFC52Y  
 (0-DEGREE UPTILT - FULL CUTOFF)  
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 2-PIECE EXTRUDED METAL HEAT SINK, 2  
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 CLEAR FLAT GLASS LENS IN CAST BROWN  
 PAINTED METAL FRAME.  
 LAMPS: TWO WHITE MULTI-CHIP LIGHT  
 EMITTING DIODES (LEDs), TILTED  
 40-DEGREES FROM VERTICAL BASE-UP  
 POSITION.  
 \*(SEE PAGE 2 FOR MORE INFORMATION)\*



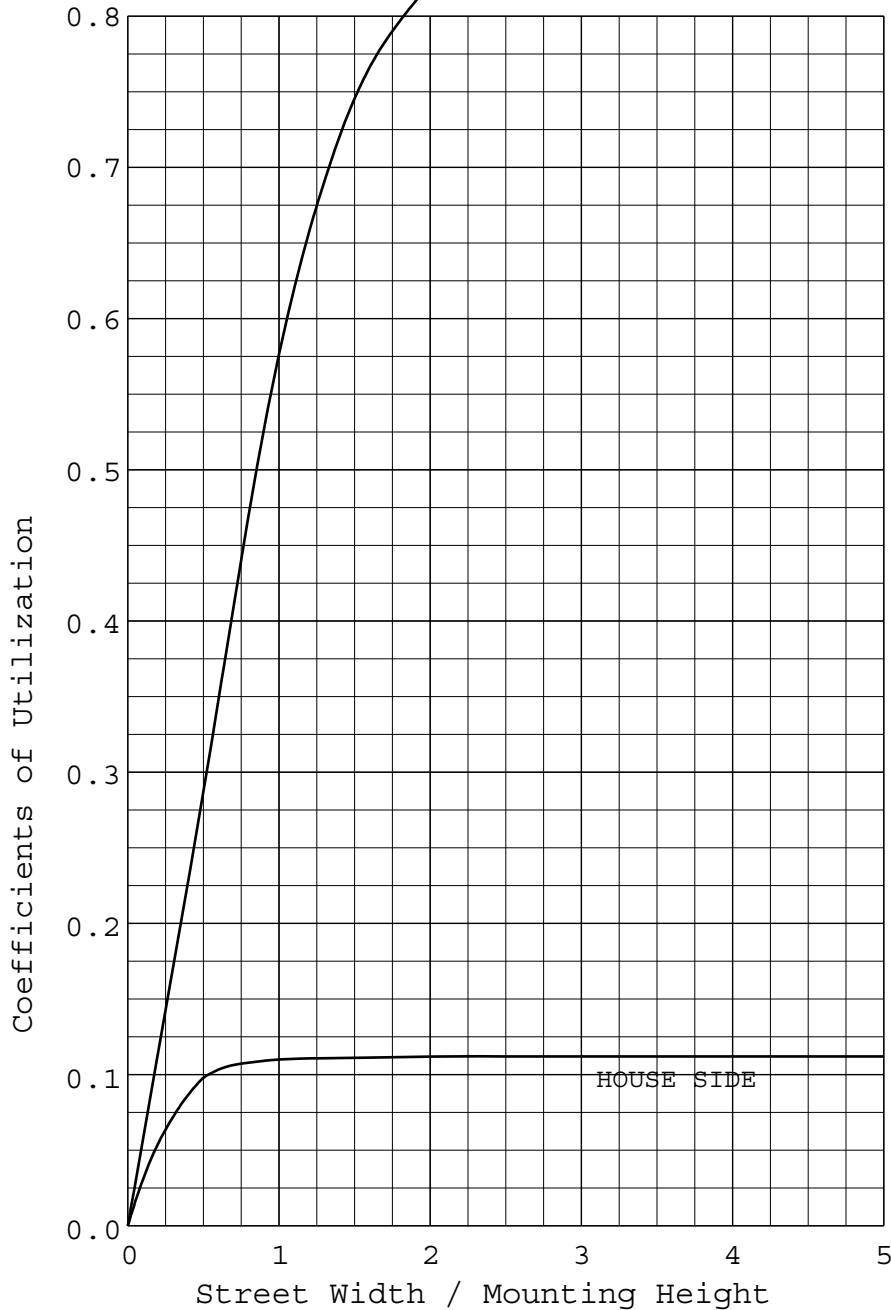
REPORT NUMBER: PRORATED FROM RAB02588

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PREPARED FOR: RAB LIGHTING INC STREET SIDE

### COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	6166.	88.7
DOWNWARD HOUSE SIDE	783.	11.3
DOWNWARD TOTAL	6949.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	6949.	100.0

TOTAL INPUT WATTS = 58.1  
EFFICACY = 119.6 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 RAB02588  
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 PREPARED FOR: RAB LIGHTING INC.

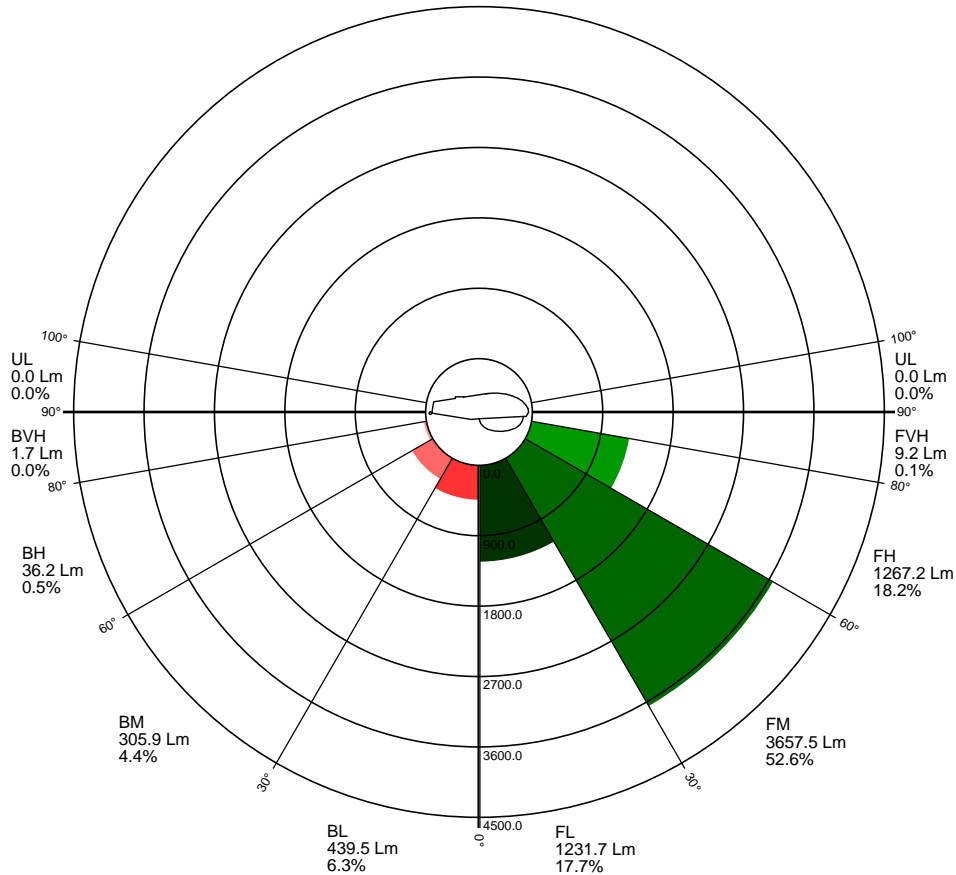
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BUG Rating:				B1 U0 G1		
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		6166	88.7			
FL	(0° - 30°)	1231.7	17.7			
FM	(30° - 60°)	3657.5	52.6			
FH	(60° - 80°)	1267.2	18.2			G1
FVH	(80° - 90°)	9.2	0.1			G0
Backward		783	11.3			
BL	(0° - 30°)	439.5	6.3	B1		
BM	(30° - 60°)	305.9	4.4	B1		
BH	(60° - 80°)	36.2	0.5	B0		G0
BVH	(80° - 90°)	1.7	0.0			G0
Upward		0	0.0			
UL	(90° - 100°)	0.0	0.0		U0	
UH	(100° - 180°)	0.0	0.0		U0	
Trapped Light		0	0.0			
Total Flux		6949	100.0			

### Zonal Lumen Summary

(Linear scale)

UH  
0.0 Lm  
0.0%

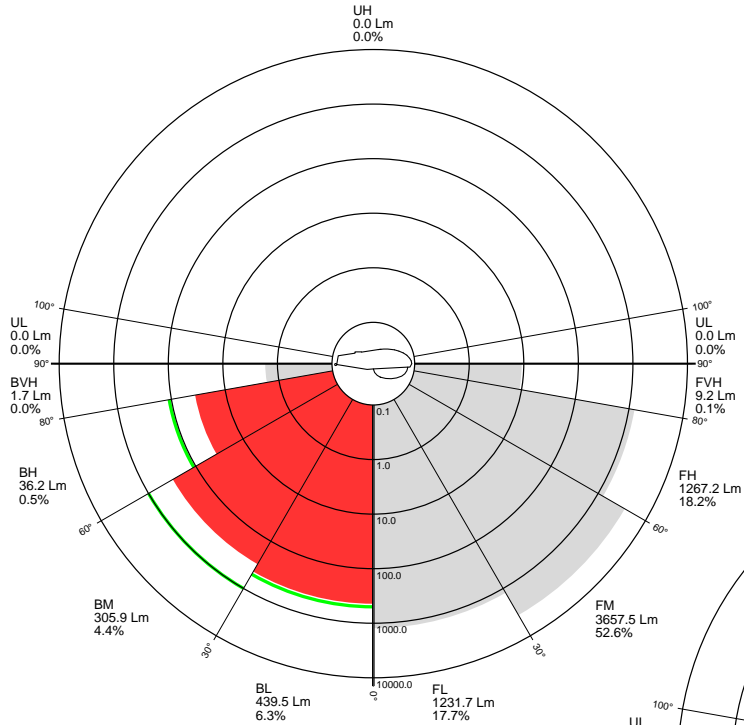


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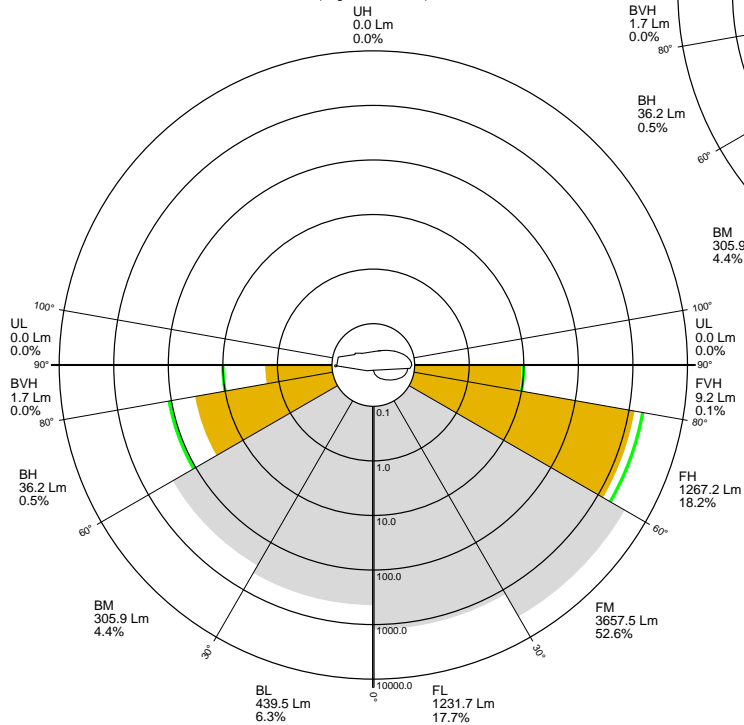
### Backlight Rating Details

(Logarithmic scale)



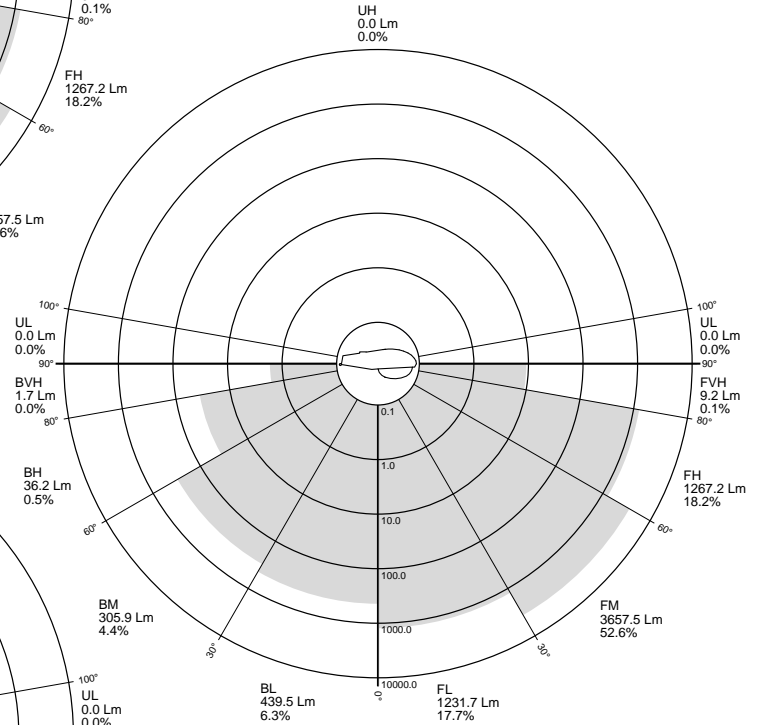
### Glare Rating Details

(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		0.	0.	0.	0.	0.	0.	0.	0.	0.
175.0		0.	0.	0.	0.	0.	0.	0.	0.	0.
165.0		0.	0.	0.	0.	0.	0.	0.	0.	0.
155.0		0.	0.	0.	0.	0.	0.	0.	0.	0.
145.0		0.	0.	0.	0.	0.	0.	0.	0.	0.
135.0		0.	0.	0.	0.	0.	0.	0.	0.	0.
125.0		0.	0.	0.	0.	0.	0.	0.	0.	0.
115.0		0.	0.	0.	0.	0.	0.	0.	0.	0.
105.0		0.	0.	0.	0.	0.	0.	0.	0.	0.
95.0		0.	0.	0.	0.	0.	0.	0.	0.	0.
90.0		0.	0.	0.	0.	0.	0.	0.	0.	0.
87.5		0.	0.	0.	0.	0.	0.	0.	0.	0.
85.0		1.	1.	2.	3.	4.	5.	7.	9.	8.
82.5		11.	11.	11.	14.	15.	14.	23.	76.	39.
V 80.0		27.	31.	33.	51.	53.	89.	157.	192.	85.
E 77.5		94.	98.	101.	171.	278.	447.	409.	305.	168.
R 75.0		323.	368.	429.	611.	782.	945.	765.	526.	279.
T 72.5		854.	920.	998.	1201.	1321.	1420.	1093.	850.	461.
I 70.0		1497.	1543.	1607.	1745.	1808.	1721.	1432.	1177.	670.
C 67.5		2083.	2120.	2160.	2211.	2112.	2034.	1743.	1412.	860.
A 65.0		2555.	2572.	2548.	2462.	2395.	2392.	2040.	1601.	1018.
L 62.5		2814.	2829.	2780.	2743.	2730.	2755.	2252.	1752.	1155.
60.0		3082.	3106.	3071.	3092.	3133.	3115.	2421.	1870.	1268.
A 57.5		3447.	3462.	3441.	3480.	3543.	3315.	2561.	1965.	1368.
N 55.0		3857.	3861.	3826.	3878.	3890.	3453.	2677.	2047.	1471.
G 52.5		4259.	4265.	4224.	4245.	4028.	3546.	2775.	2118.	1578.
L 50.0		4571.	4575.	4512.	4401.	4176.	3612.	2857.	2178.	1678.
E 47.5		4703.	4689.	4609.	4564.	4232.	3657.	2919.	2227.	1776.
45.0		4835.	4820.	4749.	4599.	4250.	3659.	2952.	2257.	1875.
44.0<<		4850.	4829.	4750.	4602.	4250.	3651.	2952.	2268.	1916.
42.5		4827.	4818.	4758.	4597.	4235.	3641.	2947.	2297.	1980.
40.0		4848.	4850.	4736.	4540.	4180.	3617.	2937.	2368.	2078.
37.5		4817.	4815.	4685.	4445.	4121.	3568.	2909.	2437.	2168.
35.0		4753.	4742.	4612.	4345.	4031.	3498.	2877.	2506.	2239.
30.0		4518.	4503.	4340.	4083.	3785.	3316.	2919.	2618.	2317.
25.0		4090.	4065.	3926.	3694.	3454.	3160.	2902.	2656.	2358.
20.0		3552.	3543.	3466.	3358.	3207.	2997.	2826.	2620.	2359.
15.0		3144.	3121.	3078.	3032.	2973.	2847.	2703.	2517.	2310.
10.0		2840.	2847.	2848.	2792.	2734.	2607.	2506.	2372.	2235.
5.0		2457.	2444.	2464.	2418.	2393.	2315.	2274.	2214.	2154.
0.0		2069.	2069.	2069.	2069.	2069.	2069.	2069.	2069.	2069.
		PLANE OF MAXIMUM CANDELA								
		CONE OF MAXIMUM CANDELA								

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### CANDELA TABULATION

CANDELA TABULATION		LATERAL ANGLE										
HOUSE SIDE		90.0	95.0	105.0	115.0	125.0	135.0	145.0	155.0	165.0	175.0	180.0
	180.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	175.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	165.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	155.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	145.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	135.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	125.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	115.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	105.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	95.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	90.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	87.5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	85.0	8.	8.	7.	7.	6.	5.	4.	3.	2.	2.	2.
	82.5	8.	8.	8.	7.	6.	5.	4.	3.	2.	2.	2.
V	80.0	8.	8.	8.	8.	7.	5.	4.	3.	2.	2.	2.
E	77.5	9.	8.	12.	17.	8.	5.	5.	3.	2.	2.	2.
R	75.0	21.	19.	24.	19.	11.	6.	5.	4.	3.	2.	2.
T	72.5	95.	54.	46.	18.	14.	7.	5.	5.	5.	5.	5.
I	70.0	204.	100.	65.	20.	14.	9.	6.	6.	8.	7.	7.
C	67.5	322.	168.	85.	23.	14.	10.	8.	9.	11.	10.	10.
A	65.0	440.	263.	107.	37.	14.	11.	11.	12.	15.	15.	15.
L	62.5	561.	357.	125.	63.	17.	11.	12.	14.	17.	18.	18.
	60.0	665.	454.	137.	83.	23.	12.	13.	17.	20.	21.	22.
A	57.5	771.	550.	158.	100.	41.	17.	15.	18.	21.	23.	23.
N	55.0	867.	645.	201.	116.	67.	26.	20.	20.	22.	23.	23.
G	52.5	956.	737.	262.	131.	91.	42.	28.	23.	23.	24.	24.
L	50.0	1043.	821.	336.	149.	108.	68.	38.	32.	29.	27.	27.
E	47.5	1126.	897.	408.	158.	123.	93.	58.	41.	40.	39.	39.
	45.0	1205.	979.	486.	172.	137.	111.	87.	65.	54.	48.	48.
	44.0<<	1235.	1012.	520.	183.	144.	119.	98.	80.	69.	58.	58.
	42.5	1284.	1064.	575.	209.	161.	130.	115.	106.	96.	83.	84.
	40.0	1373.	1153.	679.	285.	185.	155.	149.	150.	149.	139.	140.
	37.5	1464.	1254.	805.	387.	213.	193.	186.	191.	198.	195.	193.
	35.0	1558.	1356.	930.	512.	264.	241.	223.	231.	242.	245.	243.
	30.0	1719.	1544.	1167.	773.	472.	327.	315.	323.	319.	320.	319.
	25.0	1842.	1694.	1377.	1049.	752.	542.	411.	374.	378.	383.	386.
	20.0	1929.	1810.	1556.	1297.	1050.	844.	692.	587.	534.	503.	503.
	15.0	1989.	1898.	1707.	1524.	1339.	1183.	1047.	942.	875.	845.	850.
	10.0	2026.	1966.	1848.	1727.	1615.	1510.	1418.	1356.	1309.	1276.	1288.
	5.0	2048.	2022.	1970.	1919.	1874.	1817.	1768.	1740.	1726.	1691.	1715.
	0.0	2069.	2069.	2069.	2069.	2069.	2069.	2069.	2069.	2069.	2069.	2069.

CONE OF MAXIMUM CANDELA



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### 5-DEGREE ZONAL LUMEN SUMMARY

0- 5	50
5- 10	148
10- 15	241
15- 20	326
20- 25	410
25- 30	496
30- 35	575
35- 40	638
40- 45	686
45- 50	715
50- 55	706
55- 60	644
60- 65	552
65- 70	431
70- 75	248
75- 80	72
80- 85	10
85- 90	1
90- 95	0
95-100	0
100-105	0
105-110	0
110-115	0
115-120	0
120-125	0
125-130	0
130-135	0
135-140	0
140-145	0
145-150	0
150-155	0
155-160	0
160-165	0
165-170	0
170-175	0
175-180	0

### 10-DEGREE ZONAL LUMEN SUMMARY

0- 10	197
0- 20	765
0- 30	1671
0- 40	2885
0- 50	4285
0- 60	5635
0- 70	6617
0- 80	6938
0- 90	6949
0-100	6949
0-110	6949
0-120	6949
0-130	6949
0-140	6949
0-150	6949
0-160	6949
0-170	6949
0-180	6949