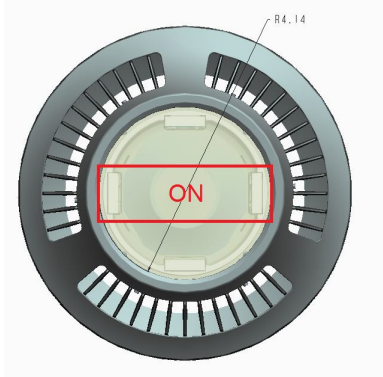
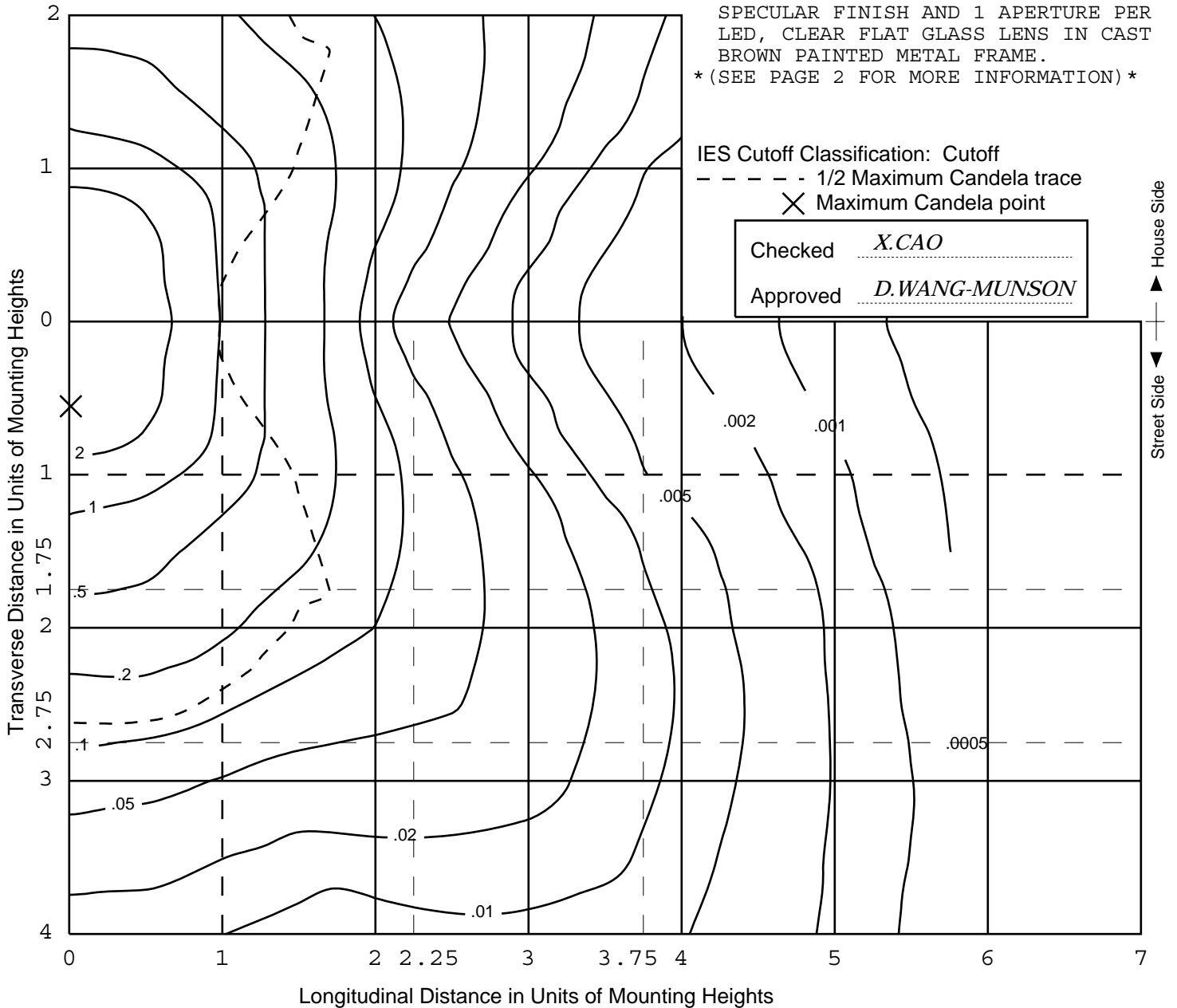


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 12 foot mounting height.



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 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: CLED52/BL or PLED52/BL
 (w/ center reflector & clear flat glass lens - ceiling or pendent mount)
 LUMINAIRE: 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)



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ADDITIONAL INFORMATION

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

TOTAL INPUT WATTS = 29.069 AT 277.0 VOLTS

LED DRIVERS: RAB RD26S

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

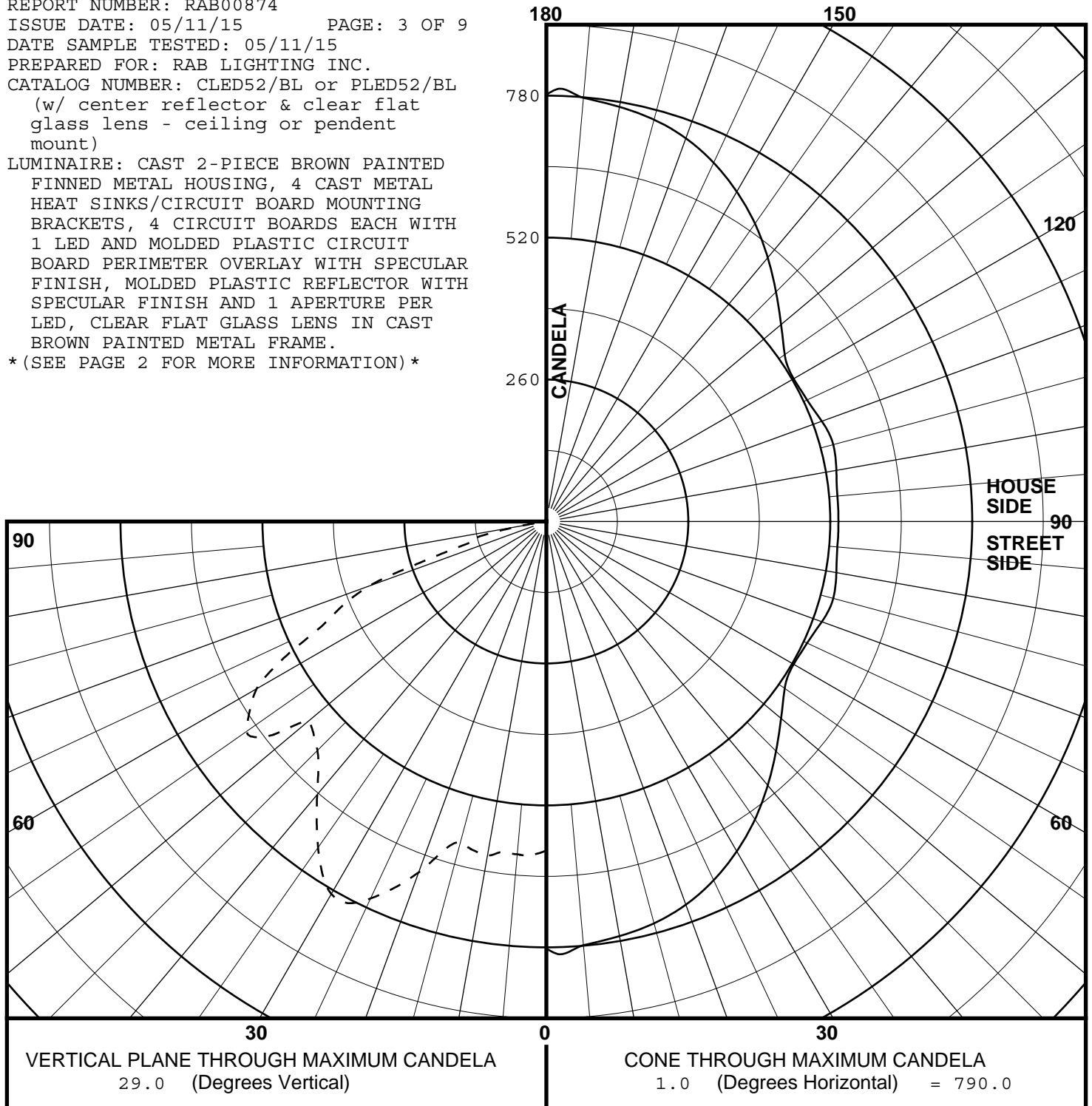
TEST PROCEDURE: IESNA LM-79-08

TEST DISTANCE = 28.25 FEET

NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

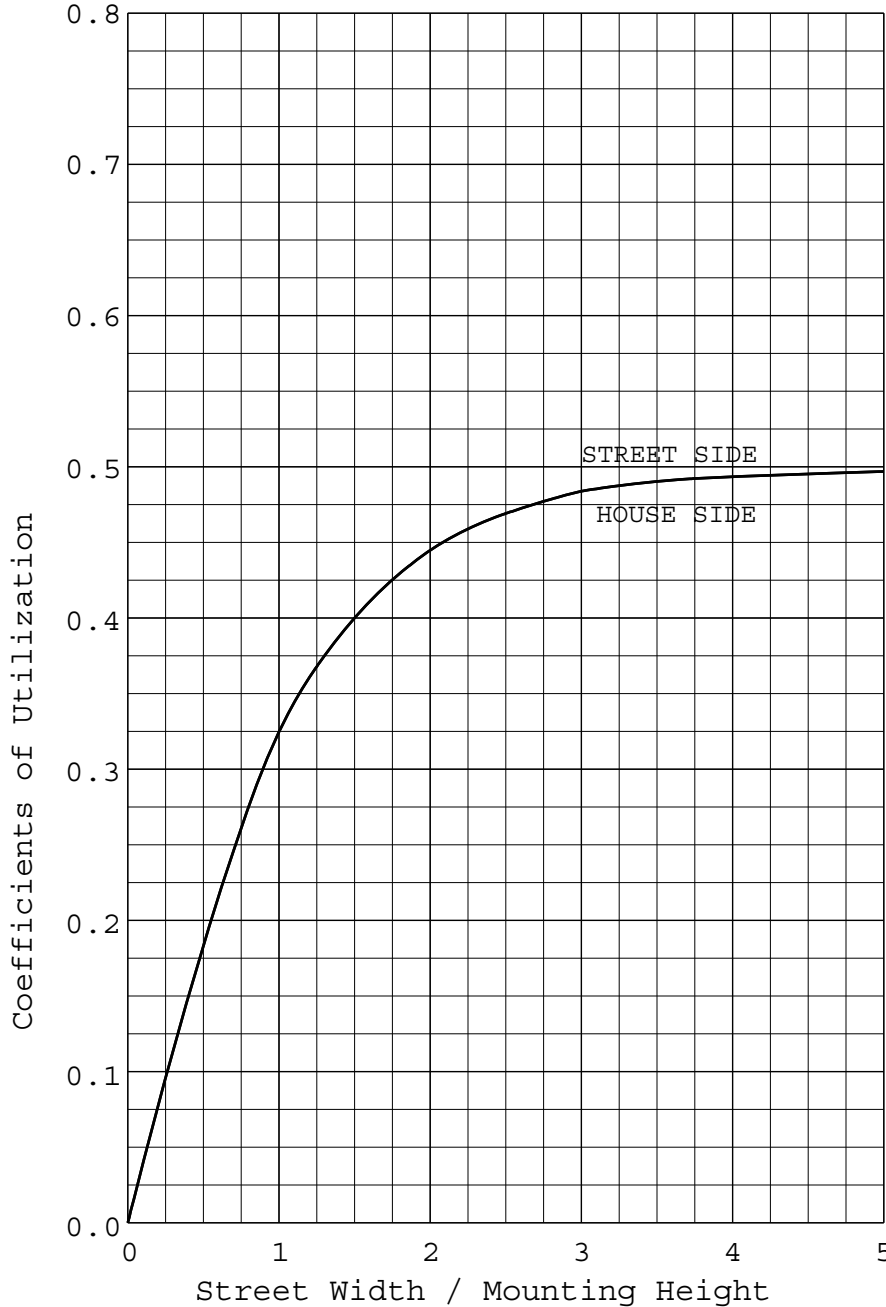
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 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: CLED52/BL or PLED52/BL
 (w/ center reflector & clear flat glass lens - ceiling or pendent mount)
 LUMINAIRE: CAST 2-PIECE BROWN PAINTED FINNED METAL HOUSING, 4 CAST METAL HEAT SINKS/CIRCUIT BOARD MOUNTING 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.
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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	1145.	50.0
DOWNWARD HOUSE SIDE	1145.	50.0
DOWNWARD TOTAL	2290.	99.9
UPWARD STREET SIDE	1.	0.0
UPWARD HOUSE SIDE	1.	0.0
UPWARD TOTAL	1.	0.1
TOTAL FLUX	2291.	100.0
TOTAL INPUT WATTS = 29.1		
EFFICACY = 78.7 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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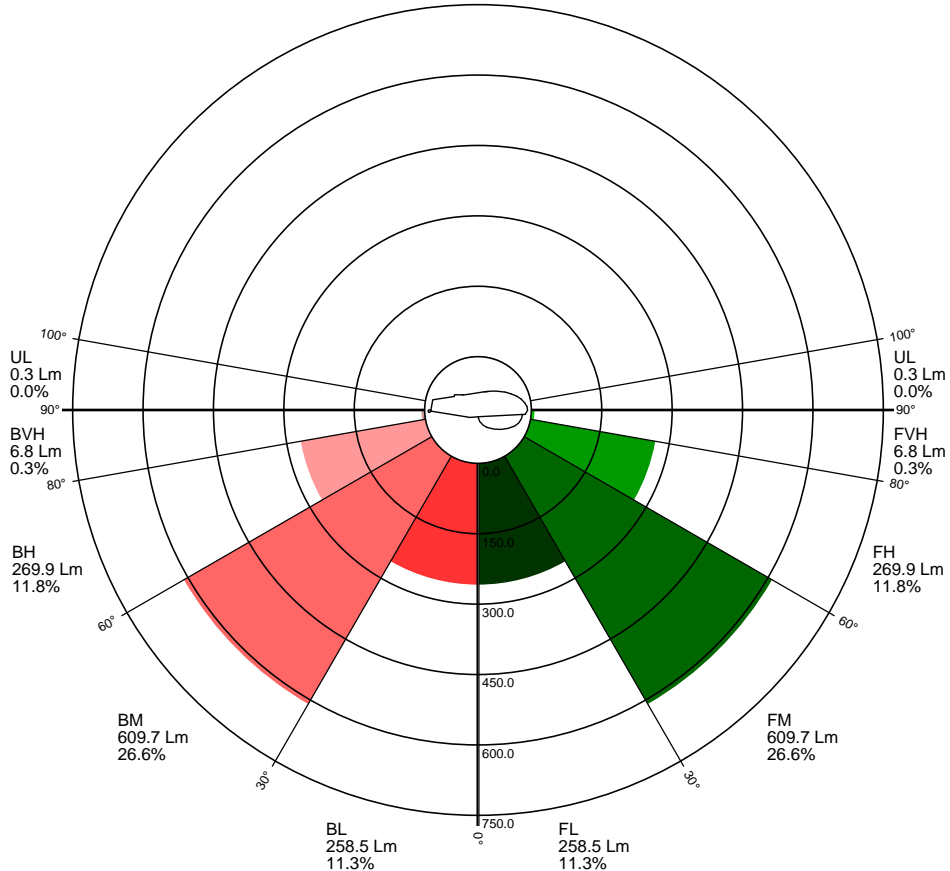
PAGE: 5 OF 9
 DATE SAMPLE TESTED: 05/11/15

BUG Rating:			B1	U1	G1	
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		1145	50.0			
FL	(0° - 30°)	258.5	11.3			
FM	(30° - 60°)	609.7	26.6			
FH	(60° - 80°)	269.9	11.8			G0
FVH	(80° - 90°)	6.8	0.3			G0
Backward		1145	50.0			
BL	(0° - 30°)	258.5	11.3	B1		
BM	(30° - 60°)	609.7	26.6	B1		
BH	(60° - 80°)	269.9	11.8	B1		G1
BVH	(80° - 90°)	6.8	0.3			G0
Upward		1	0.1			
UL	(90° - 100°)	0.3	0.0		U1	
UH	(100° - 180°)	1.1	0.0		U1	
Trapped Light		0	0.0			
Total Flux		2291	100.0			

Zonal Lumen Summary

(Linear scale)

UH
1.1 Lm
0.0%

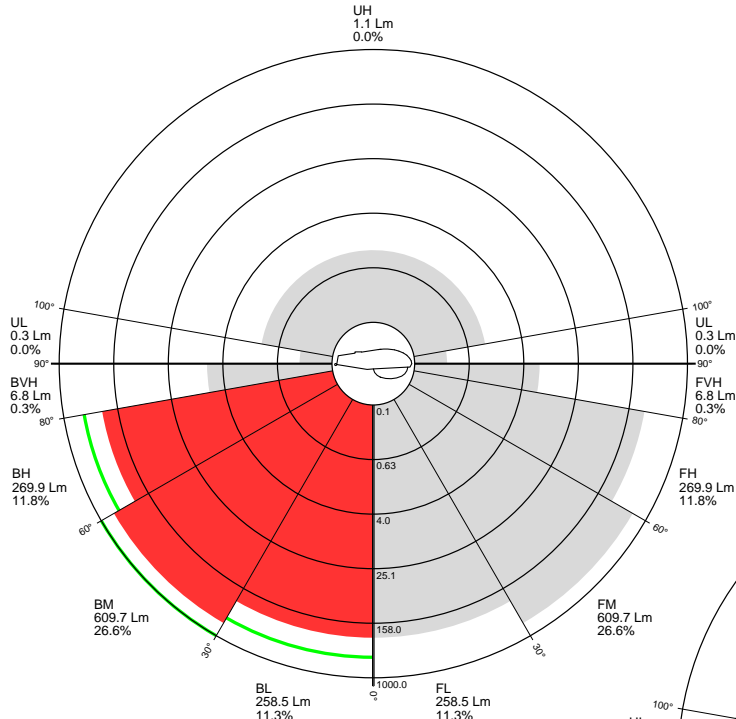


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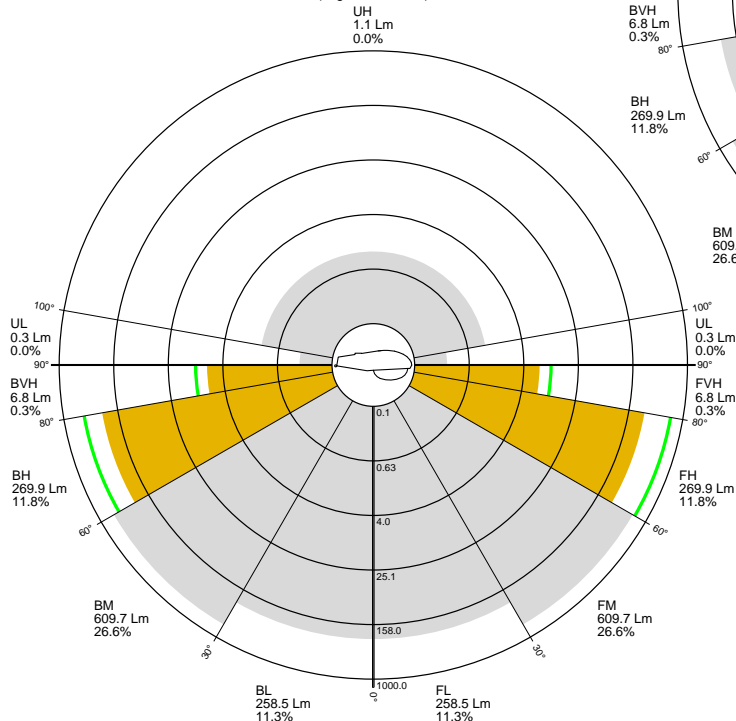
Backlight Rating Details

(Logarithmic scale)



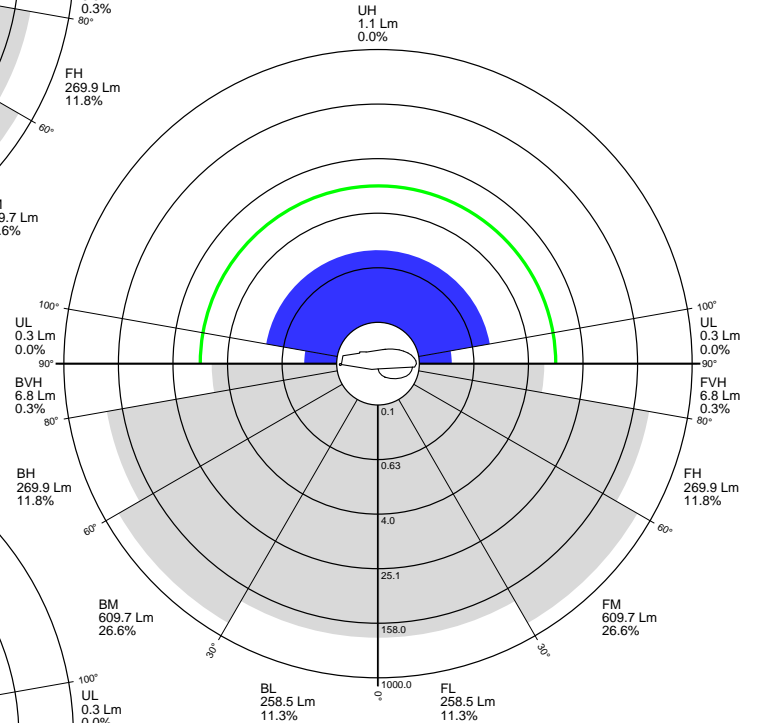
Glare Rating Details

(Logarithmic scale)



Uplight Rating Details

(Logarithmic scale)



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CANDELA TABULATION
 STREET SIDE

	LATERAL ANGLE										
	0.0	1.0	5.0	15.0	25.0	35.0	45.0	55.0	65.0	75.0	85.0
	180.0	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	175.0	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.
	165.0	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.
	155.0	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.
	145.0	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.
	135.0	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.
	125.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	115.0	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.
	105.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	95.0	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.
	90.0	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.
	87.5	0.	0.	1.	0.	0.	1.	2.	1.	1.	1.
	85.0	3.	2.	3.	3.	2.	5.	11.	4.	3.	2.
	82.5	22.	7.	23.	10.	8.	33.	41.	15.	9.	7.
V	80.0	87.	54.	85.	30.	25.	98.	142.	79.	38.	18.
E	77.5	143.	125.	138.	79.	65.	179.	286.	201.	99.	40.
R	75.0	167.	136.	172.	141.	142.	257.	369.	281.	145.	50.
T	72.5	286.	216.	275.	251.	240.	318.	391.	305.	191.	70.
I	70.0	380.	346.	374.	372.	352.	364.	385.	315.	223.	103.
C	67.5	421.	405.	439.	476.	440.	396.	395.	333.	245.	145.
A	65.0	488.	454.	506.	561.	501.	419.	412.	354.	268.	173.
L	62.5	572.	543.	580.	608.	529.	444.	436.	382.	289.	195.
	60.0	626.	613.	627.	624.	535.	472.	465.	409.	310.	217.
A	57.5	653.	644.	649.	613.	526.	498.	497.	433.	339.	244.
N	55.0	663.	670.	653.	574.	529.	531.	530.	458.	367.	280.
G	52.5	617.	648.	606.	545.	556.	563.	554.	481.	388.	320.
L	50.0	573.	569.	569.	549.	578.	588.	573.	502.	405.	355.
E	47.5	585.	578.	585.	572.	606.	623.	596.	520.	425.	382.
	45.0	603.	593.	606.	604.	636.	647.	612.	533.	440.	403.
	42.5	633.	618.	635.	649.	671.	668.	623.	541.	455.	424.
	40.0	668.	653.	669.	688.	710.	686.	626.	539.	464.	449.
	37.5	707.	691.	708.	719.	738.	699.	625.	537.	470.	476.
	35.0	742.	729.	744.	748.	748.	699.	619.	537.	481.	502.
	30.0	784.	788.	783.	770.	735.	675.	599.	534.	521.	538.
	29.0 <<	782.	790.	779.	762.	725.	666.	595.	533.	527.	544.
	25.0	742.	762.	737.	716.	681.	633.	579.	550.	563.	567.
	20.0	662.	684.	657.	640.	619.	597.	587.	587.	587.	592.
	15.0	604.	609.	605.	603.	602.	605.	607.	601.	602.	604.
	10.0	611.	621.	611.	609.	608.	610.	615.	617.	614.	605.
	5.0	616.	612.	616.	616.	616.	617.	619.	613.	605.	601.
	0.0	603.	603.	603.	603.	603.	603.	603.	603.	603.	603.

||
 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	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
175.0	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.
165.0	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.
155.0	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.
145.0	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.
135.0	0.	1.	1.	1.	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.	1.	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.	1.	0.	0.	0.	0.	0.	0.	0.
90.0	0.	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.
87.5	1.	1.	1.	1.	1.	2.	1.	0.	0.	1.	0.
85.0	2.	2.	2.	3.	4.	11.	5.	2.	3.	3.	3.
82.5	5.	5.	7.	9.	15.	41.	33.	8.	10.	23.	22.
V 80.0	10.	12.	18.	38.	79.	142.	98.	25.	30.	85.	87.
E 77.5	16.	18.	40.	99.	201.	286.	179.	65.	79.	138.	143.
R 75.0	23.	25.	50.	145.	281.	369.	257.	142.	141.	172.	167.
T 72.5	33.	36.	70.	191.	305.	391.	318.	240.	251.	275.	286.
I 70.0	45.	49.	103.	223.	315.	385.	364.	352.	372.	374.	380.
C 67.5	56.	68.	145.	245.	333.	395.	396.	440.	476.	439.	421.
A 65.0	79.	96.	173.	268.	354.	412.	419.	501.	561.	506.	488.
L 62.5	120.	139.	195.	289.	382.	436.	444.	529.	608.	580.	572.
60.0	184.	183.	217.	310.	409.	465.	472.	535.	624.	627.	626.
A 57.5	237.	231.	244.	339.	433.	497.	498.	526.	613.	649.	653.
N 55.0	271.	273.	280.	367.	458.	530.	531.	529.	574.	653.	663.
G 52.5	299.	305.	320.	388.	481.	554.	563.	556.	545.	606.	617.
L 50.0	326.	336.	355.	405.	502.	573.	588.	578.	549.	569.	573.
E 47.5	358.	365.	382.	425.	520.	596.	623.	606.	572.	585.	585.
45.0	390.	392.	403.	440.	533.	612.	647.	636.	604.	606.	603.
42.5	414.	419.	424.	455.	541.	623.	668.	671.	649.	635.	633.
40.0	437.	443.	449.	464.	539.	626.	686.	710.	688.	669.	668.
37.5	461.	467.	476.	470.	537.	625.	699.	738.	719.	708.	707.
35.0	485.	486.	502.	481.	537.	619.	699.	748.	748.	744.	742.
30.0	529.	529.	538.	521.	534.	599.	675.	735.	770.	783.	784.
29.0<<	535.	535.	544.	527.	533.	595.	666.	725.	762.	779.	782.
25.0	555.	557.	567.	563.	550.	579.	633.	681.	716.	737.	742.
20.0	575.	575.	592.	587.	587.	587.	597.	619.	640.	657.	662.
15.0	588.	588.	604.	602.	601.	607.	605.	602.	603.	605.	604.
10.0	599.	598.	605.	614.	617.	615.	610.	608.	609.	611.	611.
5.0	603.	603.	601.	605.	613.	619.	617.	616.	616.	616.	616.
0.0	603.	603.	603.	603.	603.	603.	603.	603.	603.	603.	603.

CONE OF MAXIMUM CANDELA

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5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	15
5- 10	44
10- 15	72
15- 20	99
20- 25	129
25- 30	159
30- 35	185
35- 40	201
40- 45	209
45- 50	209
50- 55	209
55- 60	207
60- 65	193
65- 70	164
70- 75	119
75- 80	64
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	58
0- 20	229
0- 30	517
0- 40	903
0- 50	1321
0- 60	1736
0- 70	2093
0- 80	2276
0- 90	2290
0-100	2290
0-110	2290
0-120	2290
0-130	2290
0-140	2290
0-150	2291
0-160	2291
0-170	2291
0-180	2291