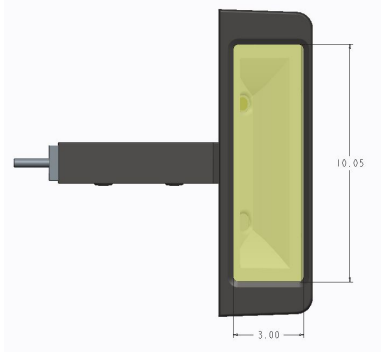


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 20 foot mounting height.



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 ISSUE DATE: 11/07/16 PAGE: 1 OF 9
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: ALEDFC80Y/480,
 WPLEDFC80Y/480 (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.

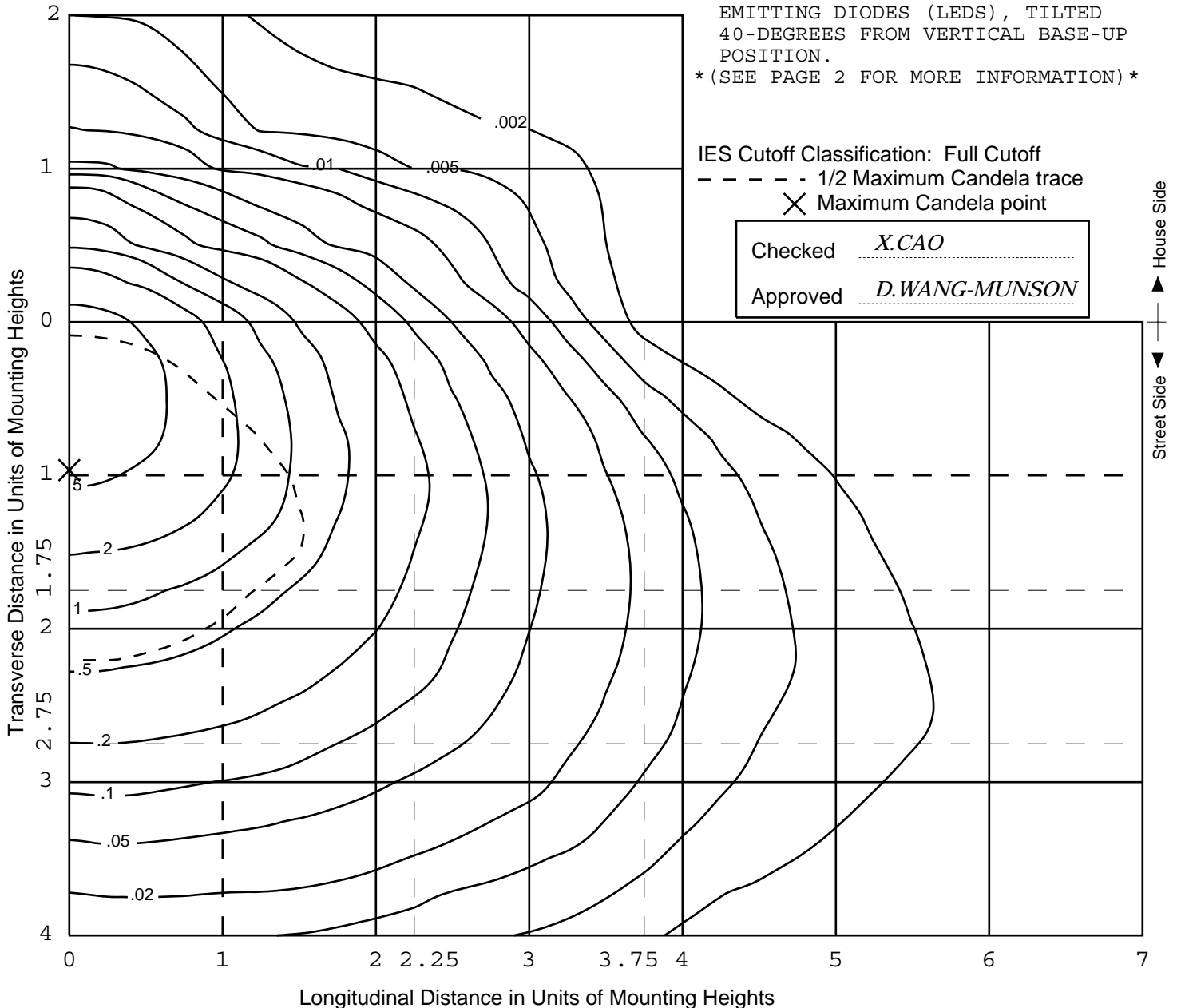
(SEE PAGE 2 FOR MORE INFORMATION)

IES Cutoff Classification: Full Cutoff

--- 1/2 Maximum Candela trace

X Maximum Candela point

Checked X.CAO
 Approved D.WANG-MUNSON



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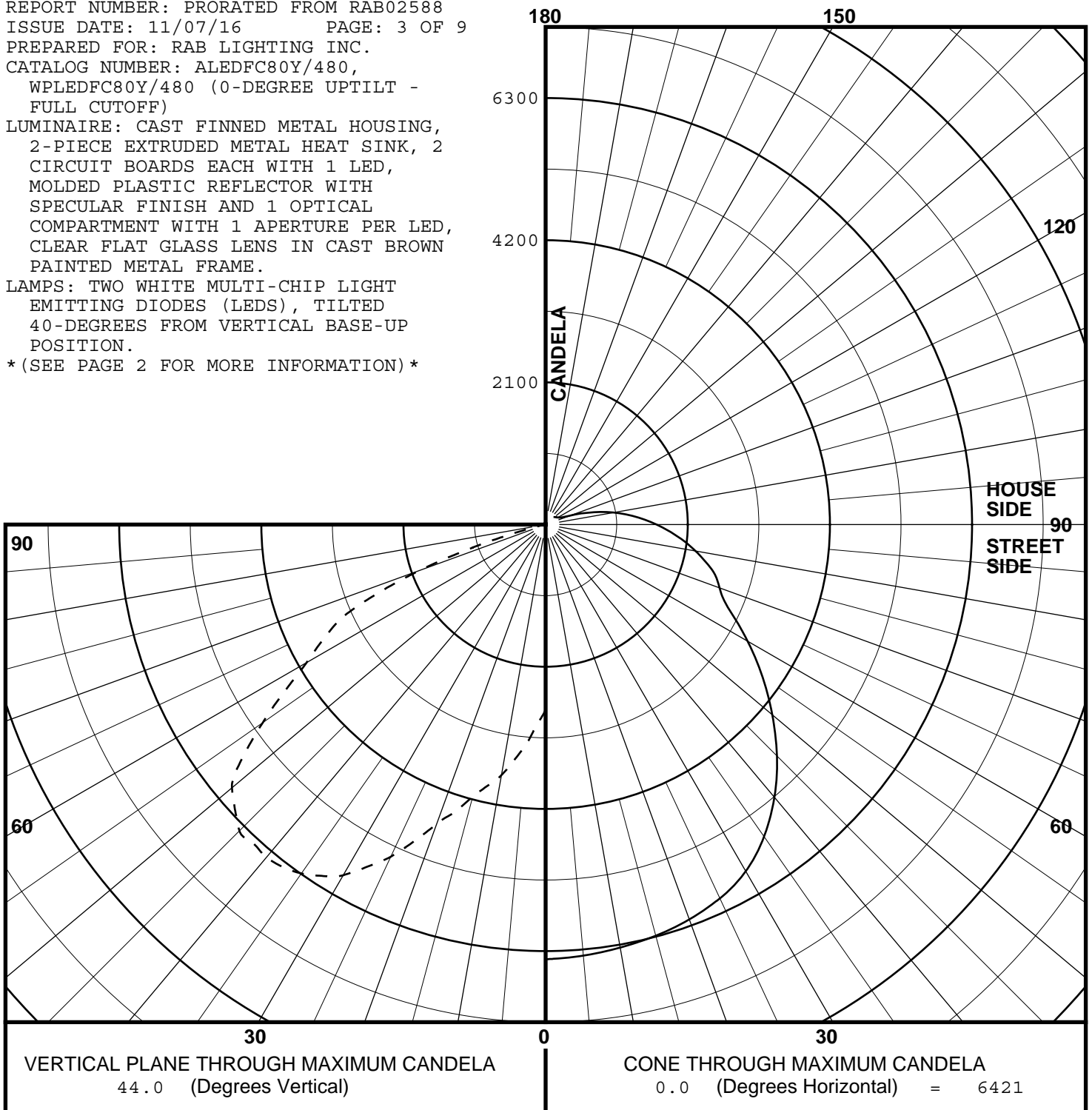
PAGE: 2 OF 9

ADDITIONAL INFORMATION

NOTE: THIS REPORT WAS PRORATED FROM RAB02588 WHICH WAS
ALEDFC80Y/WPLEDFC80Y. ACTUAL PERFORMANCE MAY VARY.
TOTAL INPUT WATTS = 81.6 W AT 480.0 VAC.
LED DRIVER: RD-H100-A2000-480
TEST PROCEDURE: IESNA LM-79-08

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

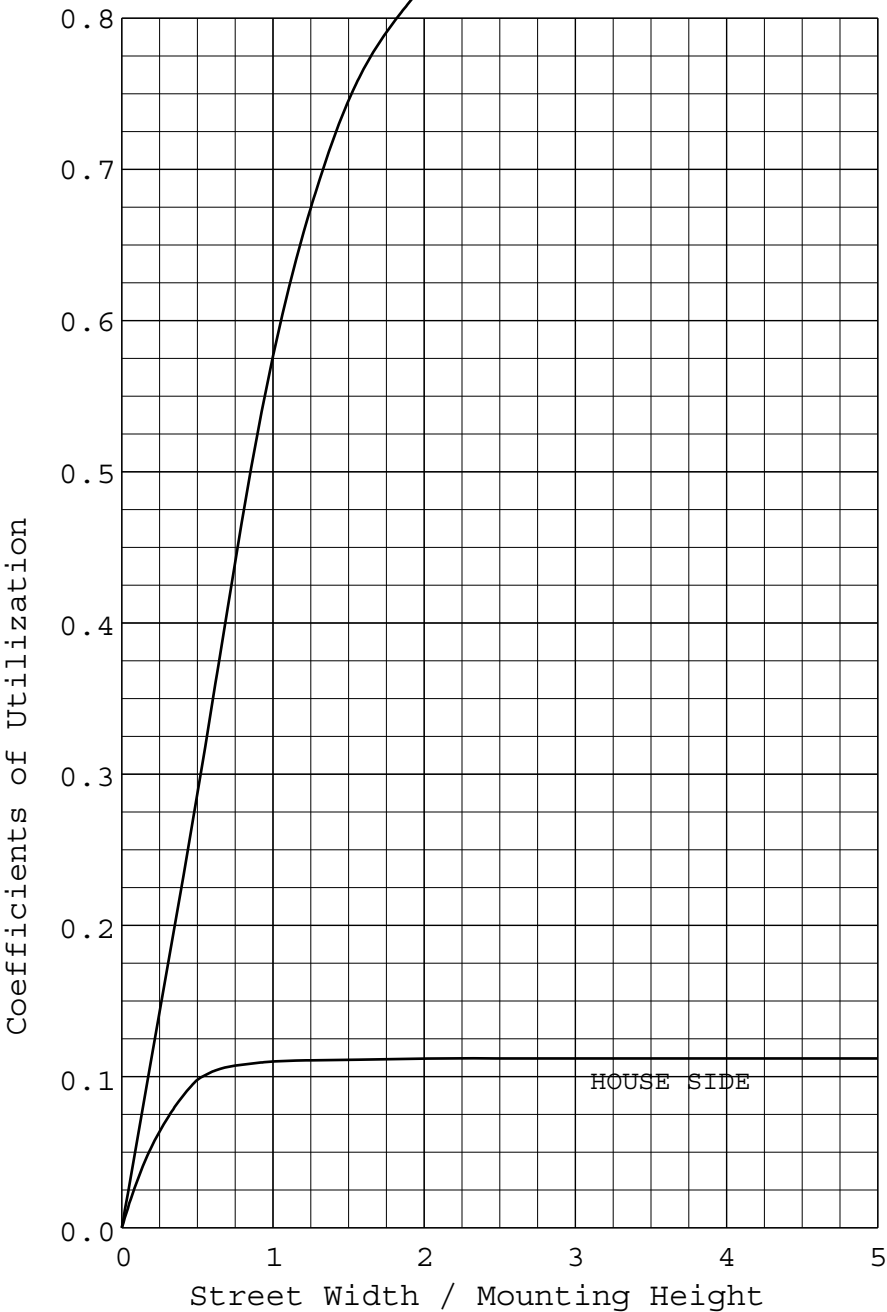
REPORT NUMBER: PRORATED FROM RAB02588
 ISSUE DATE: 11/07/16 PAGE: 3 OF 9
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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	8161.	88.7
DOWNWARD HOUSE SIDE	1037.	11.3
DOWNWARD TOTAL	9198.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	9198.	100.0
TOTAL INPUT WATTS = 81.6		
EFFICACY = 112.7 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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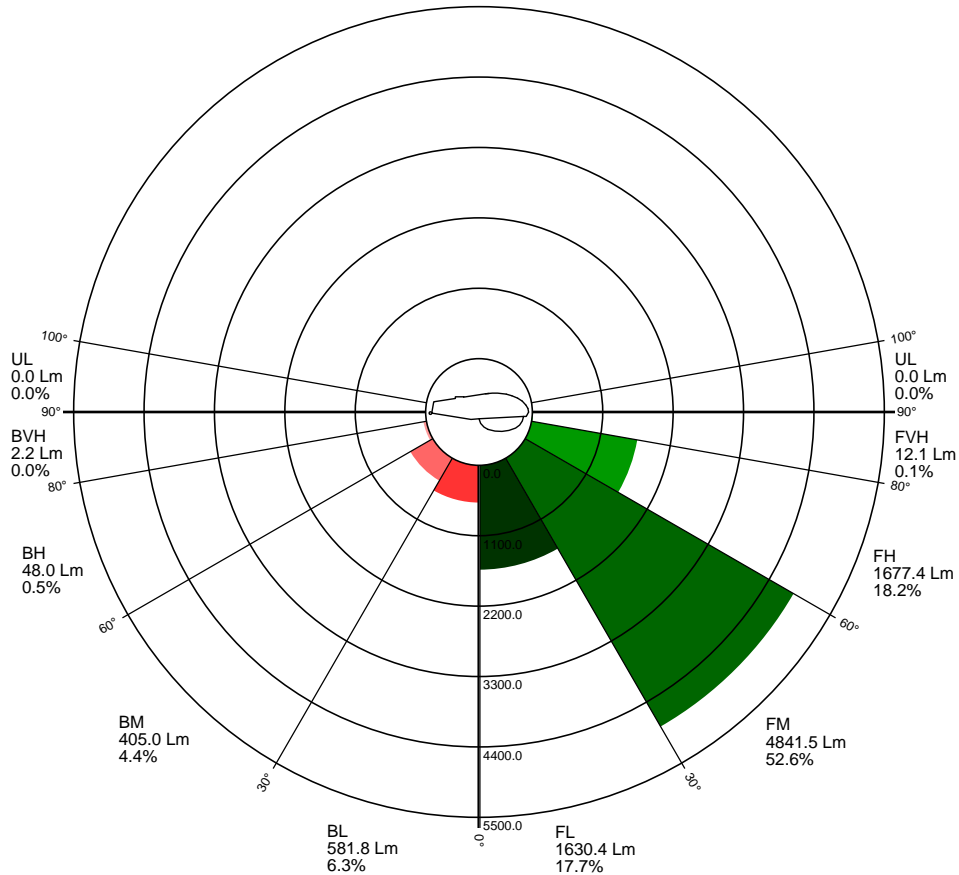
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BUG Rating:				B2 U0 G1		
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		8161	88.7			
FL	(0° - 30°)	1630.4	17.7			
FM	(30° - 60°)	4841.5	52.6			
FH	(60° - 80°)	1677.4	18.2			G1
FVH	(80° - 90°)	12.1	0.1			G1
Backward		1037	11.3			
BL	(0° - 30°)	581.8	6.3	B2		
BM	(30° - 60°)	405.0	4.4	B1		
BH	(60° - 80°)	48.0	0.5	B0		G0
BVH	(80° - 90°)	2.2	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		9198	100.0			

Zonal Lumen Summary

(Linear scale)

UH
0.0 Lm
0.0%

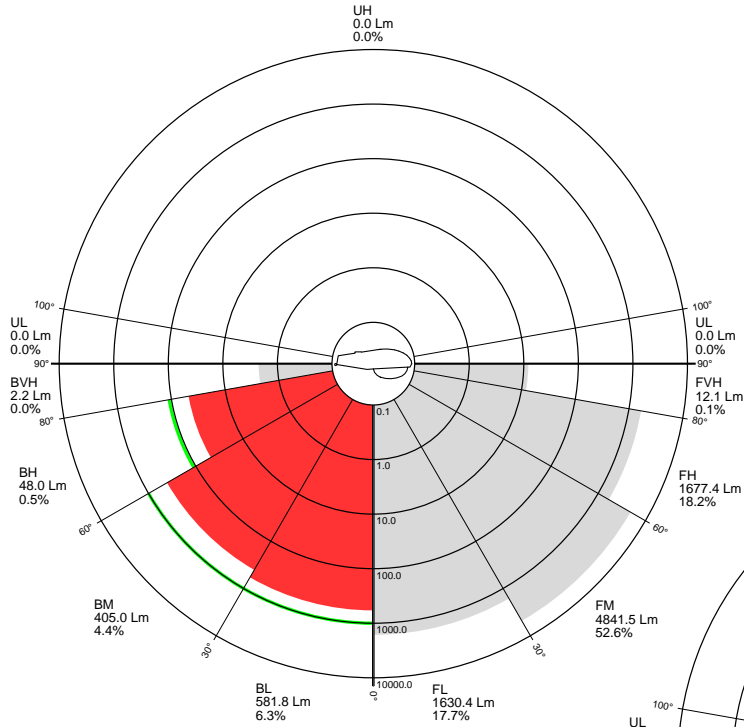


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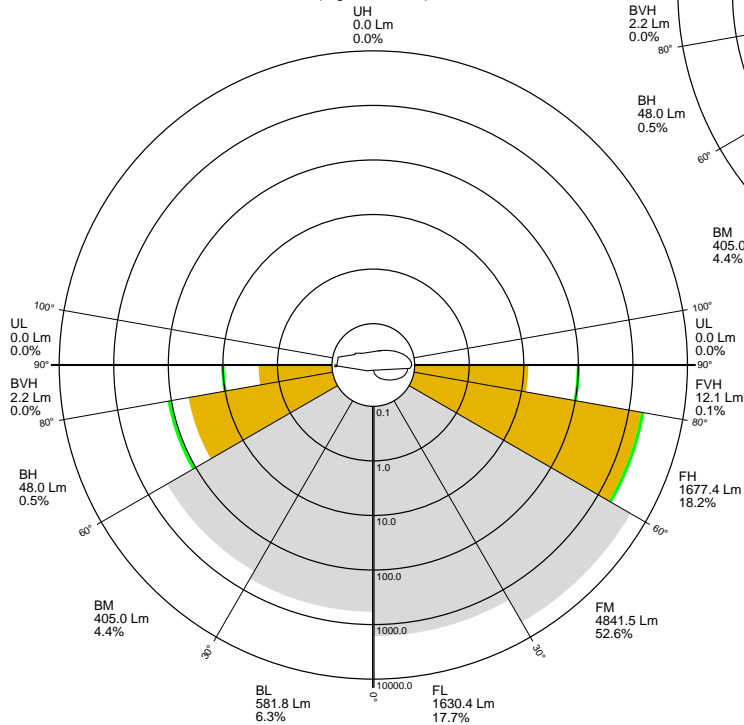
Backlight Rating Details

(Logarithmic scale)



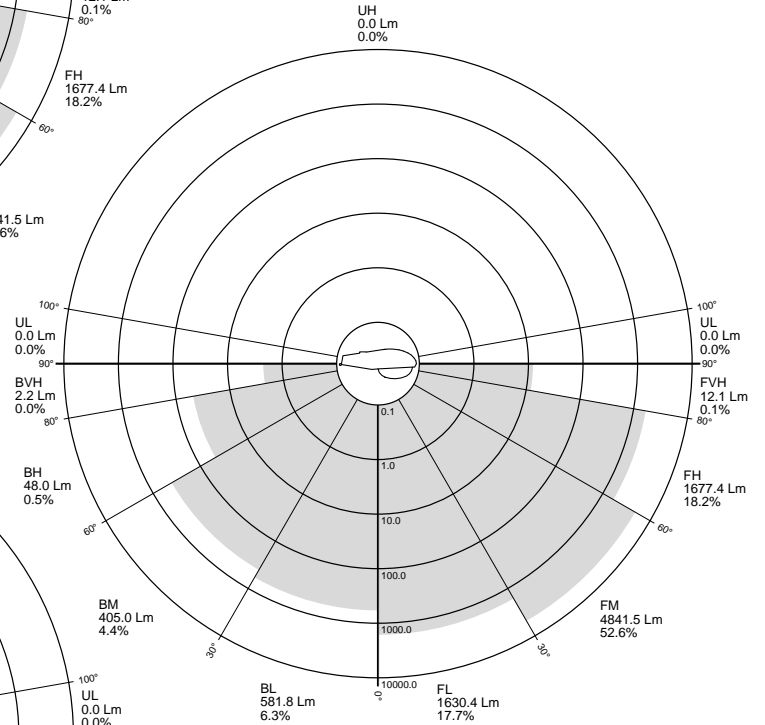
Glare Rating Details

(Logarithmic scale)



Uplight Rating Details

(Logarithmic scale)



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STREET SIDE

LATERAL ANGLE

[illegible]

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	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	10.	10.	9.	9.	8.	7.	5.	4.	3.	2.	2.
	82.5	11.	10.	10.	9.	8.	7.	5.	4.	3.	2.	2.
V	80.0	11.	11.	11.	11.	9.	7.	5.	4.	3.	2.	2.
E	77.5	12.	11.	16.	23.	10.	7.	6.	4.	3.	2.	2.
R	75.0	28.	25.	32.	25.	15.	8.	6.	5.	4.	3.	3.
T	72.5	126.	71.	61.	24.	18.	9.	7.	6.	7.	6.	6.
I	70.0	270.	132.	86.	26.	19.	12.	8.	8.	10.	9.	9.
C	67.5	426.	222.	112.	30.	18.	13.	11.	12.	14.	13.	13.
A	65.0	582.	349.	142.	49.	19.	14.	14.	16.	20.	20.	20.
L	62.5	742.	473.	166.	84.	23.	15.	16.	19.	23.	24.	24.
	60.0	880.	601.	181.	110.	31.	16.	17.	22.	27.	28.	29.
A	57.5	1020.	728.	210.	133.	54.	23.	20.	24.	28.	30.	31.
N	55.0	1148.	854.	266.	154.	89.	34.	26.	27.	29.	31.	31.
G	52.5	1266.	976.	347.	174.	120.	56.	37.	31.	31.	32.	32.
L	50.0	1381.	1087.	445.	197.	143.	90.	50.	42.	38.	36.	36.
E	47.5	1491.	1187.	540.	210.	163.	123.	77.	54.	53.	52.	52.
	45.0	1595.	1296.	643.	228.	182.	147.	115.	86.	72.	64.	64.
	44.0<<	1635.	1340.	688.	243.	191.	158.	130.	106.	91.	77.	77.
	42.5	1699.	1409.	761.	277.	213.	172.	153.	141.	127.	110.	111.
	40.0	1817.	1527.	899.	377.	245.	206.	198.	199.	197.	184.	186.
	37.5	1938.	1660.	1065.	512.	282.	256.	247.	253.	262.	259.	256.
	35.0	2062.	1795.	1231.	678.	350.	319.	296.	306.	321.	324.	322.
	30.0	2276.	2044.	1544.	1023.	625.	433.	417.	428.	423.	424.	423.
	25.0	2439.	2242.	1822.	1389.	995.	717.	544.	496.	501.	508.	510.
	20.0	2553.	2396.	2060.	1717.	1390.	1117.	916.	777.	706.	666.	666.
	15.0	2633.	2513.	2260.	2018.	1772.	1565.	1386.	1247.	1159.	1119.	1125.
	10.0	2681.	2602.	2447.	2286.	2138.	1999.	1877.	1795.	1732.	1689.	1704.
	5.0	2711.	2676.	2607.	2541.	2481.	2405.	2341.	2304.	2285.	2238.	2270.
	0.0	2738.	2738.	2738.	2738.	2738.	2738.	2738.	2738.	2738.	2738.	2738.

CONE OF MAXIMUM CANDELA

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5-DEGREE ZONAL LUMEN SUMMARY

0- 5	66
5- 10	196
10- 15	319
15- 20	432
20- 25	543
25- 30	657
30- 35	761
35- 40	845
40- 45	908
45- 50	946
50- 55	934
55- 60	852
60- 65	730
65- 70	571
70- 75	329
75- 80	95
80- 85	13
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	261
0- 20	1013
0- 30	2212
0- 40	3818
0- 50	5673
0- 60	7459
0- 70	8760
0- 80	9184
0- 90	9198
0-100	9198
0-110	9198
0-120	9198
0-130	9198
0-140	9198
0-150	9198
0-160	9198
0-170	9198
0-180	9198