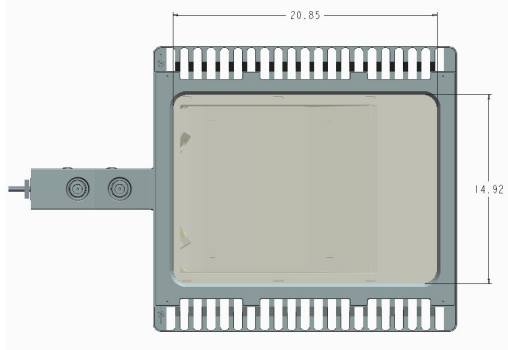


## ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 35 foot mounting height.



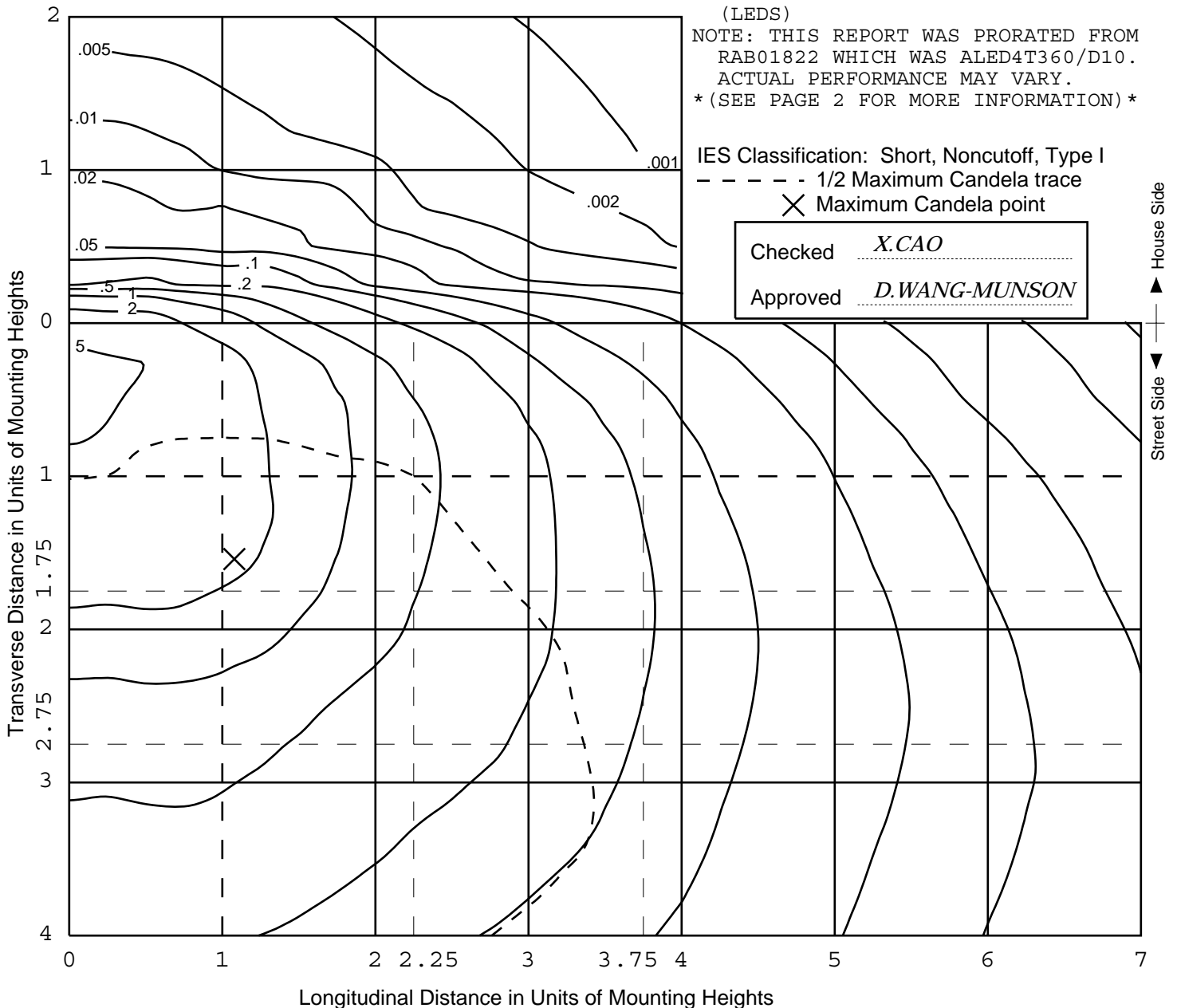
REPORT NUMBER: PRORATED FROM RAB01822  
ISSUE DATE: 04/05/16 PAGE: 1 OF 9  
DATE SAMPLE TESTED: 04/05/16  
PREPARED FOR: RAB LIGHTING INC.  
CATALOG NUMBER: ALED4T360/480/D10 -

ALED4T360SF/480/D10 -  
WPLED4T360/480/D10 -  
WPLED4T360FX/480/D10 (TYPE IV)  
LUMINAIRE: CAST FINNED METAL HOUSING, 4  
CIRCUIT BOARDS EACH WITH 1 LED,  
MOLDED 2-PIECE PLASTIC REFLECTOR WITH  
SPECULAR FINISH AND 1 APERTURE PER  
LED, CLEAR FLAT GLASS LENS IN CAST  
BRONZE PAINTED METAL LENS FRAME.  
LAMPS: FOUR WHITE LIGHT EMITTING DIODES  
(LEDS)

NOTE: THIS REPORT WAS PRORATED FROM  
RAB01822 WHICH WAS ALED4T360/D10.  
ACTUAL PERFORMANCE MAY VARY.  
\*(SEE PAGE 2 FOR MORE INFORMATION)\*

IES Classification: Short, Noncutoff, Type I

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



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ADDITIONAL INFORMATION

TOTAL INPUT WATTS = 358.7 W AT 347.0 VAC.

LED DRIVER: 2X RD-G200-A2100-D

TEST PROCEDURE: IESNA LM-79-08

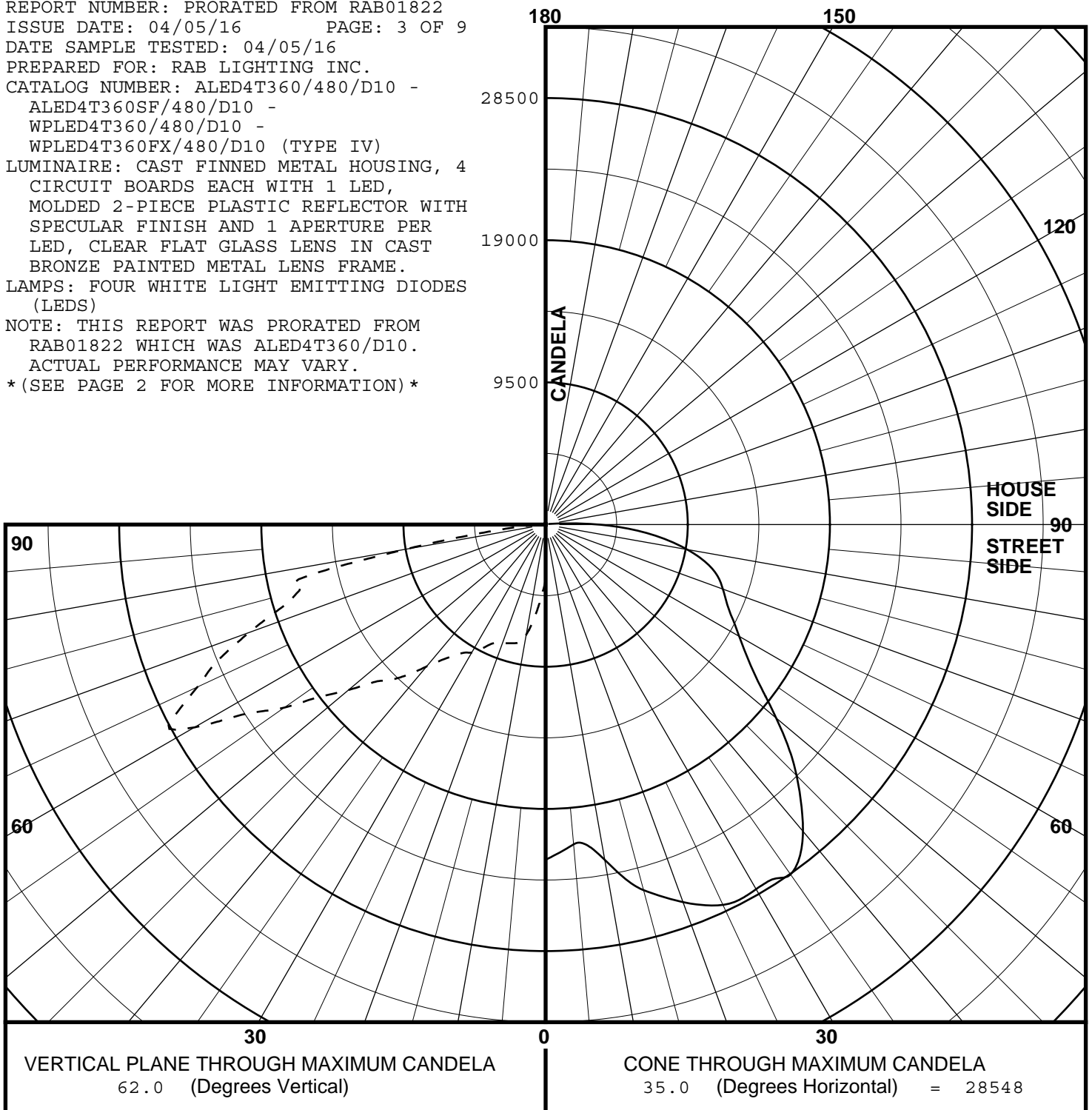
TEST DISTANCE : 28.25 FEET

ACCREDITED LABORATORY CODE 201058-0

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

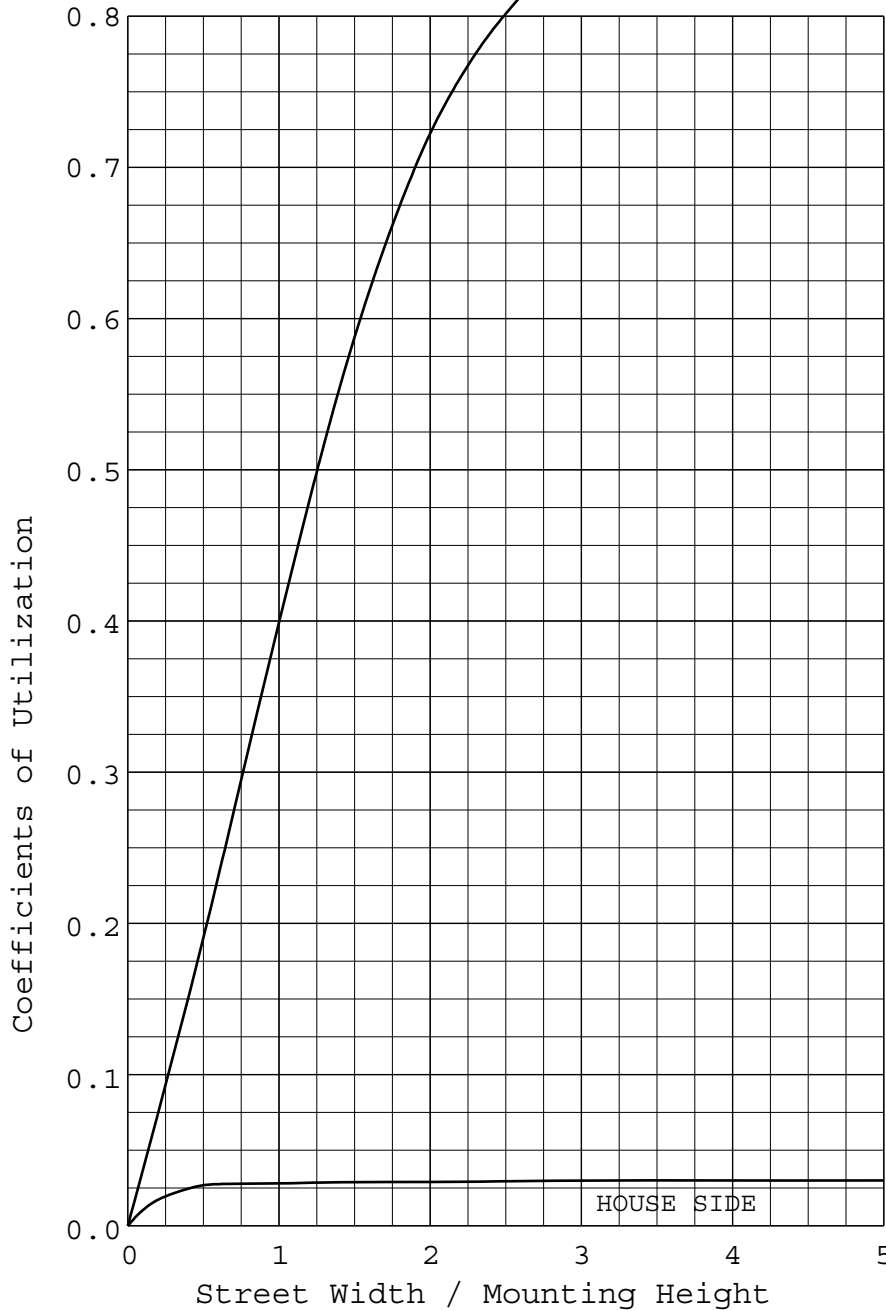
REPORT NUMBER: PRORATED FROM RAB01822  
 ISSUE DATE: 04/05/16 PAGE: 3 OF 9  
 DATE SAMPLE TESTED: 04/05/16  
 PREPARED FOR: RAB LIGHTING INC.  
 CATALOG NUMBER: ALED4T360/480/D10 -  
 ALED4T360SF/480/D10 -  
 WPLED4T360/480/D10 -  
 WPLED4T360FX/480/D10 (TYPE IV)  
 LUMINAIRE: CAST FINNED METAL HOUSING, 4  
 CIRCUIT BOARDS EACH WITH 1 LED,  
 MOLDED 2-PIECE PLASTIC REFLECTOR WITH  
 SPECULAR FINISH AND 1 APERTURE PER  
 LED, CLEAR FLAT GLASS LENS IN CAST  
 BRONZE PAINTED METAL LENS FRAME.  
 LAMPS: FOUR WHITE LIGHT EMITTING DIODES  
 (LEDs)  
 NOTE: THIS REPORT WAS PRORATED FROM  
 RAB01822 WHICH WAS ALED4T360/D10.  
 ACTUAL PERFORMANCE MAY VARY.  
 \*(SEE PAGE 2 FOR MORE INFORMATION)\*



STREET SIDE  
REPORT NUMBER: PRORATED FROM RAB01822  
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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	36444.	96.9
DOWNWARD HOUSE SIDE	1165.	3.1
DOWNWARD TOTAL	37609.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	37609.	100.0
TOTAL INPUT WATTS = 358.7		
EFFICACY = 104.8 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 RAB01822  
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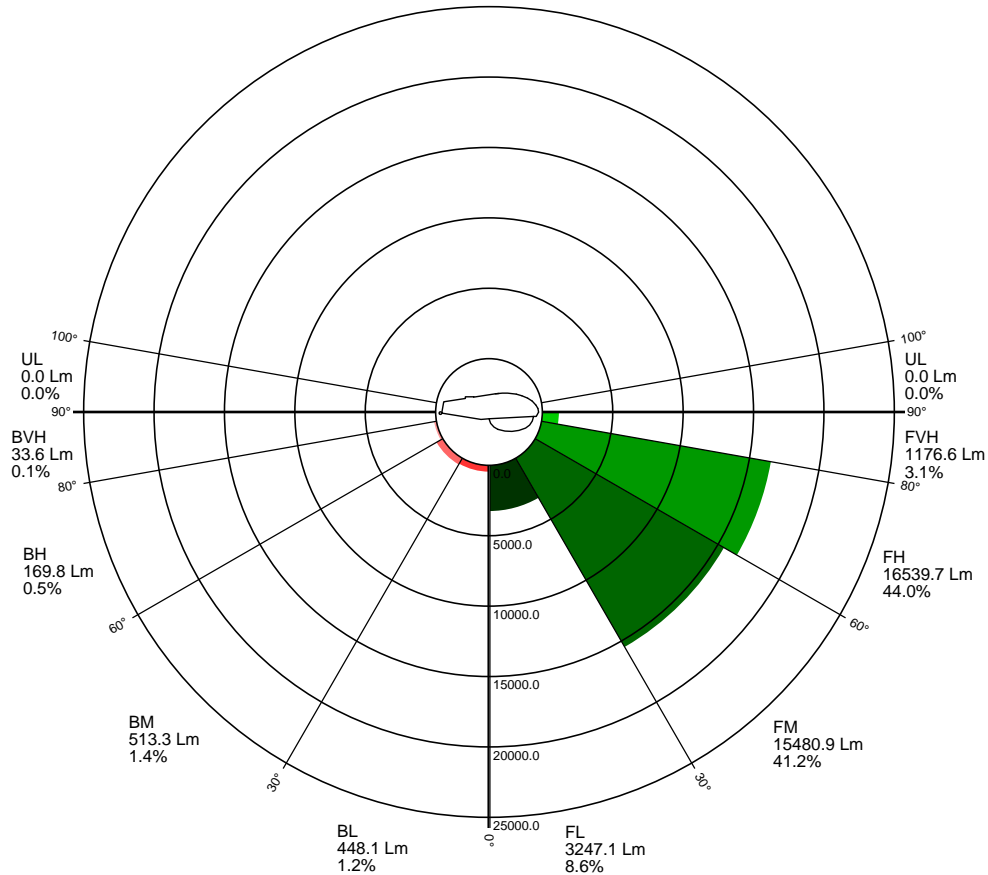
PAGE: 5 OF 9  
 DATE SAMPLE TESTED: 04/05/16

BUG Rating:				B1	U0	G5
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		36444	96.9			
FL	(0° – 30°)	3247.1	8.6			
FM	(30° – 60°)	15480.9	41.2			
FH	(60° – 80°)	16539.7	44.0			G5
FVH	(80° – 90°)	1176.6	3.1			G5
Backward		1165	3.1			
BL	(0° – 30°)	448.1	1.2	B1		
BM	(30° – 60°)	513.3	1.4	B1		
BH	(60° – 80°)	169.8	0.5	B1		G1
BVH	(80° – 90°)	33.6	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		37609	100.0			

### Zonal Lumen Summary

(Linear scale)

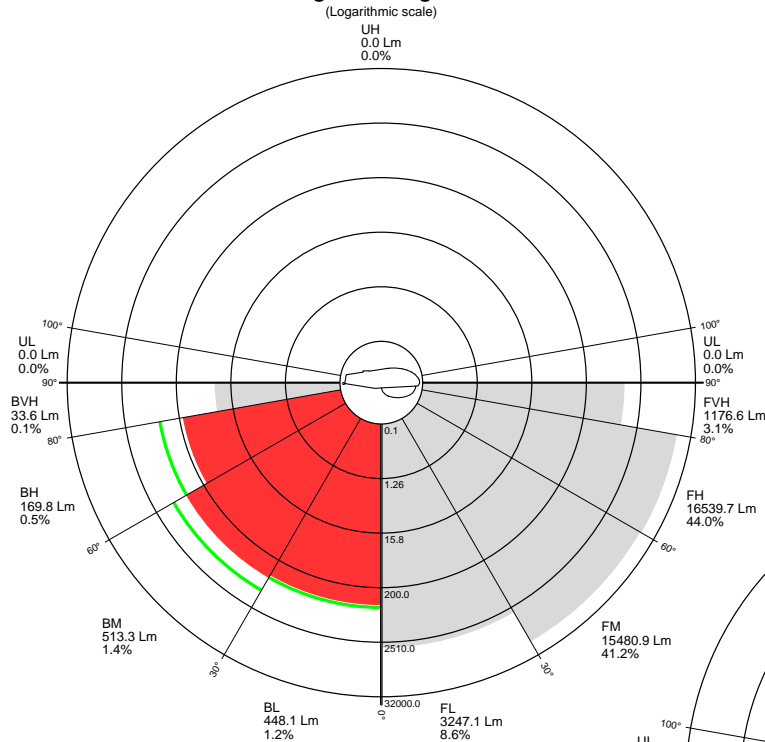
UH  
0.0 Lm  
0.0%



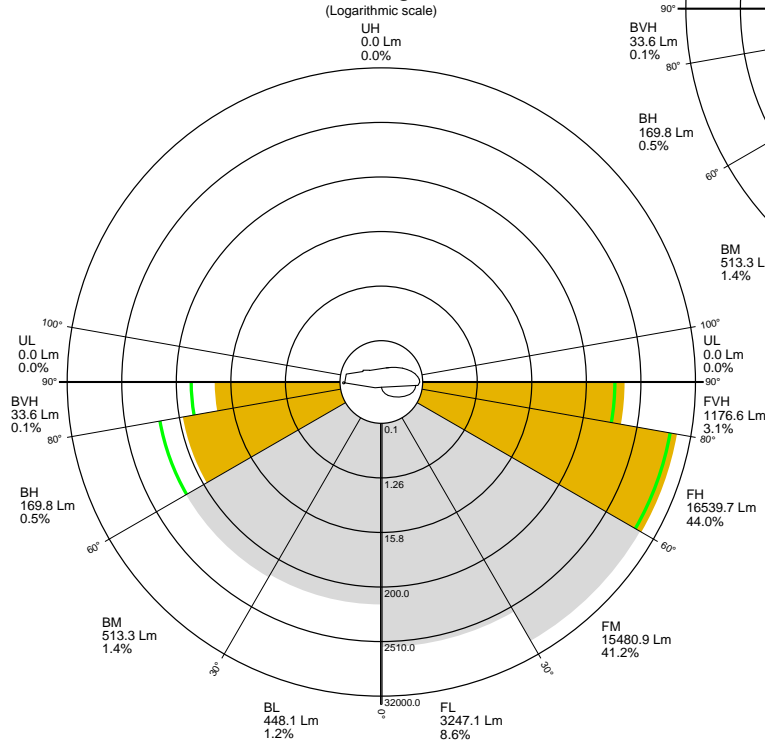
REPORT NUMBER: PRORATED FROM RAB01822  
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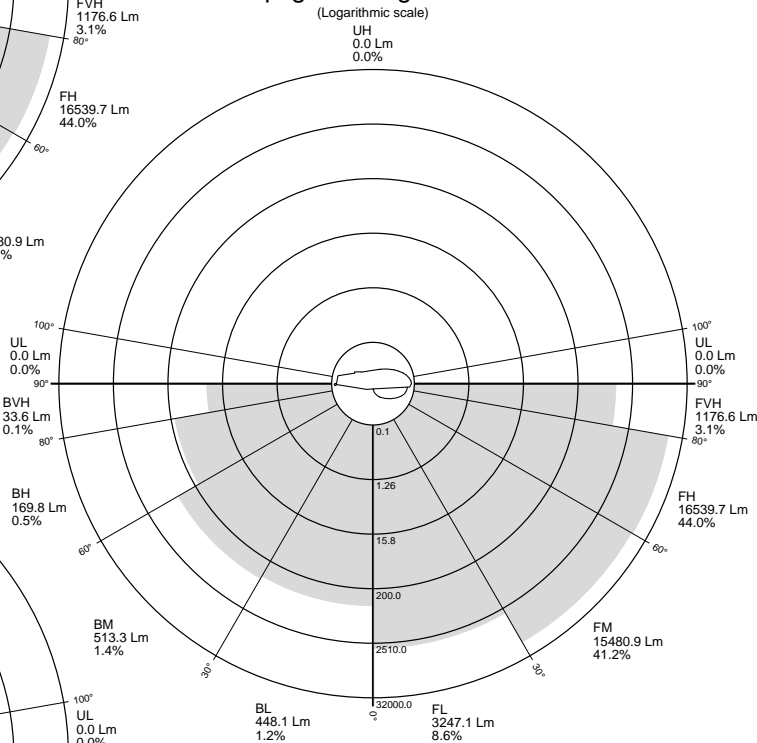
### Backlight Rating Details



### 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	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	175.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	165.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	155.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	145.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	135.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	125.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	115.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	105.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	95.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	90.0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	87.5	86.	99.	80.	121.	207.	267.	268.	197.	118.	108.
	85.0	1291.	1444.	1271.	1711.	1839.	1797.	1403.	1134.	692.	189.
	82.5	4907.	5193.	4660.	4270.	4367.	4967.	4078.	3475.	1817.	458.
V	80.0	7294.	7949.	8836.	7808.	9467.	10497.	8121.	6426.	3434.	1421.
E	77.5	15791.	16507.	17368.	16424.	16902.	15873.	12279.	9287.	5405.	2439.
R	75.0	22593.	24679.	24376.	20809.	17037.	17577.	15349.	11213.	7527.	3586.
T	72.5	21889.	21398.	24222.	21736.	18550.	18666.	15783.	12843.	9404.	3955.
I	70.0	19083.	19189.	22620.	21887.	21082.	20294.	16633.	13877.	10809.	5086.
C	67.5	18768.	18792.	21799.	24299.	23710.	20684.	17161.	14865.	10758.	5966.
A	65.0	20802.	20276.	23528.	26031.	25686.	22713.	17052.	14497.	11356.	6362.
L	62.5	22309.	21523.	24893.	27796.	28123.	23850.	16931.	13647.	11605.	6840.
	62.0<	22399.	21449.	25295.	28041.	28548.	23722.	16869.	13544.	11567.	6930.
A	60.0	23342.	22015.	25735.	28392.	27094.	22338.	16685.	13339.	11010.	7192.
N	57.5	25151.	24102.	26515.	26605.	23427.	19971.	15943.	13107.	10792.	7355.
G	55.0	23373.	23312.	24261.	22682.	21322.	18123.	15135.	12482.	10574.	7444.
L	52.5	20155.	19427.	20938.	19644.	18832.	16526.	14150.	11849.	9859.	7437.
E	50.0	17094.	16716.	17421.	17823.	17192.	15339.	13626.	11402.	9541.	7416.
	47.5	14595.	14609.	15035.	16739.	15594.	14553.	12785.	10906.	9313.	7424.
	45.0	13917.	13562.	14022.	14954.	14704.	13483.	12049.	10473.	9220.	7417.
	42.5	13462.	12866.	12959.	13671.	13603.	12157.	11213.	9997.	9044.	7173.
	40.0	12844.	12456.	12467.	12935.	12387.	11523.	10485.	9612.	8694.	6787.
	37.5	12600.	12344.	12155.	12001.	11413.	10864.	10073.	9345.	8515.	6749.
	35.0	11905.	11699.	11521.	11137.	10687.	10359.	9972.	9134.	8217.	6374.
	30.0	10263.	10243.	10223.	9712.	9869.	9750.	9542.	9081.	8082.	6107.
	25.0	9496.	9425.	9407.	9102.	8845.	8991.	8765.	8613.	7640.	5876.
	20.0	8973.	8946.	8966.	8749.	8443.	7994.	7880.	7511.	6256.	4807.
	15.0	8384.	8424.	8461.	8407.	8206.	7850.	7252.	6464.	5433.	4268.
	10.0	7783.	7748.	7761.	7663.	7489.	6960.	6374.	5660.	4853.	4118.
	5.0	5854.	5764.	5759.	5612.	5478.	5225.	4953.	4656.	4386.	4046.
	0.0	3706.	3706.	3706.	3706.	3706.	3706.	3706.	3706.	3706.	3706.
						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	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	93.	62.	64.	66.	67.	67.	67.	67.	66.	65.	65.
85.0	126.	70.	66.	66.	65.	65.	63.	64.	63.	62.	61.
82.5	229.	84.	69.	66.	64.	63.	61.	60.	59.	58.	58.
V 80.0	847.	107.	73.	66.	62.	60.	58.	57.	56.	54.	54.
E 77.5	1397.	158.	76.	66.	60.	58.	56.	55.	53.	51.	51.
R 75.0	1898.	218.	82.	68.	59.	56.	54.	53.	52.	50.	50.
T 72.5	2220.	280.	95.	75.	59.	55.	53.	52.	51.	49.	48.
I 70.0	2718.	387.	108.	81.	60.	56.	53.	53.	51.	49.	48.
C 67.5	3074.	499.	120.	92.	61.	56.	54.	53.	51.	49.	49.
A 65.0	3213.	620.	133.	123.	63.	57.	54.	53.	52.	50.	49.
L 62.5	3483.	809.	151.	144.	66.	58.	55.	54.	53.	51.	50.
62.0<<	3537.	858.	155.	184.	66.	58.	55.	54.	53.	51.	50.
A 60.0	3713.	1074.	175.	163.	70.	59.	56.	55.	54.	52.	51.
N 57.5	4002.	1350.	204.	152.	73.	61.	57.	57.	55.	53.	53.
G 55.0	4247.	1591.	240.	161.	81.	62.	58.	58.	56.	54.	53.
L 52.5	4506.	1870.	287.	124.	134.	64.	60.	59.	58.	55.	55.
E 50.0	4747.	2126.	333.	132.	89.	67.	61.	60.	59.	57.	56.
47.5	4868.	2294.	400.	135.	89.	69.	63.	61.	60.	58.	58.
45.0	4990.	2483.	428.	157.	103.	72.	64.	62.	61.	60.	59.
42.5	4890.	2671.	520.	164.	114.	76.	67.	64.	63.	62.	61.
40.0	4726.	2827.	616.	185.	126.	80.	71.	67.	66.	64.	64.
37.5	4736.	3102.	673.	205.	131.	87.	74.	70.	68.	66.	66.
35.0	4592.	3394.	739.	274.	126.	98.	78.	73.	71.	69.	68.
30.0	4841.	4180.	1134.	457.	165.	122.	90.	82.	79.	75.	74.
25.0	4674.	4128.	1510.	576.	307.	146.	116.	98.	91.	86.	84.
20.0	4010.	3399.	1992.	1053.	435.	290.	200.	126.	107.	94.	93.
15.0	3765.	3241.	2367.	1443.	888.	533.	399.	322.	269.	208.	212.
10.0	3777.	3450.	2844.	2290.	1645.	1201.	927.	736.	627.	567.	588.
5.0	3874.	3703.	3337.	3039.	2791.	2563.	2363.	2112.	2024.	1943.	1990.
0.0	3706.	3706.	3706.	3706.	3706.	3706.	3706.	3706.	3706.	3706.	3706.

CONE OF MAXIMUM CANDELA



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### 5-DEGREE ZONAL LUMEN SUMMARY

0- 5	91
5- 10	284
10- 15	486
15- 20	693
20- 25	932
25- 30	1209
30- 35	1493
35- 40	1814
40- 45	2205
45- 50	2715
50- 55	3446
55- 60	4321
60- 65	4716
65- 70	4502
70- 75	4279
75- 80	3213
80- 85	1087
85- 90	124
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	375
0- 20	1554
0- 30	3695
0- 40	7002
0- 50	11922
0- 60	19689
0- 70	28907
0- 80	36399
0- 90	37609
0-100	37609
0-110	37609
0-120	37609
0-130	37609
0-140	37609
0-150	37609
0-160	37609
0-170	37609
0-180	37609