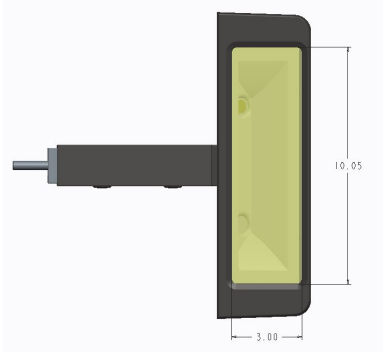


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 20 foot mounting height.



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 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: ALED52/WPLED52 (15 -
 DEGREE UPTILT - STANDARD 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
 55-DEGREES FROM VERTICAL BASE-UP
 POSITION.

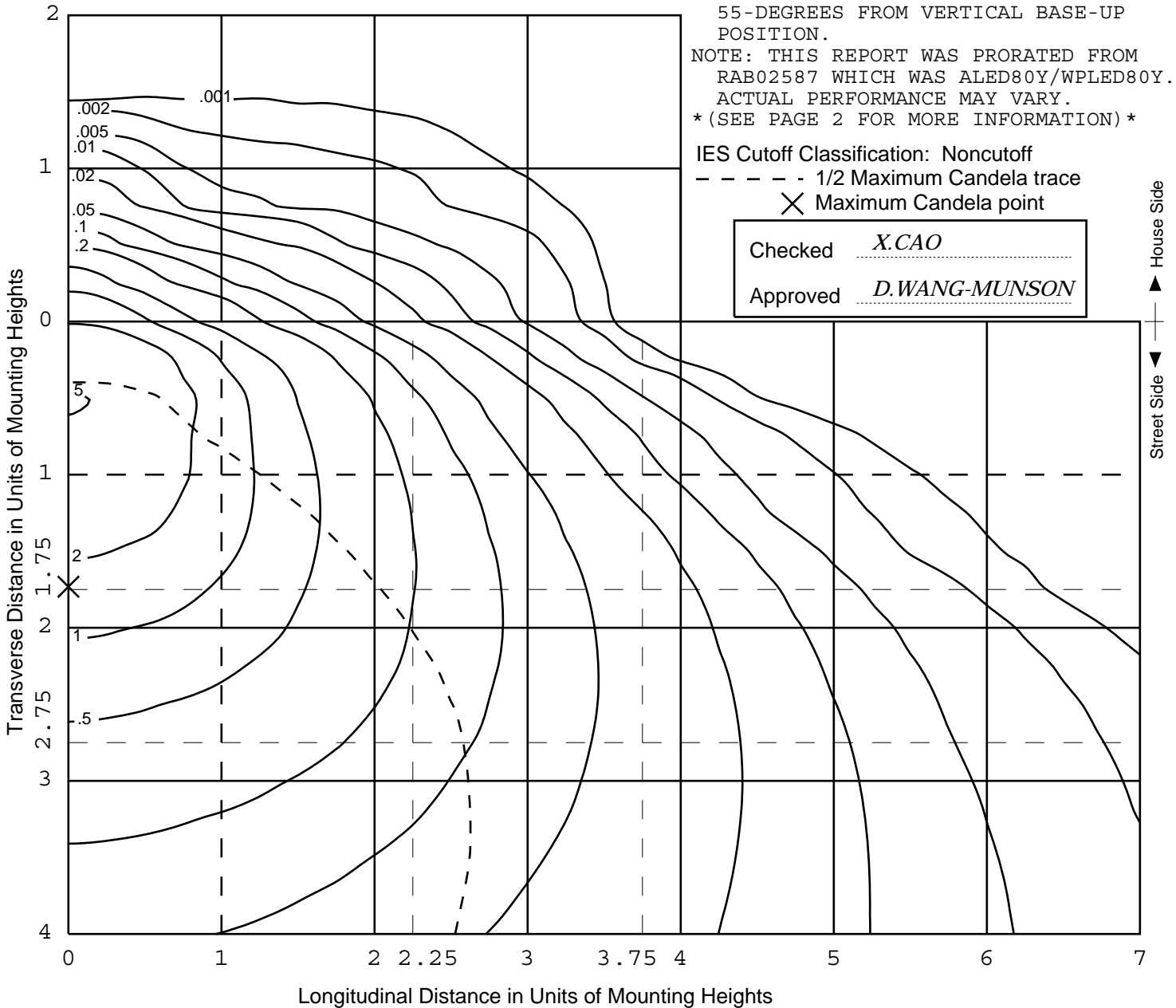
NOTE: THIS REPORT WAS PRORATED FROM
 RAB02587 WHICH WAS ALED80Y/WPLED80Y.
 ACTUAL PERFORMANCE MAY VARY.
 (SEE PAGE 2 FOR MORE INFORMATION)

IES Cutoff Classification: Noncutoff

--- 1/2 Maximum Candela trace

× Maximum Candela point

Checked	<i>X.CAO</i>
Approved	<i>D.WANG-MUNSON</i>



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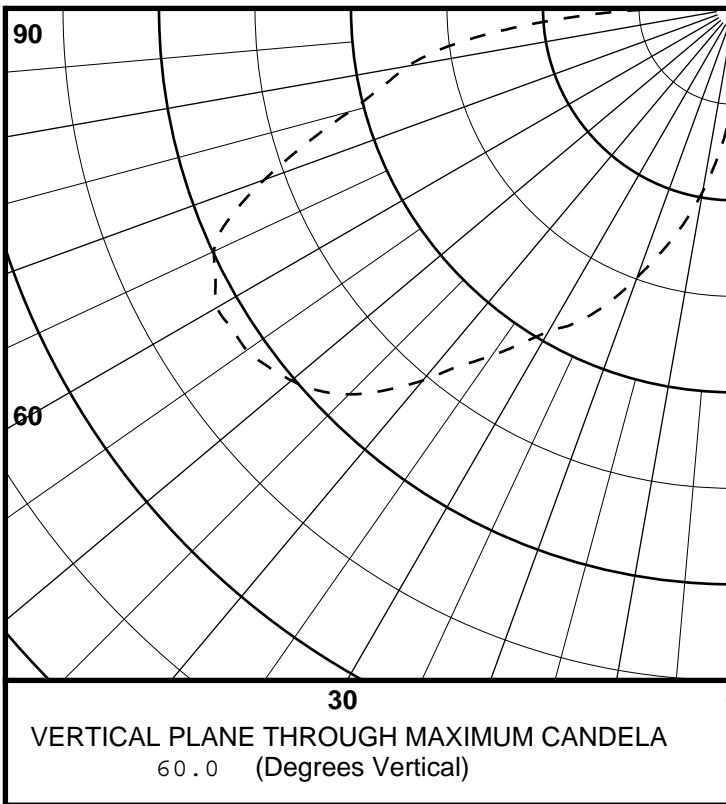
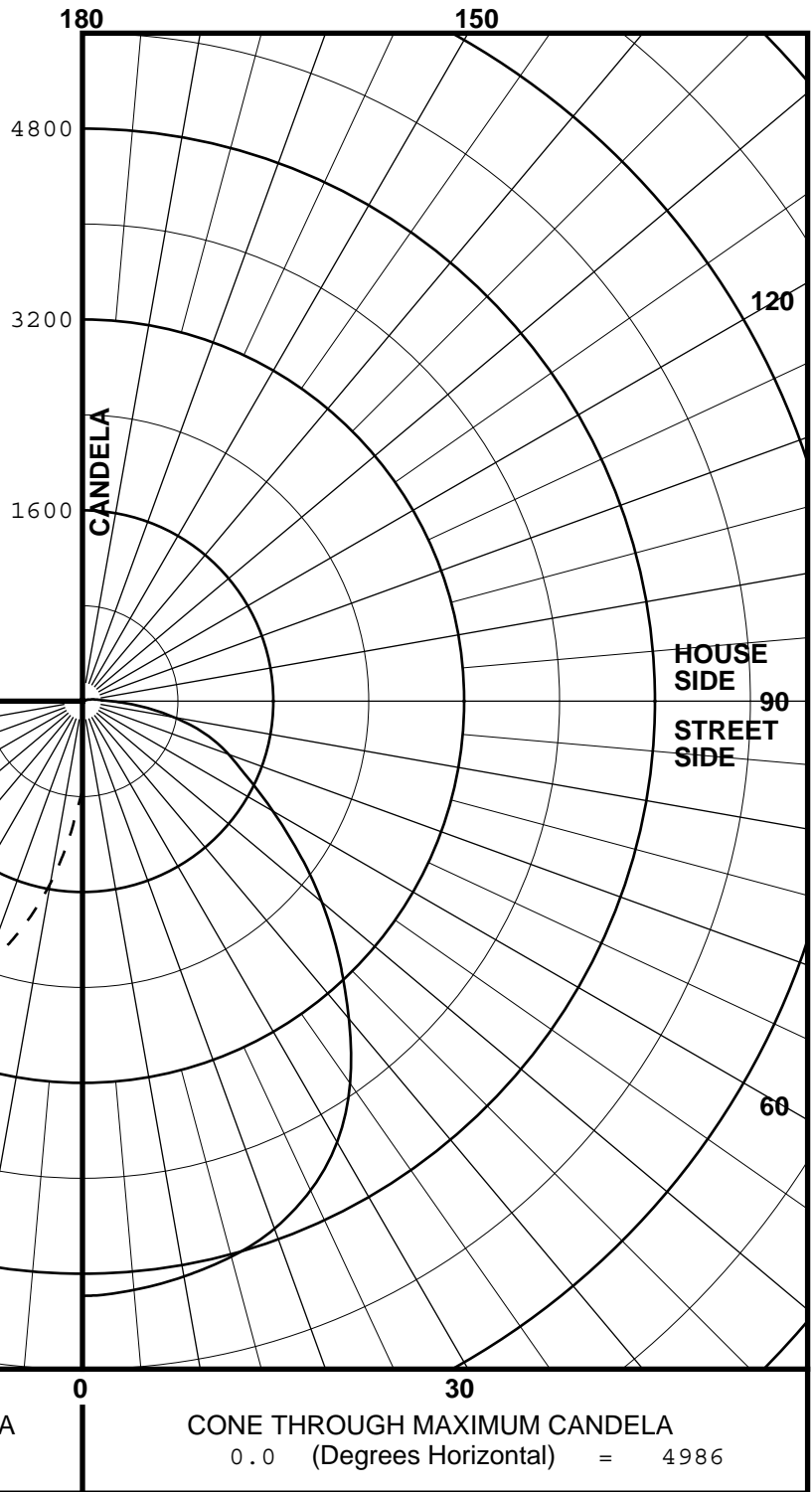
PAGE: 2 OF 9

ADDITIONAL INFORMATION

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

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 55-DEGREES FROM VERTICAL BASE-UP
 POSITION.
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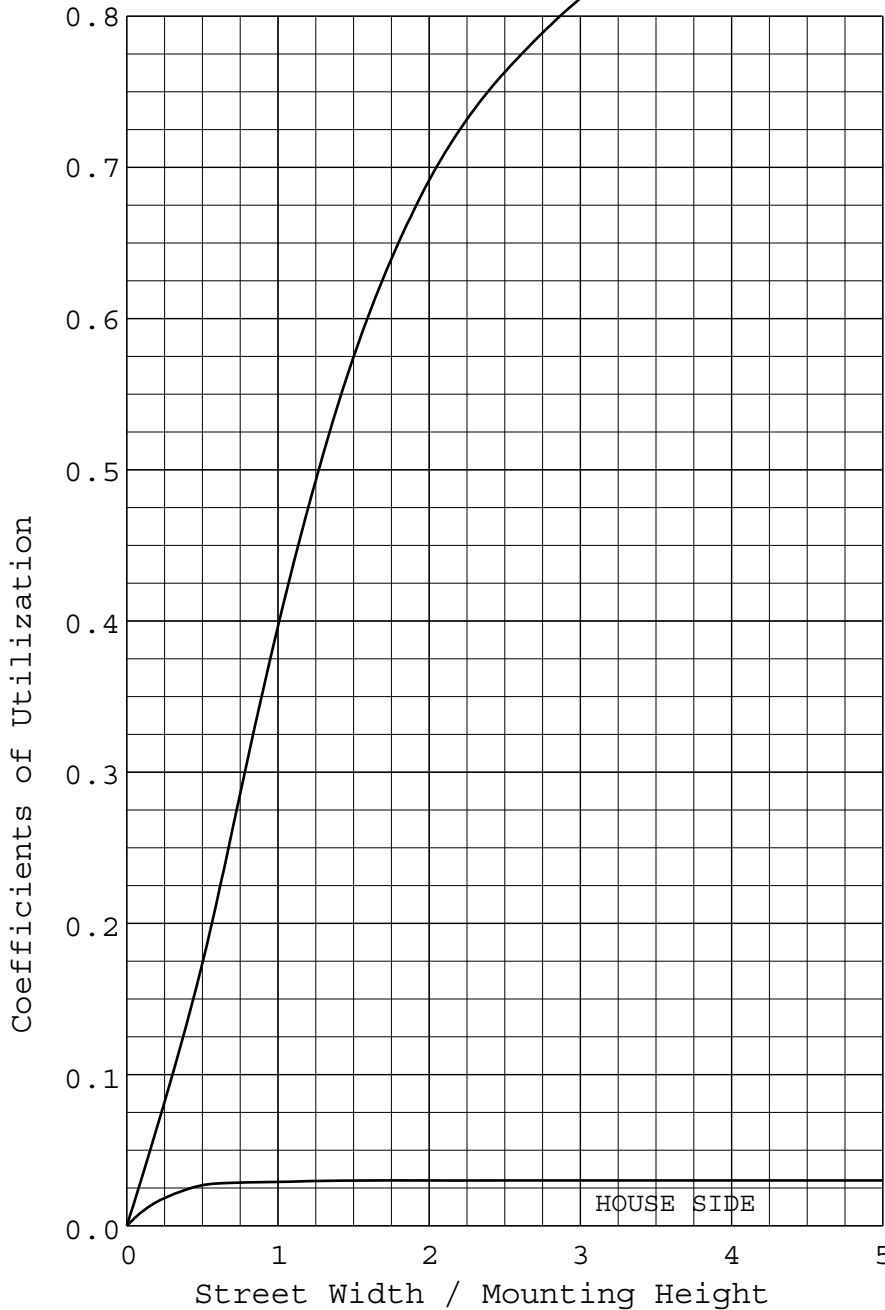
VERTICAL PLANE THROUGH MAXIMUM CANDELA
 60.0 (Degrees Vertical)

CONE THROUGH MAXIMUM CANDELA
 0.0 (Degrees Horizontal) = 4986

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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	6828.	95.9
DOWNWARD HOUSE SIDE	219.	3.1
DOWNWARD TOTAL	7047.	99.0
UPWARD STREET SIDE	47.	0.7
UPWARD HOUSE SIDE	28.	0.4
UPWARD TOTAL	75.	1.0
TOTAL FLUX	7122.	100.0
TOTAL INPUT WATTS = 58.7		
EFFICACY = 121.3 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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 PREPARED FOR: RAB LIGHTING INC.

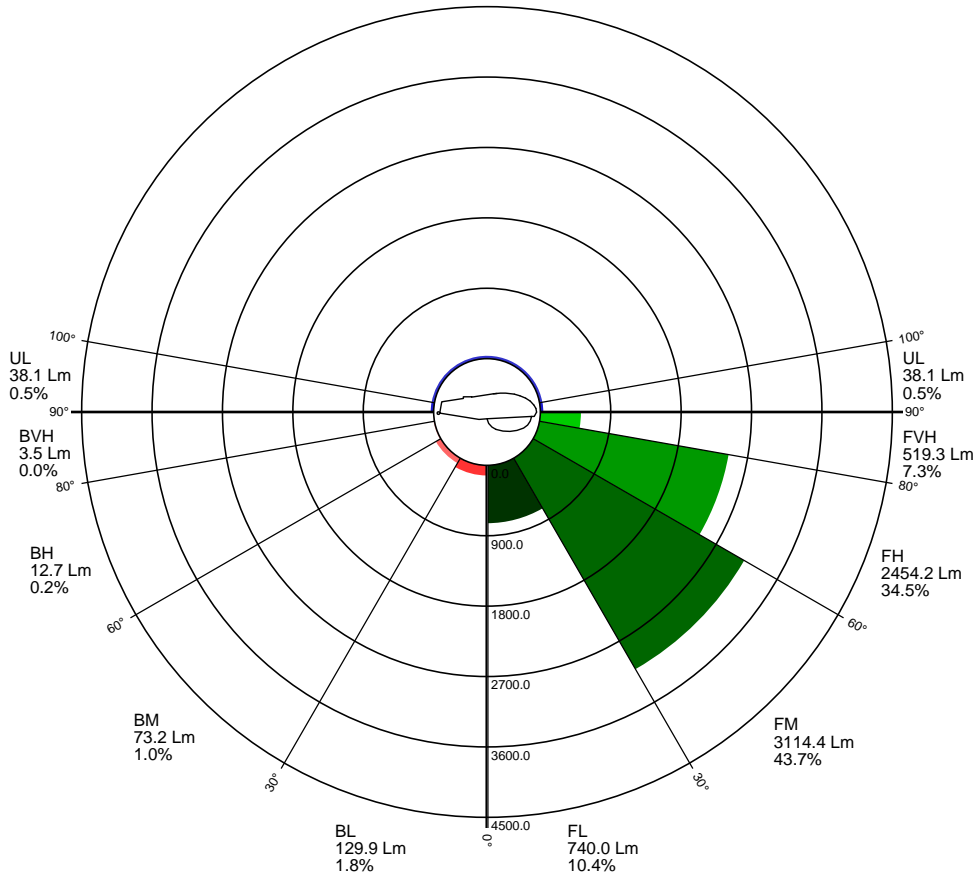
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BUG Rating:			B1	U2	G4	
Zonal Summary			Zone Ratings			
		Lumens	% of Fixture	B	U	G
Forward		6828	95.9			
FL	(0° - 30°)	740.0	10.4			
FM	(30° - 60°)	3114.4	43.7			
FH	(60° - 80°)	2454.2	34.5			G2
FVH	(80° - 90°)	519.3	7.3			G4
Backward		219	3.1			
BL	(0° - 30°)	129.9	1.8	B1		
BM	(30° - 60°)	73.2	1.0	B0		
BH	(60° - 80°)	12.7	0.2	B0		G0
BVH	(80° - 90°)	3.5	0.0			G0
Upward		75	1.0			
UL	(90° - 100°)	38.1	0.5		U2	
UH	(100° - 180°)	36.6	0.5		U2	
Trapped Light		0	0.0			
Total Flux		7122	100.0			

Zonal Lumen Summary

(Linear scale)

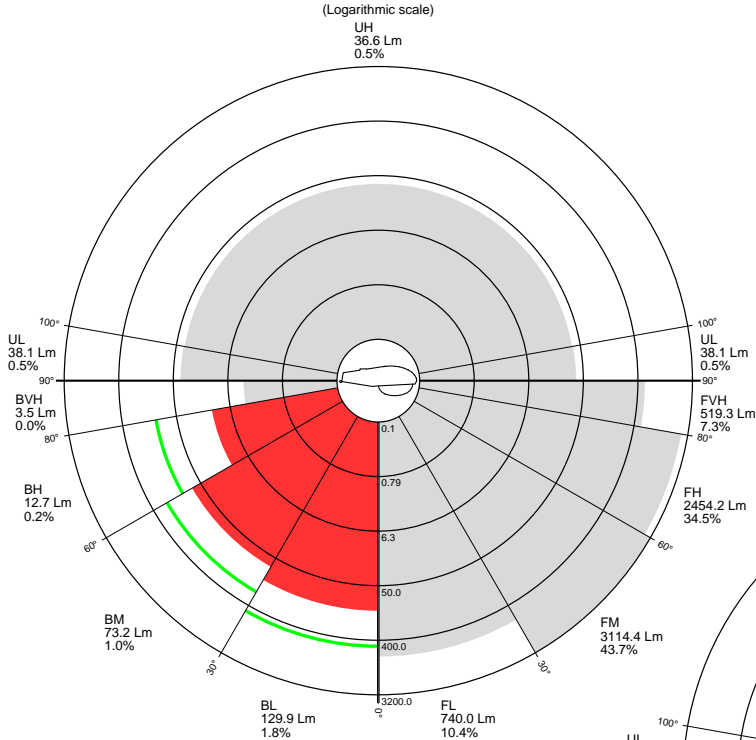
UH
36.6 Lm
0.5%



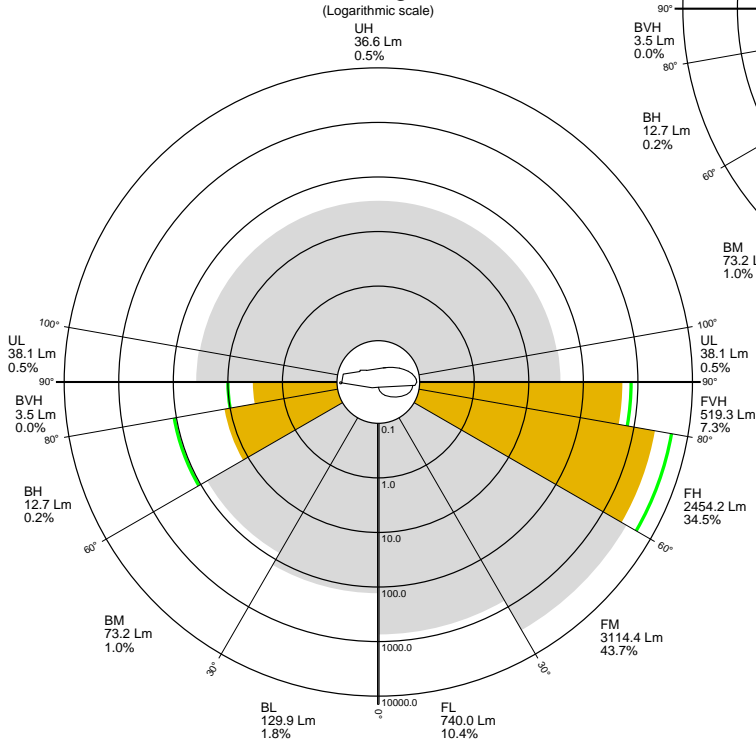
REPORT NUMBER: PRORATED FROM RAB02587
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 PREPARED FOR: RAB LIGHTING INC.

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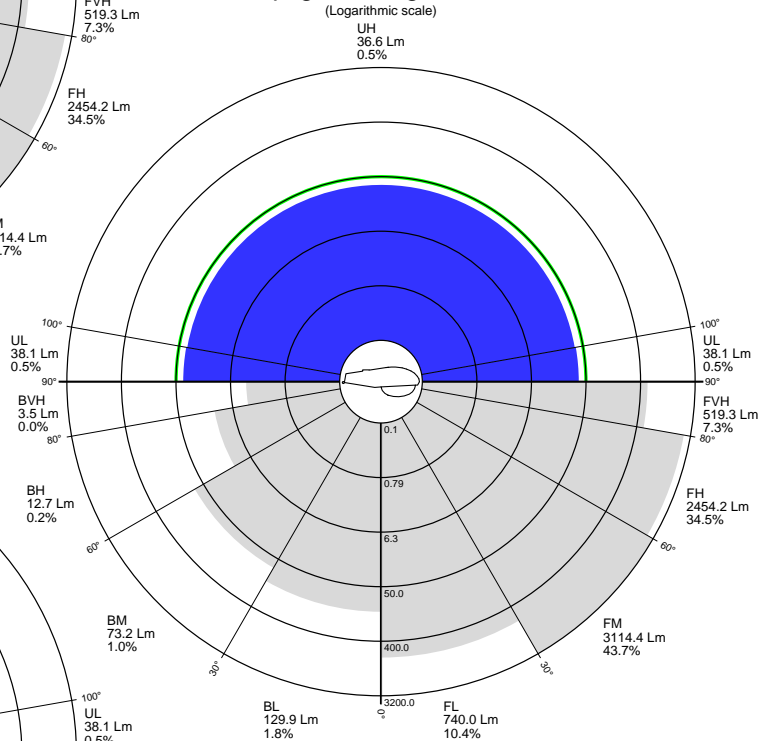
Backlight Rating Details



Glare Rating Details



Uplight Rating Details



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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	5.	5.	5.	5.	5.	5.	5.	5.	5.
	175.0	0.	1.	2.	3.	5.	5.	7.	8.	9.
	165.0	0.	1.	2.	3.	5.	5.	7.	8.	10.
	155.0	0.	1.	2.	3.	5.	5.	7.	8.	10.
	145.0	0.	1.	2.	3.	5.	5.	7.	8.	9.
	135.0	0.	1.	2.	3.	4.	5.	6.	8.	9.
	125.0	0.	1.	2.	3.	5.	5.	6.	8.	9.
	115.0	0.	1.	2.	3.	5.	5.	6.	8.	9.
	105.0	0.	1.	2.	3.	4.	5.	6.	8.	9.
	95.0	68.	63.	55.	36.	19.	9.	7.	7.	8.
	90.0	593.	568.	575.	536.	430.	257.	115.	50.	9.
	87.5	1217.	1183.	1183.	1125.	971.	680.	318.	145.	23.
	85.0	1848.	1813.	1786.	1683.	1498.	1165.	601.	221.	45.
V	82.5	2406.	2391.	2320.	2166.	1933.	1506.	890.	382.	85.
E	80.0	2766.	2738.	2625.	2432.	2190.	1785.	1231.	637.	134.
R	77.5	3012.	3000.	2875.	2723.	2502.	2122.	1553.	869.	230.
T	75.0	3328.	3299.	3190.	3072.	2900.	2421.	1803.	1058.	364.
I	72.5	3748.	3700.	3589.	3472.	3309.	2677.	1937.	1209.	502.
C	70.0	4176.	4118.	4006.	3879.	3670.	2814.	2044.	1320.	651.
A	67.5	4557.	4522.	4415.	4225.	3799.	2926.	2123.	1396.	790.
L	65.0	4792.	4773.	4621.	4347.	3908.	2998.	2176.	1444.	920.
	62.5	4880.	4850.	4735.	4496.	3930.	3034.	2205.	1481.	1009.
A	60.0<<	4986.	4955.	4823.	4524.	3912.	3039.	2212.	1537.	1070.
N	57.5	4971.	4957.	4825.	4502.	3858.	3013.	2193.	1608.	1111.
G	55.0	4967.	4947.	4776.	4416.	3761.	2957.	2164.	1670.	1137.
L	52.5	4905.	4882.	4690.	4300.	3670.	2871.	2153.	1720.	1163.
E	50.0	4825.	4791.	4575.	4167.	3561.	2787.	2205.	1760.	1184.
	47.5	4712.	4673.	4443.	4021.	3416.	2694.	2267.	1785.	1204.
	45.0	4550.	4499.	4254.	3841.	3282.	2677.	2313.	1794.	1221.
	42.5	4317.	4279.	4033.	3645.	3151.	2697.	2333.	1790.	1234.
	40.0	4048.	4023.	3802.	3441.	3088.	2704.	2322.	1775.	1249.
	37.5	3750.	3735.	3563.	3301.	3024.	2684.	2277.	1761.	1260.
	35.0	3533.	3516.	3396.	3176.	2949.	2643.	2218.	1739.	1266.
	30.0	3107.	3110.	3063.	2957.	2769.	2442.	2054.	1670.	1252.
	25.0	2809.	2817.	2778.	2647.	2440.	2158.	1873.	1550.	1195.
	20.0	2385.	2396.	2378.	2256.	2094.	1899.	1669.	1408.	1122.
	15.0	1977.	1986.	1988.	1892.	1760.	1611.	1449.	1245.	1024.
	10.0	1552.	1567.	1559.	1500.	1406.	1308.	1209.	1062.	924.
	5.0	1102.	1112.	1122.	1080.	1034.	995.	949.	882.	827.
	0.0	742.	742.	742.	742.	742.	742.	742.	742.	742.
		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	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
175.0	9.	9.	9.	9.	8.	6.	5.	4.	3.	2.	2.
165.0	10.	10.	10.	9.	8.	7.	6.	5.	5.	5.	5.
155.0	10.	10.	10.	9.	9.	8.	7.	6.	6.	6.	6.
145.0	10.	10.	10.	9.	9.	8.	8.	8.	8.	8.	8.
135.0	9.	10.	9.	9.	9.	8.	8.	8.	9.	9.	9.
125.0	9.	9.	9.	9.	9.	8.	9.	9.	9.	9.	9.
115.0	9.	9.	9.	9.	9.	9.	9.	10.	11.	11.	11.
105.0	9.	9.	9.	9.	9.	9.	10.	11.	12.	12.	12.
95.0	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.
90.0	8.	9.	9.	9.	8.	8.	7.	8.	8.	8.	8.
87.5	9.	8.	8.	8.	8.	7.	7.	6.	6.	6.	6.
85.0	9.	8.	8.	8.	7.	7.	6.	5.	5.	5.	5.
V 82.5	9.	8.	7.	7.	6.	6.	5.	5.	3.	3.	3.
E 80.0	9.	8.	7.	6.	5.	5.	5.	4.	2.	2.	1.
R 77.5	9.	8.	7.	6.	5.	5.	4.	3.	2.	1.	0.
T 75.0	10.	9.	10.	7.	5.	4.	3.	2.	1.	0.	0.
I 72.5	46.	38.	15.	9.	5.	4.	3.	2.	1.	0.	0.
C 70.0	78.	58.	17.	12.	5.	4.	2.	2.	0.	0.	0.
A 67.5	112.	78.	20.	14.	6.	4.	2.	2.	0.	0.	0.
L 65.0	157.	98.	24.	14.	8.	4.	2.	1.	0.	0.	0.
62.5	204.	119.	34.	13.	9.	5.	3.	2.	0.	0.	0.
A 60.0<<	241.	134.	50.	13.	9.	5.	3.	2.	0.	0.	0.
N 57.5	272.	142.	67.	15.	9.	6.	4.	3.	2.	0.	0.
G 55.0	301.	152.	82.	18.	9.	8.	5.	4.	2.	1.	1.
L 52.5	327.	163.	94.	22.	10.	9.	7.	6.	5.	4.	4.
E 50.0	356.	175.	107.	32.	12.	9.	10.	10.	11.	9.	9.
47.5	378.	190.	120.	51.	15.	12.	12.	14.	15.	14.	14.
45.0	397.	204.	129.	73.	24.	15.	15.	17.	19.	19.	19.
42.5	413.	218.	138.	92.	35.	20.	18.	19.	22.	22.	22.
40.0	428.	235.	149.	107.	54.	29.	22.	22.	22.	24.	23.
37.5	452.	259.	162.	120.	77.	37.	29.	25.	25.	26.	26.
35.0	486.	292.	177.	133.	98.	54.	38.	31.	28.	27.	28.
30.0	562.	380.	224.	173.	140.	113.	83.	57.	49.	47.	47.
25.0	625.	466.	289.	253.	208.	186.	170.	149.	132.	117.	118.
20.0	676.	546.	374.	322.	295.	264.	255.	244.	241.	232.	235.
15.0	708.	612.	455.	379.	365.	356.	331.	324.	323.	320.	321.
10.0	727.	665.	551.	467.	420.	398.	392.	392.	392.	392.	392.
5.0	737.	707.	652.	604.	563.	529.	502.	482.	476.	464.	464.
0.0	742.	742.	742.	742.	742.	742.	742.	742.	742.	742.	742.

CONE OF MAXIMUM CANDELA

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5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	18
5- 10	58
10- 15	108
15- 20	166
20- 25	228
25- 30	293
30- 35	359
35- 40	428
40- 45	502
45- 50	574
50- 55	637
55- 60	687
60- 65	710
65- 70	687
70- 75	596
75- 80	475
80- 85	349
85- 90	174
90- 95	32
95-100	6
100-105	4
105-110	4
110-115	4
115-120	4
120-125	3
125-130	3
130-135	3
135-140	3
140-145	2
145-150	2
150-155	2
155-160	1
160-165	1
165-170	1
170-175	0
175-180	0

10-DEGREE
ZONAL LUMEN SUMMARY

0- 10	76
0- 20	349
0- 30	870
0- 40	1657
0- 50	2733
0- 60	4057
0- 70	5453
0- 80	6524
0- 90	7047
0-100	7085
0-110	7093
0-120	7101
0-130	7107
0-140	7112
0-150	7116
0-160	7120
0-170	7121
0-180	7122