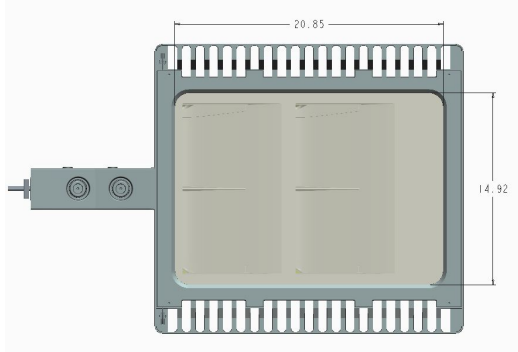


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 35 foot mounting height.



REPORT NUMBER: PRORATED FROM RAB01833
 ISSUE DATE: 04/07/16 PAGE: 1 OF 9
 DATE SAMPLE TESTED: 04/07/16
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: ALED3T360N/480/D10 -
 ALED3T360SFN/480/D10 -
 WPLED3T360N/480/D10 -
 WPLED3T360NFX/480/D10 (TYPE III)
 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
 RAB01833 WHICH WAS ALED3T360N/D10.
 ACTUAL PERFORMANCE MAY VARY.
 TOTAL INPUT WATTS = 360.5 W AT 347.0
 VAC.

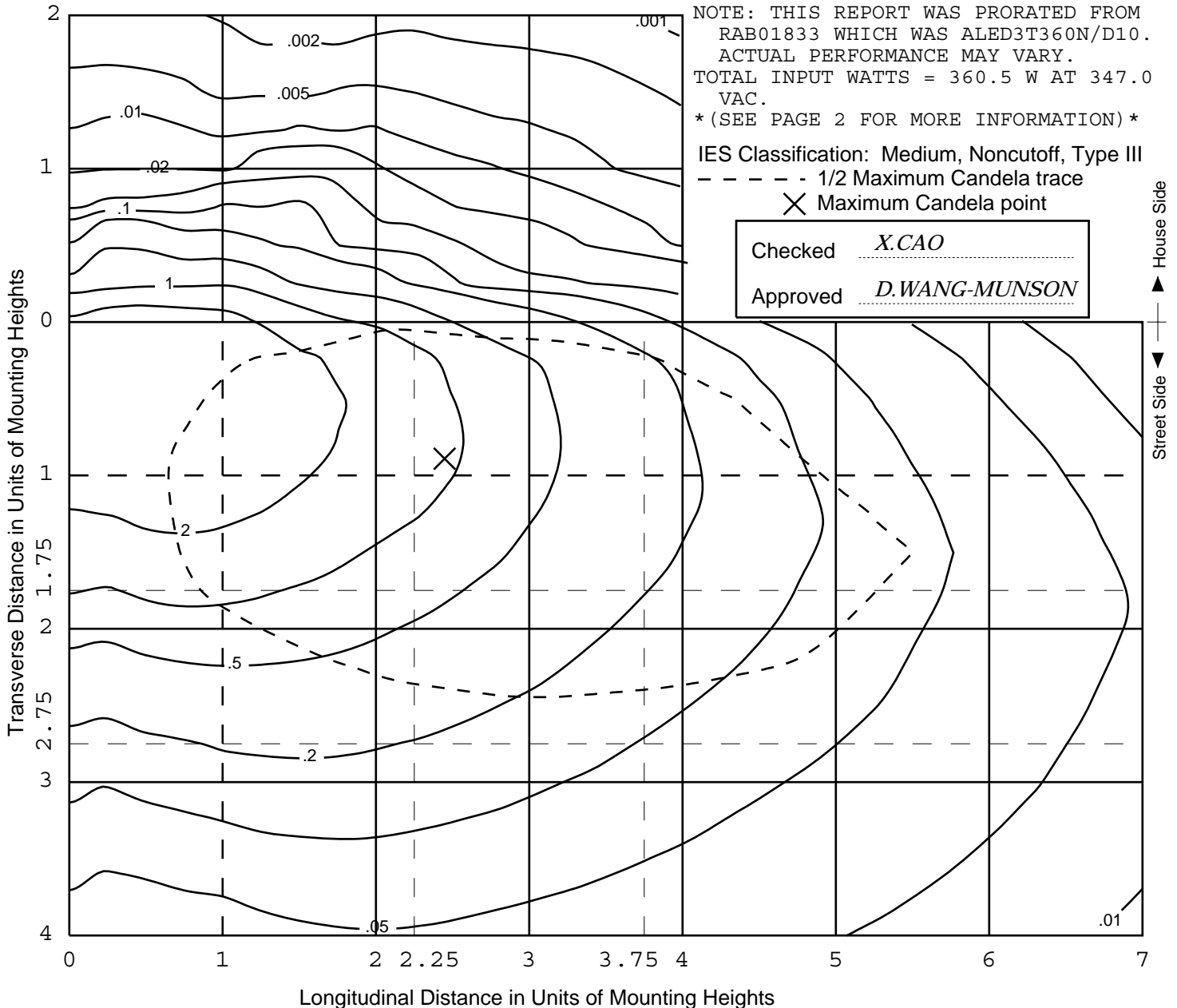
(SEE PAGE 2 FOR MORE INFORMATION)

IES Classification: Medium, Noncutoff, Type III

--- 1/2 Maximum Candela trace

X Maximum Candela point

Checked X.CAO
 Approved D.WANG-MUNSON



REPORT NUMBER: PRORATED FROM RAB01833
ISSUE DATE: 04/07/16
PREPARED FOR: RAB LIGHTING INC.

PAGE: 2 OF 9
DATE SAMPLE TESTED: 04/07/16

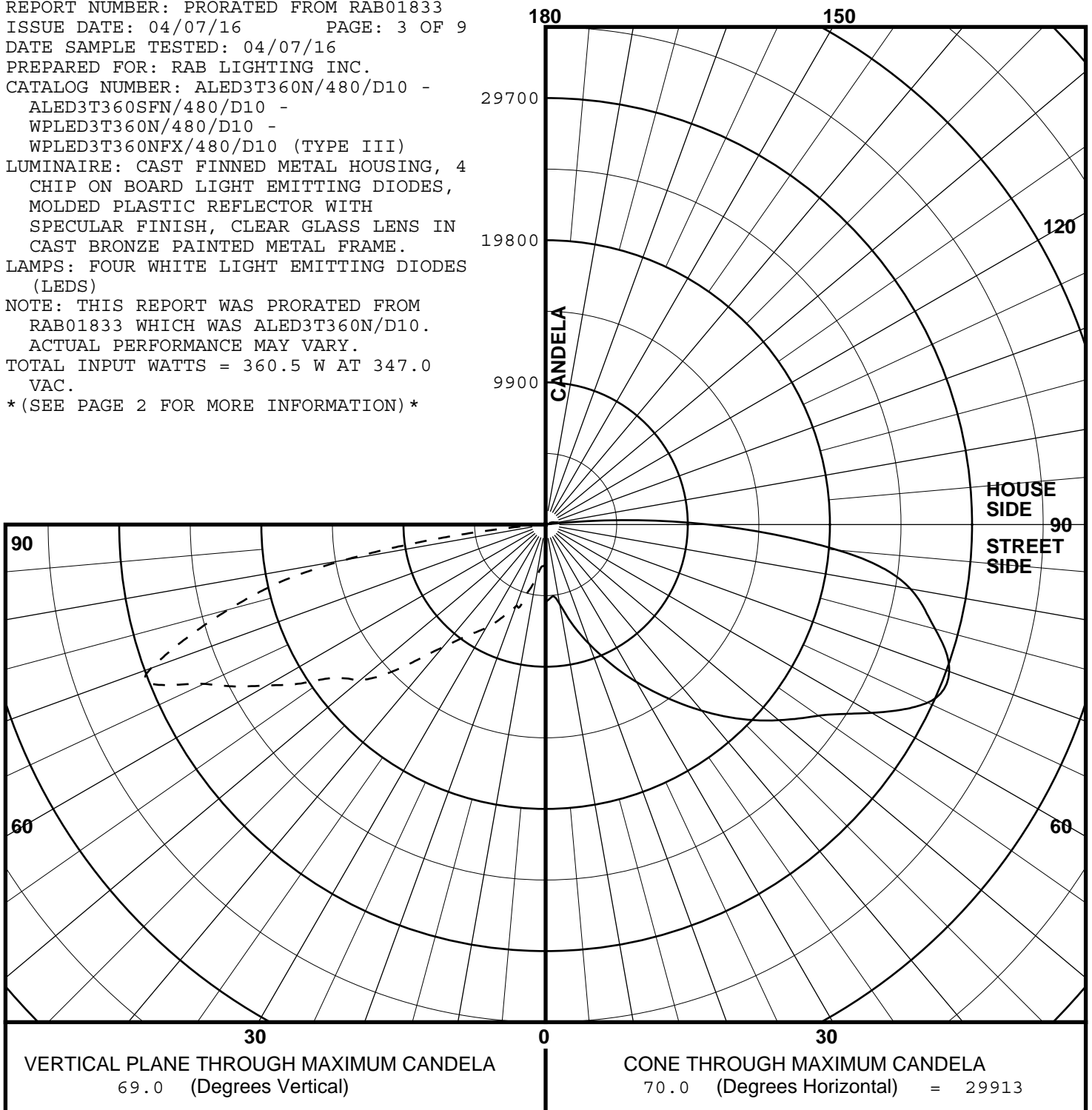
ADDITIONAL INFORMATION

LED DRIVER: 2X RD-G200-A2100-D
TEST PROCEDURE: IESNA LM-79-08
ACCREDITED LABORATORY CODE 201058-0
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

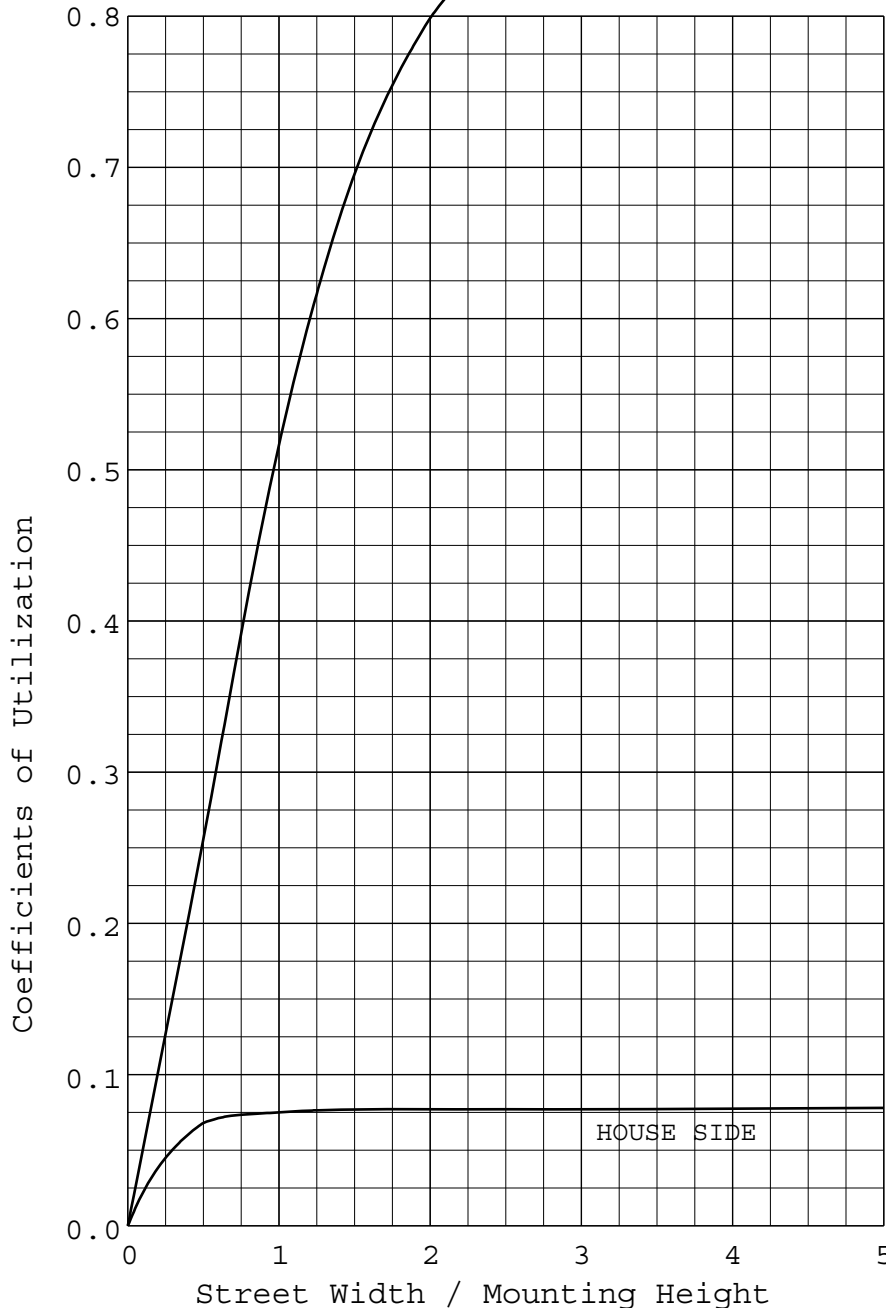
REPORT NUMBER: PRORATED FROM RAB01833
 ISSUE DATE: 04/07/16 PAGE: 3 OF 9
 DATE SAMPLE TESTED: 04/07/16
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: ALED3T360N/480/D10 -
 ALED3T360SFN/480/D10 -
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 WPLED3T360NFX/480/D10 (TYPE III)
 LUMINAIRE: CAST FINNED METAL HOUSING, 4
 CHIP ON BOARD LIGHT EMITTING DIODES,
 MOLDED PLASTIC REFLECTOR WITH
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 NOTE: THIS REPORT WAS PRORATED FROM
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 ACTUAL PERFORMANCE MAY VARY.
 TOTAL INPUT WATTS = 360.5 W AT 347.0
 VAC.
 (SEE PAGE 2 FOR MORE INFORMATION)



REPORT NUMBER: PRORATED FROM RAB01833
ISSUE DATE: 04/07/16
PREPARED FOR: RAB LIGHTING INC.

PAGE: 4 OF 9
DATE SAMPLE TESTED: 04/07/16

COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	33702.	92.2
DOWNWARD HOUSE SIDE	2871.	7.8
DOWNWARD TOTAL	36573.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	36573.	100.0
TOTAL INPUT WATTS = 360.5		
EFFICACY = 101.5 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 RAB01833
 ISSUE DATE: 04/07/16
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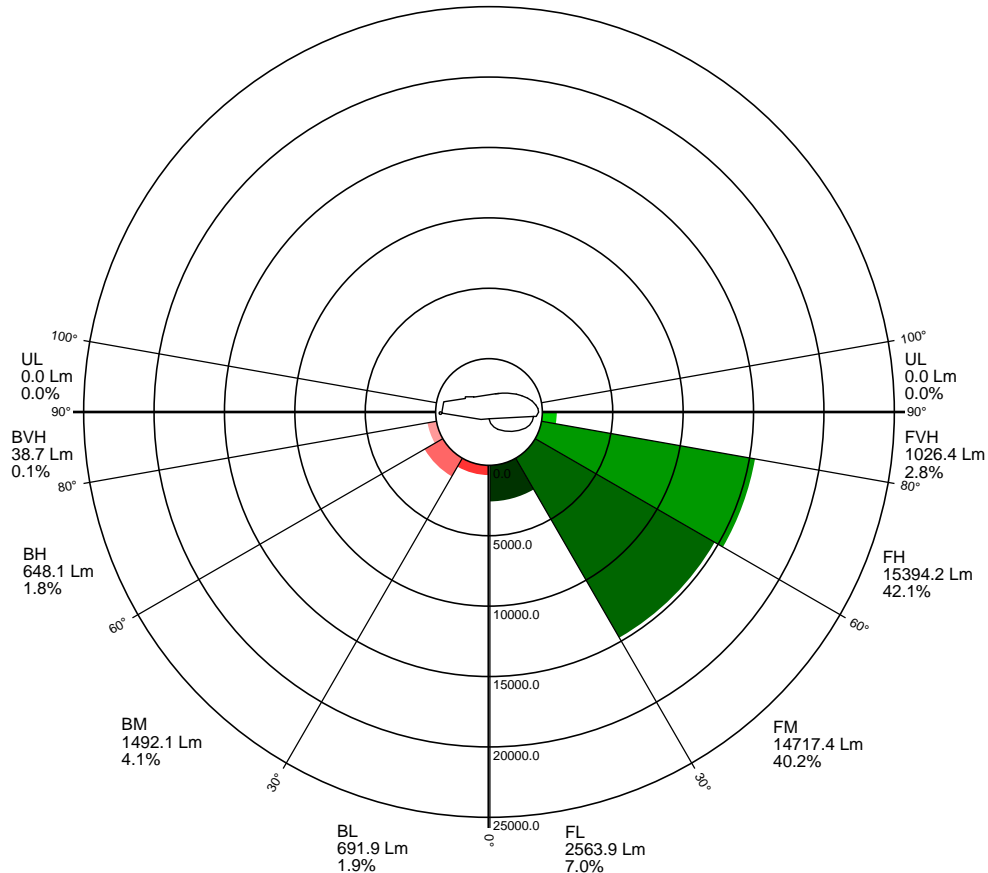
PAGE: 5 OF 9
 DATE SAMPLE TESTED: 04/07/16

BUG Rating:				B2	U0	G5
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		33702	92.2			
FL	(0° – 30°)	2563.9	7.0			
FM	(30° – 60°)	14717.4	40.2			
FH	(60° – 80°)	15394.2	42.1			G5
FVH	(80° – 90°)	1026.4	2.8			G5
Backward		2871	7.8			
BL	(0° – 30°)	691.9	1.9	B2		
BM	(30° – 60°)	1492.1	4.1	B2		
BH	(60° – 80°)	648.1	1.8	B2		G2
BVH	(80° – 90°)	38.7	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		36573	100.0			

Zonal Lumen Summary

(Linear scale)

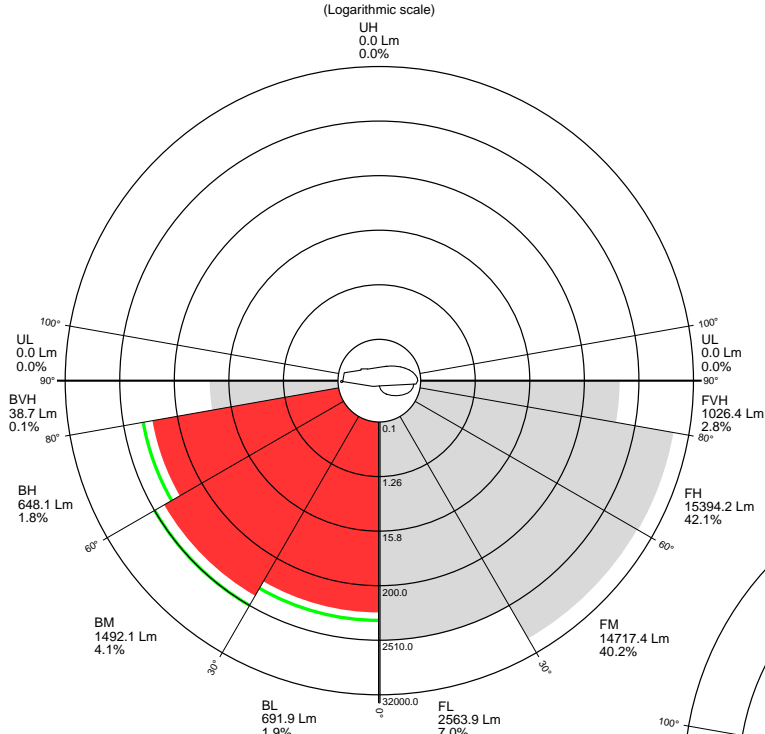
UH
0.0 Lm
0.0%



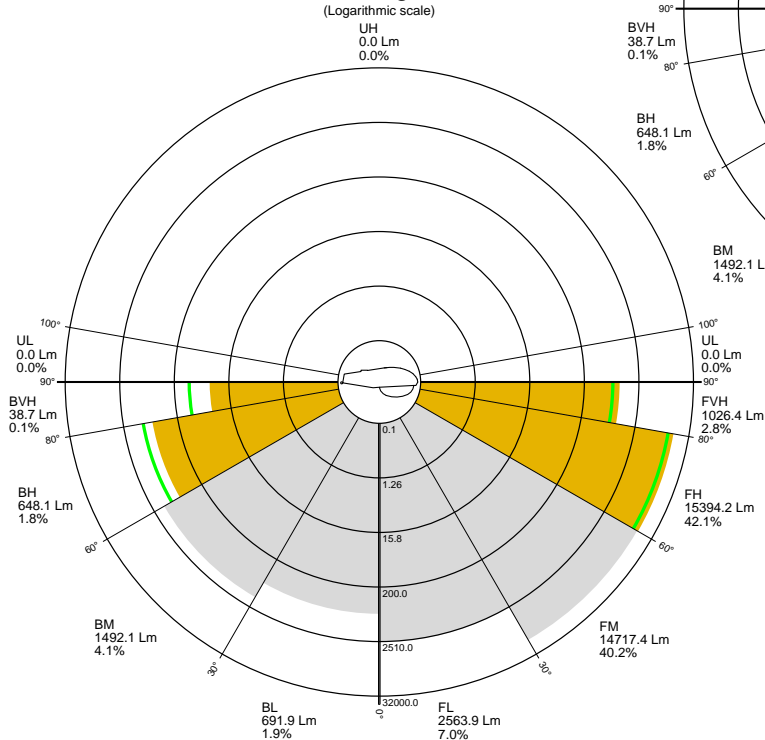
REPORT NUMBER: PRORATED FROM RAB01833
ISSUE DATE: 04/07/16
PREPARED FOR: RAB LIGHTING INC.

PAGE: 6 OF 9
DATE SAMPLE TESTED: 04/07/16

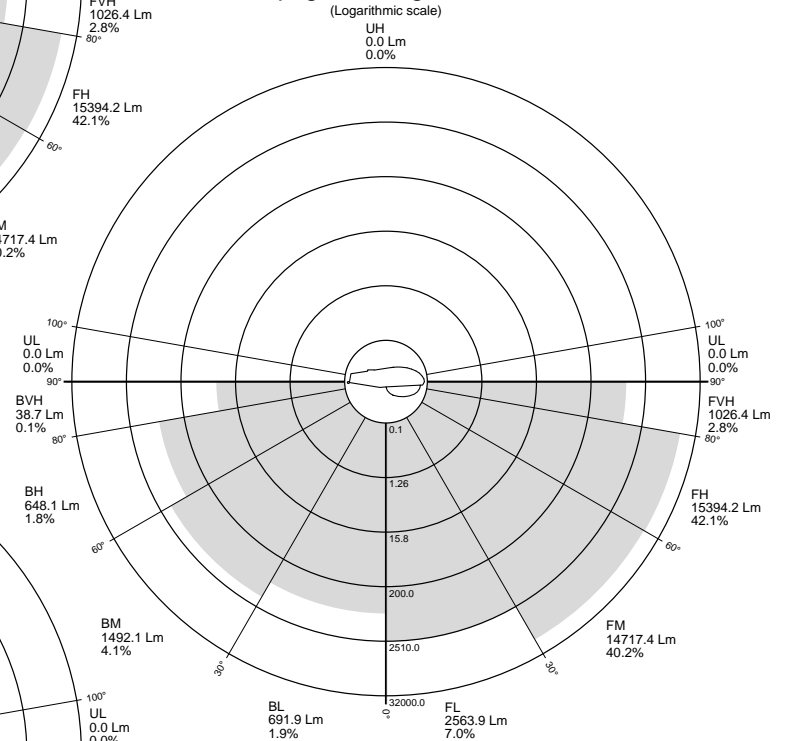
Backlight Rating Details



Glare Rating Details



Uplight Rating Details



REPORT NUMBER: PRORATED FROM RAB01833
 ISSUE DATE: 04/07/16
 PREPARED FOR: RAB LIGHTING INC.

PAGE: 7 OF 9
 DATE SAMPLE TESTED: 04/07/16

CANDELA TABULATION

	STREET SIDE	LATERAL ANGLE										
		0.0	5.0	15.0	25.0	35.0	45.0	55.0	65.0	70.0	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.	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	30.	32.	35.	48.	59.	98.	95.	292.	365.	312.	289.
	85.0	42.	47.	66.	130.	227.	758.	1533.	2250.	2371.	2390.	770.
	82.5	73.	94.	181.	670.	1459.	2935.	5581.	7261.	7787.	8026.	2705.
V	80.0	344.	420.	1098.	2724.	4196.	6859.	9733.	13569.	14232.	15168.	7075.
E	77.5	1762.	1706.	2750.	5201.	7355.	10182.	13721.	17862.	19396.	19799.	13031.
R	75.0	3416.	2833.	4253.	6775.	9749.	13095.	17455.	21086.	22861.	23920.	18334.
T	72.5	4195.	3679.	5426.	8359.	11981.	15955.	20700.	25515.	26184.	26425.	20765.
I	70.0	5158.	4700.	6662.	9978.	13949.	18323.	22668.	28625.	29249.	27782.	20574.
C	69.0<<	5393.	5045.	7174.	10670.	14729.	19136.	23212.	29344.	29913.	28082.	20453.
A	67.5	5933.	5561.	8090.	12039.	15773.	20013.	23541.	28467.	29177.	28038.	21121.
L	65.0	7543.	6731.	9887.	13923.	17132.	20479.	23689.	26197.	26240.	25747.	21498.
	62.5	9252.	7813.	11409.	14857.	17660.	20494.	22987.	24410.	24409.	23776.	19815.
A	60.0	10503.	9002.	12260.	14941.	17476.	20252.	22116.	22824.	22406.	21711.	16784.
N	57.5	10685.	9752.	12091.	14491.	17349.	19644.	20933.	20707.	20692.	19784.	14661.
G	55.0	10459.	9827.	11359.	13994.	16958.	18616.	19543.	18815.	18733.	18600.	13836.
L	52.5	9965.	9463.	11223.	13787.	16239.	17679.	18229.	17897.	17589.	17387.	13294.
E	50.0	9493.	8977.	11071.	13474.	15217.	16510.	17226.	17203.	16853.	15895.	12346.
	47.5	8982.	8565.	10571.	13131.	14417.	15568.	16249.	16004.	15581.	14961.	11502.
	45.0	8531.	8074.	9735.	12215.	13776.	14711.	15106.	14501.	14000.	13356.	10284.
	42.5	8113.	7562.	8964.	11325.	13074.	13650.	13735.	13003.	12356.	11737.	9144.
	40.0	7486.	7111.	8356.	10577.	12281.	12497.	12426.	11662.	11169.	10556.	8281.
	37.5	7008.	6747.	7912.	10090.	11481.	11518.	11288.	10602.	10191.	9638.	7728.
	35.0	6832.	6559.	7607.	9921.	10519.	10602.	10258.	9751.	9427.	8933.	7130.
	30.0	6935.	6437.	7171.	7838.	8745.	8799.	8926.	8747.	8313.	7728.	6135.
	25.0	6564.	6188.	6555.	6862.	7528.	7672.	7840.	7505.	7125.	6722.	5437.
	20.0	6134.	6030.	5977.	6389.	6551.	6797.	7391.	6410.	6054.	5701.	4769.
	15.0	5669.	5654.	5526.	5589.	5787.	5664.	5541.	5179.	4932.	4713.	4189.
	10.0	4986.	4930.	4750.	4532.	4446.	4293.	4240.	3966.	3757.	3614.	3244.
	5.0	3797.	3799.	3684.	3602.	3478.	3327.	3174.	2978.	2927.	2835.	2657.
	0.0	2749.	2749.	2749.	2749.	2749.	2749.	2749.	2749.	2749.	2749.	2749.

||
 PLANE OF MAXIMUM CANDELA

CONE OF MAXIMUM CANDELA

REPORT NUMBER: PRORATED FROM RAB01833
 ISSUE DATE: 04/07/16
 PREPARED FOR: RAB LIGHTING INC.

PAGE: 8 OF 9
 DATE SAMPLE TESTED: 04/07/16

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	171.	50.	47.	46.	43.	41.	40.	40.	38.	37.	37.
85.0	383.	82.	54.	46.	38.	36.	36.	38.	36.	35.	35.
82.5	1562.	174.	77.	52.	34.	32.	33.	35.	35.	34.	34.
V 80.0	3882.	349.	133.	63.	33.	29.	30.	33.	34.	33.	33.
E 77.5	6049.	703.	227.	99.	35.	27.	28.	32.	33.	34.	34.
R 75.0	8795.	1189.	346.	171.	53.	27.	26.	30.	32.	33.	33.
T 72.5	10634.	1669.	487.	202.	85.	31.	25.	29.	31.	32.	32.
I 70.0	10962.	2138.	594.	230.	130.	41.	25.	29.	31.	32.	32.
C 69.0	11388.	2512.	609.	244.	140.	46.	26.	29.	32.	32.	32.
A 67.5	12541.	3192.	670.	326.	155.	54.	29.	30.	33.	33.	33.
L 65.0	13314.	4592.	750.	488.	166.	63.	34.	35.	35.	35.	35.
62.5	12286.	4926.	909.	891.	201.	83.	40.	39.	40.	38.	38.
A 60.0	10572.	4604.	1301.	1152.	282.	95.	48.	50.	44.	42.	41.
N 57.5	10021.	4940.	1576.	1173.	354.	90.	67.	58.	51.	50.	46.
G 55.0	9521.	5382.	1703.	1024.	444.	95.	65.	85.	56.	56.	48.
L 52.5	9766.	6331.	1819.	1037.	572.	147.	72.	73.	59.	61.	50.
E 50.0	9531.	7012.	2384.	1056.	664.	213.	85.	66.	61.	56.	52.
47.5	9218.	7261.	2949.	1194.	639.	260.	122.	77.	63.	57.	55.
45.0	8571.	6957.	3012.	1239.	695.	259.	159.	115.	74.	62.	59.
42.5	7826.	6306.	2741.	1267.	735.	307.	183.	152.	107.	81.	75.
40.0	7117.	5685.	2649.	1309.	998.	535.	195.	166.	134.	103.	100.
37.5	6512.	5103.	2718.	1334.	1011.	672.	247.	176.	140.	120.	109.
35.0	6001.	4814.	2816.	1373.	1041.	1045.	382.	204.	148.	126.	105.
30.0	5252.	4320.	2806.	1634.	1024.	1355.	1293.	766.	316.	143.	130.
25.0	4736.	4003.	2774.	1817.	1493.	1242.	943.	752.	670.	538.	395.
20.0	4275.	3760.	2815.	2156.	1600.	1043.	670.	653.	681.	421.	291.
15.0	3855.	3502.	2825.	2291.	1682.	1140.	904.	776.	691.	635.	660.
10.0	3044.	2829.	2398.	1973.	1637.	1469.	1301.	1262.	1295.	1249.	1281.
5.0	2578.	2482.	2331.	2160.	2052.	1958.	1917.	1872.	1841.	1823.	1825.
0.0	2749.	2749.	2749.	2749.	2749.	2749.	2749.	2749.	2749.	2749.	2749.

CONE OF MAXIMUM CANDELA

REPORT NUMBER: PRORATED FROM RAB01833
 ISSUE DATE: 04/07/16
 PREPARED FOR: RAB LIGHTING INC.

PAGE: 9 OF 9
 DATE SAMPLE TESTED: 04/07/16

5-DEGREE ZONAL LUMEN SUMMARY

0- 5	65
5- 10	200
10- 15	383
15- 20	611
20- 25	854
25- 30	1143
30- 35	1450
35- 40	1839
40- 45	2361
45- 50	2985
50- 55	3511
55- 60	4063
60- 65	4586
65- 70	4680
70- 75	4056
75- 80	2720
80- 85	974
85- 90	91
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	264
0- 20	1258
0- 30	3256
0- 40	6544
0- 50	11891
0- 60	19465
0- 70	28731
0- 80	35508
0- 90	36573
0-100	36573
0-110	36573
0-120	36573
0-130	36573
0-140	36573
0-150	36573
0-160	36573
0-170	36573
0-180	36573