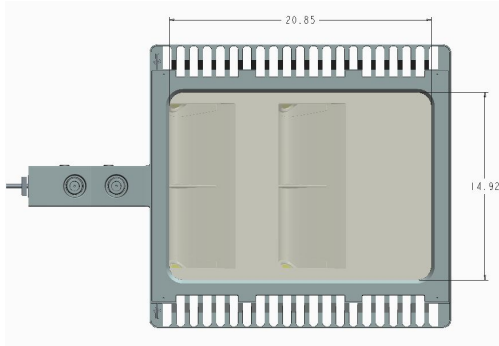


ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION

Values based on 35 foot mounting height.



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PREPARED FOR: RAB LIGHTING INC.
CATALOG NUMBER: ALED2T360N/480/D10 -
ALED2T360SFN/480/D10 -
WPLED2T360N/480/D10 -
WPLED2T360NFX/480/D10 (TYPE II)
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
RAB01579 WHICH WAS ALED2T360N/D10.
ACTUAL PERFORMANCE MAY VARY.
TOTAL INPUT WATTS = 358.5 W AT 347.0
VAC.

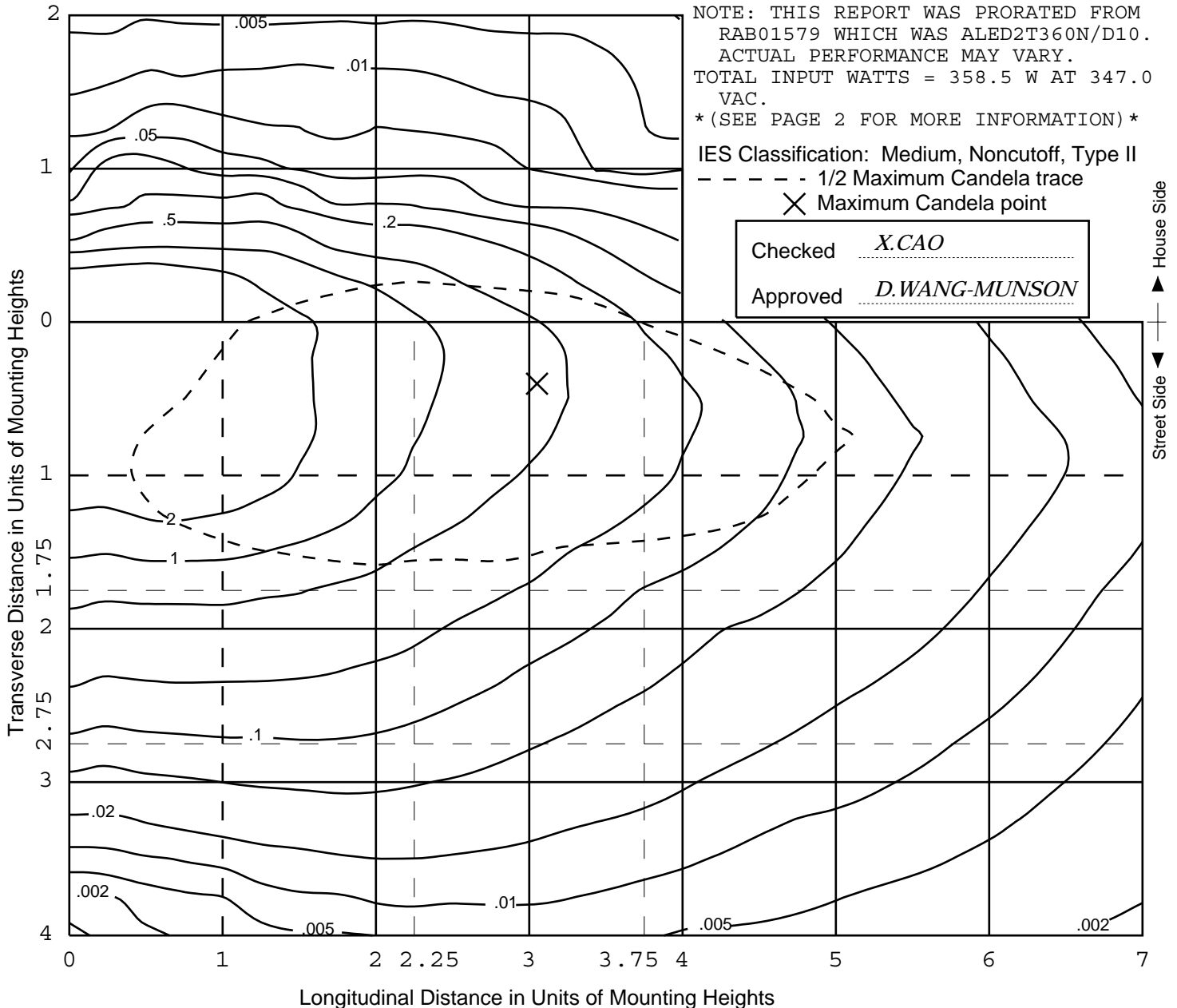
(SEE PAGE 2 FOR MORE INFORMATION)

IES Classification: Medium, Noncutoff, Type II

--- 1/2 Maximum Candela trace

X Maximum Candela point

Checked X.CAO
Approved D.WANG-MUNSON



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ADDITIONAL INFORMATION

LED DRIVER: 2X RDD-P240-A2200

TEST PROCEDURE: IESNA LM-79-08

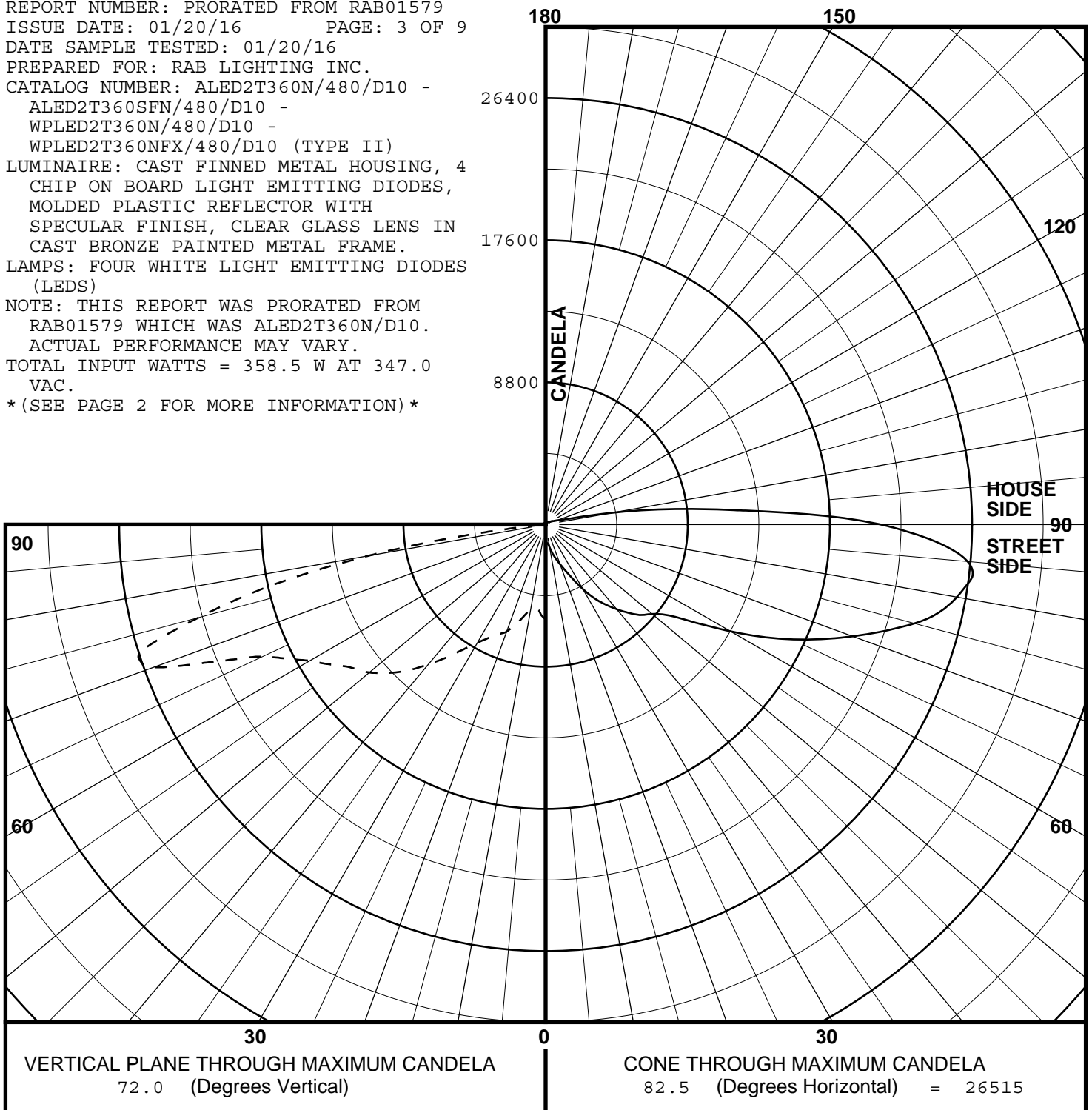
TEST DISTANCE : 28.25 FEET

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

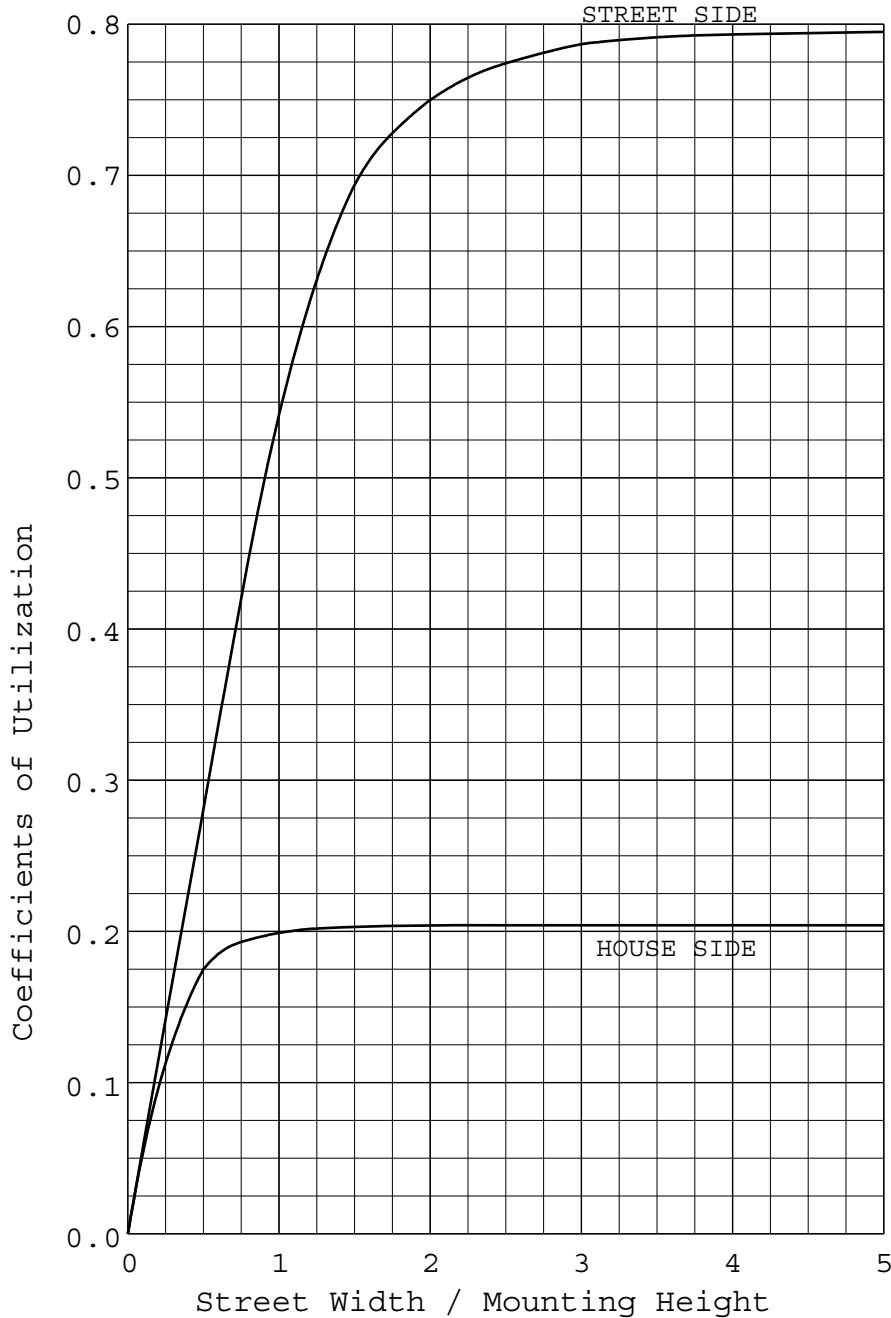
REPORT NUMBER: PRORATED FROM RAB01579
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 DATE SAMPLE TESTED: 01/20/16
 PREPARED FOR: RAB LIGHTING INC.
 CATALOG NUMBER: ALED2T360N/480/D10 -
 ALED2T360SFN/480/D10 -
 WPLED2T360N/480/D10 -
 WPLED2T360NFX/480/D10 (TYPE II)
 LUMINAIRE: CAST FINNED METAL 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
 RAB01579 WHICH WAS ALED2T360N/D10.
 ACTUAL PERFORMANCE MAY VARY.
 TOTAL INPUT WATTS = 358.5 W AT 347.0
 VAC.
 (SEE PAGE 2 FOR MORE INFORMATION)



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COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	28667.	79.5
DOWNWARD HOUSE SIDE	7383.	20.5
DOWNWARD TOTAL	36050.	100.0
UPWARD STREET SIDE	0.	0.0
UPWARD HOUSE SIDE	0.	0.0
UPWARD TOTAL	0.	0.0
TOTAL FLUX	36050.	100.0
TOTAL INPUT WATTS = 358.5		
EFFICACY = 100.6 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.

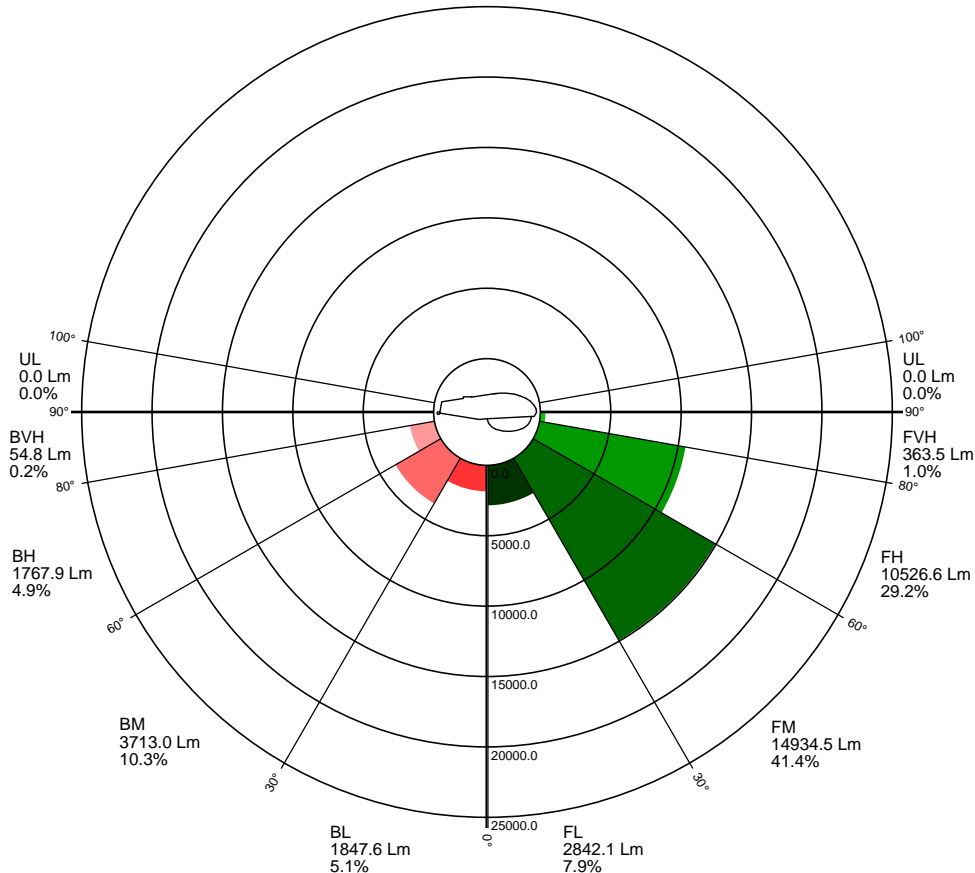
PAGE: 5 OF 9
 DATE SAMPLE TESTED: 01/20/16

BUG Rating:				<div>B3</div> <div>U0</div> <div>G4</div>		
Zonal Summary				Zone Ratings		
		Lumens	% of Fixture	B	U	G
Forward		28667	79.5			
FL	(0° - 30°)	2842.1	7.9			
FM	(30° - 60°)	14934.5	41.4			
FH	(60° - 80°)	10526.6	29.2			<div>G4</div>
FVH	(80° - 90°)	363.5	1.0			G3
Backward		7383	20.5			
BL	(0° - 30°)	1847.6	5.1	<div>B3</div>		
BM	(30° - 60°)	3713.0	10.3	<div>B3</div>		
BH	(60° - 80°)	1767.9	4.9	<div>B3</div>		G3
BVH	(80° - 90°)	54.8	0.2			G1
Upward		0	0.0			
UL	(90° - 100°)	0.0	0.0		<div>U0</div>	
UH	(100° - 180°)	0.0	0.0		<div>U0</div>	
Trapped Light		0	0.0			
Total Flux		36050	100.0			

Zonal Lumen Summary

(Linear scale)

UH
0.0 Lm
0.0%

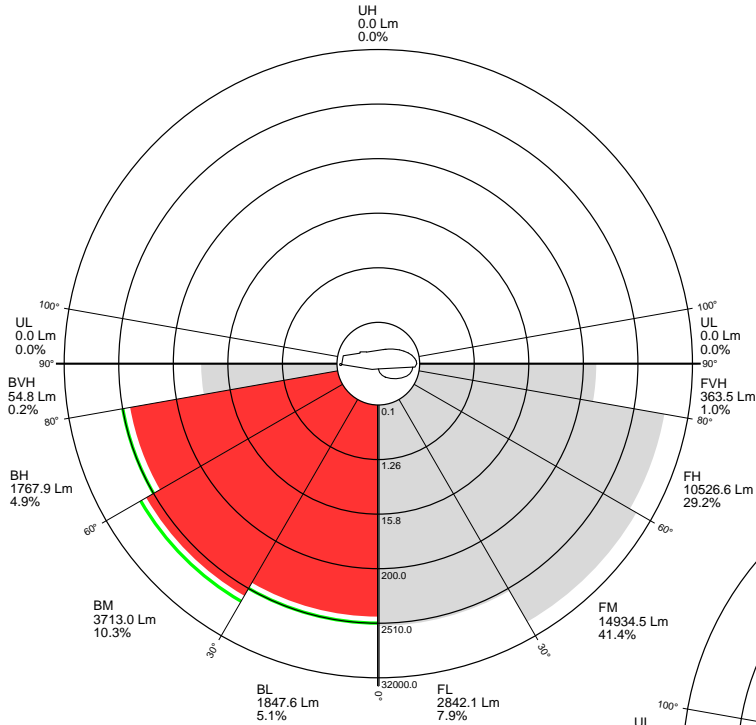


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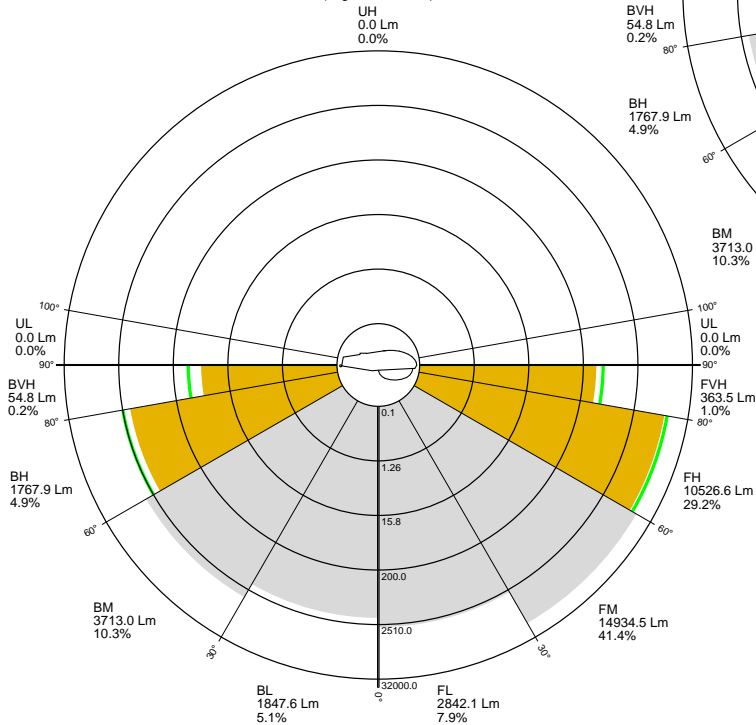
Backlight Rating Details

(Logarithmic scale)



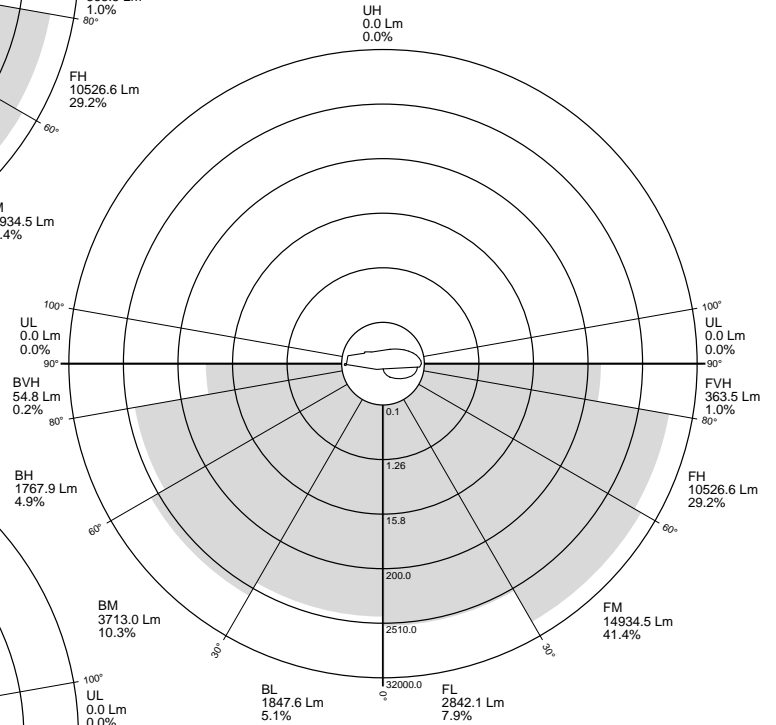
Glare Rating Details

(Logarithmic scale)



Uplight Rating Details

(Logarithmic scale)





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CANDELA TABULATION

CANDELA TABULATION		LATERAL ANGLE										
STREET	SIDE	0.0	5.0	15.0	25.0	35.0	45.0	55.0	65.0	75.0	82.5	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	33.	30.	32.	37.	41.	38.	39.	37.	83.	144.	134.
	85.0	41.	34.	40.	44.	54.	57.	68.	329.	402.	654.	446.
	82.5	42.	37.	45.	52.	67.	140.	838.	1727.	2623.	4460.	3168.
V	80.0	45.	39.	47.	63.	316.	1053.	2334.	4714.	8187.	11169.	8640.
E	77.5	51.	45.	69.	379.	1411.	2922.	5085.	7450.	14947.	17375.	14263.
R	75.0	91.	142.	479.	1526.	3406.	5427.	7406.	11309.	20205.	22250.	19430.
T	72.5	944.	981.	1732.	3128.	5477.	7602.	9639.	16137.	23420.	26401.	25893.
I	72.0<<	1210.	1156.	2021.	3434.	5800.	7868.	10074.	16811.	23639.	26515.	26226.
C	70.0	2499.	2230.	3227.	4657.	6680.	9001.	12652.	19315.	23823.	25852.	26013.
A	67.5	4108.	3647.	4473.	5594.	7487.	10632.	16385.	20949.	21834.	22162.	22151.
L	65.0	4908.	4298.	4999.	6259.	8612.	13360.	19119.	21386.	19834.	19322.	20352.
	62.5	5362.	4781.	5633.	7232.	10772.	16283.	20447.	21007.	18562.	17998.	18985.
A	60.0	6223.	5610.	6740.	8877.	13395.	18060.	20785.	20256.	17685.	16876.	17252.
N	57.5	7076.	6444.	8102.	11085.	15329.	19070.	20492.	19020.	16789.	16056.	15974.
G	55.0	8339.	7607.	9219.	12887.	16403.	19270.	19554.	17645.	16004.	15268.	15101.
L	52.5	9207.	8576.	9871.	13994.	16896.	18972.	18160.	16435.	15192.	14715.	14587.
E	50.0	9808.	9336.	10172.	14325.	16714.	17858.	16848.	15286.	14599.	14244.	14032.
	47.5	10553.	10037.	10287.	14378.	16215.	16267.	15598.	14329.	14131.	13604.	13355.
	45.0	10816.	10485.	10968.	13861.	15057.	14718.	14339.	13685.	13624.	12913.	12625.
	42.5	10605.	10332.	11179.	13837.	13755.	13517.	13377.	13255.	12974.	12141.	11869.
	40.0	10203.	9991.	10567.	12862.	12854.	12823.	12750.	12782.	12146.	11289.	11086.
	37.5	9572.	9466.	9655.	11209.	11916.	12072.	12095.	11946.	11242.	10500.	10287.
	35.0	8812.	8709.	8773.	9919.	10799.	11118.	11193.	11028.	10345.	9723.	9586.
	30.0	7302.	7216.	7352.	7823.	8906.	9241.	9385.	9216.	8716.	8431.	8377.
	25.0	6526.	6424.	6424.	6394.	7051.	7598.	7877.	7786.	7594.	7609.	7638.
	20.0	6443.	6306.	5965.	5881.	5970.	6524.	6610.	6834.	6987.	7046.	7071.
	15.0	6605.	6480.	5973.	5899.	5853.	5770.	5855.	5993.	6080.	6139.	6150.
	10.0	6604.	6527.	6090.	5837.	5777.	5700.	5651.	5612.	5516.	5425.	5421.
	5.0	6290.	6295.	6147.	5983.	5773.	5596.	5481.	5394.	5372.	5295.	5312.
	0.0	5869.	5869.	5869.	5869.	5869.	5869.	5869.	5869.	5869.	5869.	5869.
											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	71.	38.	34.	26.	24.	24.	29.	30.	27.	25.	24.
85.0	285.	90.	114.	27.	23.	21.	26.	28.	25.	23.	22.
82.5	1798.	495.	143.	39.	23.	19.	23.	25.	23.	21.	21.
V 80.0	5947.	2335.	186.	50.	31.	18.	19.	22.	20.	19.	19.
E 77.5	9359.	4488.	328.	230.	84.	27.	18.	20.	19.	18.	18.
R 75.0	13167.	6531.	455.	553.	180.	61.	23.	21.	19.	18.	18.
T 72.5	20043.	10191.	1064.	513.	267.	103.	34.	30.	26.	19.	19.
I 72.0	20768.	10670.	1210.	514.	284.	112.	38.	33.	28.	20.	20.
C 70.0	21570.	12550.	2191.	585.	338.	147.	57.	41.	36.	23.	23.
A 67.5	19261.	14525.	2905.	671.	339.	199.	89.	58.	48.	29.	29.
L 65.0	20223.	15976.	3044.	627.	265.	226.	121.	74.	67.	38.	47.
62.5	20031.	15161.	3974.	599.	324.	208.	146.	86.	79.	46.	61.
A 60.0	17109.	14842.	5677.	1300.	482.	221.	151.	100.	92.	60.	61.
N 57.5	16004.	14292.	6908.	2641.	646.	308.	151.	109.	99.	65.	65.
G 55.0	14940.	13916.	7622.	3646.	845.	438.	354.	112.	92.	68.	71.
L 52.5	14062.	12872.	7844.	3728.	1232.	450.	568.	274.	96.	67.	77.
E 50.0	13627.	12623.	8354.	3633.	1579.	500.	481.	529.	209.	85.	84.
47.5	12990.	12450.	8862.	3865.	1821.	830.	329.	630.	508.	290.	140.
45.0	12190.	11688.	8950.	4304.	2081.	1109.	427.	427.	449.	325.	148.
42.5	11427.	10905.	8645.	4753.	2298.	1302.	668.	575.	279.	257.	116.
40.0	10687.	10344.	8488.	5117.	2589.	1574.	882.	581.	317.	171.	107.
37.5	9976.	9770.	8364.	5496.	2949.	1806.	1148.	685.	368.	212.	207.
35.0	9360.	9274.	8256.	5815.	3376.	2043.	1474.	906.	467.	416.	437.
30.0	8462.	8375.	7746.	6205.	4337.	2845.	1942.	1224.	764.	825.	845.
25.0	7703.	7622.	7357.	6468.	5132.	3805.	2599.	1638.	1003.	991.	1039.
20.0	7091.	7061.	6769.	6268.	5441.	4482.	3368.	2413.	1796.	1735.	1735.
15.0	6191.	6143.	5923.	5650.	5258.	4715.	4063.	3579.	3333.	3552.	3536.
10.0	5386.	5338.	5238.	5048.	4927.	4842.	4676.	4640.	4850.	5196.	5223.
5.0	5272.	5212.	5185.	5083.	5066.	5142.	5212.	5366.	5506.	5607.	5617.
0.0	5869.	5869.	5869.	5869.	5869.	5869.	5869.	5869.	5869.	5869.	5869.

CONE OF MAXIMUM CANDELA

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5-DEGREE ZONAL LUMEN SUMMARY

0- 5	135
5- 10	388
10- 15	636
15- 20	886
20- 25	1156
25- 30	1488
30- 35	1912
35- 40	2425
40- 45	2958
45- 50	3455
50- 55	3859
55- 60	4040
60- 65	3932
65- 70	3724
70- 75	3043
75- 80	1595
80- 85	392
85- 90	26
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	523
0- 20	2046
0- 30	4690
0- 40	9026
0- 50	15438
0- 60	23337
0- 70	30994
0- 80	35632
0- 90	36050
0-100	36050
0-110	36050
0-120	36050
0-130	36050
0-140	36050
0-150	36050
0-160	36050
0-170	36050
0-180	36050