

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 15 foot mounting height.



REPORT NUMBER: SCALED FROM RAB01048
ISSUE DATE: 08/03/15 PAGE: 1 OF 9
DATE SAMPLE TESTED: 08/03/15
PREPARED FOR: RAB LIGHTING INC.
CATALOG NUMBER: ALED5T26/480 (TYPE V - Short - Semicutoff)

LUMINAIRE: CAST BROWN PAINTED METAL POSTTOP FITTER WITH 3 FABRICATED BROWN PAINTED METAL VERTICAL POSTS, CAST 2-PIECE BROWN PAINTED FINNED METAL HOUSING, 4 CAST METAL HEAT SINKS/CIRCUIT BOARD MOUNTING BRACKETS, 4 CIRCUIT BOARDS EACH WITH 1 LED AND MOLDED PLASTIC CIRCUIT BOARD PERIMETER OVERLAY WITH SPECULAR FINISH, MOLDED PLASTIC REFLECTOR WITH SPECULAR FINISH AND 1 APERTURE PER LED, CLEAR FLAT GLASS LENS IN CAST BROWN PAINTED METAL FRAME.

(SEE PAGE 2 FOR MORE INFORMATION)

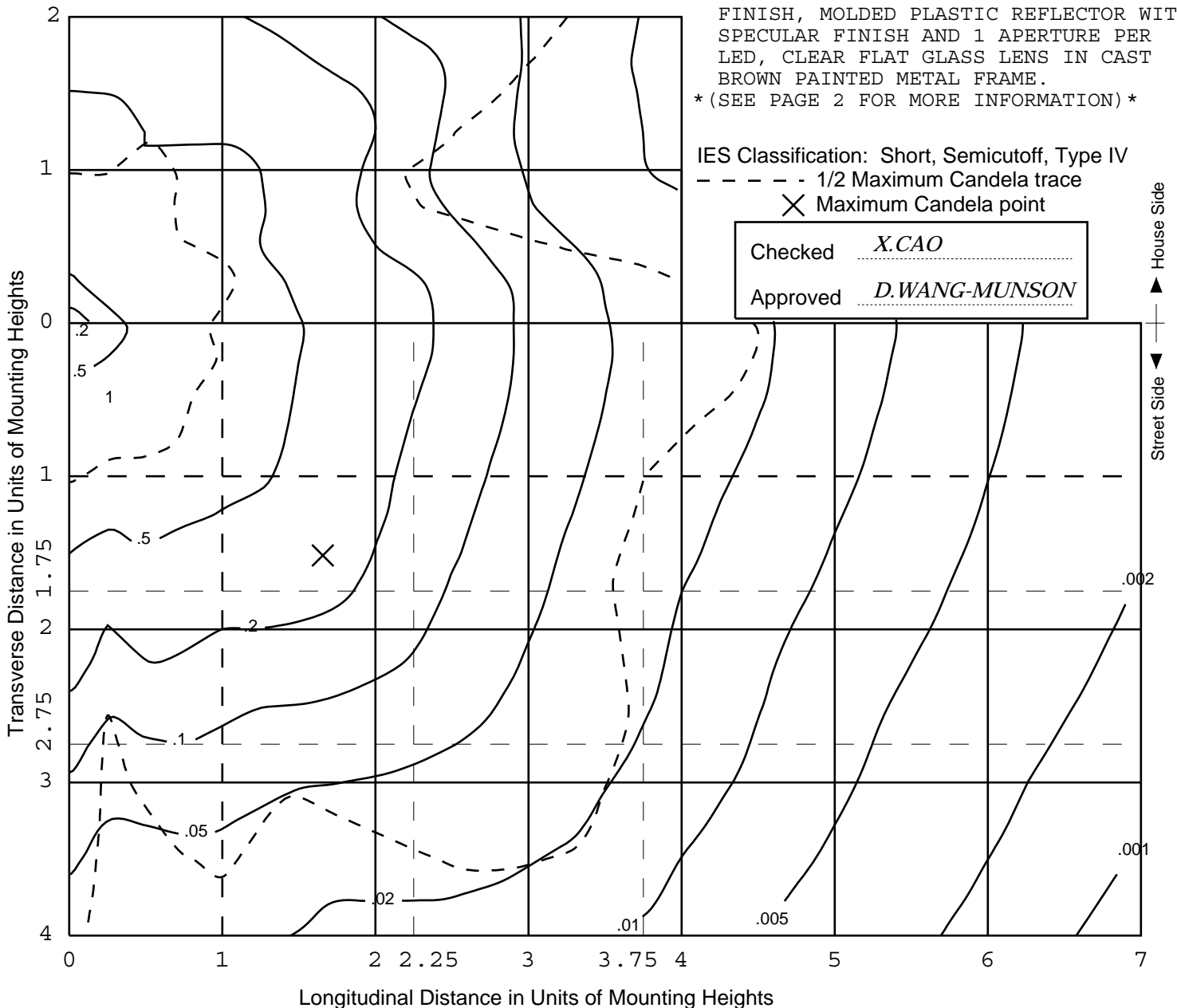
IES Classification: Short, Semicutoff, Type IV

--- 1/2 Maximum Candela trace

× Maximum Candela point

Checked X.CAO

Approved D.WANG-MUNSON



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ADDITIONAL INFORMATION

LAMPS: FOUR WHITE MULTI-CHIP LIGHT EMITTING DIODES (LEDS), AIMED AT THE HORIZON.

TOTAL INPUT WATTS = 27.254 AT 480.0 VOLTS

LED DRIVERS: RD-LT40-A0700-60PF

NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT VOLTAGE TO THE LED DRIVERS.

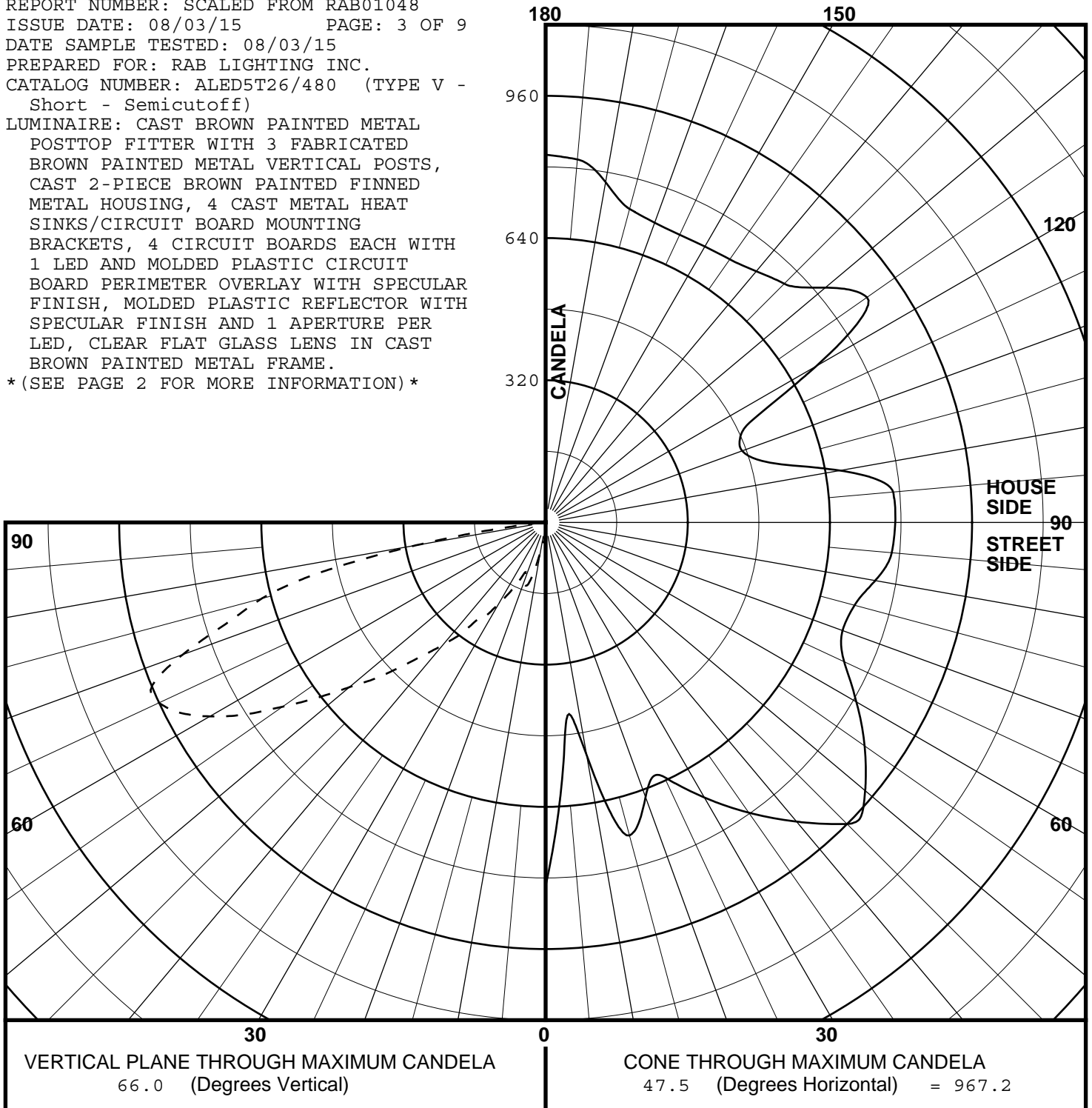
TEST PROCEDURE: IESNA LM-79-08

TEST DISTANCE = 28.25 FEET

ACCREDITED LABORATORY CODE 201058-0

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

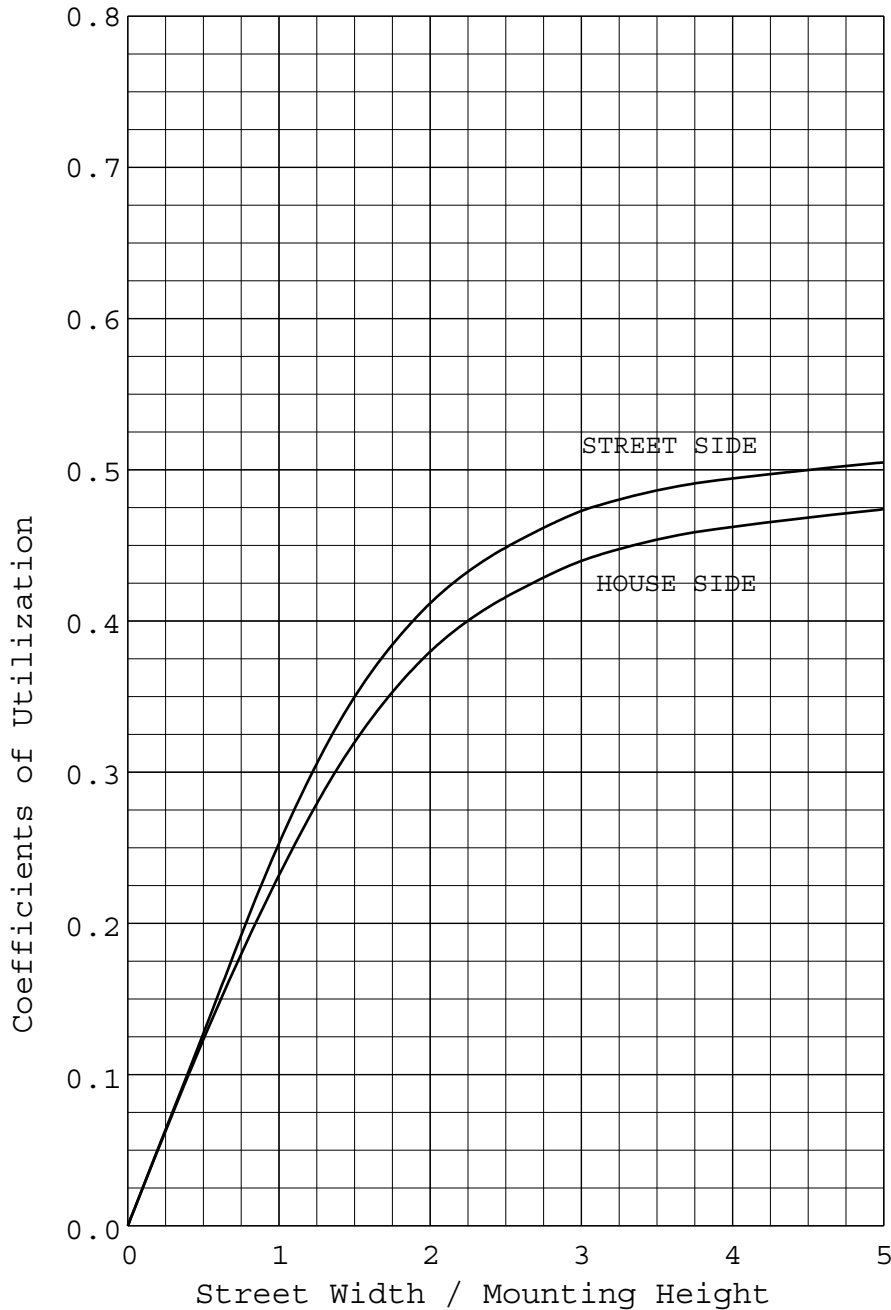
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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	1332.	51.4
DOWNWARD HOUSE SIDE	1253.	48.3
DOWNWARD TOTAL	2585.	99.7
UPWARD STREET SIDE	4.	0.1
UPWARD HOUSE SIDE	4.	0.2
UPWARD TOTAL	8.	0.3
TOTAL FLUX	2593.	100.0
TOTAL INPUT WATTS = 27.254		
EFFICACY = 95.1 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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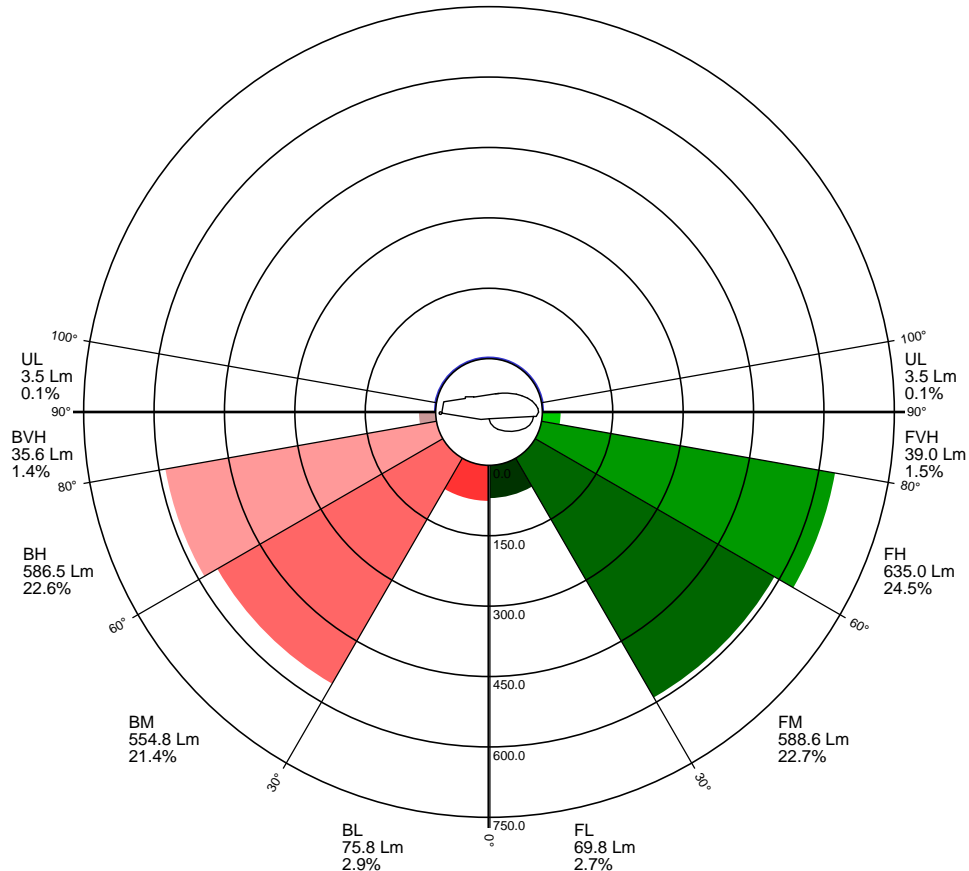
PAGE: 5 OF 9
 DATE SAMPLE TESTED: 08/03/15

BUG Rating:				B2 U1 G1		
Zonal Summary				Zone Ratings		
				B	U	G
Forward		1332	51.4			
FL	(0° - 30°)	69.8	2.7			
FM	(30° - 60°)	588.6	22.7			
FH	(60° - 80°)	635.0	24.5			G0
FVH	(80° - 90°)	39.0	1.5			G1
Backward		1253	48.3			
BL	(0° - 30°)	75.8	2.9	B0		
BM	(30° - 60°)	554.8	21.4	B1		
BH	(60° - 80°)	586.5	22.6	B2		G0
BVH	(80° - 90°)	35.6	1.4			G1
Upward		8	0.3			
UL	(90° - 100°)	3.5	0.1		U1	
UH	(100° - 180°)	4.6	0.2		U1	
Trapped Light		0	0.0			
Total Flux		2593	100.0			

Zonal Lumen Summary

(Linear scale)

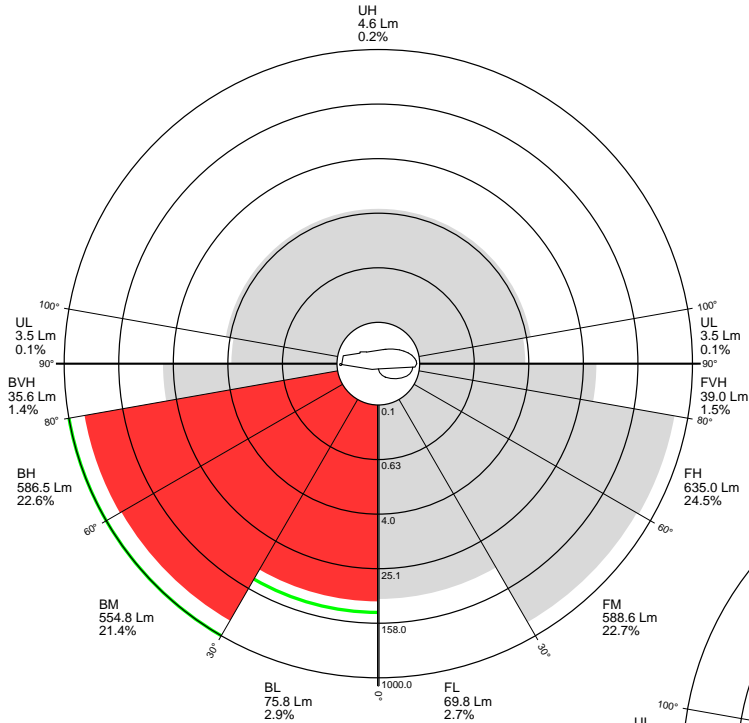
UH
4.6 Lm
0.2%



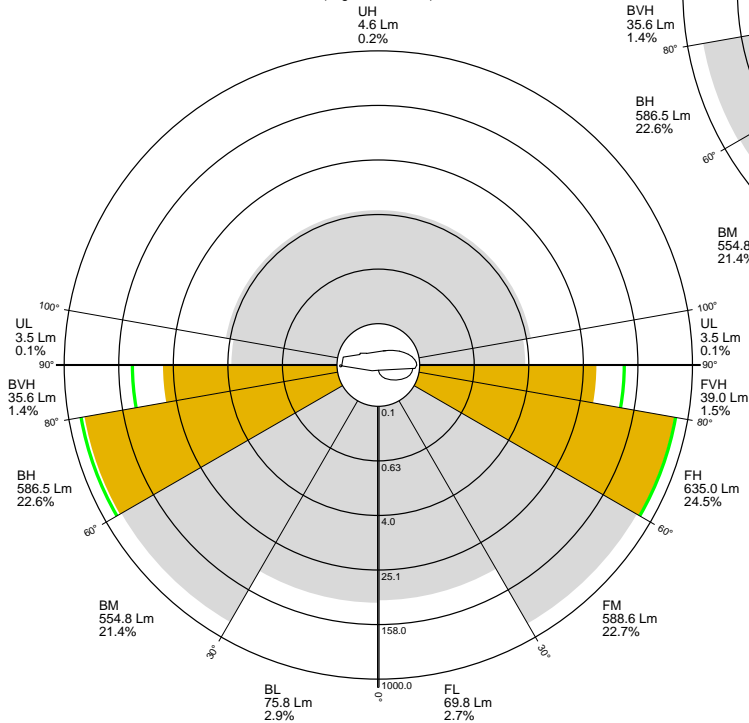
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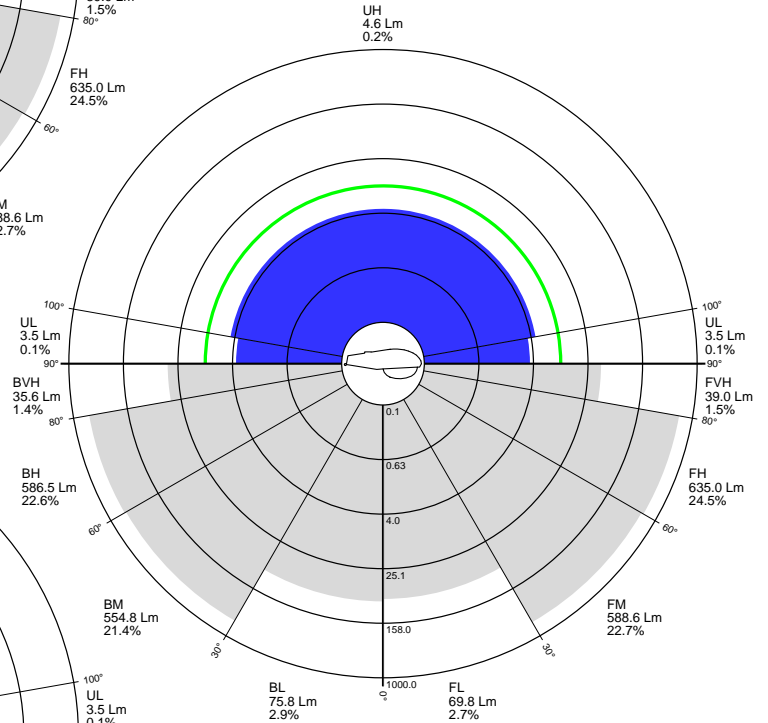
Backlight Rating Details (Logarithmic scale)



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	47.5	55.0	65.0	75.0	85.0	
	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.	1.	0.	0.	0.	0.	0.	1.	1.	0.	
	115.0	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	
	105.0	3.	4.	4.	3.	3.	2.	2.	2.	3.	3.	
	95.0	3.	4.	4.	3.	3.	4.	3.	3.	3.	3.	
	90.0	3.	3.	3.	3.	3.	4.	4.	5.	4.	3.	
	87.5	8.	6.	6.	5.	6.	8.	8.	8.	7.	8.	
	85.0	23.	17.	17.	15.	19.	27.	26.	24.	24.	28.	
	82.5	142.	95.	114.	100.	104.	115.	106.	113.	139.	163.	
V	80.0	337.	239.	256.	216.	298.	327.	297.	292.	263.	322.	
E	77.5	476.	357.	380.	300.	464.	549.	519.	478.	381.	479.	
R	75.0	568.	389.	493.	424.	562.	679.	661.	605.	517.	552.	
T	72.5	639.	429.	575.	517.	649.	782.	751.	674.	618.	601.	
I	70.0	688.	455.	646.	577.	763.	897.	870.	776.	675.	680.	
C	67.5	785.	488.	706.	617.	807.	962.	959.	859.	728.	760.	
A	66.0<<	818.	493.	729.	632.	797.	960.	967.	877.	742.	782.	
L	65.0	795.	458.	720.	644.	791.	950.	961.	886.	744.	756.	
	62.5	733.	410.	715.	656.	805.	884.	928.	859.	748.	719.	
A	60.0	708.	407.	714.	676.	768.	805.	873.	829.	748.	702.	
N	57.5	678.	404.	697.	677.	716.	751.	805.	794.	728.	687.	
G	55.0	645.	393.	676.	662.	663.	676.	723.	748.	694.	668.	
L	52.5	627.	385.	657.	645.	596.	615.	648.	704.	650.	643.	
E	50.0	578.	370.	622.	611.	551.	560.	577.	650.	609.	609.	
	47.5	525.	341.	578.	565.	490.	515.	520.	593.	554.	556.	
	45.0	461.	311.	529.	526.	442.	459.	458.	533.	509.	503.	
	42.5	402.	284.	488.	484.	405.	409.	404.	477.	468.	456.	
	40.0	359.	265.	456.	444.	360.	343.	360.	385.	414.	432.	
	37.5	349.	262.	417.	398.	341.	294.	320.	305.	350.	422.	
	35.0	323.	255.	382.	374.	345.	287.	265.	261.	302.	387.	
	30.0	276.	259.	362.	358.	334.	232.	211.	203.	231.	360.	
	25.0	214.	218.	309.	293.	265.	176.	153.	101.	158.	256.	
	20.0	142.	166.	213.	194.	166.	141.	142.	128.	126.	136.	
	15.0	94.	96.	108.	110.	124.	128.	137.	129.	116.	78.	
	10.0	42.	42.	47.	55.	62.	61.	64.	63.	58.	42.	
	5.0	27.	27.	28.	31.	37.	43.	42.	40.	32.	28.	
	0.0	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	
							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.	1.	1.
135.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
125.0	0.	0.	1.	1.	1.	0.	0.	0.	0.	1.	1.
115.0	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
105.0	2.	3.	4.	4.	4.	4.	3.	3.	2.	2.	2.
95.0	3.	3.	4.	4.	4.	4.	3.	3.	4.	3.	3.
90.0	3.	3.	3.	3.	3.	3.	3.	3.	4.	5.	5.
87.5	8.	7.	5.	5.	6.	7.	5.	5.	8.	10.	13.
85.0	26.	24.	16.	14.	19.	22.	21.	20.	23.	27.	31.
82.5	164.	156.	78.	68.	101.	83.	87.	107.	129.	148.	166.
V 80.0	346.	289.	170.	177.	287.	249.	235.	240.	282.	331.	345.
E 77.5	480.	423.	254.	276.	461.	414.	380.	354.	405.	510.	528.
R 75.0	546.	510.	307.	358.	569.	494.	488.	494.	528.	599.	634.
T 72.5	569.	562.	372.	416.	650.	531.	544.	594.	606.	640.	659.
I 70.0	687.	665.	447.	445.	763.	650.	642.	661.	680.	707.	723.
C 67.5	757.	750.	494.	473.	868.	744.	712.	698.	730.	807.	830.
A 66.0<<	787.	785.	521.	490.	883.	760.	723.	714.	730.	820.	828.
L 65.0	776.	761.	518.	494.	874.	753.	724.	705.	711.	790.	795.
62.5	735.	725.	529.	514.	830.	735.	719.	682.	708.	747.	749.
A 60.0	712.	704.	553.	530.	801.	729.	701.	643.	694.	718.	715.
N 57.5	687.	675.	565.	529.	768.	719.	669.	584.	675.	694.	682.
G 55.0	664.	635.	564.	521.	728.	694.	605.	512.	647.	665.	656.
L 52.5	654.	606.	561.	514.	683.	653.	522.	457.	618.	642.	634.
E 50.0	617.	548.	533.	505.	632.	602.	458.	407.	574.	603.	601.
47.5	570.	474.	485.	485.	589.	560.	395.	372.	528.	552.	548.
45.0	513.	400.	423.	460.	535.	500.	346.	336.	480.	495.	494.
42.5	461.	335.	371.	439.	490.	449.	311.	317.	443.	447.	446.
40.0	432.	297.	330.	410.	437.	405.	286.	300.	412.	415.	408.
37.5	421.	286.	293.	380.	409.	382.	275.	276.	359.	380.	375.
35.0	380.	264.	262.	354.	378.	362.	265.	268.	312.	332.	345.
30.0	311.	261.	255.	345.	348.	340.	288.	258.	250.	314.	309.
25.0	220.	216.	229.	280.	290.	289.	264.	197.	206.	267.	266.
20.0	116.	119.	162.	212.	218.	218.	200.	150.	139.	173.	201.
15.0	74.	74.	91.	128.	139.	142.	138.	116.	100.	94.	95.
10.0	41.	42.	49.	55.	59.	54.	52.	46.	46.	46.	45.
5.0	28.	28.	28.	31.	33.	35.	35.	32.	31.	30.	30.
0.0	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.

CONE OF MAXIMUM CANDELA

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5-DEGREE ZONAL LUMEN SUMMARY

0- 5	1
5- 10	3
10- 15	10
15- 20	23
20- 25	43
25- 30	67
30- 35	91
35- 40	117
40- 45	156
45- 50	207
50- 55	262
55- 60	310
60- 65	346
65- 70	360
70- 75	304
75- 80	212
80- 85	70
85- 90	5
90- 95	2
95-100	2
100-105	2
105-110	1
110-115	1
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	4
0- 20	36
0- 30	146
0- 40	354
0- 50	717
0- 60	1289
0- 70	1995
0- 80	2511
0- 90	2585
0-100	2589
0-110	2592
0-120	2593
0-130	2593
0-140	2593
0-150	2593
0-160	2593
0-170	2593
0-180	2593