

REPORT NUMBER: PRORATED FROM RAB04286

PAGE: 1 OF 10

ISSUE DATE: 05/8/18

PREPARED FOR: RAB LIGHTING INC.

CATALOG NUMBER: ALED2T66N - RWLED2T66N - RWLED2T66SFN - WPLED2T66N (TYPE II)

LUMINAIRE: CAST FINNED METAL HOUSING, 6 CHIP ON BOARD LIGHT EMITTING DIODES, MOLDED PLASTIC REFLECTOR WITH SPECULAR FINISH, CLEAR GLASS LENS IN CAST BRONZE PAINTED METAL FRAME.

LAMPS: SIX WHITE MULTI-CHIP LIGHT EMITTING DIODES (LEDs), 2 LEDs TILTED 63-DEGREES FROM VERTICAL BASE-UP POSITION AND CANTED 75-DEGREES FROM STRAIGHT AHEAD, 2 LEDs TILTED 67-DEGREES FROM VERTICAL BASE-UP POSITION AND CANTED 68-DEGREES FROM STRAIGHT AHEAD, 2 LEDs TILTED 58-DEGREES FROM VERTICAL BASE-UP POSITION AND CANTED 40-DEGREES FROM STRAIGHT AHEAD.

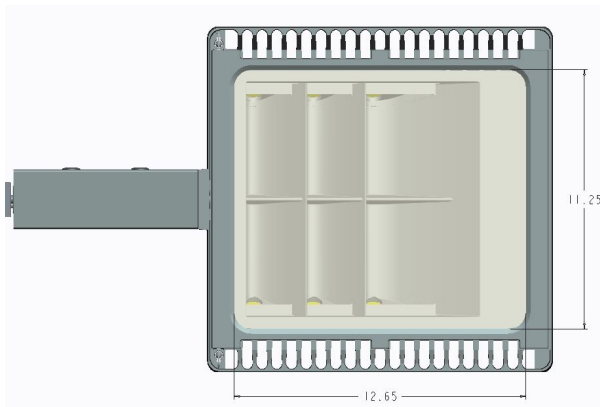
ABSOLUTE: NOTE: THIS REPORT WAS PRORATED FROM RAB04286 WHICH WAS ALED2T150Y. ACTUAL PERFORMANCE MAY VARY.

WATT: TOTAL INPUT WATTS = 66.2 W AT 120.0 VAC.

LED DRIVER: LED DRIVER: RDD-U85-A1750

PROCEDURE: TEST PROCEDURE: IESNA LM-79-08

NOTE: LM-80 DATA AVAILABLE FROM MANUFACTURER FOR SOLID STATE SOURCE



Checked X.CAO

Approved D.WANG-MUNSON

REPORT NUMBER: PRORATED FROM RAB04286

PAGE: 2 OF 10

ISSUE DATE: 05/8/18

PREPARED FOR: RAB LIGHTING INC.

CATALOG NUMBER: ALED2T66N - RWLED2T66N - RWLED2T66SFN - WPLED2T66N (TYPE II)

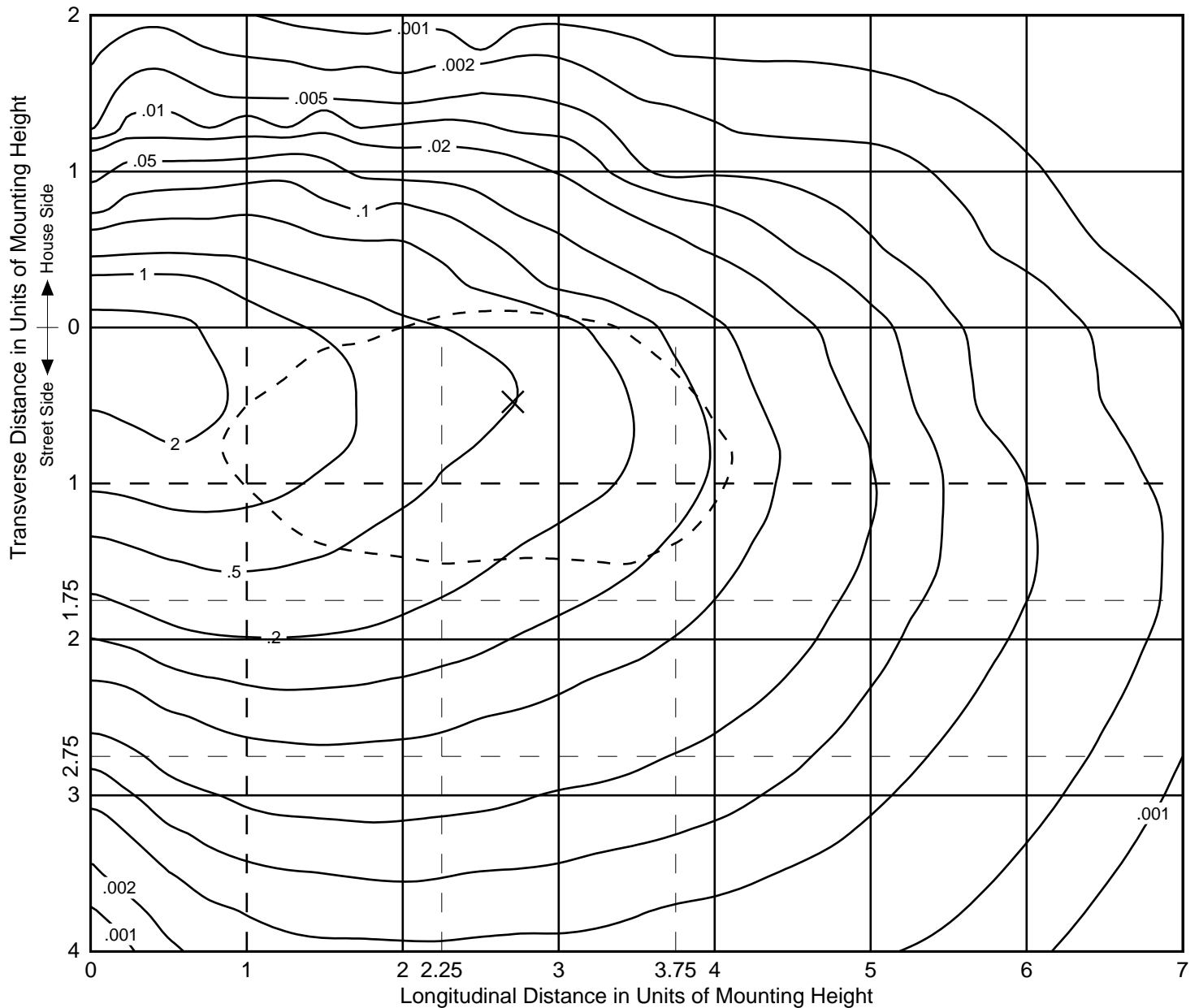
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINATION
Values based on 25-foot mounting height

IES Classification: Medium, Type II

Cutoff Classification (deprecated): Semicutoff

--- 1/2 Maximum Candela trace

X Maximum Candela point



REPORT NUMBER: PRORATED FROM RAB04286

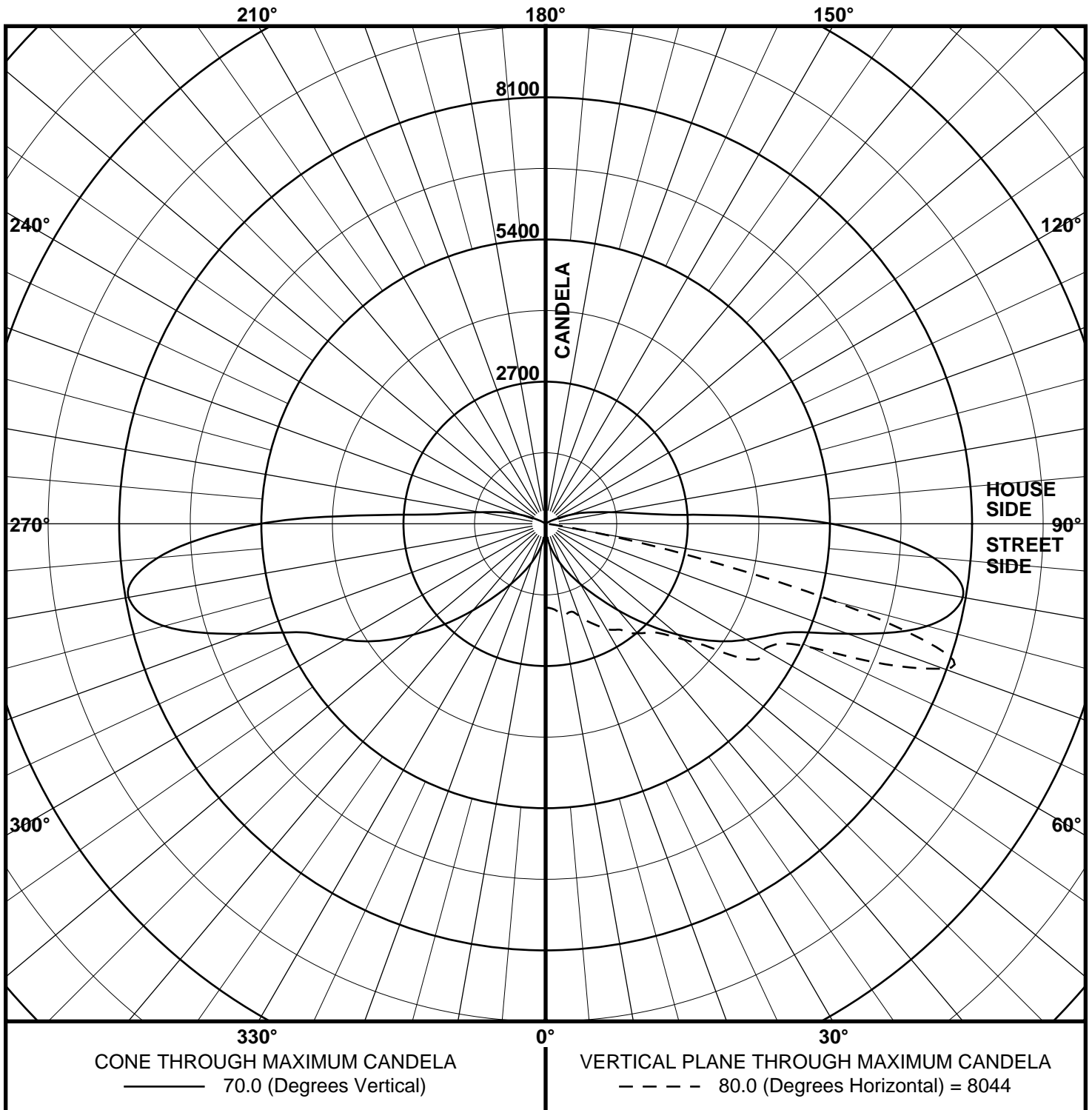
PAGE: 3 OF 10

ISSUE DATE: 05/8/18

PREPARED FOR: RAB LIGHTING INC.

CATALOG NUMBER: ALED2T66N - RWLED2T66N - RWLED2T66SFN - WPLED2T66N (TYPE II)

MAXIMUM PLANE AND MAXIMUM CONE PLOTS OF CANDELA



REPORT NUMBER: PRORATED FROM RAB04286

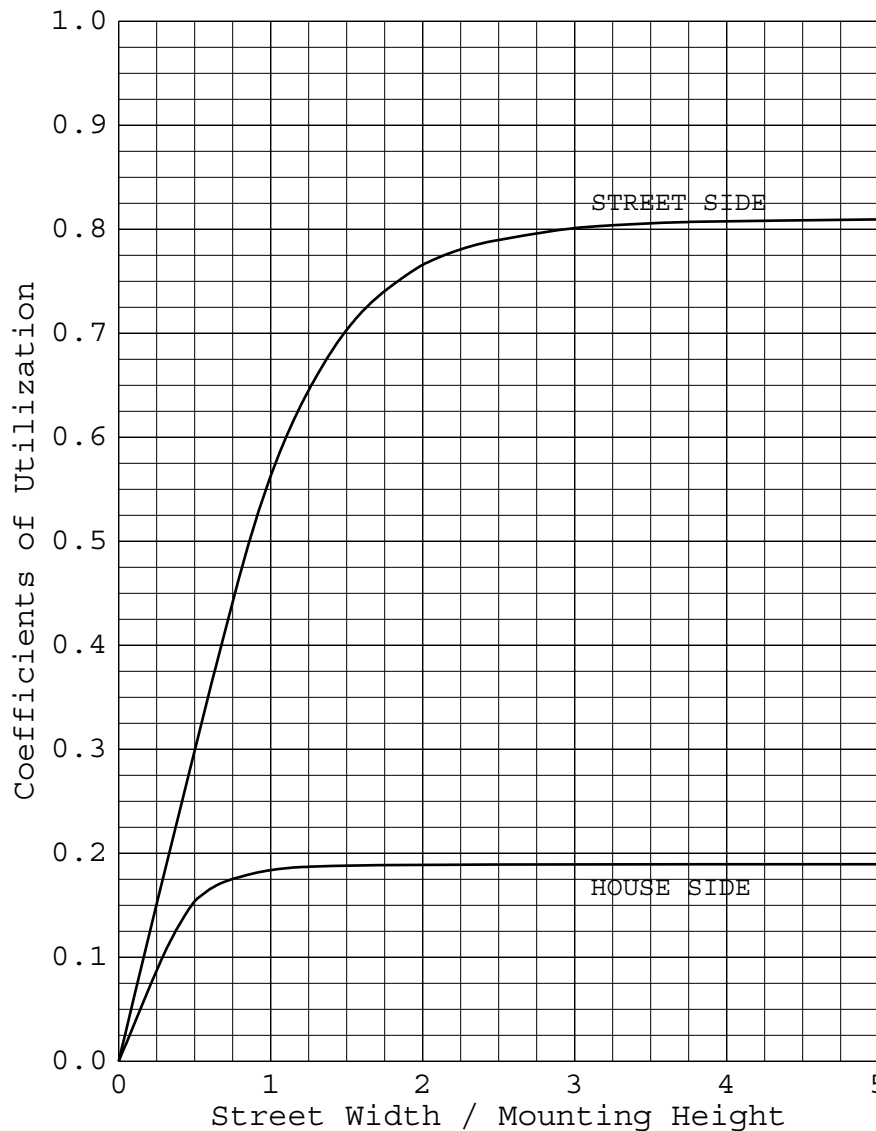
PAGE: 4 OF 10

ISSUE DATE: 05/8/18

PREPARED FOR: RAB LIGHTING INC.

CATALOG NUMBER: ALED2T66N - RWLED2T66N - RWLED2T66SFN - WPLED2T66N (TYPE II)

COEFFICIENTS OF UTILIZATION AND FLUX DISTRIBUTION



	LUMENS	PERCENT OF FIXTURE
DOWNWARD STREET SIDE	7083	81.0
DOWNWARD HOUSE SIDE	1662	19.0
DOWNWARD TOTAL	8745	100.0
UPWARD STREET SIDE	0	0.0
UPWARD HOUSE SIDE	0	0.0
UPWARD TOTAL	0	0.0
TOTAL FLUX	8745	100.0

EFFICACY = 132.1 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 RAB04286

PAGE: 5 OF 10

ISSUE DATE: 05/8/18

PREPARED FOR: RAB LIGHTING INC.

CATALOG NUMBER: ALED2T66N - RWLED2T66N - RWLED2T66SFN - WPLED2T66N (TYPE II)

BUG Rating			B1 U0 G2		
Zonal Summary			Zone Ratings		
			B	U	G
Forward					
FL	(0° – 30°)	7083			
FM	(30° – 60°)	796.4			
FH	(60° – 80°)	3474.1			
FVH	(80° – 90°)	2764.4			G2
		48.2			G1
Backward					
BL	(0° – 30°)	1662			
BM	(30° – 60°)	465.1	B1		
BH	(60° – 80°)	791.9	B1		
BVH	(80° – 90°)	397.1	B1		G1
		7.6			G0
Upward					
UL	(90° – 100°)	0		U0	
UH	(100° – 180°)	0.0		U0	
Trapped Light					
Total Flux					
		0			
		8745			
		100.0			

REPORT NUMBER: PRORATED FROM RAB04286

PAGE: 6 OF 10

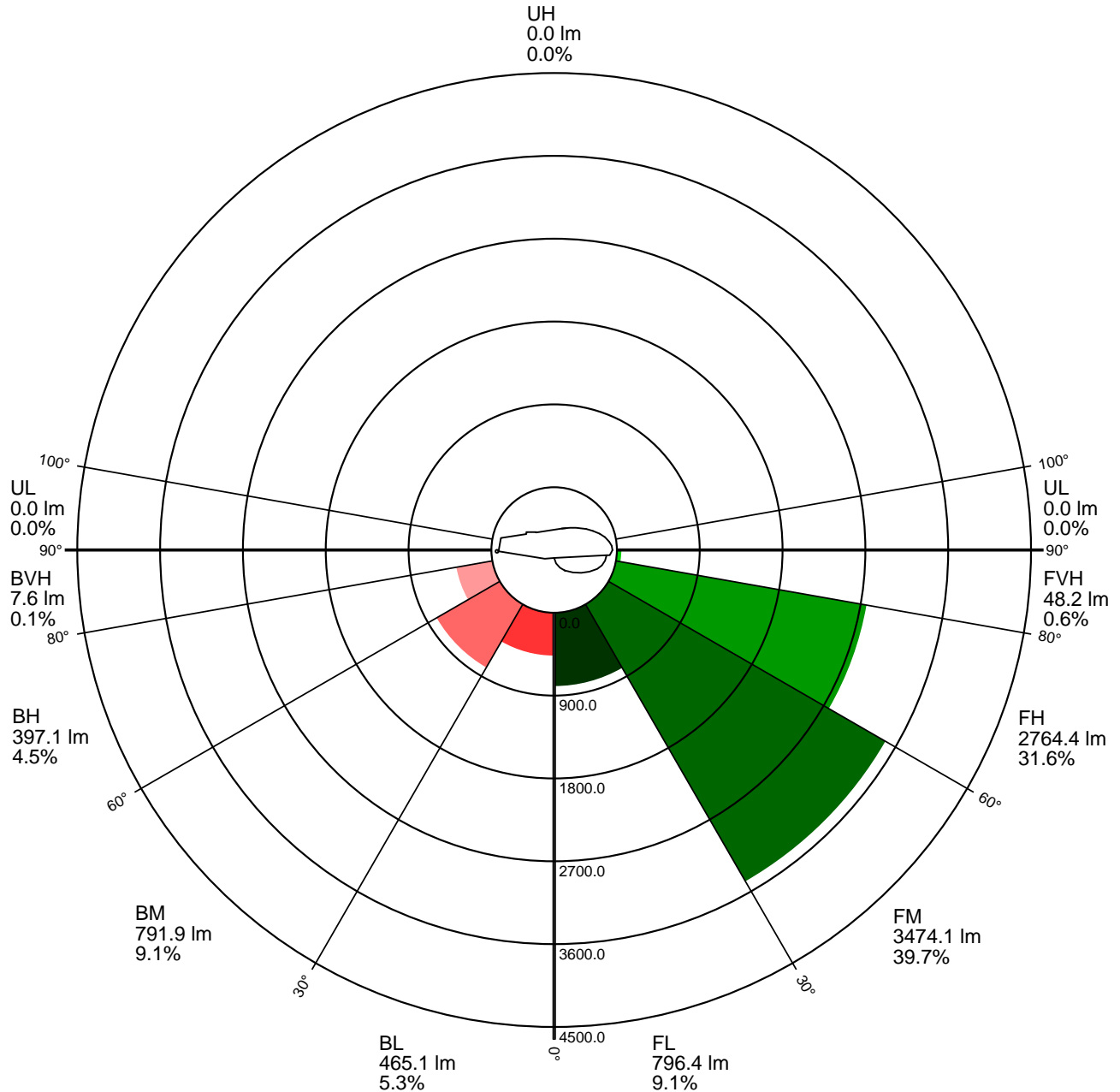
ISSUE DATE: 05/8/18

PREPARED FOR: RAB LIGHTING INC.

CATALOG NUMBER: ALED2T66N - RWLED2T66N - RWLED2T66SFN - WPLED2T66N (TYPE II)

Zonal Lumen Summary

(Linear scale)



REPORT NUMBER: PRORATED FROM RAB04286

PAGE: 7 OF 10

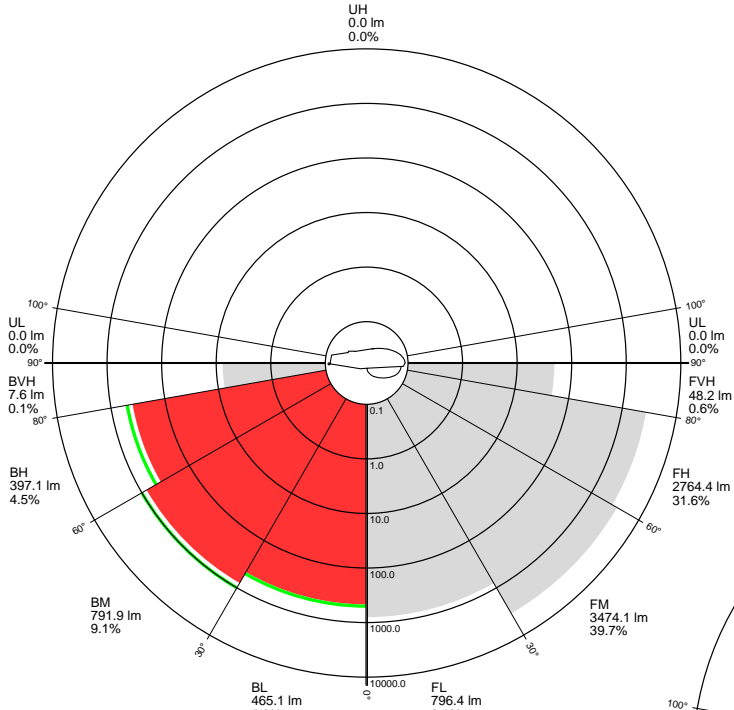
ISSUE DATE: 05/8/18

PREPARED FOR: RAB LIGHTING INC.

CATALOG NUMBER: ALED2T66N - RWLED2T66N - RWLED2T66SFN - WPLED2T66N (TYPE II)

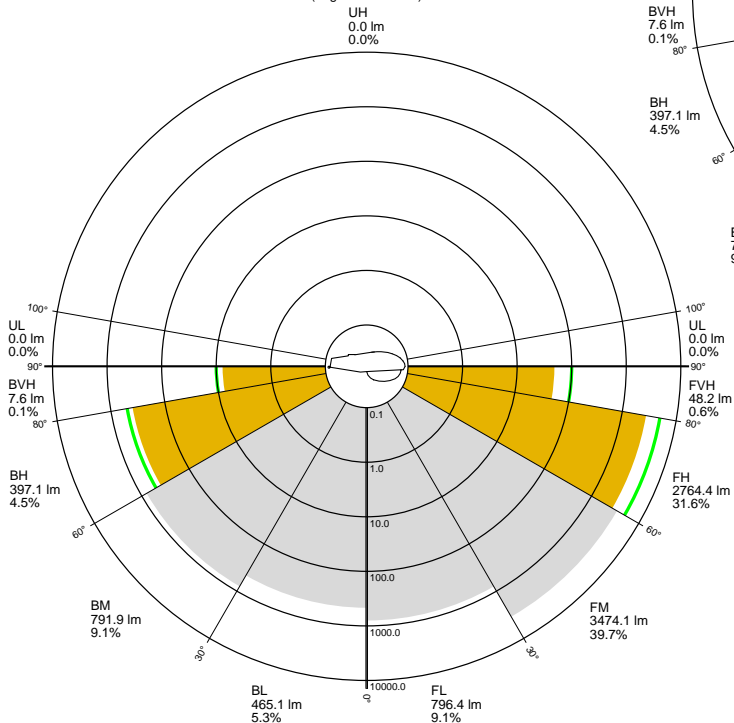
Backlight Rating Details

(Logarithmic scale)



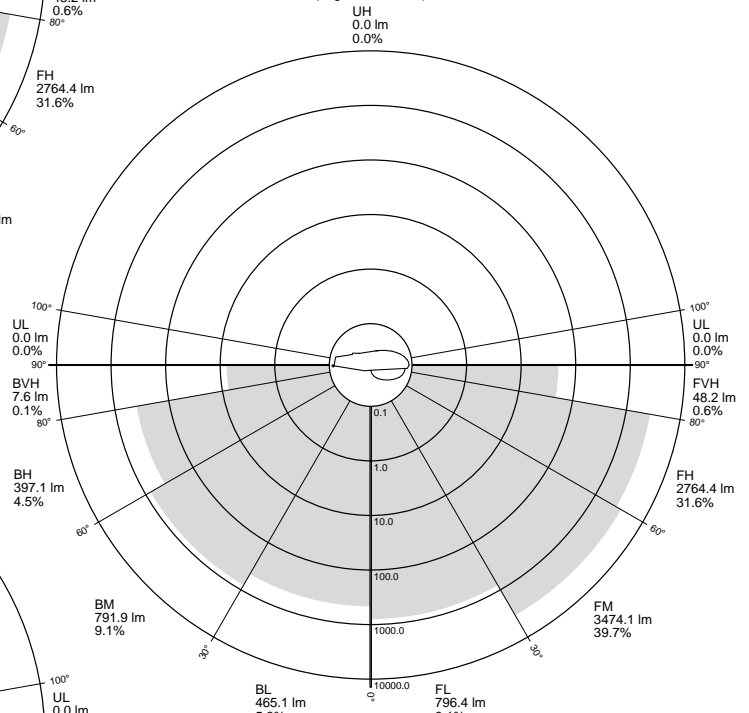
Glare Rating Details

(Logarithmic scale)



Uplight Rating Details

(Logarithmic scale)



REPORT NUMBER: PRORATED FROM RAB04286

PAGE: 8 OF 10

ISSUE DATE: 05/8/18

PREPARED FOR: RAB LIGHTING INC.

CATALOG NUMBER: ALED2T66N - RWLED2T66N - RWLED2T66SFN - WPLED2T66N (TYPE II)

CANDELA TABULATION

	STREET SIDE										
	0.0	5.0	15.0	25.0	35.0	45.0	55.0	65.0	75.0	80.0	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.
92.5	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	0.	0.	1.	3.	5.	5.	7.	16.	10.	8.	6.
85.0	2.	1.	4.	4.	6.	13.	44.	26.	30.	32.	30.
V 82.5	5.	3.	7.	10.	42.	97.	192.	238.	276.	247.	161.
E 80.0	10.	8.	36.	92.	158.	308.	682.	907.	1123.	948.	574.
R 77.5	19.	20.	120.	219.	401.	802.	1506.	2469.	3011.	2868.	1887.
T 75.0	33.	62.	233.	444.	817.	1358.	2262.	3861.	5827.	5660.	4225.
I 72.5	80.	149.	399.	736.	1226.	2002.	3138.	4346.	7364.	7777.	6433.
C 70.0<<	187.	265.	574.	1036.	1682.	2687.	3879.	4918.	7505.	8044.	7393.
A 67.5	361.	382.	797.	1375.	2182.	3340.	4219.	5526.	6285.	6972.	6660.
L 65.0	565.	558.	1070.	1754.	2697.	3789.	4553.	5784.	5826.	5545.	5414.
62.5	753.	781.	1349.	2137.	3037.	3974.	4675.	5784.	5337.	4950.	4480.
A 60.0	922.	1013.	1591.	2355.	3233.	4059.	4826.	5575.	5161.	4781.	4246.
N 57.5	1069.	1206.	1716.	2513.	3252.	4014.	4902.	5142.	4961.	4784.	4086.
G 55.0	1260.	1359.	1804.	2519.	3261.	4065.	4834.	4908.	4687.	4395.	3837.
L 52.5	1452.	1515.	1845.	2617.	3347.	4154.	4614.	4633.	4147.	3785.	3408.
E 50.0	1662.	1682.	1976.	2727.	3475.	4097.	4441.	4270.	3725.	3417.	2992.
47.5	1821.	1861.	2142.	2829.	3480.	3849.	4133.	3886.	3352.	3124.	2859.
45.0	1947.	2001.	2268.	2843.	3374.	3582.	3606.	3535.	3170.	2918.	2763.
42.5	2037.	2098.	2327.	2760.	3116.	3355.	3211.	3173.	2928.	2811.	2701.
40.0	2075.	2115.	2322.	2562.	2909.	3085.	3073.	2932.	2759.	2715.	2601.
37.5	2043.	2058.	2286.	2402.	2658.	2909.	2885.	2826.	2681.	2623.	2489.
35.0	1980.	1977.	2117.	2187.	2457.	2649.	2740.	2786.	2546.	2452.	2345.
32.5	1907.	1912.	2040.	2078.	2252.	2420.	2607.	2663.	2487.	2389.	2309.
30.0	1852.	1883.	2015.	2035.	2188.	2276.	2440.	2446.	2335.	2311.	2254.
25.0	1763.	1785.	1853.	1945.	1929.	2012.	2085.	2091.	2088.	2087.	2025.
20.0	1687.	1689.	1738.	1866.	1885.	1899.	1847.	1882.	1898.	1860.	1824.
15.0	1704.	1694.	1717.	1777.	1839.	1847.	1835.	1839.	1777.	1741.	1712.
10.0	1662.	1662.	1675.	1683.	1724.	1759.	1778.	1774.	1760.	1741.	1728.
5.0	1628.	1631.	1636.	1636.	1641.	1633.	1633.	1631.	1642.	1625.	1613.
0.0	1588.	1588.	1588.	1588.	1588.	1588.	1588.	1588.	1588.	1588.	1588.

||
PLANE OF MAXIMUM CANDELA

CONE OF MAXIMUM CANDELA

REPORT NUMBER: PRORATED FROM RAB04286

PAGE: 9 OF 10

ISSUE DATE: 05/8/18

PREPARED FOR: RAB LIGHTING INC.

CATALOG NUMBER: ALED2T66N - RWLED2T66N - RWLED2T66SFN - WPLED2T66N (TYPE II)

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
V E R T I C A L	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.
	92.5	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	5.	5.	5.	4.	4.	4.	3.	2.	2.	2.	2.
	85.0	15.	10.	7.	5.	5.	5.	4.	3.	2.	2.	2.
	82.5	126.	54.	38.	13.	8.	6.	5.	6.	6.	5.	5.
	80.0	499.	270.	122.	45.	18.	6.	7.	8.	7.	6.	5.
	77.5	1468.	711.	119.	39.	18.	7.	7.	8.	7.	7.	6.
	75.0	3058.	1192.	145.	58.	17.	11.	6.	7.	7.	6.	6.
	72.5	4640.	1616.	580.	146.	19.	13.	7.	7.	7.	6.	6.
	70.0<<	5433.	2070.	844.	230.	29.	13.	7.	8.	8.	6.	6.
	67.5	5138.	2582.	1298.	298.	39.	15.	8.	8.	9.	6.	6.
	65.0	4356.	2555.	1676.	360.	96.	21.	13.	10.	10.	8.	6.
	62.5	3825.	2576.	1415.	419.	233.	42.	18.	13.	11.	10.	8.
	60.0	3645.	2693.	1331.	534.	395.	61.	24.	22.	24.	14.	9.
	57.5	3426.	2672.	1210.	584.	490.	131.	31.	26.	32.	16.	9.
	55.0	3230.	2682.	1133.	635.	490.	214.	44.	31.	42.	16.	10.
	52.5	2959.	2640.	1260.	747.	470.	270.	113.	38.	48.	16.	12.
	50.0	2665.	2489.	1336.	892.	504.	280.	178.	79.	34.	19.	15.
	47.5	2609.	2411.	1371.	929.	514.	273.	217.	136.	74.	45.	35.
	45.0	2589.	2345.	1428.	925.	529.	310.	223.	178.	147.	81.	65.
	42.5	2532.	2274.	1517.	944.	548.	351.	215.	184.	163.	106.	86.
	40.0	2442.	2184.	1663.	993.	596.	386.	249.	177.	155.	111.	94.
	37.5	2355.	2138.	1781.	1049.	667.	426.	301.	209.	138.	111.	98.
35.0	2219.	2120.	1785.	1128.	719.	492.	338.	265.	168.	130.	117.	
32.5	2193.	2128.	1807.	1204.	794.	551.	386.	304.	212.	168.	152.	
30.0	2138.	2079.	1766.	1280.	892.	605.	435.	332.	240.	216.	204.	
25.0	1973.	1920.	1682.	1448.	1040.	776.	562.	419.	340.	315.	305.	
20.0	1801.	1780.	1610.	1426.	1222.	978.	797.	639.	549.	522.	503.	
15.0	1697.	1693.	1607.	1499.	1395.	1279.	1123.	966.	890.	883.	857.	
10.0	1707.	1703.	1646.	1582.	1496.	1416.	1332.	1258.	1223.	1187.	1176.	
5.0	1597.	1590.	1571.	1558.	1538.	1503.	1479.	1473.	1454.	1445.	1432.	
0.0	1588.	1588.	1588.	1588.	1588.	1588.	1588.	1588.	1588.	1588.	1588.	

CONE OF MAXIMUM CANDELA

REPORT NUMBER: PRORATED FROM RAB04286

PAGE: 10 OF 10

ISSUE DATE: 05/8/18

PREPARED FOR: RAB LIGHTING INC.

CATALOG NUMBER: ALED2T66N - RWLED2T66N - RWLED2T66SFN - WPLED2T66N (TYPE II)

5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	38
5- 10	112
10- 15	185
15- 20	243
20- 25	304
25- 30	379
30- 35	463
35- 40	556
40- 45	659
45- 50	770
50- 55	867
55- 60	951
60- 65	989
65- 70	993
70- 75	817
75- 80	362
80- 85	53
85- 90	3
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	150
0- 20	578
0- 30	1262
0- 40	2281
0- 50	3710
0- 60	5528
0- 70	7510
0- 80	8689
0- 90	8745
0-100	8745
0-110	8745
0-120	8745
0-130	8745
0-140	8745
0-150	8745
0-160	8745
0-170	8745
0-180	8745