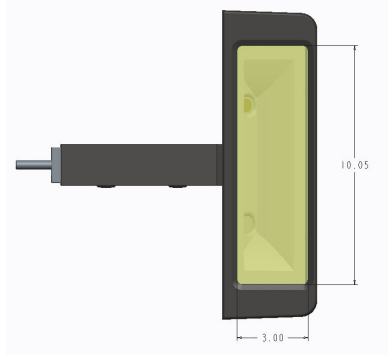


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 20 foot mounting height.



REPORT NUMBER: PRORATED FROM RAB02588
 ISSUE DATE: 10/27/16 PAGE: 1 OF 9
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: ALEDFC52/WPLEDFC52
 (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)

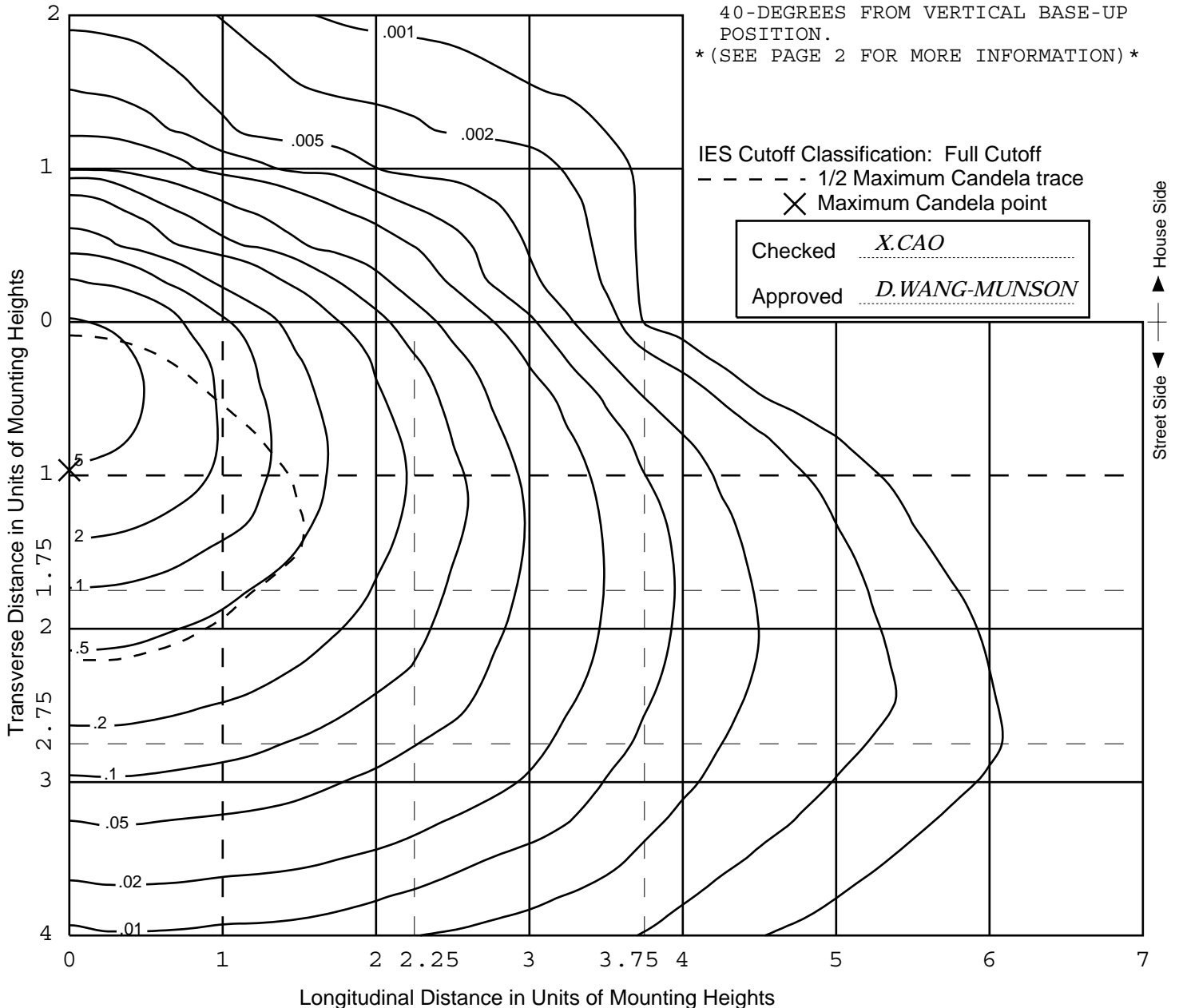
IES Cutoff Classification: Full Cutoff

--- 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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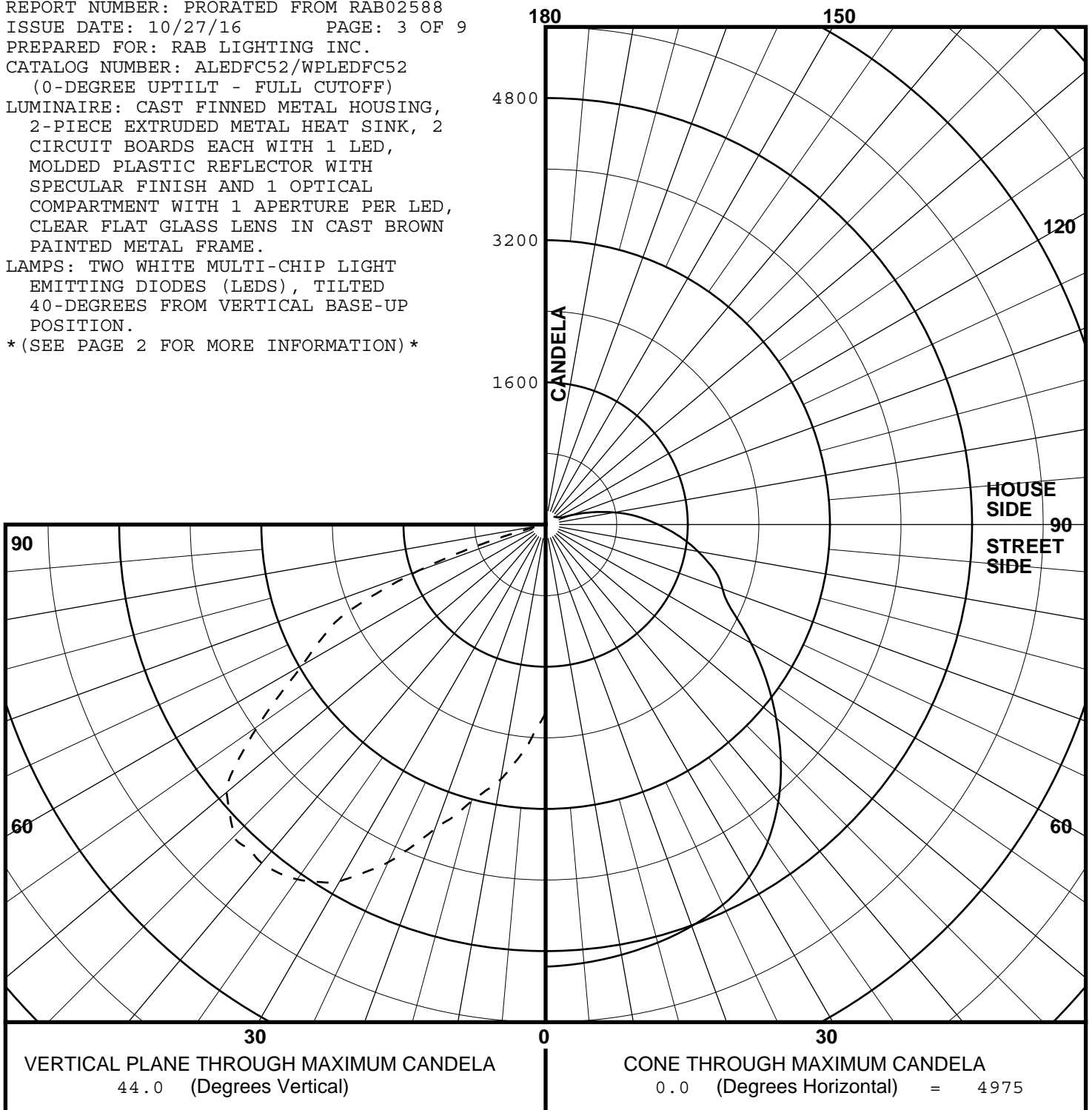
PAGE: 2 OF 9

ADDITIONAL INFORMATION

NOTE: THIS REPORT WAS PRORATED FROM RAB02588 WHICH WAS
ALEDFC80Y/WPLEDFC80Y. ACTUAL PERFORMANCE MAY VARY.
TOTAL INPUT WATTS = 58.7 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

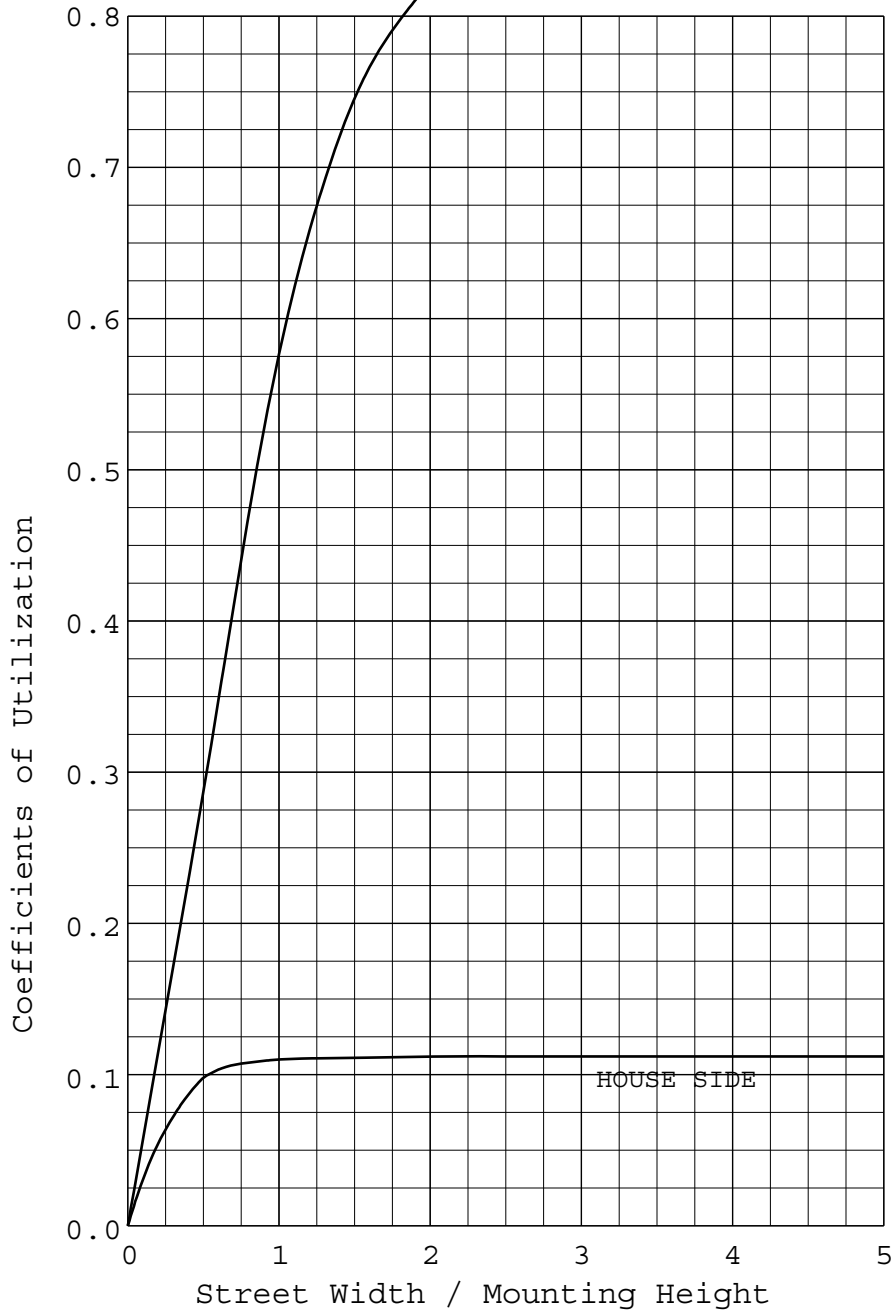
REPORT NUMBER: PRORATED FROM RAB02588
 ISSUE DATE: 10/27/16 PAGE: 3 OF 9
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: ALEDFC52/WPLEDFC52
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 LUMINAIRE: CAST FINNED METAL HOUSING,
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 40-DEGREES FROM 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

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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	6324.	88.7
DOWNWARD HOUSE SIDE	803.	11.3
DOWNWARD TOTAL	7127.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	7127.	100.0

TOTAL INPUT WATTS = 58.7
 EFFICACY = 121.4 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.

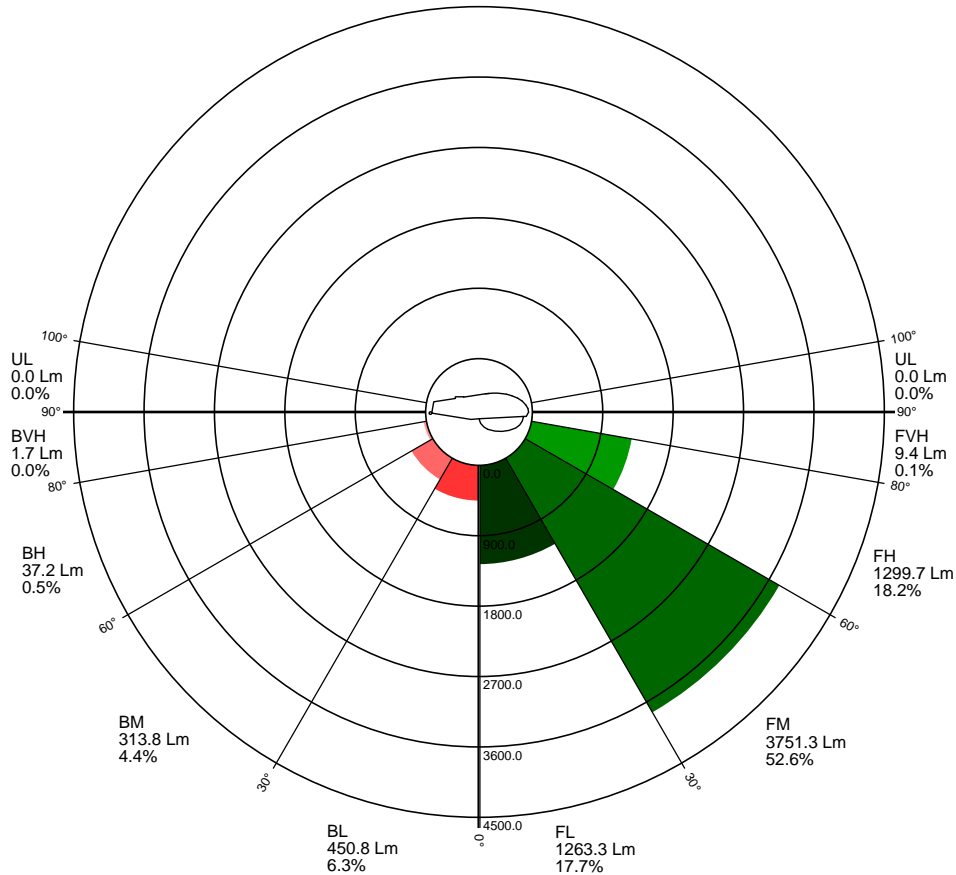
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BUG Rating:				B1	U0	G1
Zonal Summary				Zone Ratings		
		Lumens	% of Fixture	B	U	G
Forward		6324	88.7			
FL	(0° - 30°)	1263.3	17.7			
FM	(30° - 60°)	3751.3	52.6			
FH	(60° - 80°)	1299.7	18.2			G1
FVH	(80° - 90°)	9.4	0.1			G0
Backward		803	11.3			
BL	(0° - 30°)	450.8	6.3	B1		
BM	(30° - 60°)	313.8	4.4	B1		
BH	(60° - 80°)	37.2	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		7127	100.0			

Zonal Lumen Summary

(Linear scale)

UH
0.0 Lm
0.0%

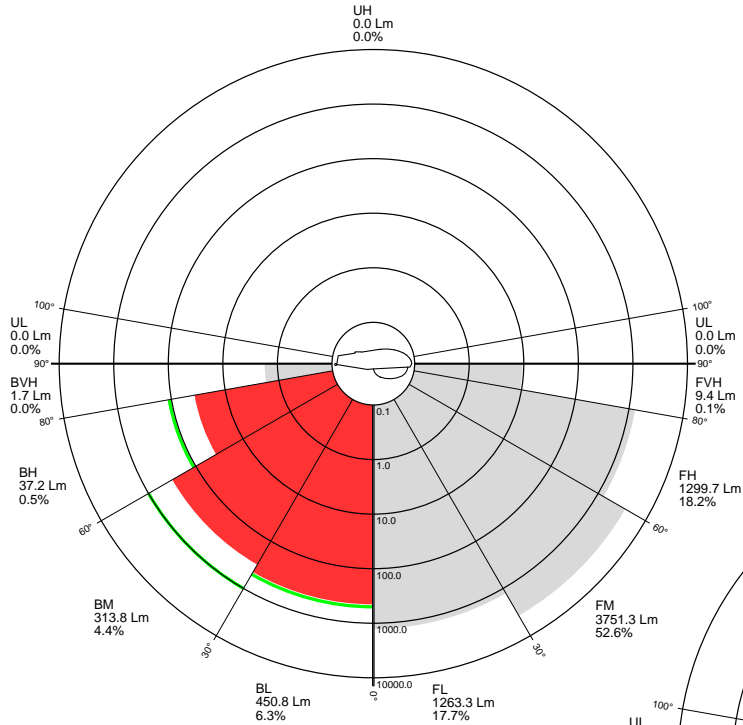


REPORT NUMBER: PRORATED FROM RAB02588
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 PREPARED FOR: RAB LIGHTING INC.

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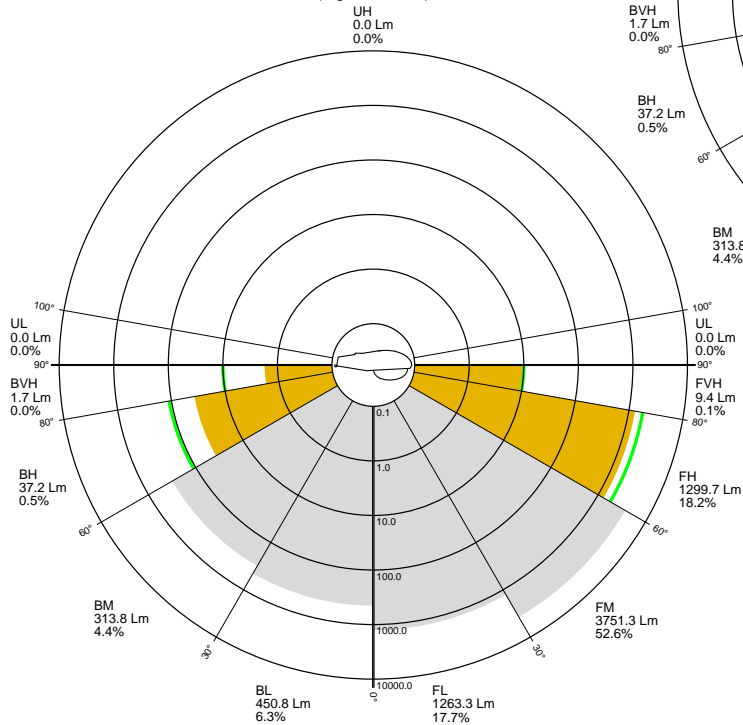
Backlight Rating Details

(Logarithmic scale)



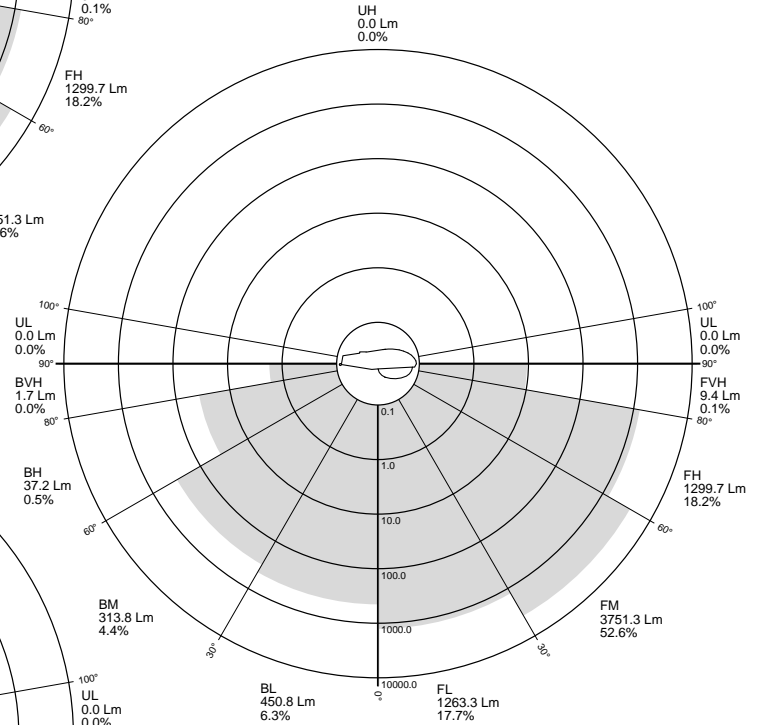
Glare Rating Details

(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	12.	12.	12.	15.	15.	15.	23.	78.	40.
V	80.0	28.	32.	34.	53.	54.	91.	161.	197.	87.
E	77.5	96.	101.	104.	176.	286.	458.	420.	313.	173.
R	75.0	331.	377.	440.	627.	802.	969.	784.	540.	286.
T	72.5	875.	944.	1023.	1232.	1355.	1457.	1121.	872.	473.
I	70.0	1536.	1583.	1648.	1790.	1854.	1765.	1469.	1208.	687.
C	67.5	2136.	2174.	2215.	2268.	2166.	2086.	1788.	1448.	882.
A	65.0	2621.	2638.	2613.	2525.	2456.	2454.	2092.	1643.	1044.
L	62.5	2886.	2902.	2852.	2814.	2800.	2826.	2310.	1797.	1184.
	60.0	3161.	3185.	3150.	3171.	3213.	3195.	2483.	1918.	1300.
A	57.5	3535.	3551.	3530.	3569.	3633.	3400.	2627.	2016.	1403.
N	55.0	3955.	3960.	3924.	3978.	3990.	3541.	2746.	2099.	1509.
G	52.5	4368.	4374.	4332.	4354.	4131.	3637.	2846.	2173.	1619.
L	50.0	4689.	4692.	4628.	4514.	4283.	3705.	2930.	2234.	1721.
E	47.5	4824.	4809.	4727.	4682.	4340.	3750.	2994.	2284.	1821.
	45.0	4959.	4944.	4871.	4717.	4359.	3753.	3027.	2315.	1924.
	44.0<<	4975.	4952.	4872.	4720.	4360.	3745.	3028.	2326.	1965.
	42.5	4951.	4942.	4881.	4715.	4344.	3735.	3023.	2355.	2030.
	40.0	4973.	4974.	4857.	4657.	4287.	3710.	3013.	2428.	2131.
	37.5	4940.	4939.	4805.	4559.	4227.	3660.	2984.	2499.	2224.
	35.0	4875.	4863.	4730.	4456.	4134.	3588.	2951.	2570.	2297.
	30.0	4634.	4619.	4452.	4188.	3882.	3401.	2994.	2685.	2376.
	25.0	4195.	4169.	4027.	3788.	3543.	3241.	2976.	2724.	2418.
	20.0	3644.	3633.	3555.	3444.	3290.	3074.	2898.	2687.	2420.
	15.0	3225.	3201.	3157.	3109.	3049.	2921.	2773.	2582.	2369.
	10.0	2913.	2921.	2921.	2864.	2804.	2674.	2570.	2433.	2292.
	5.0	2520.	2507.	2527.	2480.	2455.	2375.	2332.	2270.	2209.
	0.0	2122.	2122.	2122.	2122.	2122.	2122.	2122.	2122.	2122.
		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	9.	8.	8.	7.	6.	5.	4.	3.	2.	2.	2.
V	80.0	9.	9.	9.	9.	7.	5.	4.	3.	2.	2.	2.
E	77.5	9.	9.	12.	18.	8.	5.	5.	3.	2.	2.	2.
R	75.0	22.	19.	25.	19.	12.	6.	5.	4.	3.	2.	2.
T	72.5	98.	55.	47.	19.	14.	7.	5.	5.	5.	5.	5.
I	70.0	209.	102.	67.	20.	15.	9.	6.	6.	8.	7.	7.
C	67.5	330.	172.	87.	23.	14.	10.	9.	9.	11.	10.	10.
A	65.0	451.	270.	110.	38.	15.	11.	11.	12.	15.	15.	15.
L	62.5	575.	366.	128.	65.	18.	12.	12.	15.	18.	19.	19.
	60.0	682.	466.	140.	85.	24.	12.	13.	17.	21.	22.	22.
A	57.5	790.	564.	163.	103.	42.	18.	15.	19.	22.	23.	24.
N	55.0	889.	662.	206.	119.	69.	26.	20.	21.	22.	24.	24.
G	52.5	981.	756.	269.	135.	93.	43.	29.	24.	24.	25.	25.
L	50.0	1070.	842.	344.	152.	111.	70.	39.	33.	29.	28.	28.
E	47.5	1155.	920.	419.	163.	126.	95.	60.	42.	41.	40.	40.
	45.0	1236.	1004.	499.	176.	141.	114.	89.	67.	56.	50.	50.
	44.0<<	1267.	1038.	533.	188.	148.	122.	101.	82.	70.	60.	60.
	42.5	1317.	1091.	590.	214.	165.	133.	118.	109.	98.	85.	86.
	40.0	1408.	1183.	697.	292.	190.	159.	153.	154.	152.	142.	144.
	37.5	1502.	1287.	825.	397.	218.	198.	191.	196.	203.	200.	198.
	35.0	1598.	1391.	954.	526.	271.	247.	229.	237.	248.	251.	249.
	30.0	1763.	1584.	1197.	793.	485.	335.	323.	331.	327.	328.	327.
	25.0	1890.	1737.	1412.	1076.	771.	556.	422.	384.	388.	393.	396.
	20.0	1979.	1856.	1596.	1331.	1077.	865.	710.	602.	547.	516.	516.
	15.0	2040.	1947.	1751.	1564.	1373.	1213.	1074.	966.	898.	867.	872.
	10.0	2078.	2016.	1896.	1771.	1657.	1549.	1454.	1391.	1342.	1309.	1321.
	5.0	2101.	2074.	2020.	1968.	1922.	1863.	1814.	1785.	1770.	1734.	1759.
	0.0	2122.	2122.	2122.	2122.	2122.	2122.	2122.	2122.	2122.	2122.	2122.

CONE OF MAXIMUM CANDELA

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5-DEGREE ZONAL LUMEN SUMMARY

0- 5	51
5- 10	152
10- 15	247
15- 20	335
20- 25	421
25- 30	509
30- 35	590
35- 40	655
40- 45	703
45- 50	733
50- 55	724
55- 60	660
60- 65	566
65- 70	442
70- 75	255
75- 80	74
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	202
0- 20	785
0- 30	1714
0- 40	2959
0- 50	4395
0- 60	5779
0- 70	6787
0- 80	7116
0- 90	7127
0-100	7127
0-110	7127
0-120	7127
0-130	7127
0-140	7127
0-150	7127
0-160	7127
0-170	7127
0-180	7127