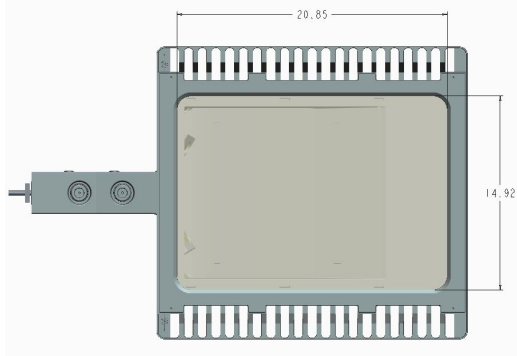


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 25 foot mounting height.



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DATE SAMPLE TESTED: 03/29/16
PREPARED FOR: RAB LIGHTING INC.
CATALOG NUMBER: ALED4T260/480/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)

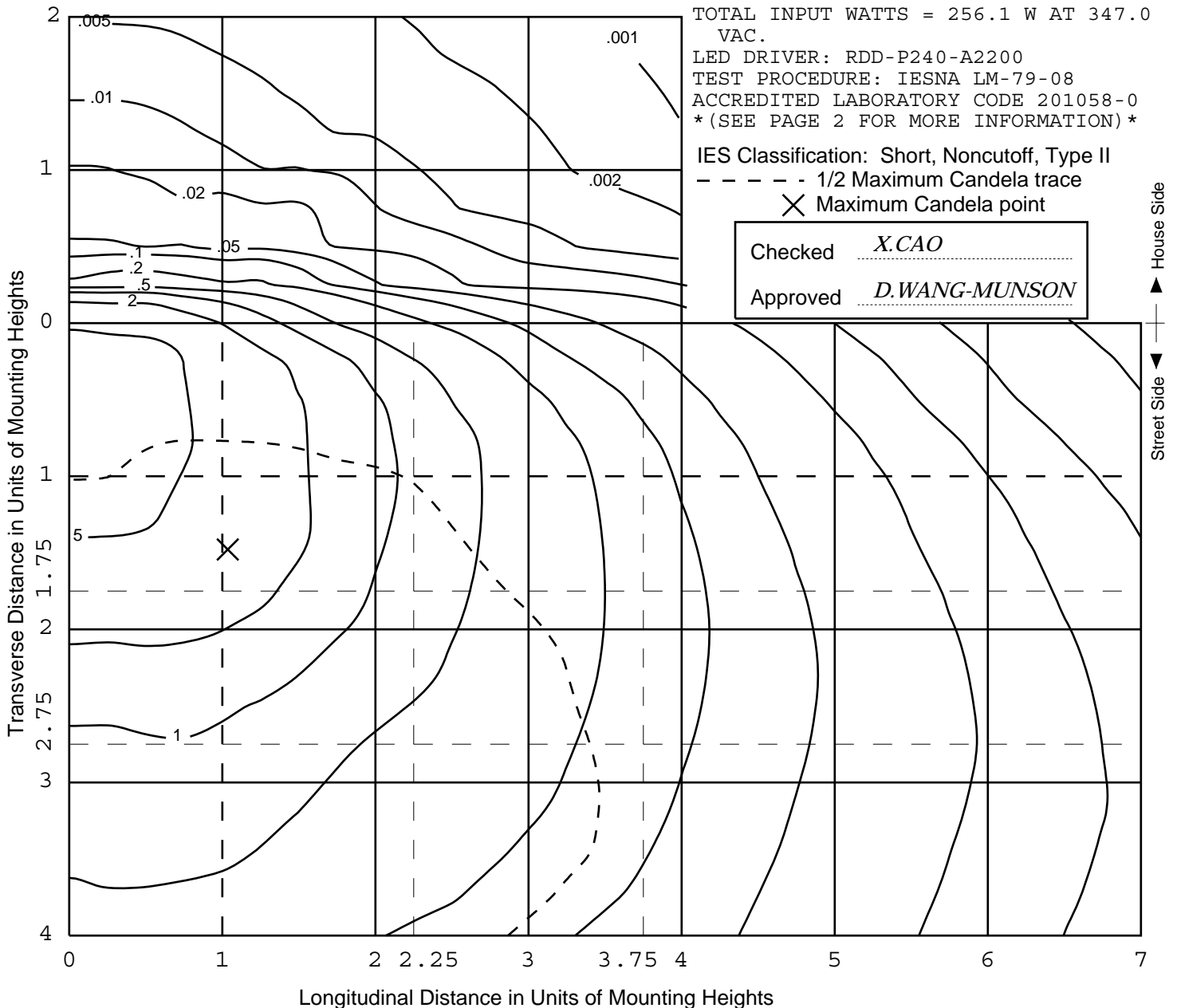
NOTE: THIS REPORT WAS PRORATED FROM
RAB01809 WHICH WAS ALED4T260/D10.
ACTUAL PERFORMANCE MAY VARY.
TOTAL INPUT WATTS = 256.1 W AT 347.0
VAC.

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

IES Classification: Short, Noncutoff, Type II

--- 1/2 Maximum Candela trace

X Maximum Candela point



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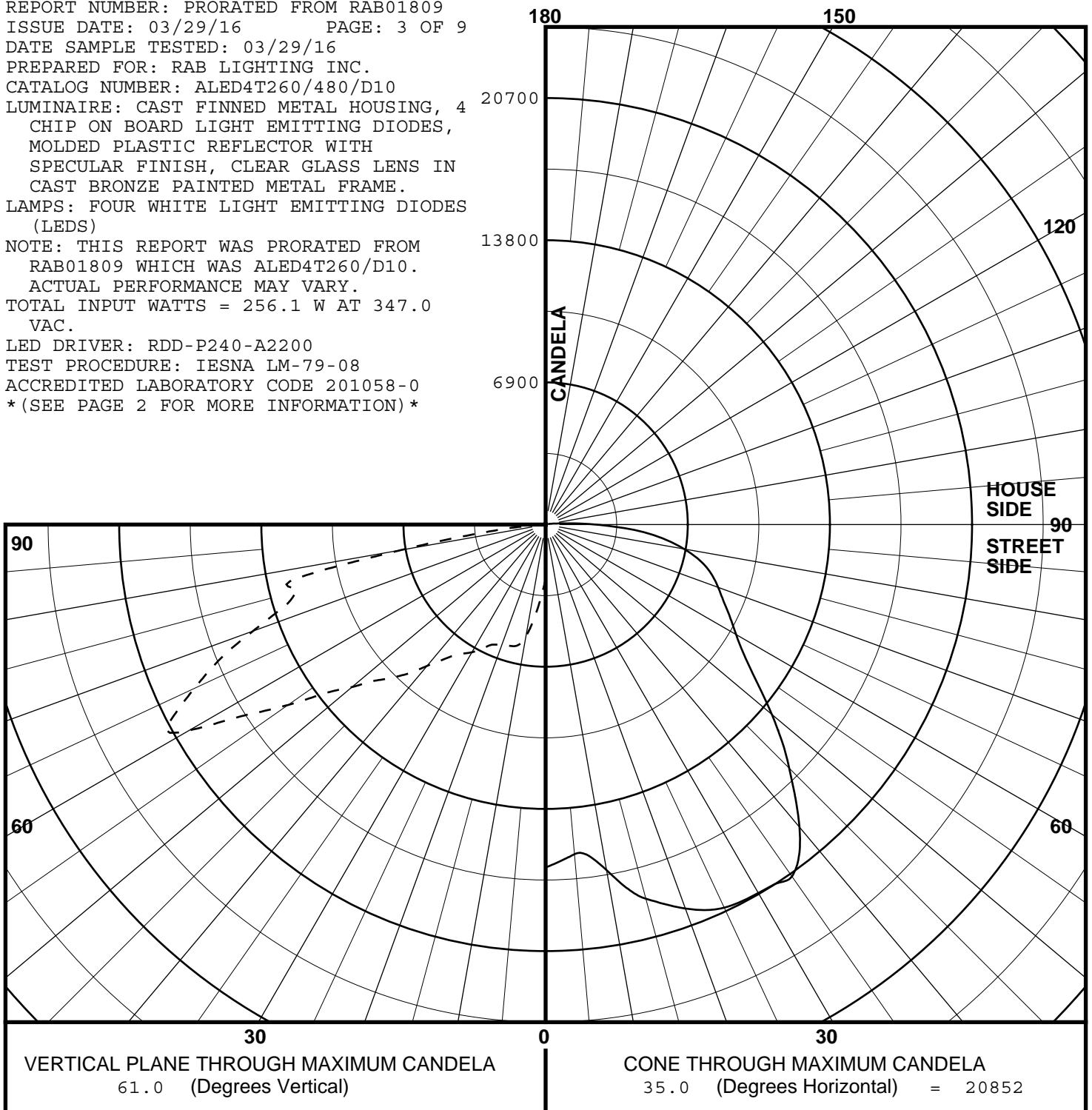
ADDITIONAL INFORMATION

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

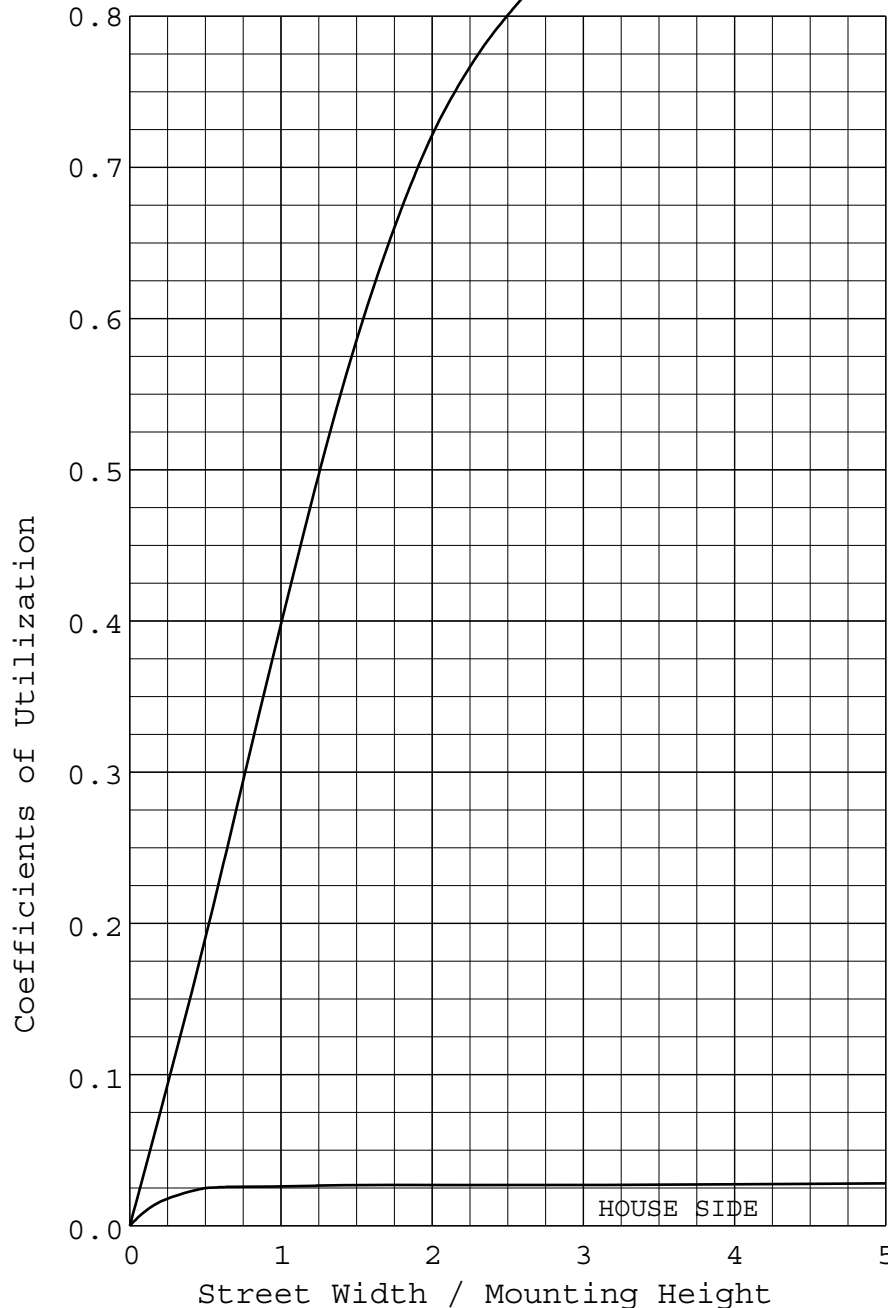
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 ISSUE DATE: 03/29/16 PAGE: 3 OF 9
 DATE SAMPLE TESTED: 03/29/16
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 CHIP ON BOARD LIGHT EMITTING DIODES,
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 SPECULAR FINISH, CLEAR GLASS LENS IN
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 LAMPS: FOUR WHITE LIGHT EMITTING DIODES
 (LEDS)
 NOTE: THIS REPORT WAS PRORATED FROM
 RAB01809 WHICH WAS ALED4T260/D10.
 ACTUAL PERFORMANCE MAY VARY.
 TOTAL INPUT WATTS = 256.1 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)



STREET SIDE
REPORT NUMBER: PRORATED FROM RAB01809
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PREPARED FOR: RAB LIGHTING INC.

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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	26488.	97.1
DOWNWARD HOUSE SIDE	778.	2.9
DOWNWARD TOTAL	27265.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	27265.	100.0
TOTAL INPUT WATTS = 256.1		
EFFICACY = 106.5 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 RAB01809
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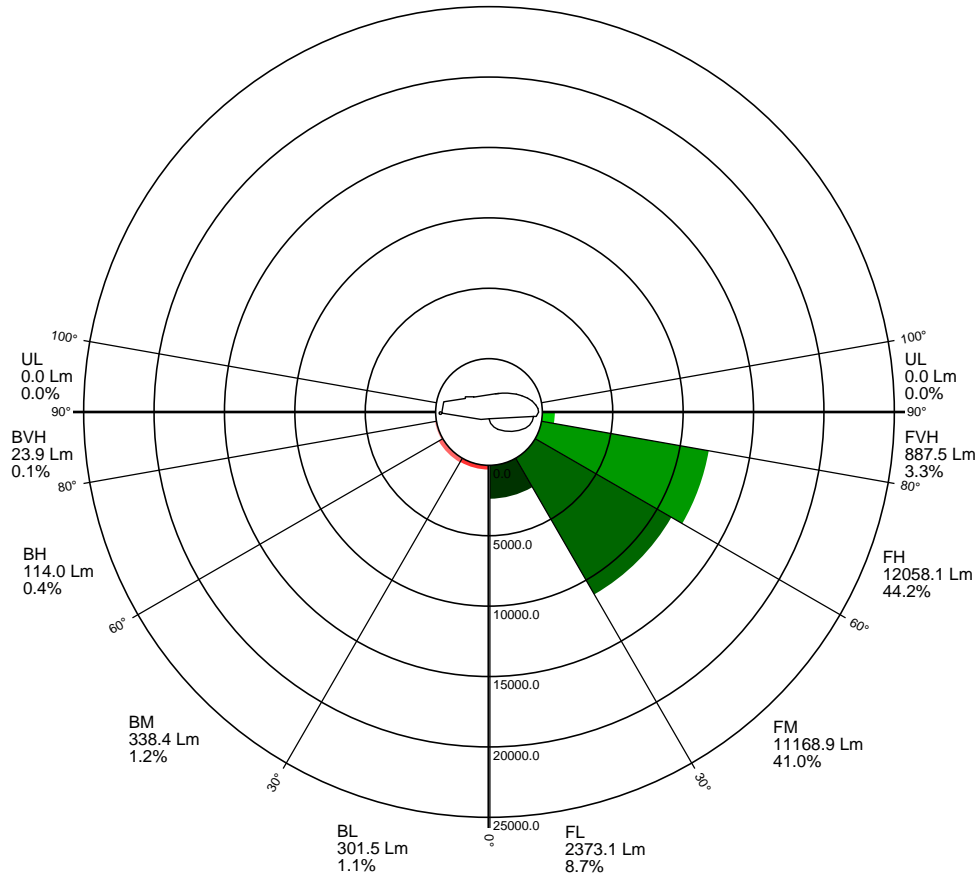
PAGE: 5 OF 9
 DATE SAMPLE TESTED: 03/29/16

BUG Rating:				B1 U0 G5		
Zonal Summary		Lumens	% of Fixture	Zone Ratings		
				B	U	G
Forward		26488	97.1			
FL	(0° - 30°)	2373.1	8.7			
FM	(30° - 60°)	11168.9	41.0			
FH	(60° - 80°)	12058.1	44.2			G5
FVH	(80° - 90°)	887.5	3.3			G5
Backward		778	2.9			
BL	(0° - 30°)	301.5	1.1	B1		
BM	(30° - 60°)	338.4	1.2	B1		
BH	(60° - 80°)	114.0	0.4	B1		G1
BVH	(80° - 90°)	23.9	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		27265	100.0			

Zonal Lumen Summary

(Linear scale)

UH
0.0 Lm
0.0%

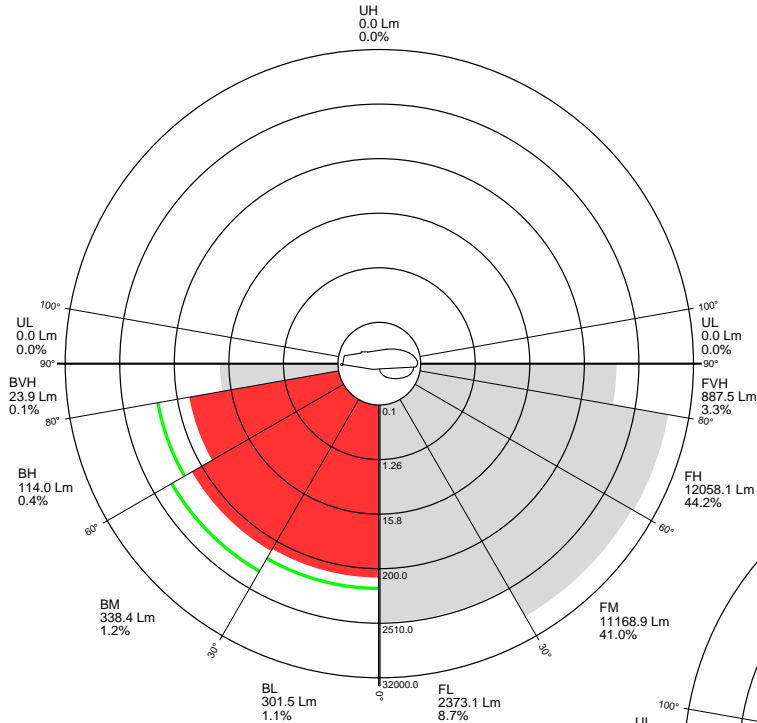


REPORT NUMBER: PRORATED FROM RAB01809
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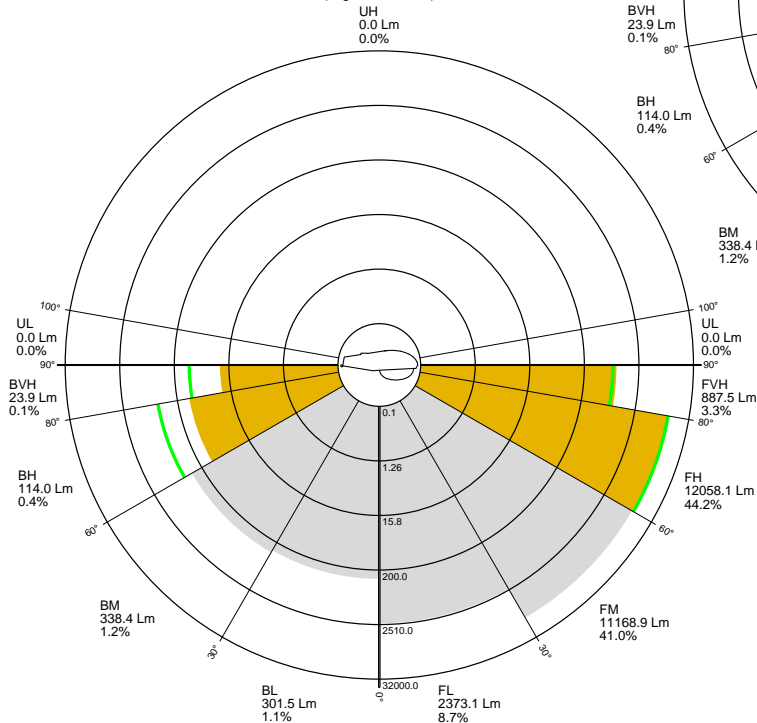
Backlight Rating Details

(Logarithmic scale)



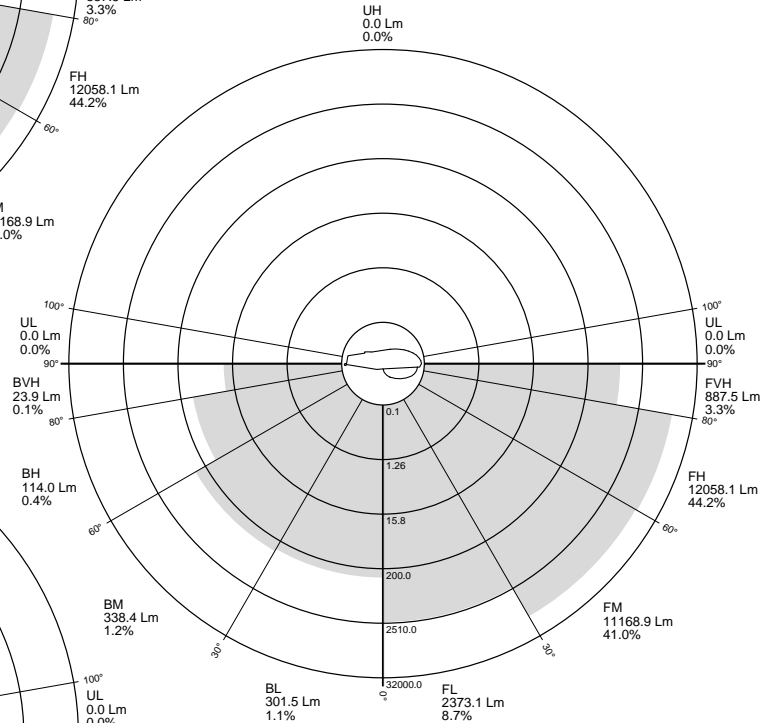
Glare Rating Details

(Logarithmic scale)



Uplight Rating Details

(Logarithmic scale)



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CANDLE LATERATION		LATERAL ANGLE									
STREET SIDE		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	73.	84.	61.	102.	163.	201.	194.	134.	85.	79.
	85.0	1084.	1230.	1042.	1305.	1346.	1306.	987.	858.	550.	138.
	82.5	3629.	3855.	3476.	3182.	3260.	3651.	3003.	2597.	1353.	344.
V	80.0	5679.	6258.	7027.	6079.	7133.	7839.	6197.	4750.	2556.	1044.
E	77.5	12142.	12616.	12980.	12146.	12707.	11733.	9184.	6747.	3937.	1778.
R	75.0	16718.	18198.	18336.	15286.	12518.	12751.	11107.	8171.	5506.	2550.
T	72.5	15909.	15386.	17475.	15560.	13357.	13514.	11401.	9197.	6889.	2849.
I	70.0	13837.	13838.	16294.	15690.	15114.	14562.	11977.	10001.	7796.	3650.
C	67.5	13693.	13674.	15806.	17592.	17147.	14905.	12413.	10677.	7724.	4231.
A	65.0	15171.	14854.	17194.	19038.	18817.	16663.	12298.	10353.	8217.	4562.
L	62.5	16358.	15810.	18415.	20335.	20497.	17422.	12227.	9840.	8341.	4884.
	61.0	<16647.	16056.	18804.	20516.	20852.	16729.	12107.	9707.	8103.	5041.
A	60.0	17116.	16422.	18729.	20618.	19985.	16054.	12091.	9614.	7850.	5119.
N	57.5	18194.	17833.	19279.	19436.	17179.	14287.	11368.	9396.	7837.	5268.
G	55.0	17177.	16820.	17598.	16358.	15265.	12975.	10711.	8904.	7631.	5310.
L	52.5	14566.	14058.	14955.	14151.	13417.	11794.	10148.	8484.	7127.	5263.
E	50.0	12179.	11965.	12409.	12692.	12269.	10953.	9744.	8210.	6842.	5241.
	47.5	10557.	10490.	10804.	11917.	11208.	10509.	9199.	7827.	6677.	5246.
	45.0	10138.	9886.	10109.	10707.	10501.	9772.	8693.	7521.	6625.	5252.
	42.5	9780.	9423.	9454.	9835.	9788.	8873.	8054.	7225.	6495.	5042.
	40.0	9390.	9184.	9071.	9368.	8957.	8352.	7562.	6951.	6282.	4720.
	37.5	9181.	9068.	8831.	8771.	8295.	7882.	7275.	6758.	6174.	4725.
	35.0	8699.	8556.	8384.	8150.</						

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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	67.	45.	47.	48.	49.	49.	49.	49.	49.	48.	48.
85.0	92.	49.	47.	48.	48.	47.	46.	47.	46.	46.	45.
82.5	149.	58.	48.	47.	46.	45.	44.	44.	43.	43.	43.
V 80.0	608.	74.	50.	46.	44.	43.	42.	41.	40.	39.	39.
E 77.5	1023.	107.	52.	46.	42.	41.	39.	39.	38.	37.	37.
R 75.0	1353.	147.	55.	47.	41.	39.	38.	37.	36.	35.	35.
T 72.5	1543.	189.	63.	51.	40.	38.	37.	36.	35.	34.	33.
I 70.0	1834.	254.	72.	56.	40.	37.	36.	36.	35.	33.	33.
C 67.5	2079.	319.	79.	60.	40.	37.	36.	35.	35.	33.	33.
A 65.0	2163.	398.	84.	84.	41.	37.	36.	35.	35.	33.	33.
L 62.5	2343.	509.	95.	91.	43.	38.	36.	36.	35.	33.	33.
61.0<<	2433.	612.	105.	138.	44.	38.	36.	36.	35.	34.	33.
A 60.0	2526.	686.	111.	116.	45.	38.	36.	36.	35.	34.	34.
N 57.5	2729.	885.	134.	103.	46.	39.	37.	37.	36.	34.	34.
G 55.0	2903.	1054.	154.	111.	52.	40.	37.	37.	36.	35.	34.
L 52.5	3088.	1212.	187.	79.	84.	40.	37.	37.	37.	35.	35.
E 50.0	3285.	1373.	225.	83.	54.	41.	38.	38.	37.	36.	35.
47.5	3378.	1488.	266.	84.	55.	42.	38.	38.	38.	36.	36.
45.0	3468.	1596.	281.	98.	66.	44.	39.	39.	38.	38.	37.
42.5	3414.	1736.	329.	106.	74.	47.	41.	40.	40.	39.	38.
40.0	3333.	1851.	394.	113.	79.	48.	43.	41.	41.	40.	40.
37.5	3360.	2008.	440.	129.	84.	52.	45.	42.	42.	41.	40.
35.0	3274.	2207.	480.	176.	81.	58.	46.	44.	43.	42.	42.
30.0	3419.	2823.	710.	284.	99.	71.	53.	49.	47.	45.	44.
25.0	3293.	2894.	968.	371.	197.	88.	73.	58.	54.	50.	49.
20.0	2791.	2359.	1284.	675.	263.	189.	118.	74.	61.	54.	53.
15.0	2657.	2262.	1584.	950.	563.	341.	255.	204.	169.	131.	119.
10.0	2668.	2421.	1992.	1544.	1071.	793.	612.	483.	408.	378.	372.
5.0	2742.	2605.	2351.	2135.	1974.	1776.	1596.	1423.	1327.	1255.	1282.
0.0	2610.	2610.	2610.	2610.	2610.	2610.	2610.	2610.	2610.	2610.	2610.

CONE OF MAXIMUM CANDELA

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5-DEGREE ZONAL LUMEN SUMMARY

0- 5	64
5- 10	203
10- 15	352
15- 20	503
20- 25	677
25- 30	876
30- 35	1077
35- 40	1309
40- 45	1587
45- 50	1942
50- 55	2465
55- 60	3127
60- 65	3433
65- 70	3252
70- 75	3096
75- 80	2391
80- 85	818
85- 90	93
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	267
0- 20	1122
0- 30	2675
0- 40	5061
0- 50	8589
0- 60	14182
0- 70	20867
0- 80	26354
0- 90	27265
0-100	27265
0-110	27265
0-120	27265
0-130	27265
0-140	27265
0-150	27265
0-160	27265
0-170	27265
0-180	27265