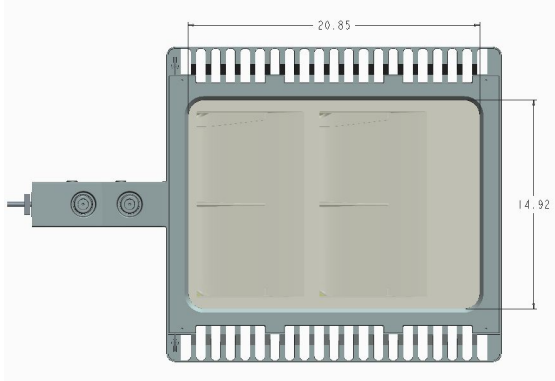


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 25 foot mounting height.



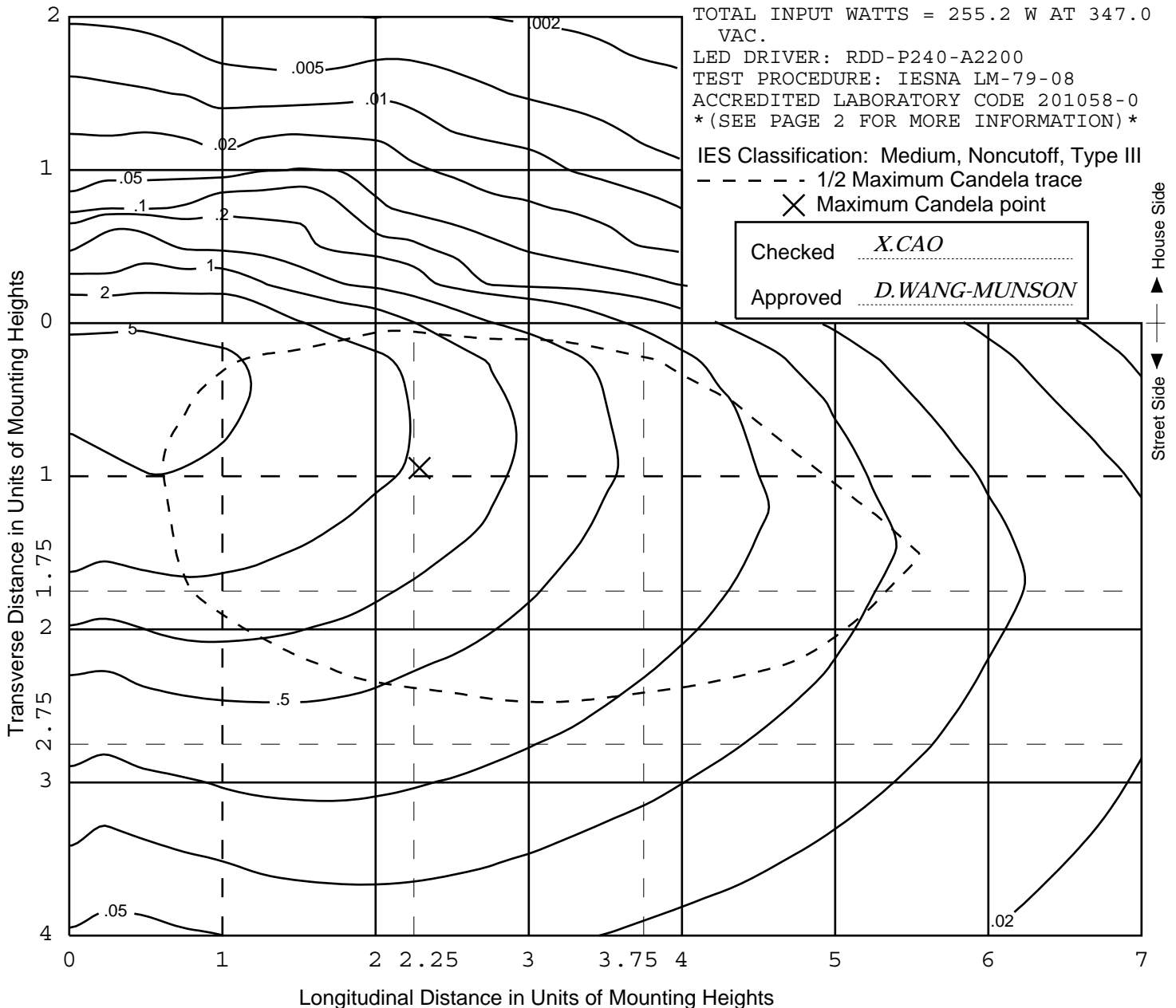
REPORT NUMBER: PRORATED FROM RAB01839
 ISSUE DATE: 04/11/16 PAGE: 1 OF 9
 DATE SAMPLE TESTED: 04/11/16
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: ALED3T260/480/D10
 LUMINAIRE: CAST FINNED METAL HOUSING, 4
 CHIP ON BOARD LIGHT EMITTING DIODES,
 MOLDED PLASTIC REFLECTOR WITH
 SPECULAR FINISH, CLEAR GLASS LENS IN
 CAST BRONZE PAINTED METAL FRAME.
 LAMPS: FOUR WHITE LIGHT EMITTING DIODES
 (LEDS)

NOTE: THIS REPORT WAS PRORATED FROM
 RAB01839 WHICH WAS ALED3T260/D10.
 ACTUAL PERFORMANCE MAY VARY.
 TOTAL INPUT WATTS = 255.2 W AT 347.0
 VAC.

LED DRIVER: RDD-P240-A2200
 TEST PROCEDURE: IESNA LM-79-08
 ACCREDITED LABORATORY CODE 201058-0
 (SEE PAGE 2 FOR MORE INFORMATION)

IES Classification: Medium, Noncutoff, Type III

--- 1/2 Maximum Candela trace
 X Maximum Candela point



REPORT NUMBER: PRORATED FROM RAB01839
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PAGE: 2 OF 9
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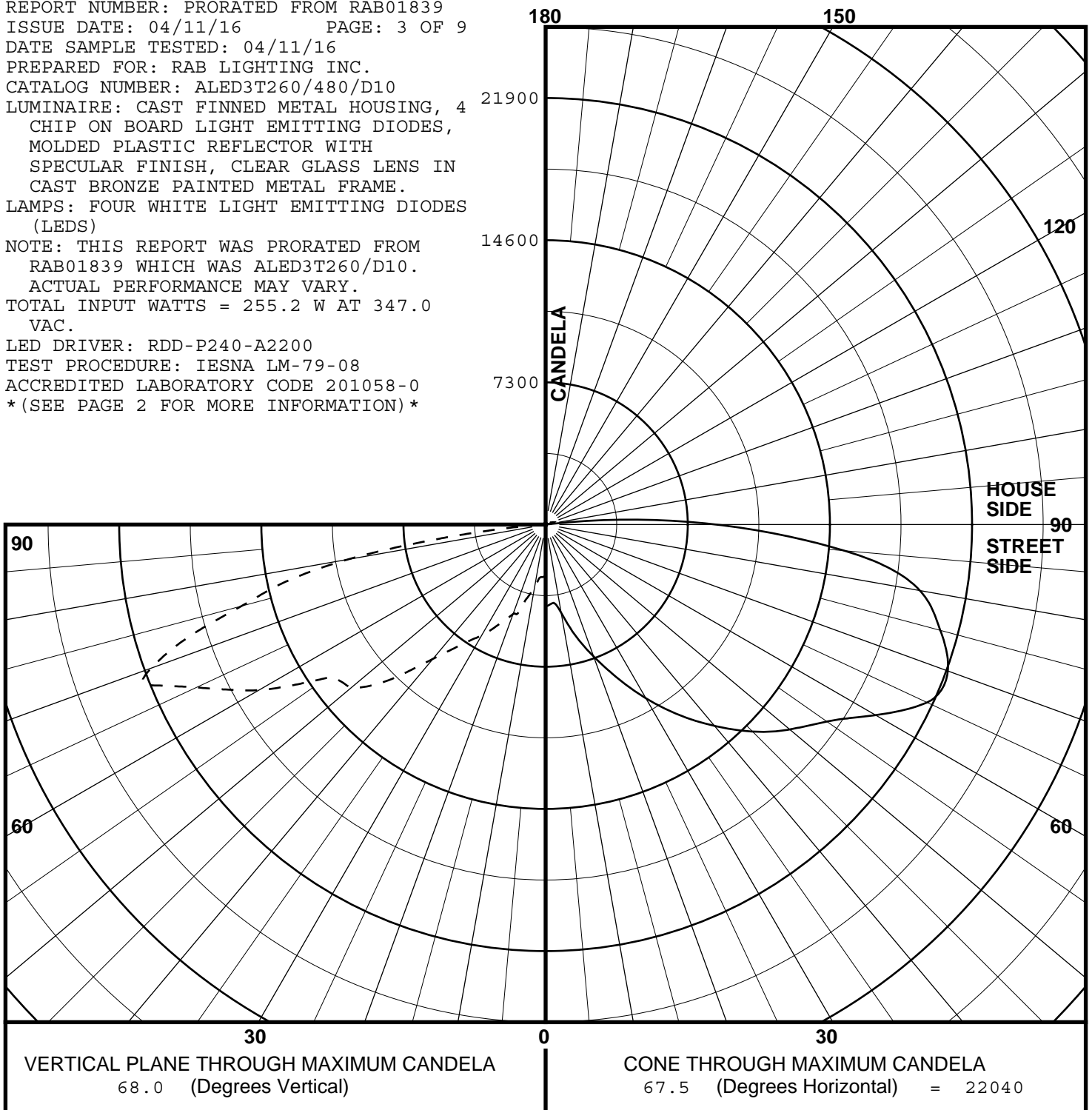
ADDITIONAL INFORMATION

TEST DISTANCE : 28.25 FEET

NOTE: THIS REPORT WITH THE USE OF THE NVLAP LOGO SHALL NOT BE USED BY
THE CLIENT TO CLAIM PRODUCT CERTIFICATION, APPROVAL, OR
ENDORSEMENT BY NVLAP, NIST, OR ANY AGENCY OF THE FEDERAL
GOVERNMENT.

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA

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 TOTAL INPUT WATTS = 255.2 W AT 347.0
 VAC.
 LED DRIVER: RDD-P240-A2200
 TEST PROCEDURE: IESNA LM-79-08
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 (SEE PAGE 2 FOR MORE INFORMATION)

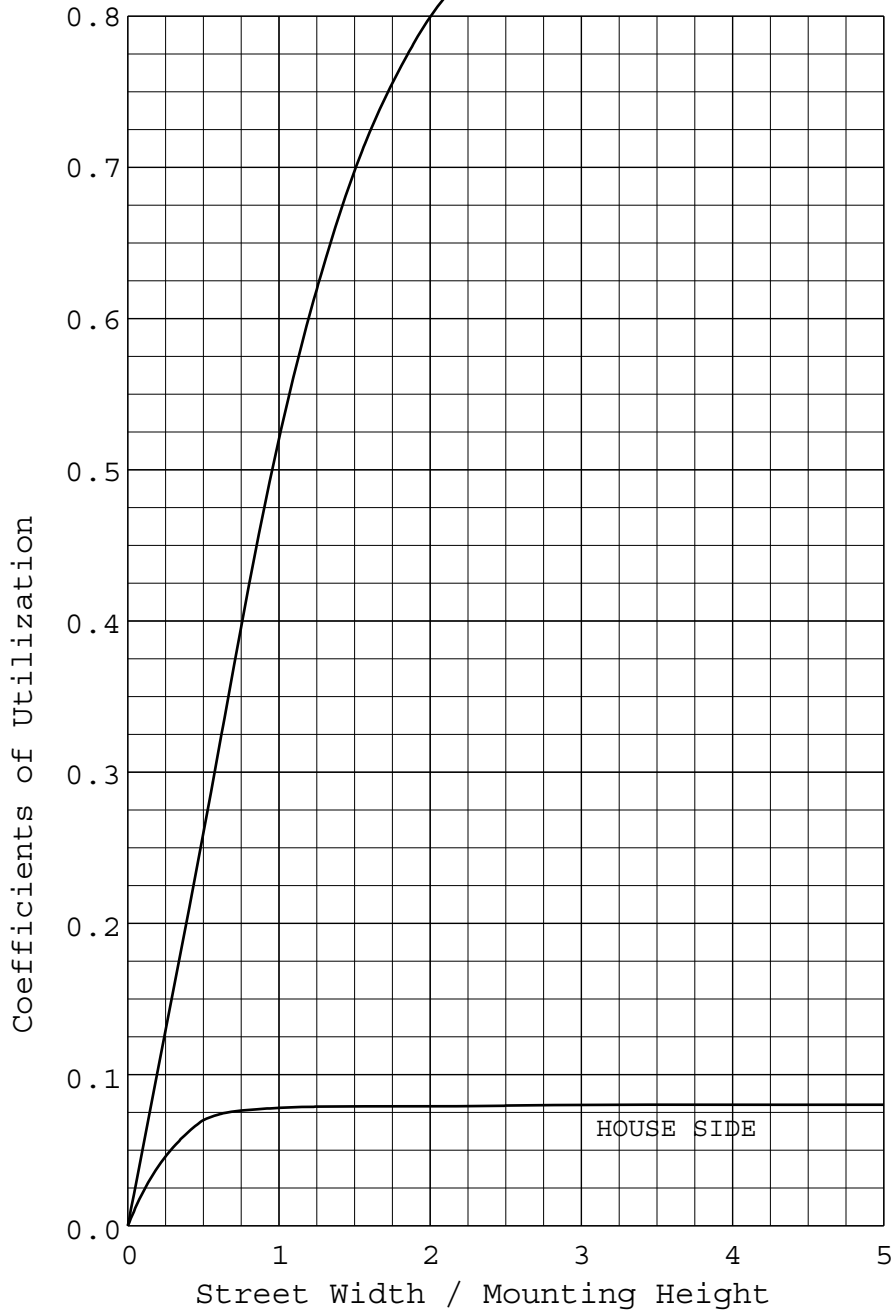


REPORT NUMBER: PRORATED FROM RAB01839
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STREET SIDE

PAGE: 4 OF 9
DATE SAMPLE TESTED: 04/11/16

COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	25613.	91.9
DOWNWARD HOUSE SIDE	2258.	8.1
DOWNWARD TOTAL	27871.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	27871.	100.0
TOTAL INPUT WATTS = 255.2		
EFFICACY = 109.2 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 RAB01839
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 PREPARED FOR: RAB LIGHTING INC.

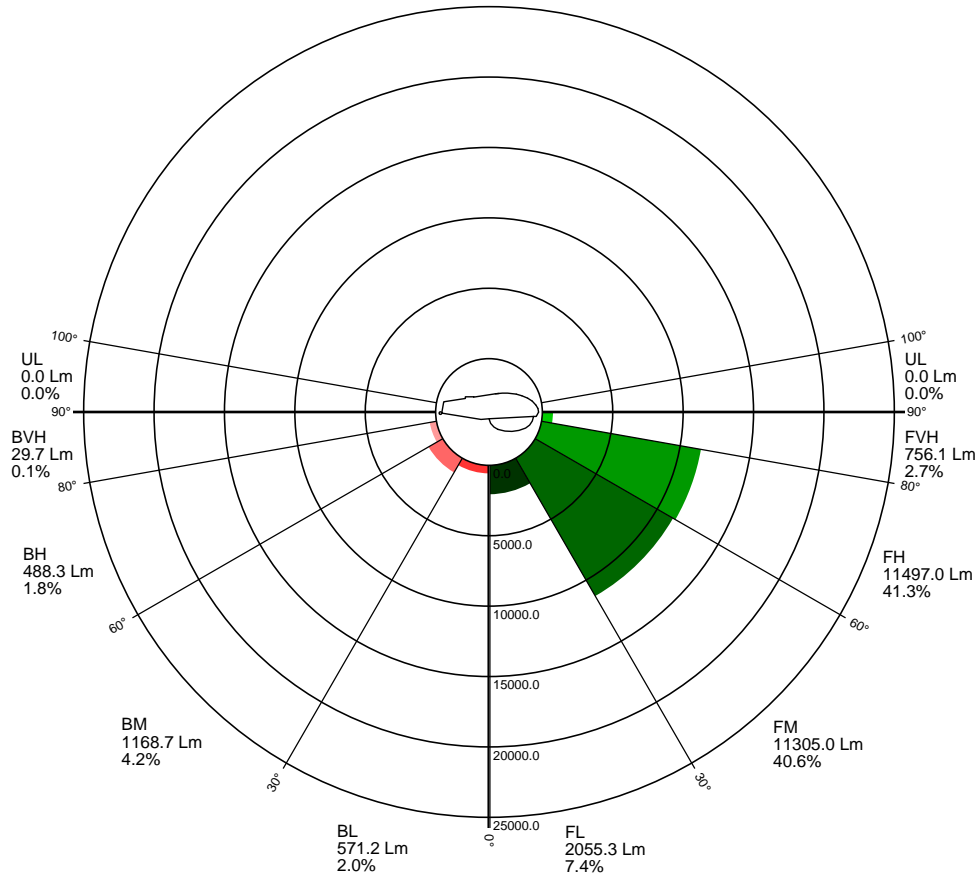
PAGE: 5 OF 9
 DATE SAMPLE TESTED: 04/11/16

BUG Rating:				B2 U0 G5		
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		25613	91.9			
FL	(0° - 30°)	2055.3	7.4			
FM	(30° - 60°)	11305.0	40.6			
FH	(60° - 80°)	11497.0	41.3			G4
FVH	(80° - 90°)	756.1	2.7			G5
Backward		2258	8.1			
BL	(0° - 30°)	571.2	2.0	B2		
BM	(30° - 60°)	1168.7	4.2	B2		
BH	(60° - 80°)	488.3	1.8	B1		G1
BVH	(80° - 90°)	29.7	0.1			G1
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		27871	100.0			

Zonal Lumen Summary

(Linear scale)

UH
0.0 Lm
0.0%

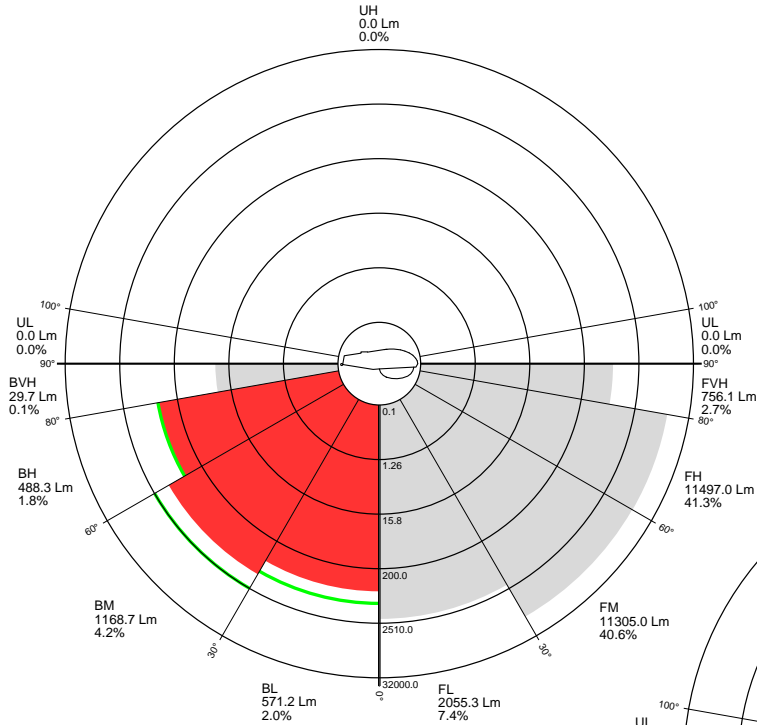


REPORT NUMBER: PRORATED FROM RAB01839
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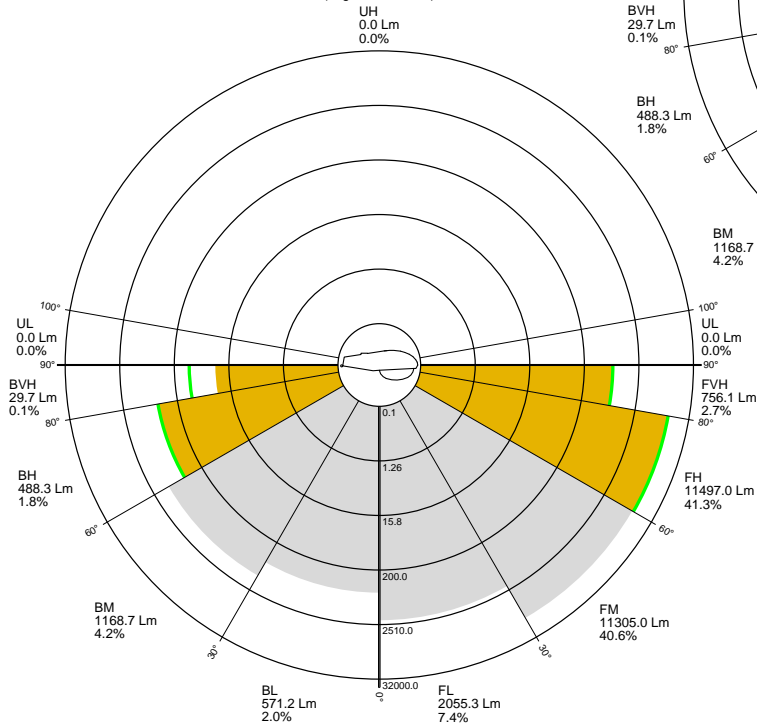
Backlight Rating Details

(Logarithmic scale)



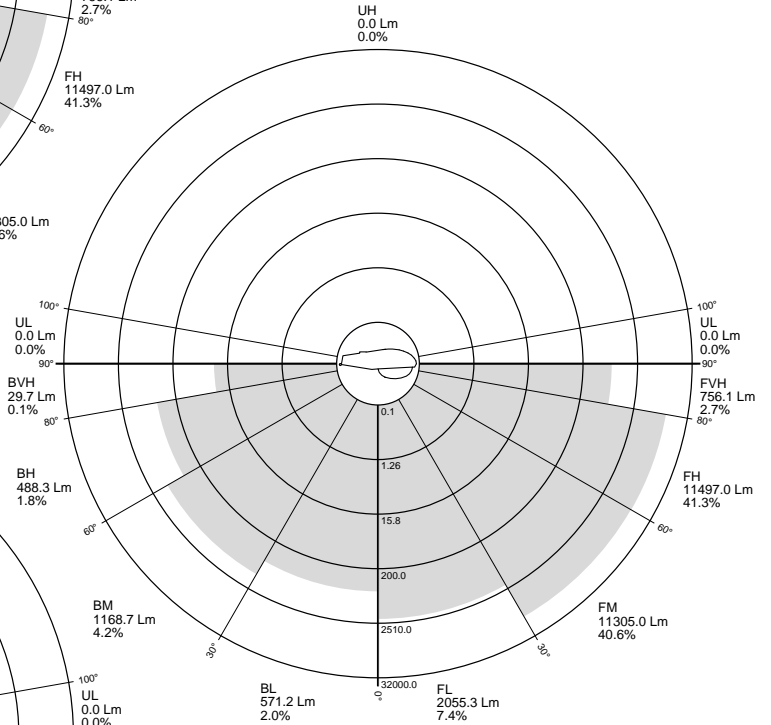
Glare Rating Details

(Logarithmic scale)



Uplight Rating Details

(Logarithmic scale)



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CANDELA TABULATION

	LATERAL ANGLE											
	STREET SIDE	0.0	5.0	15.0	25.0	35.0	45.0	55.0	65.0	67.5	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.	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	25.	25.	28.	32.	43.	62.	74.	211.	237.	319.	206.
	85.0	33.	35.	46.	80.	159.	517.	1201.	1634.	1667.	2000.	602.
	82.5	49.	54.	113.	404.	1029.	2068.	4096.	5265.	5389.	6192.	1952.
V	80.0	177.	241.	786.	1839.	3159.	4916.	7314.	9967.	10324.	11348.	5143.
E	77.5	1289.	1085.	1937.	3710.	5442.	7441.	10187.	13190.	13782.	14915.	9402.
R	75.0	2448.	1994.	3117.	5000.	7182.	9681.	13224.	15708.	16178.	17650.	13479.
T	72.5	3063.	2640.	3980.	6198.	9074.	11923.	15754.	18946.	19263.	19752.	15735.
I	70.0	3802.	3479.	5011.	7423.	10711.	14020.	17102.	21433.	21556.	20764.	15282.
C	68.0<<	4218.	4047.	5896.	8673.	11925.	15035.	17631.	21612.	22040.	20986.	15417.
A	67.5	4346.	4186.	6148.	8985.	12161.	15034.	17753.	21427.	21586.	20622.	15474.
L	65.0	5512.	4998.	7413.	10531.	13025.	15476.	17824.	19754.	19781.	19152.	15972.
	62.5	7049.	5859.	8445.	11256.	13264.	15407.	17400.	18239.	18358.	17666.	14838.
A	60.0	8415.	6899.	9105.	11216.	13127.	15109.	16528.	17117.	17003.	16239.	12769.
N	57.5	8804.	7678.	8902.	10810.	12967.	14606.	15548.	15212.	15337.	14806.	11178.
G	55.0	8670.	7897.	8432.	10401.	12665.	13896.	14430.	13918.	13740.	13962.	10653.
L	52.5	8424.	7679.	8479.	10149.	12147.	13095.	13465.	13412.	13245.	13029.	10196.
E	50.0	8181.	7352.	8517.	10055.	11403.	12333.	12852.	13049.	13011.	12066.	9459.
	47.5	7798.	7035.	8285.	10026.	10885.	11789.	12357.	12352.	12258.	11543.	8857.
	45.0	7458.	6710.	7698.	9502.	10604.	11366.	11710.	11346.	11239.	10316.	7975.
	42.5	7083.	6316.	7234.	9002.	10182.	10715.	10847.	10276.	10043.	9059.	7129.
	40.0	6468.	6008.	6797.	8493.	9562.	9895.	9807.	9154.	9003.	8172.	6476.
	37.5	5944.	5721.	6447.	8082.	8928.	9154.	8926.	8335.	8180.	7485.	6012.
	35.0	5700.	5513.	6194.	7773.	8246.	8415.	8084.	7629.	7526.	6909.	5595.
	30.0	5830.	5338.	5757.	6187.	6900.	6910.	6885.	6694.	6582.	5964.	4829.
	25.0	5501.	5267.	5347.	5416.	5803.	5949.	5974.	5762.	5638.	5190.	4264.
	20.0	5151.	5087.	5059.	5139.	5125.	5305.	5612.	4984.	4886.	4449.	3767.
	15.0	4819.	4818.	4758.	4702.	4713.	4558.	4389.	4111.	4033.	3737.	3315.
	10.0	4307.	4263.	4162.	4015.	3900.	3707.	3532.	3313.	3244.	3022.	2712.
	5.0	3408.	3378.	3335.	3247.	3163.	3014.	2882.	2734.	2709.	2583.	2427.
	0.0	2618.	2618.	2618.	2618.	2618.	2618.	2618.	2618.	2618.	2618.	2618.

||
 PLANE OF MAXIMUM CANDELA

CONE OF MAXIMUM CANDELA

REPORT NUMBER: PRORATED FROM RAB01839
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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	128.	40.	37.	37.	34.	32.	32.	32.	31.	30.	30.
85.0	307.	65.	44.	38.	31.	29.	29.	30.	30.	29.	29.
82.5	1102.	134.	66.	43.	28.	26.	27.	28.	28.	28.	28.
V 80.0	2805.	266.	111.	50.	27.	24.	24.	27.	27.	27.	27.
E 77.5	4581.	572.	172.	72.	28.	23.	22.	25.	26.	27.	27.
R 75.0	6372.	942.	263.	114.	43.	23.	21.	24.	26.	26.	26.
T 72.5	7911.	1245.	367.	143.	72.	28.	21.	24.	25.	26.	26.
I 70.0	8006.	1601.	421.	180.	104.	34.	22.	24.	26.	26.	27.
C 68.0<<	8777.	2164.	459.	226.	122.	40.	25.	25.	27.	27.	28.
A 67.5	9075.	2402.	472.	253.	124.	42.	26.	26.	27.	28.	28.
L 65.0	9774.	3530.	576.	379.	131.	52.	30.	29.	30.	30.	30.
62.5	9198.	3725.	775.	653.	169.	69.	35.	33.	33.	33.	33.
A 60.0	8017.	3623.	945.	841.	234.	80.	40.	43.	37.	36.	37.
N 57.5	7741.	3874.	1158.	883.	272.	78.	57.	50.	41.	42.	43.
G 55.0	7446.	4155.	1356.	765.	327.	79.	58.	70.	45.	49.	48.
L 52.5	7535.	4760.	1538.	772.	435.	118.	63.	61.	48.	52.	51.
E 50.0	7353.	5340.	1940.	775.	462.	177.	79.	58.	50.	49.	49.
47.5	7211.	5625.	2365.	927.	461.	204.	104.	70.	54.	49.	49.
45.0	6683.	5262.	2423.	1051.	496.	211.	128.	100.	65.	54.	53.
42.5	6129.	4775.	2198.	1046.	559.	238.	145.	125.	90.	74.	65.
40.0	5558.	4361.	2131.	1106.	820.	417.	153.	133.	110.	94.	77.
37.5	5054.	3977.	2164.	1177.	825.	536.	192.	144.	120.	105.	80.
35.0	4676.	3739.	2232.	1142.	845.	850.	303.	187.	128.	106.	84.
30.0	4118.	3408.	2195.	1343.	878.	1128.	964.	651.	287.	131.	125.
25.0	3720.	3150.	2174.	1483.	1241.	1007.	722.	590.	552.	445.	396.
20.0	3366.	2979.	2252.	1714.	1277.	809.	544.	528.	553.	368.	306.
15.0	3052.	2789.	2256.	1785.	1308.	889.	684.	664.	706.	713.	721.
10.0	2548.	2365.	2006.	1678.	1394.	1245.	1166.	1240.	1309.	1341.	1377.
5.0	2347.	2277.	2149.	2043.	1938.	1913.	1865.	1879.	1871.	1906.	1910.
0.0	2618.	2618.	2618.	2618.	2618.	2618.	2618.	2618.	2618.	2618.	2618.

CONE OF MAXIMUM CANDELA

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5-DEGREE ZONAL LUMEN SUMMARY

0- 5	61
5- 10	179
10- 15	321
15- 20	491
20- 25	675
25- 30	899
30- 35	1146
35- 40	1460
40- 45	1863
45- 50	2303
50- 55	2652
55- 60	3050
60- 65	3445
65- 70	3506
70- 75	3030
75- 80	2005
80- 85	716
85- 90	70
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	240
0- 20	1052
0- 30	2626
0- 40	5233
0- 50	9398
0- 60	15100
0- 70	22051
0- 80	27085
0- 90	27871
0-100	27871
0-110	27871
0-120	27871
0-130	27871
0-140	27871
0-150	27871
0-160	27871
0-170	27871
0-180	27871