

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1445212

Luminaire Tested: TPTN-VA3-735-U-RW-CG-GM

Issue Date: 05/21/2026

Test Information

Test Method: LM-79-2024
Report Number: P1445212
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: TPTN-VA3-735-U-RW-CG-GM
Description: TOPTIER NANO SPIDER MOUNT VISUAL COMFORT LED LUMINAIRE 60W 70CRI 3500K w/
RECTANGULAR WIDE DISTRIBUTION OPTIC AND GLASS
Light Source: 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5198.8 lumens
Efficiency: N/A
Efficacy: 86.6 lumens/watt
Luminous Opening: Circular (Dia: 0.71' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U0 - G2

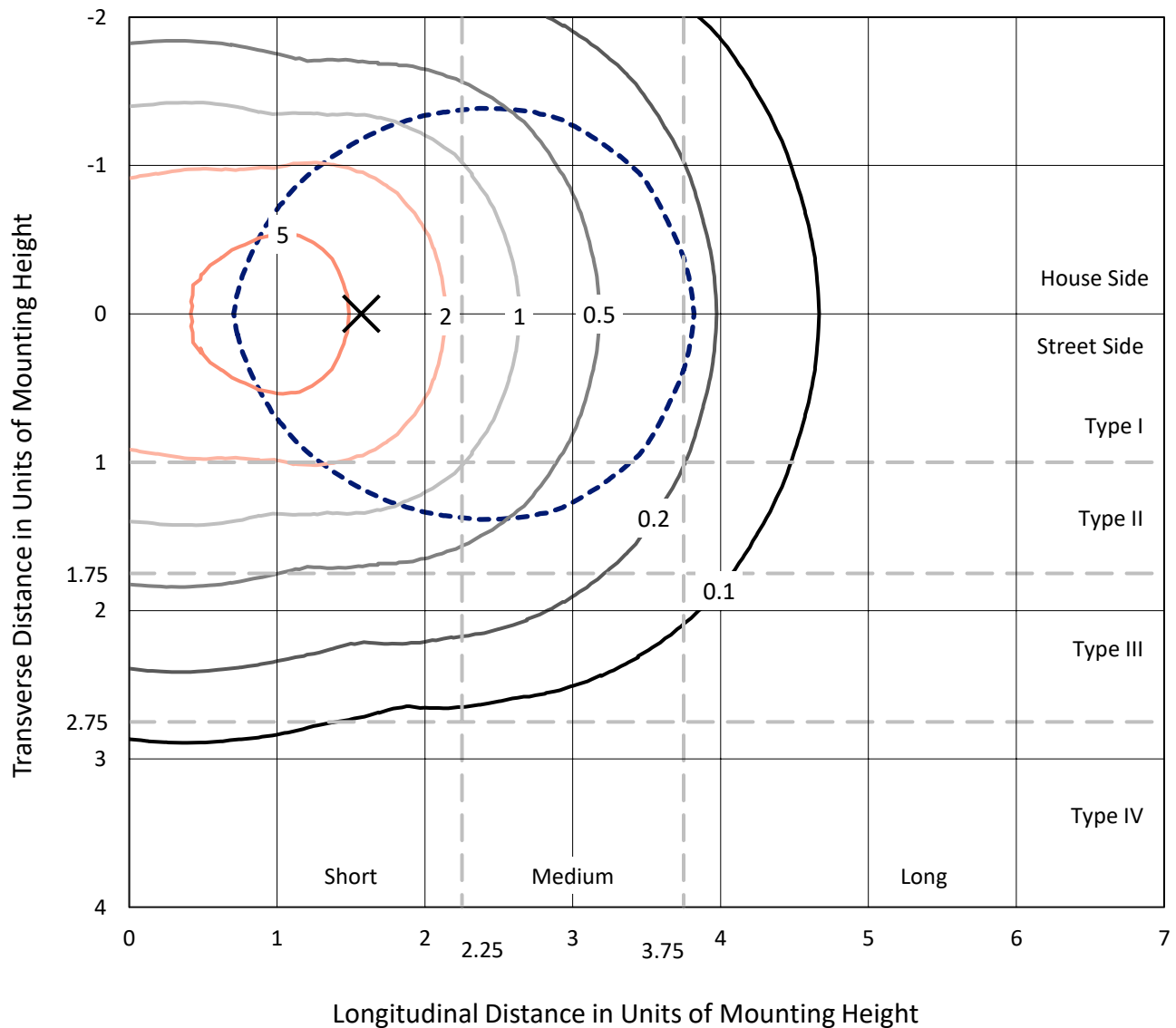
Input Watts (W): 60
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.98
Total Harmonic Distortion (THDi): 5.3%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

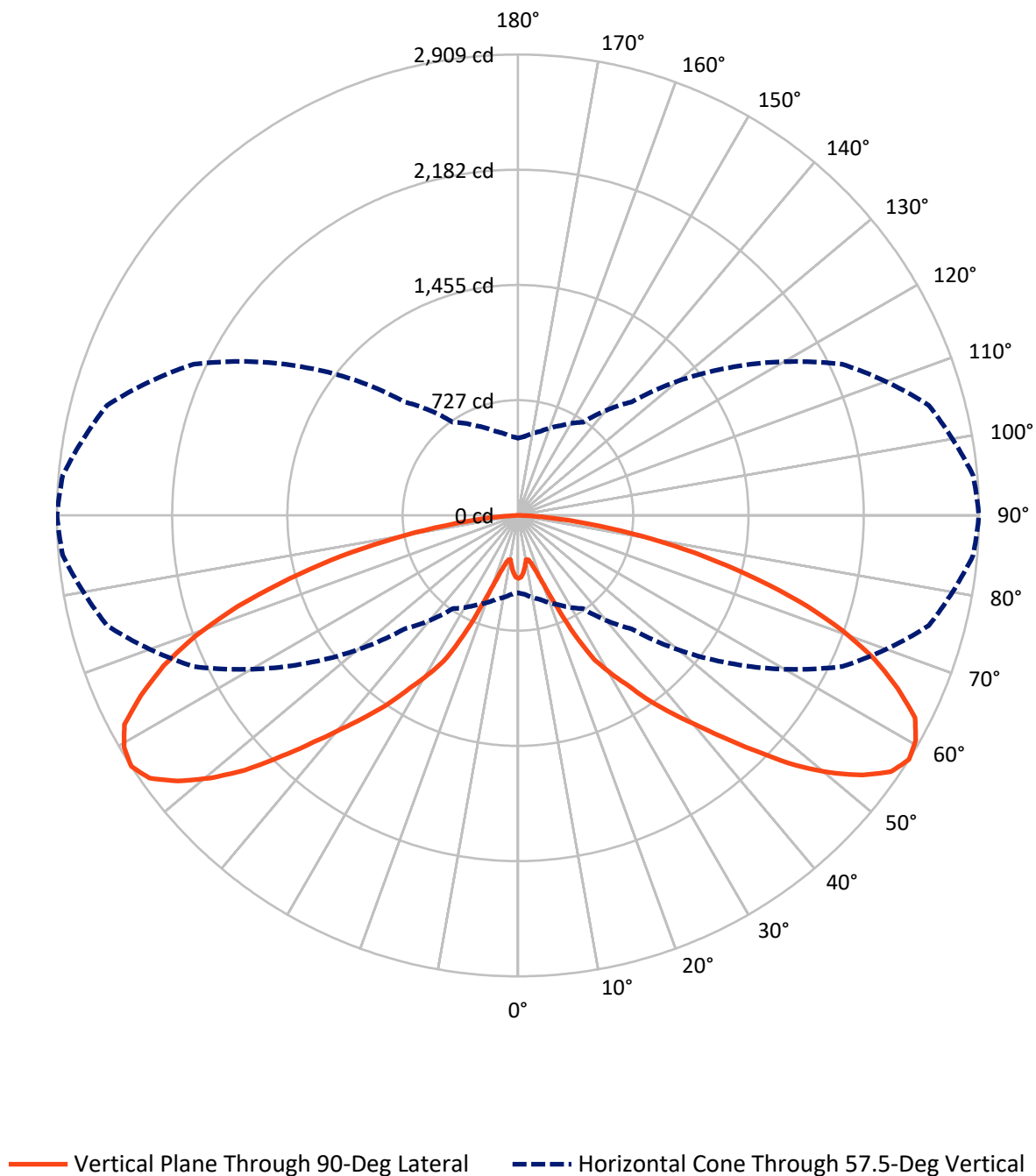


Based on 10 foot mounting height. Maximum calculated value = 7.9 fc
Type II - Short - N/A

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

Luminous Intensity Polar Plot



REPORT NUMBER: P1445212

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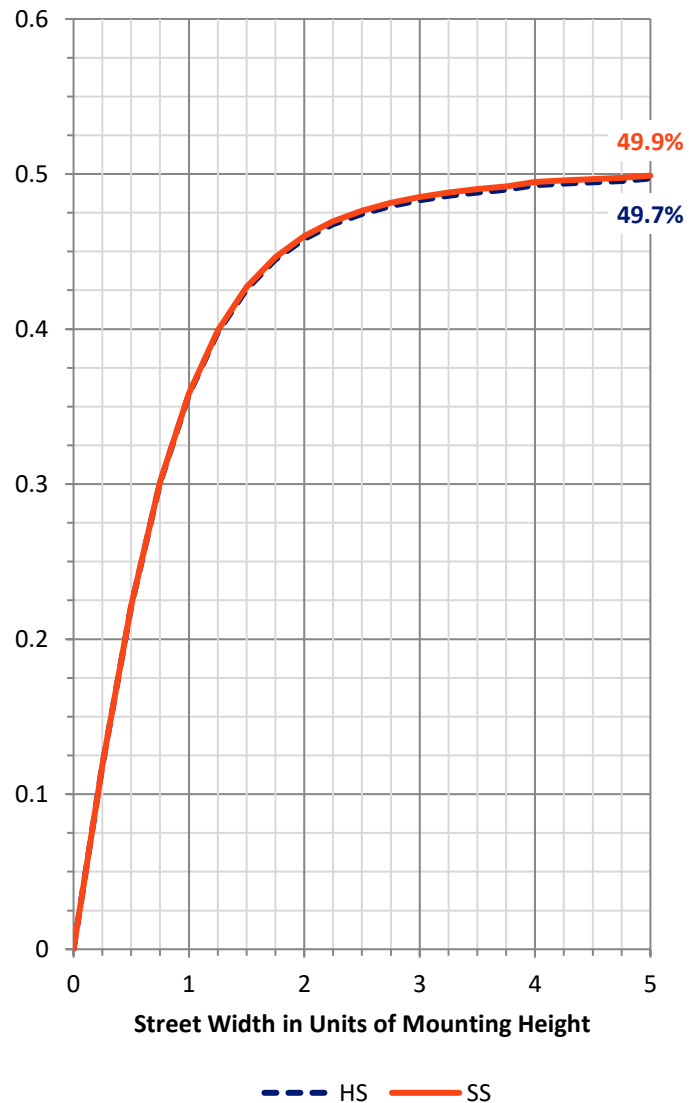
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2599.4	0.0	2599.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2599.4	0.0	2599.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	5198.8	0.0	5198.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.3	0.7
10°-20°	107.9	2.1
20°-30°	263.5	5.1
30°-40°	520.3	10.0
40°-50°	882.3	17.0
50°-60°	1251.8	24.1
60°-70°	1244.7	23.9
70°-80°	746.9	14.4
80°-90°	146.1	2.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5198.8	100.0
0°-180°	5198.8	100.0

Coefficient of Utilization



REPORT NUMBER: P1445212

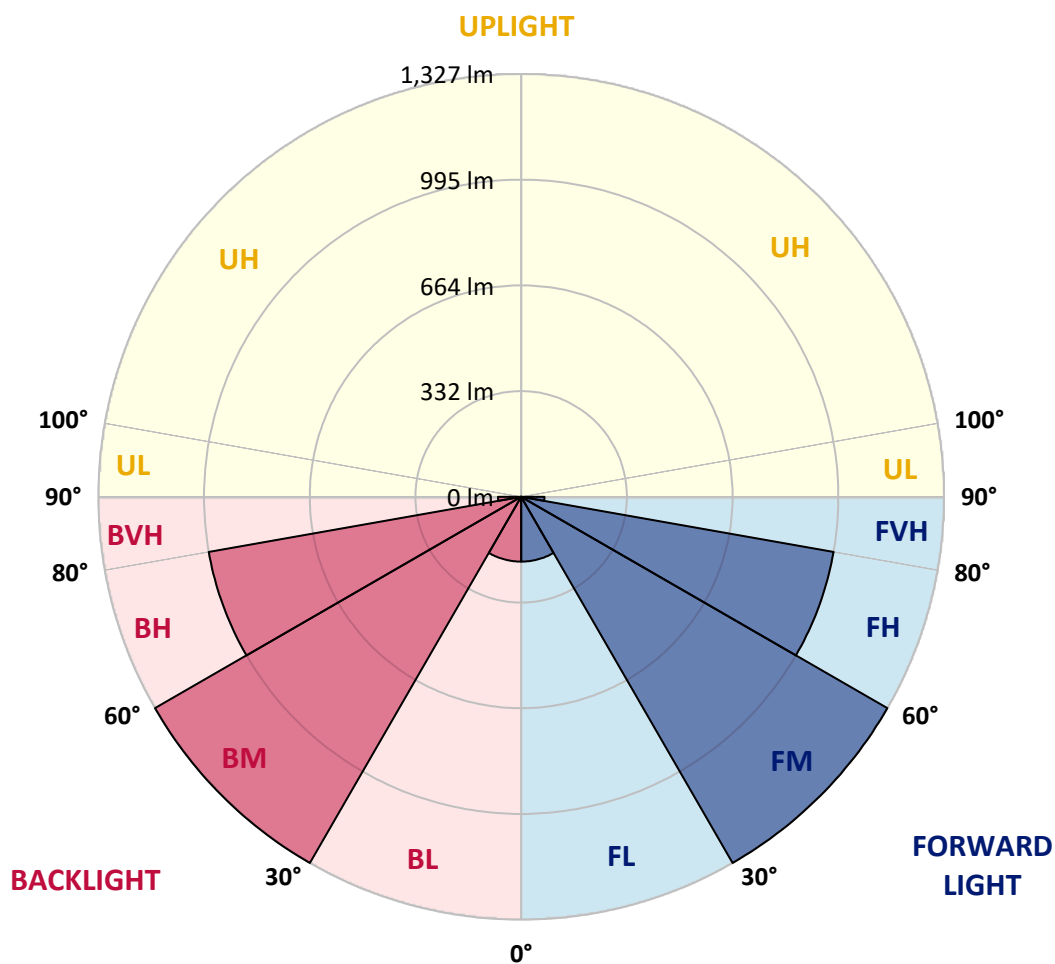
CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	203.4	3.9			
FM	(30°-60°)	1327.2	25.5			
FH	(60°-80°)	995.8	19.2			G1/1800
FVH	(80°-90°)	73.0	1.4			G1/100
BL	(0°-30°)	203.4	3.9	B1/500		
BM	(30°-60°)	1327.2	25.5	B2/2500		
BH	(60°-80°)	995.8	19.2	B2/1000		G2/1000
BVH	(80°-90°)	73.0	1.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Short



REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4
2.5°	399.4	399.4	399.4	399.4	399.4	398.4	398.4	398.4	398.4	398.4	398.4
5°	400.3	400.3	399.4	399.4	398.4	398.4	397.4	396.4	396.4	395.5	394.5
7.5°	395.5	395.5	395.5	395.5	394.5	394.5	393.5	392.6	391.6	390.6	389.6
10°	392.6	392.6	392.6	392.6	392.6	391.6	391.6	390.6	389.6	387.7	386.7
12.5°	393.5	394.5	394.5	395.5	395.5	396.4	396.4	395.5	395.5	394.5	393.5
15°	401.3	402.3	402.3	403.2	404.2	405.2	406.2	406.2	406.2	405.2	405.2
17.5°	409.1	411.0	412.0	413.9	414.9	416.8	417.8	417.8	417.8	416.8	416.8
20°	418.8	420.7	421.7	424.6	426.6	429.5	431.4	431.4	430.5	430.5	429.5
22.5°	427.5	429.5	431.4	434.3	438.2	441.1	444.1	444.1	445.0	445.0	445.0
25°	437.3	440.2	442.1	446.0	449.9	452.8	456.7	458.6	461.5	463.5	465.4
27.5°	447.0	449.9	452.8	456.7	460.6	464.5	468.3	473.2	477.1	481.9	485.8
30°	455.7	458.6	461.5	466.4	470.3	475.1	479.0	485.8	492.6	499.4	506.2
32.5°	463.5	467.4	471.3	476.1	481.0	485.8	490.7	499.4	509.2	517.9	526.6
35°	472.2	476.1	480.0	485.8	491.7	496.5	502.4	514.0	524.7	536.4	547.1
37.5°	480.0	484.9	488.8	495.6	502.4	508.2	515.0	527.6	541.2	553.9	566.5
40°	488.8	493.6	498.5	506.2	514.0	520.8	528.6	543.2	557.7	572.3	586.9
42.5°	496.5	501.4	506.2	515.0	524.7	533.4	542.2	557.7	573.3	587.9	603.4
45°	505.3	510.1	515.0	524.7	534.4	544.1	553.9	571.3	587.9	605.4	621.9
47.5°	513.0	517.9	522.8	533.4	544.1	554.8	565.5	584.0	602.4	619.9	638.4
50°	514.0	519.8	524.7	536.4	548.0	558.7	570.4	589.8	609.2	627.7	647.1
52.5°	514.0	519.8	524.7	536.4	549.0	560.7	572.3	592.7	612.2	632.6	652.0
55°	506.2	512.1	516.9	529.6	542.2	553.9	566.5	586.9	606.3	626.7	646.2
57.5°	487.8	494.6	500.4	513.0	525.7	537.3	550.0	568.4	586.9	605.4	623.8
60°	462.5	469.3	476.1	487.8	499.4	510.1	521.8	539.3	556.8	573.3	590.8
62.5°	432.4	439.2	445.0	455.7	466.4	477.1	487.8	502.4	517.9	532.5	547.1
65°	389.6	397.4	405.2	414.9	425.6	435.3	445.0	458.6	472.2	485.8	499.4
67.5°	344.0	351.7	358.5	367.3	376.0	383.8	392.6	405.2	417.8	430.5	443.1
70°	297.3	304.1	310.0	316.8	324.5	331.3	338.1	348.8	359.5	369.2	379.9
72.5°	240.0	246.8	253.6	260.4	267.2	274.0	280.8	289.6	297.3	306.1	313.8
75°	187.5	193.4	199.2	205.0	211.8	217.7	223.5	229.3	236.1	241.9	247.8
77.5°	133.1	139.9	145.8	150.6	156.4	161.3	166.2	170.0	173.9	177.8	181.7
80°	84.5	89.4	94.3	99.1	104.0	107.9	112.7	114.7	117.6	119.5	121.5
82.5°	42.8	47.6	52.5	56.4	61.2	65.1	69.0	70.0	71.9	72.9	73.8
85°	13.6	19.4	25.3	28.2	32.1	35.0	37.9	38.9	38.9	39.8	39.8
87.5°	1.9	6.8	11.7	14.6	18.5	21.4	24.3	24.3	24.3	24.3	24.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4
2.5°	398.4	397.4	397.4	396.4	396.4	395.5	395.5	394.5	394.5	394.5	393.5
5°	393.5	392.6	390.6	389.6	388.7	387.7	385.8	384.8	382.8	380.9	379.0
7.5°	387.7	385.8	383.8	381.9	379.0	375.1	372.2	368.3	364.4	361.5	357.6
10°	383.8	381.9	379.0	376.0	371.2	366.3	361.5	356.6	350.8	345.9	340.1
12.5°	390.6	387.7	383.8	380.9	376.0	370.2	365.3	359.5	353.7	347.9	342.0
15°	402.3	398.4	395.5	391.6	386.7	381.9	377.0	372.2	368.3	364.4	359.5
17.5°	413.9	412.0	409.1	406.2	403.2	401.3	398.4	395.5	393.5	390.6	388.7
20°	429.5	428.5	428.5	427.5	427.5	427.5	427.5	427.5	426.6	426.6	425.6
22.5°	447.9	449.9	452.8	454.7	457.7	460.6	462.5	465.4	468.3	471.3	473.2
25°	471.3	476.1	481.9	486.8	490.7	495.6	499.4	503.3	511.1	519.8	527.6
27.5°	493.6	502.4	510.1	517.9	523.7	529.6	535.4	541.2	555.8	570.4	584.9
30°	516.0	526.6	536.4	546.1	553.9	561.6	569.4	577.2	600.5	622.8	646.2
32.5°	538.3	549.0	560.7	571.3	583.0	595.6	607.3	619.0	650.0	681.1	711.3
35°	559.7	571.3	584.0	595.6	612.2	629.6	646.2	662.7	700.6	738.5	776.4
37.5°	580.1	594.7	608.3	621.9	643.2	664.6	685.0	706.4	752.1	797.7	842.4
40°	602.4	618.0	632.6	648.1	673.4	697.7	722.9	747.2	805.5	863.8	921.1
42.5°	620.9	638.4	655.9	673.4	703.5	732.6	762.8	791.9	864.8	938.6	1011.5
45°	641.3	660.7	680.2	699.6	735.6	771.5	806.5	842.4	931.8	1020.3	1109.6
47.5°	659.8	680.2	701.5	722.0	766.6	810.4	855.1	898.8	1003.7	1109.6	1214.6
50°	668.5	690.9	712.2	733.6	786.1	837.6	890.1	941.5	1063.0	1184.5	1305.9
52.5°	675.3	697.7	721.0	743.3	802.6	861.9	921.1	980.4	1113.5	1245.7	1378.8
55°	670.5	693.8	718.1	741.4	808.4	875.5	942.5	1009.6	1154.3	1298.2	1442.9
57.5°	647.1	671.4	694.7	718.1	791.9	865.8	938.6	1012.5	1166.0	1318.6	1472.1
60°	614.1	638.4	661.7	685.0	762.8	841.5	919.2	996.9	1150.5	1305.0	1458.5
62.5°	572.3	597.6	621.9	647.1	729.7	811.3	893.9	975.6	1126.2	1276.8	1427.4
65°	522.8	545.1	568.4	590.8	673.4	756.9	839.5	922.1	1067.9	1212.6	1358.4
67.5°	464.5	485.8	506.2	527.6	607.3	687.0	766.6	846.3	980.4	1113.5	1247.6
70°	400.3	421.7	442.1	462.5	536.4	610.2	684.1	757.9	874.5	991.1	1107.7
72.5°	333.3	352.7	371.2	390.6	457.7	523.7	590.8	656.9	756.0	855.1	954.2
75°	264.3	279.8	296.4	311.9	367.3	422.7	478.1	533.4	616.0	698.6	780.3
77.5°	194.3	207.0	219.6	232.2	275.0	316.8	359.5	401.3	465.4	529.6	593.7
80°	131.2	140.9	150.6	160.3	188.5	216.7	243.9	272.1	314.8	356.6	399.4
82.5°	79.7	85.5	91.3	97.2	114.7	131.2	148.7	165.2	190.4	216.7	241.9
85°	42.8	44.7	47.6	49.6	57.3	64.1	71.9	78.7	89.4	101.1	111.7
87.5°	24.3	24.3	24.3	24.3	24.3	25.3	25.3	25.3	27.2	28.2	30.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4
2.5°	393.5	393.5	392.6	392.6	391.6	391.6	391.6	390.6	390.6	390.6	390.6
5°	377.0	375.1	374.1	372.2	370.2	369.2	368.3	367.3	366.3	365.3	364.4
7.5°	353.7	350.8	346.9	344.0	340.1	337.2	335.2	332.3	329.4	327.5	326.5
10°	334.3	329.4	324.5	318.7	313.8	310.0	305.1	301.2	296.4	294.4	291.5
12.5°	336.2	331.3	326.5	320.7	315.8	311.9	308.0	303.2	299.3	296.4	293.4
15°	355.6	351.7	346.9	343.0	338.1	335.2	332.3	328.4	325.5	323.6	321.6
17.5°	385.8	383.8	380.9	379.0	376.0	375.1	373.1	372.2	370.2	370.2	370.2
20°	424.6	426.6	427.5	429.5	430.5	434.3	438.2	442.1	446.0	449.9	454.7
22.5°	476.1	483.9	492.6	500.4	508.2	520.8	533.4	545.1	557.7	570.4	583.0
25°	535.4	554.8	573.3	592.7	611.2	639.4	667.5	695.7	723.9	747.2	770.5
27.5°	599.5	630.6	662.7	693.8	724.9	766.6	809.4	851.2	893.0	923.1	952.2
30°	668.5	709.3	751.1	791.9	832.7	880.3	927.9	975.6	1023.2	1053.3	1083.4
32.5°	742.4	790.9	839.5	888.1	936.7	989.2	1042.6	1095.1	1147.5	1179.6	1212.6
35°	814.3	874.5	934.7	995.0	1055.2	1116.5	1177.7	1238.9	1300.1	1331.2	1362.3
37.5°	888.1	963.9	1038.7	1114.5	1189.3	1256.4	1323.4	1390.5	1457.5	1486.7	1515.8
40°	979.4	1066.9	1155.3	1242.8	1330.2	1401.2	1472.1	1542.0	1613.0	1643.1	1673.2
42.5°	1084.4	1185.4	1285.5	1386.6	1486.7	1564.4	1641.2	1718.9	1795.6	1824.8	1854.9
45°	1198.1	1315.6	1432.2	1549.8	1666.4	1748.0	1828.7	1910.3	1991.0	2021.1	2050.2
47.5°	1319.5	1446.8	1574.1	1701.4	1828.7	1919.1	2009.4	2099.8	2190.1	2229.0	2266.9
50°	1427.4	1568.3	1710.1	1851.0	1991.9	2089.1	2186.3	2282.5	2379.6	2418.5	2457.4
52.5°	1510.9	1669.3	1827.7	1986.1	2144.5	2241.6	2338.8	2436.0	2533.1	2575.9	2619.6
55°	1586.7	1745.1	1903.5	2061.9	2220.3	2325.2	2429.2	2534.1	2638.1	2685.7	2732.3
57.5°	1624.6	1783.0	1941.4	2098.8	2257.2	2364.1	2471.0	2577.8	2684.7	2734.3	2784.8
60°	1612.0	1773.3	1934.6	2095.9	2257.2	2357.3	2458.3	2558.4	2658.5	2709.0	2758.6
62.5°	1578.0	1728.6	1880.2	2030.8	2181.4	2283.4	2386.4	2488.5	2590.5	2639.1	2688.6
65°	1503.2	1645.0	1786.9	1927.8	2069.7	2167.8	2265.0	2363.1	2460.3	2497.2	2534.1
67.5°	1380.7	1515.8	1649.9	1785.0	1919.1	1996.8	2073.5	2151.3	2228.0	2268.9	2309.7
70°	1224.3	1343.8	1464.3	1583.8	1703.3	1772.3	1842.3	1911.3	1980.3	2024.0	2067.7
72.5°	1053.3	1151.4	1249.6	1346.7	1444.9	1510.9	1577.0	1643.1	1709.2	1741.2	1774.3
75°	862.8	940.6	1018.3	1095.1	1172.8	1224.3	1275.8	1326.3	1377.8	1403.1	1427.4
77.5°	657.8	716.1	774.4	831.8	890.1	927.0	963.9	999.9	1036.8	1060.1	1083.4
80°	441.1	482.9	524.7	565.5	607.3	637.4	666.6	696.7	725.8	738.5	750.1
82.5°	267.2	290.5	313.8	337.2	360.5	379.9	398.4	417.8	436.3	442.1	448.9
85°	122.4	133.1	143.8	153.5	164.2	173.9	183.6	192.4	202.1	205.0	208.9
87.5°	31.1	32.1	34.0	35.0	36.0	37.9	38.9	40.8	41.8	43.7	44.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4
2.5°	389.6	389.6	389.6	389.6	389.6	389.6	389.6	390.6	390.6	390.6	390.6
5°	363.4	362.4	362.4	361.5	362.4	362.4	363.4	364.4	365.3	366.3	367.3
7.5°	324.5	322.6	322.6	322.6	322.6	322.6	324.5	326.5	327.5	329.4	332.3
10°	289.6	286.6	285.7	283.7	285.7	286.6	289.6	291.5	294.4	296.4	301.2
12.5°	290.5	287.6	286.6	285.7	286.6	287.6	290.5	293.4	296.4	299.3	303.2
15°	318.7	316.8	315.8	313.8	315.8	316.8	318.7	321.6	323.6	325.5	328.4
17.5°	369.2	369.2	369.2	369.2	369.2	369.2	369.2	370.2	370.2	370.2	372.2
20°	458.6	462.5	463.5	464.5	463.5	462.5	458.6	454.7	449.9	446.0	442.1
22.5°	595.6	608.3	613.1	618.0	613.1	608.3	595.6	583.0	570.4	557.7	545.1
25°	792.9	816.2	825.9	835.6	825.9	816.2	792.9	770.5	747.2	723.9	695.7
27.5°	982.4	1011.5	1022.2	1032.9	1022.2	1011.5	981.4	952.2	923.1	893.0	851.2
30°	1112.6	1142.7	1150.5	1157.3	1150.5	1142.7	1112.6	1082.4	1053.3	1023.2	975.6
32.5°	1244.7	1276.8	1279.7	1282.6	1279.7	1276.8	1244.7	1211.7	1179.6	1147.5	1095.1
35°	1392.4	1423.5	1432.2	1441.0	1432.2	1423.5	1392.4	1361.3	1331.2	1300.1	1238.9
37.5°	1545.0	1574.1	1580.9	1587.7	1580.9	1574.1	1545.0	1515.8	1486.7	1457.5	1390.5
40°	1703.3	1733.5	1738.3	1742.2	1738.3	1733.5	1703.3	1673.2	1643.1	1613.0	1542.0
42.5°	1884.1	1913.2	1919.1	1924.9	1919.1	1913.2	1884.1	1853.9	1824.8	1795.6	1718.9
45°	2080.3	2109.5	2120.2	2130.9	2120.2	2109.5	2079.4	2050.2	2021.1	1991.0	1910.3
47.5°	2305.8	2343.7	2350.5	2357.3	2350.5	2343.7	2304.8	2266.9	2229.0	2190.1	2099.8
50°	2495.3	2534.1	2542.9	2551.6	2542.9	2534.1	2495.3	2456.4	2418.5	2379.6	2282.5
52.5°	2662.4	2705.1	2713.9	2722.6	2713.9	2705.1	2662.4	2618.7	2575.9	2533.1	2436.0
55°	2780.0	2826.6	2841.2	2855.7	2841.2	2826.6	2779.0	2732.3	2685.7	2638.1	2534.1
57.5°	2834.4	2883.9	2896.6	2909.2	2896.6	2883.9	2834.4	2783.8	2734.3	2684.7	2577.8
60°	2809.1	2858.7	2871.3	2883.9	2871.3	2858.7	2808.1	2758.6	2709.0	2658.5	2558.4
62.5°	2737.2	2785.8	2799.4	2812.0	2798.4	2785.8	2737.2	2687.6	2639.1	2590.5	2488.5
65°	2570.1	2607.0	2620.6	2633.2	2619.6	2607.0	2570.1	2533.1	2497.2	2460.3	2363.1
67.5°	2349.5	2390.3	2409.7	2428.2	2408.8	2390.3	2349.5	2308.7	2268.9	2228.0	2151.3
70°	2110.5	2154.2	2162.9	2170.7	2162.9	2154.2	2110.5	2066.7	2024.0	1980.3	1911.3
72.5°	1806.3	1838.4	1848.1	1856.9	1848.1	1838.4	1806.3	1773.3	1741.2	1709.2	1643.1
75°	1452.6	1476.9	1487.6	1497.3	1487.6	1476.9	1452.6	1427.4	1403.1	1377.8	1326.3
77.5°	1105.8	1129.1	1135.9	1142.7	1135.9	1129.1	1105.8	1083.4	1060.1	1036.8	999.9
80°	762.8	774.4	780.3	785.1	780.3	774.4	762.8	750.1	738.5	725.8	696.7
82.5°	454.7	460.6	462.5	463.5	462.5	460.6	454.7	448.9	442.1	436.3	417.8
85°	211.8	214.7	217.7	220.6	217.7	214.7	211.8	208.9	205.0	202.1	192.4
87.5°	46.6	47.6	47.6	47.6	47.6	47.6	46.6	44.7	43.7	41.8	40.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4
2.5°	391.6	391.6	391.6	392.6	392.6	393.5	393.5	393.5	394.5	394.5	394.5
5°	368.3	369.2	370.2	372.2	374.1	375.1	377.0	379.0	380.9	382.8	384.8
7.5°	335.2	337.2	340.1	344.0	346.9	350.8	353.7	357.6	361.5	364.4	368.3
10°	305.1	310.0	313.8	318.7	324.5	329.4	334.3	340.1	345.9	350.8	356.6
12.5°	308.0	311.9	315.8	320.7	326.5	331.3	336.2	342.0	347.9	353.7	359.5
15°	332.3	335.2	338.1	343.0	346.9	351.7	355.6	359.5	364.4	368.3	372.2
17.5°	373.1	375.1	376.0	379.0	380.9	383.8	385.8	388.7	390.6	393.5	395.5
20°	438.2	434.3	430.5	429.5	427.5	426.6	424.6	425.6	426.6	426.6	427.5
22.5°	533.4	520.8	508.2	500.4	491.7	483.9	476.1	473.2	471.3	468.3	465.4
25°	667.5	639.4	611.2	591.7	573.3	553.9	535.4	527.6	519.8	511.1	503.3
27.5°	809.4	766.6	724.9	693.8	661.7	630.6	599.5	584.9	570.4	555.8	541.2
30°	927.9	880.3	832.7	791.9	750.1	709.3	668.5	645.2	622.8	600.5	577.2
32.5°	1042.6	989.2	936.7	888.1	839.5	790.9	742.4	711.3	681.1	650.0	619.0
35°	1177.7	1116.5	1055.2	995.0	934.7	874.5	814.3	776.4	738.5	700.6	662.7
37.5°	1323.4	1256.4	1189.3	1113.5	1038.7	962.9	888.1	842.4	797.7	752.1	706.4
40°	1472.1	1401.2	1330.2	1242.8	1154.3	1066.9	979.4	921.1	863.8	805.5	747.2
42.5°	1641.2	1564.4	1486.7	1385.6	1285.5	1184.5	1084.4	1011.5	938.6	864.8	791.9
45°	1828.7	1748.0	1666.4	1548.8	1432.2	1314.7	1198.1	1108.7	1020.3	931.8	842.4
47.5°	2009.4	1919.1	1828.7	1701.4	1574.1	1446.8	1319.5	1214.6	1109.6	1003.7	898.8
50°	2186.3	2089.1	1991.9	1851.0	1709.2	1568.3	1427.4	1305.9	1184.5	1063.0	941.5
52.5°	2338.8	2241.6	2144.5	1986.1	1827.7	1669.3	1510.9	1377.8	1245.7	1113.5	980.4
55°	2429.2	2325.2	2220.3	2061.9	1903.5	1745.1	1586.7	1442.0	1298.2	1154.3	1009.6
57.5°	2471.0	2364.1	2257.2	2098.8	1940.4	1783.0	1624.6	1471.1	1318.6	1166.0	1012.5
60°	2458.3	2357.3	2257.2	2095.9	1934.6	1773.3	1612.0	1458.5	1305.0	1150.5	996.9
62.5°	2386.4	2283.4	2181.4	2030.8	1879.2	1728.6	1578.0	1427.4	1276.8	1126.2	975.6
65°	2265.0	2167.8	2069.7	1927.8	1785.9	1645.0	1503.2	1357.4	1212.6	1067.9	922.1
67.5°	2073.5	1996.8	1919.1	1784.0	1649.9	1514.8	1380.7	1246.7	1113.5	980.4	846.3
70°	1842.3	1772.3	1703.3	1583.8	1463.3	1343.8	1224.3	1107.7	991.1	874.5	757.9
72.5°	1577.0	1510.9	1444.9	1346.7	1248.6	1151.4	1053.3	954.2	855.1	756.0	656.9
75°	1275.8	1224.3	1172.8	1095.1	1017.3	940.6	862.8	780.3	698.6	616.0	533.4
77.5°	963.9	927.0	890.1	831.8	773.5	716.1	657.8	593.7	529.6	465.4	401.3
80°	666.6	637.4	607.3	565.5	523.7	482.9	441.1	398.4	356.6	314.8	272.1
82.5°	398.4	379.9	360.5	337.2	313.8	290.5	267.2	241.9	216.7	190.4	165.2
85°	183.6	173.9	164.2	153.5	142.8	133.1	122.4	111.7	101.1	89.4	78.7
87.5°	38.9	37.9	36.0	35.0	34.0	32.1	31.1	30.1	28.2	27.2	25.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4
2.5°	395.5	395.5	396.4	396.4	397.4	397.4	398.4	398.4	398.4	398.4	398.4
5°	385.8	387.7	388.7	389.6	390.6	392.6	393.5	394.5	395.5	396.4	396.4
7.5°	372.2	375.1	379.0	381.9	383.8	385.8	387.7	389.6	390.6	391.6	392.6
10°	361.5	366.3	371.2	376.0	379.0	381.9	383.8	386.7	387.7	389.6	390.6
12.5°	365.3	370.2	376.0	380.9	383.8	387.7	390.6	393.5	394.5	395.5	395.5
15°	377.0	381.9	386.7	391.6	395.5	398.4	402.3	405.2	405.2	406.2	406.2
17.5°	398.4	401.3	403.2	406.2	409.1	412.0	413.9	416.8	416.8	417.8	417.8
20°	427.5	427.5	427.5	427.5	428.5	428.5	429.5	429.5	430.5	430.5	431.4
22.5°	462.5	460.6	457.7	454.7	452.8	449.9	447.9	445.0	445.0	445.0	444.1
25°	499.4	495.6	490.7	486.8	481.9	476.1	471.3	465.4	463.5	461.5	458.6
27.5°	535.4	529.6	523.7	517.9	510.1	502.4	493.6	485.8	481.9	477.1	473.2
30°	569.4	561.6	553.9	546.1	536.4	526.6	516.0	506.2	499.4	492.6	485.8
32.5°	607.3	595.6	583.0	571.3	560.7	549.0	538.3	526.6	517.9	509.2	499.4
35°	646.2	629.6	612.2	595.6	584.0	571.3	559.7	547.1	536.4	524.7	514.0
37.5°	685.0	664.6	643.2	621.9	608.3	594.7	580.1	566.5	553.9	541.2	527.6
40°	722.9	697.7	673.4	648.1	632.6	618.0	602.4	586.9	572.3	557.7	543.2
42.5°	762.8	732.6	703.5	673.4	655.9	638.4	620.9	603.4	587.9	573.3	557.7
45°	806.5	771.5	735.6	699.6	680.2	660.7	641.3	621.9	605.4	587.9	571.3
47.5°	855.1	810.4	766.6	722.0	701.5	680.2	659.8	638.4	619.9	602.4	584.0
50°	890.1	837.6	786.1	733.6	712.2	690.9	668.5	647.1	627.7	609.2	589.8
52.5°	921.1	861.9	802.6	743.3	721.0	697.7	675.3	652.0	632.6	612.2	592.7
55°	942.5	875.5	808.4	741.4	718.1	693.8	670.5	646.2	626.7	606.3	586.9
57.5°	938.6	865.8	791.9	718.1	694.7	671.4	647.1	623.8	605.4	586.9	568.4
60°	919.2	841.5	762.8	685.0	661.7	638.4	614.1	590.8	573.3	556.8	539.3
62.5°	893.9	811.3	729.7	647.1	621.9	597.6	572.3	547.1	532.5	517.9	502.4
65°	839.5	756.9	673.4	590.8	568.4	545.1	522.8	499.4	485.8	472.2	458.6
67.5°	766.6	687.0	607.3	527.6	506.2	485.8	464.5	443.1	430.5	417.8	405.2
70°	684.1	610.2	536.4	462.5	442.1	421.7	400.3	379.9	369.2	359.5	348.8
72.5°	590.8	523.7	457.7	390.6	371.2	352.7	333.3	313.8	306.1	297.3	289.6
75°	478.1	422.7	367.3	311.9	296.4	279.8	264.3	247.8	241.9	236.1	229.3
77.5°	359.5	316.8	275.0	232.2	219.6	207.0	194.3	181.7	177.8	173.9	170.0
80°	243.9	216.7	188.5	160.3	150.6	140.9	131.2	121.5	119.5	117.6	114.7
82.5°	148.7	131.2	114.7	97.2	91.3	85.5	79.7	73.8	72.9	71.9	70.0
85°	71.9	64.1	57.3	49.6	47.6	44.7	42.8	39.8	39.8	38.9	38.9
87.5°	25.3	25.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4
2.5°	398.4	398.4	399.4	399.4	399.4	399.4	399.4	399.4	399.4	399.4	399.4
5°	397.4	398.4	398.4	399.4	399.4	400.3	400.3	400.3	399.4	399.4	398.4
7.5°	393.5	394.5	394.5	395.5	395.5	395.5	395.5	395.5	395.5	395.5	394.5
10°	391.6	391.6	392.6	392.6	392.6	392.6	392.6	392.6	392.6	392.6	392.6
12.5°	396.4	396.4	395.5	395.5	394.5	394.5	393.5	394.5	394.5	395.5	395.5
15°	406.2	405.2	404.2	403.2	402.3	402.3	401.3	402.3	402.3	403.2	404.2
17.5°	417.8	416.8	414.9	413.9	412.0	411.0	409.1	411.0	412.0	413.9	414.9
20°	431.4	429.5	426.6	424.6	421.7	420.7	418.8	420.7	421.7	424.6	426.6
22.5°	444.1	441.1	438.2	434.3	431.4	429.5	427.5	429.5	431.4	434.3	438.2
25°	456.7	452.8	449.9	446.0	442.1	440.2	437.3	440.2	442.1	446.0	449.9
27.5°	468.3	464.5	460.6	456.7	452.8	449.9	447.0	449.9	452.8	456.7	460.6
30°	479.0	475.1	470.3	465.4	461.5	458.6	455.7	458.6	461.5	466.4	470.3
32.5°	490.7	485.8	481.0	476.1	471.3	467.4	463.5	467.4	471.3	476.1	481.0
35°	502.4	496.5	491.7	485.8	480.0	476.1	472.2	476.1	480.0	485.8	491.7
37.5°	515.0	508.2	502.4	495.6	488.8	483.9	480.0	484.9	488.8	495.6	502.4
40°	528.6	520.8	514.0	506.2	498.5	493.6	488.8	493.6	498.5	506.2	514.0
42.5°	542.2	533.4	524.7	515.0	506.2	501.4	496.5	501.4	506.2	515.0	524.7
45°	553.9	544.1	534.4	524.7	515.0	510.1	505.3	510.1	515.0	524.7	534.4
47.5°	565.5	554.8	544.1	533.4	522.8	517.9	513.0	517.9	522.8	533.4	544.1
50°	570.4	558.7	548.0	536.4	524.7	518.9	514.0	519.8	524.7	536.4	548.0
52.5°	572.3	560.7	549.0	536.4	524.7	518.9	514.0	519.8	524.7	536.4	549.0
55°	566.5	553.9	542.2	529.6	516.9	511.1	506.2	512.1	516.9	529.6	542.2
57.5°	550.0	537.3	525.7	513.0	500.4	493.6	487.8	494.6	500.4	513.0	525.7
60°	521.8	510.1	499.4	487.8	476.1	469.3	462.5	469.3	476.1	487.8	499.4
62.5°	487.8	477.1	466.4	455.7	445.0	438.2	432.4	439.2	445.0	455.7	466.4
65°	445.0	435.3	425.6	414.9	405.2	397.4	389.6	397.4	405.2	414.9	425.6
67.5°	392.6	383.8	376.0	367.3	358.5	350.8	344.0	351.7	358.5	367.3	376.0
70°	338.1	331.3	324.5	316.8	310.0	303.2	297.3	304.1	310.0	316.8	324.5
72.5°	280.8	274.0	267.2	260.4	253.6	246.8	240.0	246.8	253.6	260.4	267.2
75°	223.5	217.7	211.8	205.0	199.2	193.4	187.5	193.4	199.2	205.0	211.8
77.5°	166.2	161.3	156.4	150.6	145.8	138.9	133.1	139.9	145.8	150.6	156.4
80°	112.7	107.9	104.0	99.1	94.3	89.4	84.5	89.4	94.3	99.1	104.0
82.5°	69.0	65.1	61.2	56.4	52.5	47.6	42.8	47.6	52.5	56.4	61.2
85°	37.9	35.0	32.1	28.2	25.3	19.4	13.6	19.4	25.3	28.2	32.1
87.5°	24.3	21.4	18.5	14.6	11.7	6.8	1.9	6.8	11.7	14.6	18.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4
2.5°	398.4	398.4	398.4	398.4	398.4	398.4	398.4	397.4	397.4	396.4	396.4
5°	398.4	397.4	396.4	396.4	395.5	394.5	393.5	392.6	390.6	389.6	388.7
7.5°	394.5	393.5	392.6	391.6	390.6	389.6	387.7	385.8	383.8	381.9	379.0
10°	391.6	391.6	390.6	389.6	387.7	386.7	383.8	381.9	379.0	376.0	371.2
12.5°	396.4	396.4	395.5	395.5	394.5	393.5	390.6	387.7	383.8	380.9	376.0
15°	405.2	406.2	406.2	406.2	405.2	405.2	402.3	398.4	395.5	391.6	386.7
17.5°	416.8	417.8	417.8	417.8	416.8	416.8	413.9	412.0	409.1	406.2	403.2
20°	429.5	431.4	431.4	430.5	430.5	429.5	429.5	428.5	428.5	427.5	427.5
22.5°	441.1	444.1	444.1	445.0	445.0	445.0	447.9	449.9	452.8	454.7	457.7
25°	452.8	456.7	458.6	461.5	463.5	465.4	471.3	476.1	481.9	486.8	490.7
27.5°	464.5	468.3	473.2	477.1	481.9	485.8	493.6	502.4	510.1	517.9	523.7
30°	475.1	479.0	485.8	492.6	499.4	506.2	516.0	526.6	536.4	546.1	553.9
32.5°	485.8	490.7	499.4	509.2	517.9	526.6	538.3	549.0	560.7	571.3	583.0
35°	496.5	502.4	514.0	524.7	536.4	547.1	559.7	571.3	584.0	595.6	612.2
37.5°	508.2	515.0	527.6	541.2	553.9	566.5	580.1	594.7	608.3	621.9	643.2
40°	520.8	528.6	543.2	557.7	572.3	586.9	602.4	618.0	632.6	648.1	673.4
42.5°	533.4	542.2	557.7	573.3	587.9	603.4	620.9	638.4	655.9	673.4	703.5
45°	544.1	553.9	571.3	587.9	605.4	621.9	641.3	660.7	680.2	699.6	735.6
47.5°	554.8	565.5	584.0	602.4	619.9	638.4	659.8	680.2	701.5	722.0	766.6
50°	558.7	570.4	589.8	609.2	627.7	647.1	668.5	690.9	712.2	733.6	786.1
52.5°	560.7	572.3	592.7	612.2	632.6	652.0	675.3	697.7	721.0	743.3	802.6
55°	553.9	566.5	586.9	606.3	626.7	646.2	670.5	693.8	718.1	741.4	808.4
57.5°	537.3	550.0	568.4	586.9	605.4	623.8	647.1	671.4	694.7	718.1	791.9
60°	510.1	521.8	539.3	556.8	573.3	590.8	614.1	638.4	661.7	685.0	762.8
62.5°	477.1	487.8	502.4	517.9	532.5	547.1	572.3	597.6	621.9	647.1	729.7
65°	435.3	445.0	458.6	472.2	485.8	499.4	522.8	545.1	568.4	590.8	673.4
67.5°	383.8	392.6	405.2	417.8	430.5	443.1	464.5	485.8	506.2	527.6	607.3
70°	331.3	338.1	348.8	359.5	369.2	379.9	400.3	421.7	442.1	462.5	536.4
72.5°	274.0	280.8	289.6	297.3	306.1	313.8	333.3	352.7	371.2	390.6	457.7
75°	217.7	223.5	229.3	236.1	241.9	247.8	264.3	279.8	296.4	311.9	367.3
77.5°	161.3	166.2	170.0	173.9	177.8	181.7	194.3	207.0	219.6	232.2	275.0
80°	107.9	112.7	114.7	117.6	119.5	121.5	131.2	140.9	150.6	160.3	188.5
82.5°	65.1	69.0	70.0	71.9	72.9	73.8	79.7	85.5	91.3	97.2	114.7
85°	35.0	37.9	38.9	38.9	39.8	39.8	42.8	44.7	47.6	49.6	57.3
87.5°	21.4	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4
2.5°	395.5	395.5	394.5	394.5	394.5	393.5	393.5	393.5	392.6	392.6	391.6
5°	387.7	385.8	384.8	382.8	380.9	379.0	377.0	375.1	374.1	372.2	370.2
7.5°	375.1	372.2	368.3	364.4	361.5	357.6	353.7	350.8	346.9	344.0	340.1
10°	366.3	361.5	356.6	350.8	345.9	340.1	334.3	329.4	324.5	318.7	313.8
12.5°	370.2	365.3	359.5	353.7	347.9	342.0	336.2	331.3	326.5	320.7	315.8
15°	381.9	377.0	372.2	368.3	364.4	359.5	355.6	351.7	346.9	343.0	338.1
17.5°	401.3	398.4	395.5	393.5	390.6	388.7	385.8	383.8	380.9	379.0	376.0
20°	427.5	427.5	427.5	426.6	426.6	425.6	424.6	426.6	427.5	429.5	430.5
22.5°	460.6	462.5	465.4	468.3	471.3	473.2	476.1	483.9	492.6	500.4	508.2
25°	495.6	499.4	503.3	511.1	519.8	527.6	535.4	554.8	573.3	592.7	611.2
27.5°	529.6	535.4	541.2	555.8	570.4	584.9	599.5	630.6	662.7	693.8	724.9
30°	561.6	569.4	577.2	600.5	622.8	646.2	668.5	709.3	751.1	791.9	832.7
32.5°	595.6	607.3	619.0	650.0	681.1	711.3	742.4	790.9	839.5	888.1	936.7
35°	629.6	646.2	662.7	700.6	738.5	776.4	814.3	874.5	934.7	995.0	1055.2
37.5°	664.6	685.0	706.4	752.1	797.7	842.4	888.1	963.9	1038.7	1114.5	1189.3
40°	697.7	722.9	747.2	805.5	863.8	921.1	979.4	1066.9	1155.3	1242.8	1330.2
42.5°	732.6	762.8	791.9	864.8	938.6	1011.5	1084.4	1185.4	1285.5	1386.6	1486.7
45°	771.5	806.5	842.4	931.8	1020.3	1109.6	1198.1	1315.6	1432.2	1549.8	1666.4
47.5°	810.4	855.1	898.8	1003.7	1109.6	1214.6	1319.5	1446.8	1574.1	1701.4	1828.7
50°	837.6	890.1	941.5	1063.0	1184.5	1305.9	1427.4	1568.3	1710.1	1851.0	1991.9
52.5°	861.9	921.1	980.4	1113.5	1245.7	1378.8	1510.9	1669.3	1827.7	1986.1	2144.5
55°	875.5	942.5	1009.6	1154.3	1298.2	1442.9	1586.7	1745.1	1903.5	2061.9	2220.3
57.5°	865.8	938.6	1012.5	1166.0	1318.6	1472.1	1624.6	1783.0	1941.4	2098.8	2257.2
60°	841.5	919.2	996.9	1150.5	1305.0	1458.5	1612.0	1773.3	1934.6	2095.9	2257.2
62.5°	811.3	893.9	975.6	1126.2	1276.8	1427.4	1578.0	1728.6	1880.2	2030.8	2181.4
65°	756.9	839.5	922.1	1067.9	1212.6	1358.4	1503.2	1645.0	1786.9	1927.8	2069.7
67.5°	687.0	766.6	846.3	980.4	1113.5	1247.6	1380.7	1515.8	1649.9	1785.0	1919.1
70°	610.2	684.1	757.9	874.5	991.1	1107.7	1224.3	1343.8	1464.3	1583.8	1703.3
72.5°	523.7	590.8	656.9	756.0	855.1	954.2	1053.3	1151.4	1249.6	1346.7	1444.9
75°	422.7	478.1	533.4	616.0	698.6	780.3	862.8	940.6	1018.3	1095.1	1172.8
77.5°	316.8	359.5	401.3	465.4	529.6	593.7	657.8	716.1	774.4	831.8	890.1
80°	216.7	243.9	272.1	314.8	356.6	399.4	441.1	482.9	524.7	565.5	607.3
82.5°	131.2	148.7	165.2	190.4	216.7	241.9	267.2	290.5	313.8	337.2	360.5
85°	64.1	71.9	78.7	89.4	101.1	111.7	122.4	133.1	143.8	153.5	164.2
87.5°	25.3	25.3	25.3	27.2	28.2	30.1	31.1	32.1	34.0	35.0	36.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4
2.5°	391.6	391.6	390.6	390.6	390.6	390.6	389.6	389.6	389.6	389.6	389.6
5°	369.2	368.3	367.3	366.3	365.3	364.4	363.4	362.4	362.4	361.5	362.4
7.5°	337.2	335.2	332.3	329.4	327.5	326.5	324.5	322.6	322.6	322.6	322.6
10°	310.0	305.1	301.2	296.4	294.4	291.5	289.6	286.6	285.7	283.7	285.7
12.5°	311.9	308.0	303.2	299.3	296.4	293.4	290.5	287.6	286.6	285.7	286.6
15°	335.2	332.3	328.4	325.5	323.6	321.6	318.7	316.8	315.8	313.8	315.8
17.5°	375.1	373.1	372.2	370.2	370.2	370.2	369.2	369.2	369.2	369.2	369.2
20°	434.3	438.2	442.1	446.0	449.9	454.7	458.6	462.5	463.5	464.5	463.5
22.5°	520.8	533.4	545.1	557.7	570.4	583.0	595.6	608.3	613.1	618.0	613.1
25°	639.4	667.5	695.7	723.9	747.2	770.5	792.9	816.2	825.9	835.6	825.9
27.5°	766.6	809.4	851.2	893.0	922.1	952.2	981.4	1011.5	1022.2	1032.9	1022.2
30°	880.3	927.9	975.6	1023.2	1053.3	1083.4	1112.6	1142.7	1149.5	1157.3	1150.5
32.5°	989.2	1042.6	1095.1	1147.5	1179.6	1212.6	1244.7	1276.8	1279.7	1282.6	1279.7
35°	1116.5	1177.7	1238.9	1300.1	1331.2	1362.3	1392.4	1423.5	1432.2	1441.0	1432.2
37.5°	1256.4	1323.4	1390.5	1457.5	1486.7	1515.8	1545.0	1574.1	1580.9	1587.7	1580.9
40°	1401.2	1472.1	1542.0	1613.0	1643.1	1673.2	1703.3	1733.5	1737.3	1742.2	1738.3
42.5°	1564.4	1641.2	1717.9	1795.6	1824.8	1854.9	1884.1	1913.2	1919.1	1924.9	1919.1
45°	1748.0	1828.7	1909.3	1991.0	2020.1	2050.2	2079.4	2109.5	2120.2	2130.9	2120.2
47.5°	1919.1	2009.4	2099.8	2190.1	2228.0	2266.9	2304.8	2343.7	2350.5	2357.3	2350.5
50°	2089.1	2186.3	2282.5	2379.6	2418.5	2457.4	2495.3	2534.1	2542.9	2551.6	2542.9
52.5°	2241.6	2338.8	2436.0	2533.1	2575.9	2619.6	2662.4	2705.1	2713.9	2722.6	2713.9
55°	2325.2	2429.2	2533.1	2638.1	2684.7	2732.3	2779.0	2826.6	2841.2	2855.7	2841.2
57.5°	2364.1	2471.0	2577.8	2684.7	2734.3	2784.8	2834.4	2883.9	2896.6	2909.2	2896.6
60°	2357.3	2458.3	2558.4	2658.5	2708.0	2758.6	2808.1	2858.7	2871.3	2883.9	2871.3
62.5°	2283.4	2386.4	2488.5	2590.5	2639.1	2688.6	2737.2	2785.8	2798.4	2812.0	2799.4
65°	2167.8	2265.0	2362.1	2460.3	2497.2	2534.1	2570.1	2607.0	2619.6	2633.2	2620.6
67.5°	1996.8	2073.5	2150.3	2228.0	2268.9	2309.7	2349.5	2390.3	2408.8	2428.2	2409.7
70°	1772.3	1842.3	1911.3	1980.3	2024.0	2067.7	2110.5	2154.2	2162.0	2170.7	2162.9
72.5°	1510.9	1577.0	1643.1	1709.2	1741.2	1774.3	1806.3	1838.4	1847.1	1856.9	1848.1
75°	1224.3	1275.8	1326.3	1377.8	1402.1	1427.4	1451.7	1476.9	1486.7	1497.3	1487.6
77.5°	927.0	963.9	999.9	1036.8	1060.1	1083.4	1105.8	1129.1	1135.9	1142.7	1135.9
80°	637.4	666.6	695.7	725.8	737.5	750.1	761.8	774.4	779.3	785.1	780.3
82.5°	379.9	398.4	416.8	436.3	442.1	448.9	454.7	460.6	462.5	463.5	462.5
85°	173.9	183.6	192.4	202.1	205.0	208.9	211.8	214.7	217.7	220.6	217.7
87.5°	37.9	38.9	40.8	41.8	43.7	44.7	46.6	47.6	47.6	47.6	47.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4
2.5°	389.6	389.6	390.6	390.6	390.6	390.6	391.6	391.6	391.6	392.6	392.6
5°	362.4	363.4	364.4	365.3	366.3	367.3	368.3	369.2	370.2	372.2	374.1
7.5°	322.6	324.5	326.5	327.5	329.4	332.3	335.2	337.2	340.1	344.0	346.9
10°	286.6	289.6	291.5	294.4	296.4	301.2	305.1	310.0	313.8	318.7	324.5
12.5°	287.6	290.5	293.4	296.4	299.3	303.2	308.0	311.9	315.8	320.7	326.5
15°	316.8	318.7	321.6	323.6	325.5	328.4	332.3	335.2	338.1	343.0	346.9
17.5°	369.2	369.2	370.2	370.2	370.2	372.2	373.1	375.1	376.0	379.0	380.9
20°	462.5	458.6	454.7	449.9	446.0	442.1	438.2	434.3	430.5	429.5	427.5
22.5°	608.3	595.6	583.0	570.4	557.7	545.1	533.4	520.8	508.2	500.4	492.6
25°	816.2	792.9	770.5	747.2	723.9	695.7	667.5	639.4	611.2	591.7	573.3
27.5°	1011.5	981.4	952.2	922.1	893.0	851.2	809.4	766.6	724.9	693.8	662.7
30°	1142.7	1112.6	1083.4	1053.3	1023.2	975.6	927.9	880.3	832.7	791.9	751.1
32.5°	1276.8	1244.7	1212.6	1179.6	1147.5	1095.1	1042.6	989.2	936.7	888.1	839.5
35°	1423.5	1392.4	1362.3	1331.2	1300.1	1238.9	1177.7	1116.5	1055.2	995.0	934.7
37.5°	1574.1	1545.0	1515.8	1486.7	1457.5	1390.5	1323.4	1256.4	1189.3	1113.5	1038.7
40°	1733.5	1703.3	1673.2	1643.1	1613.0	1542.0	1472.1	1401.2	1330.2	1242.8	1155.3
42.5°	1913.2	1884.1	1854.9	1824.8	1795.6	1717.9	1641.2	1563.4	1486.7	1385.6	1285.5
45°	2109.5	2079.4	2050.2	2020.1	1991.0	1909.3	1828.7	1747.1	1666.4	1548.8	1432.2
47.5°	2343.7	2304.8	2266.9	2228.0	2190.1	2099.8	2009.4	1919.1	1828.7	1701.4	1574.1
50°	2534.1	2495.3	2457.4	2418.5	2379.6	2282.5	2186.3	2089.1	1991.9	1851.0	1710.1
52.5°	2705.1	2662.4	2619.6	2575.9	2533.1	2436.0	2338.8	2241.6	2144.5	1986.1	1827.7
55°	2826.6	2779.0	2732.3	2684.7	2638.1	2533.1	2429.2	2324.2	2220.3	2061.9	1903.5
57.5°	2883.9	2834.4	2784.8	2734.3	2684.7	2577.8	2471.0	2364.1	2257.2	2098.8	1941.4
60°	2858.7	2808.1	2758.6	2708.0	2658.5	2558.4	2458.3	2357.3	2257.2	2095.9	1934.6
62.5°	2785.8	2737.2	2688.6	2639.1	2590.5	2488.5	2386.4	2283.4	2181.4	2030.8	1880.2
65°	2607.0	2570.1	2534.1	2497.2	2460.3	2362.1	2265.0	2166.8	2069.7	1927.8	1786.9
67.5°	2390.3	2349.5	2309.7	2268.9	2228.0	2150.3	2073.5	1995.8	1919.1	1784.0	1649.9
70°	2154.2	2110.5	2067.7	2024.0	1980.3	1911.3	1842.3	1772.3	1703.3	1583.8	1464.3
72.5°	1838.4	1806.3	1774.3	1741.2	1709.2	1643.1	1577.0	1510.9	1444.9	1346.7	1249.6
75°	1476.9	1451.7	1427.4	1402.1	1377.8	1326.3	1275.8	1224.3	1172.8	1095.1	1018.3
77.5°	1129.1	1105.8	1083.4	1060.1	1036.8	999.9	963.9	927.0	890.1	831.8	774.4
80°	774.4	761.8	750.1	737.5	725.8	695.7	666.6	636.4	607.3	565.5	524.7
82.5°	460.6	454.7	448.9	442.1	436.3	416.8	398.4	379.0	360.5	337.2	313.8
85°	214.7	211.8	208.9	205.0	202.1	192.4	183.6	173.9	164.2	153.5	143.8
87.5°	47.6	46.6	44.7	43.7	41.8	40.8	38.9	37.9	36.0	35.0	34.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4
2.5°	393.5	393.5	393.5	394.5	394.5	394.5	395.5	395.5	396.4	396.4	397.4
5°	375.1	377.0	379.0	380.9	382.8	384.8	385.8	387.7	388.7	389.6	390.6
7.5°	350.8	353.7	357.6	361.5	364.4	368.3	372.2	375.1	379.0	381.9	383.8
10°	329.4	334.3	340.1	345.9	350.8	356.6	361.5	366.3	371.2	376.0	379.0
12.5°	331.3	336.2	342.0	347.9	353.7	359.5	365.3	370.2	376.0	380.9	383.8
15°	351.7	355.6	359.5	364.4	368.3	372.2	377.0	381.9	386.7	391.6	395.5
17.5°	383.8	385.8	388.7	390.6	393.5	395.5	398.4	401.3	403.2	406.2	409.1
20°	426.6	424.6	425.6	426.6	426.6	427.5	427.5	427.5	427.5	427.5	428.5
22.5°	483.9	476.1	473.2	471.3	468.3	465.4	462.5	460.6	457.7	454.7	452.8
25°	554.8	535.4	527.6	519.8	511.1	503.3	499.4	495.6	490.7	486.8	481.9
27.5°	630.6	599.5	584.9	570.4	555.8	541.2	535.4	529.6	523.7	517.9	510.1
30°	709.3	668.5	646.2	622.8	600.5	577.2	569.4	561.6	553.9	546.1	536.4
32.5°	790.9	742.4	711.3	681.1	650.0	619.0	607.3	595.6	583.0	571.3	560.7
35°	874.5	814.3	776.4	738.5	700.6	662.7	646.2	629.6	612.2	595.6	584.0
37.5°	963.9	888.1	842.4	797.7	752.1	706.4	685.0	664.6	643.2	621.9	608.3
40°	1066.9	979.4	921.1	863.8	805.5	747.2	722.9	697.7	673.4	648.1	632.6
42.5°	1185.4	1084.4	1011.5	938.6	864.8	791.9	762.8	732.6	703.5	673.4	655.9
45°	1315.6	1198.1	1109.6	1020.3	931.8	842.4	806.5	771.5	735.6	699.6	680.2
47.5°	1446.8	1319.5	1214.6	1109.6	1003.7	898.8	855.1	810.4	766.6	722.0	701.5
50°	1568.3	1427.4	1305.9	1184.5	1063.0	941.5	890.1	837.6	786.1	733.6	712.2
52.5°	1669.3	1510.9	1378.8	1245.7	1113.5	980.4	921.1	861.9	802.6	743.3	721.0
55°	1745.1	1586.7	1442.9	1298.2	1154.3	1009.6	942.5	875.5	808.4	741.4	718.1
57.5°	1783.0	1624.6	1472.1	1318.6	1166.0	1012.5	938.6	865.8	791.9	718.1	694.7
60°	1773.3	1612.0	1458.5	1305.0	1150.5	996.9	919.2	841.5	762.8	685.0	661.7
62.5°	1728.6	1578.0	1427.4	1276.8	1126.2	975.6	893.9	811.3	729.7	647.1	621.9
65°	1645.0	1503.2	1358.4	1212.6	1067.9	922.1	839.5	756.9	673.4	590.8	568.4
67.5°	1515.8	1380.7	1247.6	1113.5	980.4	846.3	766.6	687.0	607.3	527.6	506.2
70°	1343.8	1224.3	1107.7	991.1	874.5	757.9	684.1	610.2	536.4	462.5	442.1
72.5°	1151.4	1053.3	954.2	855.1	756.0	656.9	590.8	523.7	457.7	390.6	371.2
75°	940.6	862.8	780.3	698.6	616.0	533.4	478.1	422.7	367.3	311.9	296.4
77.5°	716.1	657.8	593.7	529.6	465.4	401.3	359.5	316.8	275.0	232.2	219.6
80°	482.9	441.1	399.4	356.6	314.8	272.1	243.9	216.7	188.5	160.3	150.6
82.5°	290.5	267.2	241.9	216.7	190.4	165.2	148.7	131.2	114.7	97.2	91.3
85°	133.1	122.4	111.7	101.1	89.4	78.7	71.9	64.1	57.3	49.6	47.6
87.5°	32.1	31.1	30.1	28.2	27.2	25.3	25.3	25.3	24.3	24.3	24.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4
2.5°	397.4	398.4	398.4	398.4	398.4	398.4	398.4	398.4	399.4	399.4	399.4
5°	392.6	393.5	394.5	395.5	396.4	396.4	397.4	398.4	398.4	399.4	399.4
7.5°	385.8	387.7	389.6	390.6	391.6	392.6	393.5	394.5	394.5	395.5	395.5
10°	380.9	383.8	386.7	387.7	389.6	390.6	391.6	391.6	392.6	392.6	392.6
12.5°	386.7	390.6	393.5	394.5	395.5	395.5	396.4	396.4	395.5	395.5	394.5
15°	398.4	402.3	405.2	405.2	406.2	406.2	406.2	405.2	404.2	403.2	402.3
17.5°	411.0	413.9	416.8	416.8	417.8	417.8	417.8	416.8	414.9	413.9	412.0
20°	428.5	429.5	429.5	430.5	430.5	431.4	431.4	429.5	426.6	424.6	421.7
22.5°	449.9	447.9	445.0	445.0	445.0	444.1	444.1	441.1	438.2	434.3	431.4
25°	476.1	471.3	465.4	463.5	461.5	458.6	456.7	452.8	449.9	446.0	442.1
27.5°	502.4	493.6	485.8	481.9	477.1	473.2	468.3	464.5	460.6	456.7	452.8
30°	526.6	516.0	506.2	499.4	492.6	485.8	479.0	475.1	470.3	466.4	461.5
32.5°	549.0	538.3	526.6	517.9	509.2	499.4	490.7	485.8	481.0	476.1	471.3
35°	571.3	559.7	547.1	536.4	524.7	514.0	502.4	496.5	491.7	485.8	480.0
37.5°	594.7	580.1	566.5	553.9	541.2	527.6	515.0	508.2	502.4	495.6	488.8
40°	618.0	602.4	586.9	572.3	557.7	543.2	528.6	520.8	514.0	506.2	498.5
42.5°	638.4	620.9	603.4	587.9	573.3	557.7	542.2	533.4	524.7	515.0	506.2
45°	660.7	641.3	621.9	605.4	587.9	571.3	553.9	544.1	534.4	524.7	515.0
47.5°	680.2	659.8	638.4	619.9	602.4	584.0	565.5	554.8	544.1	533.4	522.8
50°	690.9	668.5	647.1	627.7	609.2	589.8	570.4	558.7	548.0	536.4	524.7
52.5°	697.7	675.3	652.0	632.6	612.2	592.7	572.3	560.7	549.0	536.4	524.7
55°	693.8	670.5	646.2	626.7	606.3	586.9	566.5	553.9	542.2	529.6	516.9
57.5°	671.4	647.1	623.8	605.4	586.9	568.4	550.0	537.3	525.7	513.0	500.4
60°	638.4	614.1	590.8	573.3	556.8	539.3	521.8	510.1	499.4	487.8	476.1
62.5°	597.6	572.3	547.1	532.5	517.9	502.4	487.8	477.1	466.4	455.7	445.0
65°	545.1	522.8	499.4	485.8	472.2	458.6	445.0	435.3	425.6	414.9	405.2
67.5°	485.8	464.5	443.1	430.5	417.8	405.2	392.6	383.8	376.0	367.3	358.5
70°	421.7	400.3	379.9	369.2	359.5	348.8	338.1	331.3	324.5	316.8	310.0
72.5°	352.7	333.3	313.8	306.1	297.3	289.6	280.8	274.0	267.2	260.4	253.6
75°	279.8	264.3	247.8	241.9	236.1	229.3	223.5	217.7	211.8	205.0	199.2
77.5°	207.0	194.3	181.7	177.8	173.9	170.0	166.2	161.3	156.4	150.6	145.8
80°	140.9	131.2	121.5	119.5	117.6	114.7	112.7	107.9	104.0	99.1	94.3
82.5°	85.5	79.7	73.8	72.9	71.9	70.0	69.0	65.1	61.2	56.4	52.5
85°	44.7	42.8	39.8	39.8	38.9	38.9	37.9	35.0	32.1	28.2	25.3
87.5°	24.3	24.3	24.3	24.3	24.3	24.3	24.3	21.4	18.5	14.6	11.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	398.4	398.4
2.5°	399.4	399.4
5°	400.3	400.3
7.5°	395.5	395.5
10°	392.6	392.6
12.5°	394.5	393.5
15°	402.3	401.3
17.5°	411.0	409.1
20°	420.7	418.8
22.5°	429.5	427.5
25°	440.2	437.3
27.5°	449.9	447.0
30°	458.6	455.7
32.5°	467.4	463.5
35°	476.1	472.2
37.5°	484.9	480.0
40°	493.6	488.8
42.5°	501.4	496.5
45°	510.1	505.3
47.5°	517.9	513.0
50°	519.8	514.0
52.5°	519.8	514.0
55°	512.1	506.2
57.5°	494.6	487.8
60°	469.3	462.5
62.5°	439.2	432.4
65°	397.4	389.6
67.5°	351.7	344.0
70°	304.1	297.3
72.5°	246.8	240.0
75°	193.4	187.5
77.5°	139.9	133.1
80°	89.4	84.5
82.5°	47.6	42.8
85°	19.4	13.6
87.5°	6.8	1.9
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0

REPORT NUMBER: P1445212

CATALOG NUMBER: TPTN-VA3-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

MCGRAW EDISON

Report Number: SP1-2411-284-1

Test Date: 11/15/2024

Luminaire Tested: TTN-D0-735-U-WQ

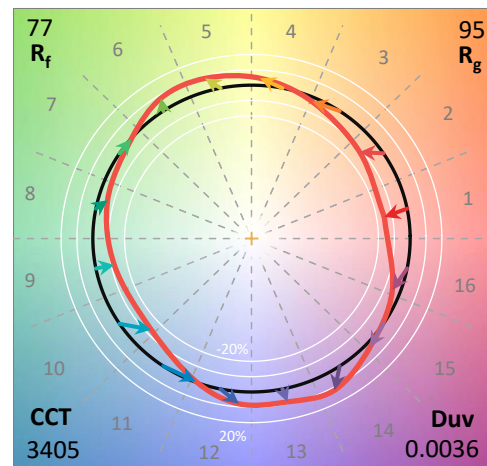
Data in this report applies to families of products including TTN-D0-735-U-WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2411-284-1
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 11/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: MCGRAW EDISON
 Catalog Number: **TTN-D0-735-U-WQ**
 Description: TOPTIER NANO LED PARKING GARAGE LUMINAIRE. 3500K, 70 CRI LEDS AND WIDE DISTRIBUTION

Spectral Parameters

CCT (K):	3405	CRI (Ra):	73.9		
CIE u':	0.2365	R1:	71.3	R9:	-18.0
CIE v':	0.5180	R2:	80.3	R10:	53.1
Duv:	0.0036	R3:	87.8	R11:	68.6
CIE x:	0.4148	R4:	73.2	R12:	42.6
CIE y:	0.4038	R5:	69.8	R13:	72.5
CIE z:	0.1814	R6:	71.8	R14:	92.7
Peak Wavelength (nm):	596	R7:	82.8	R15:	64.3
Dominant Wavelength (nm):	579	R8:	54.1		
Purity:	45.70672				
Rf:	76.6				
Rg:	95.4				



Test Conditions

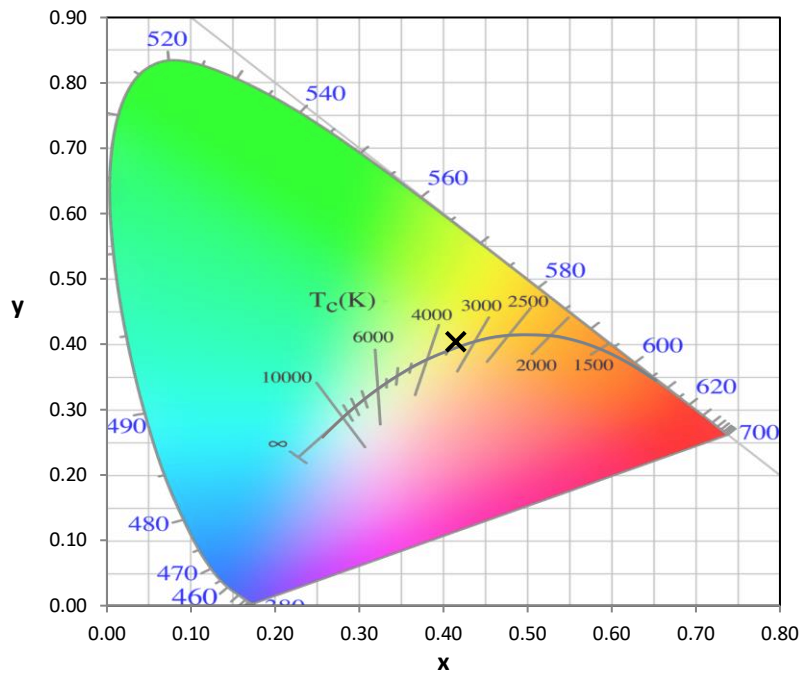
Stabilization Time: 38M
 Operation Time: 1H 38M
 Sphere Temperature (°C): 24.9

REPORT NUMBER: SP1-2411-284-1

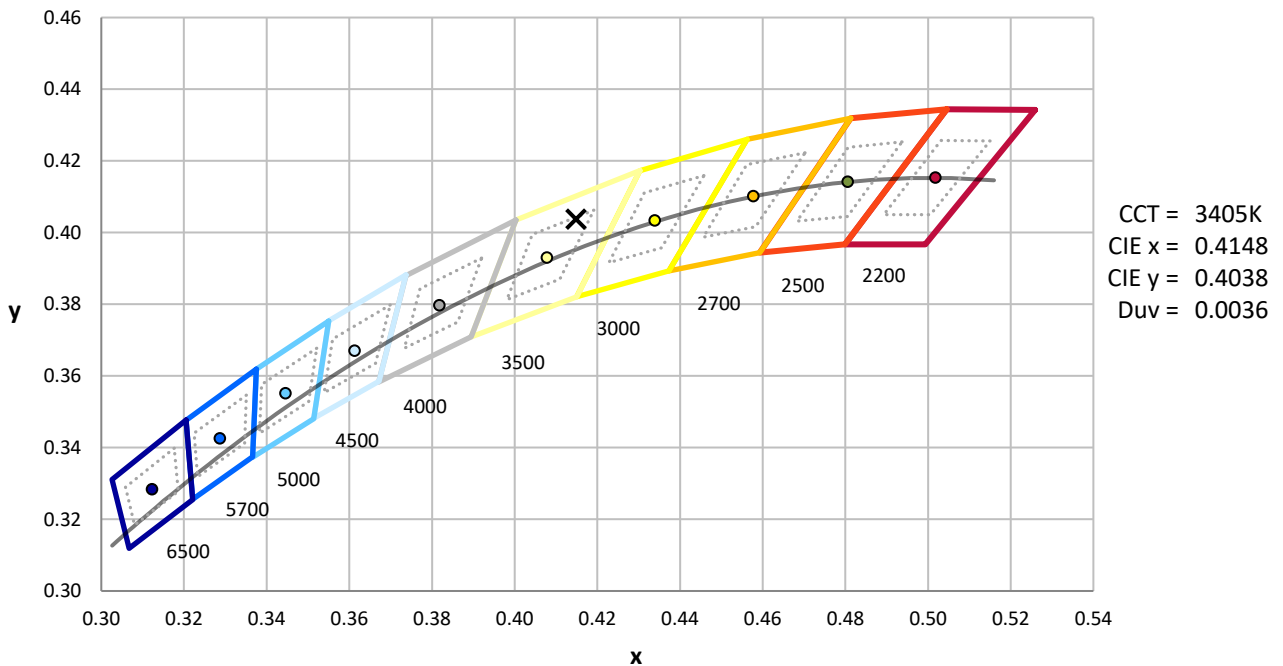
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP1-2411-284-1

CIE 1931 Chromaticity Diagram



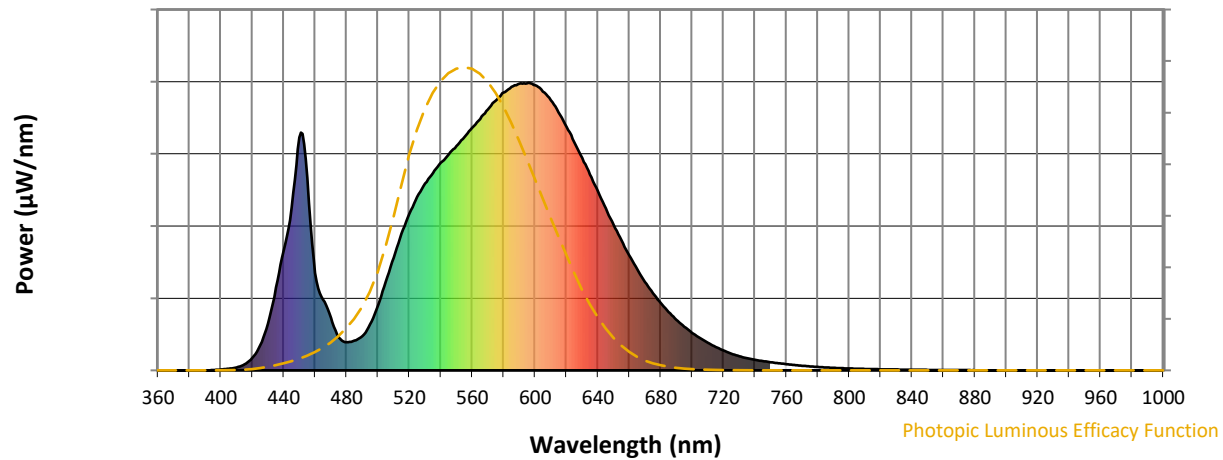
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2411-284-1

Photopic Flux vs. Wavelength

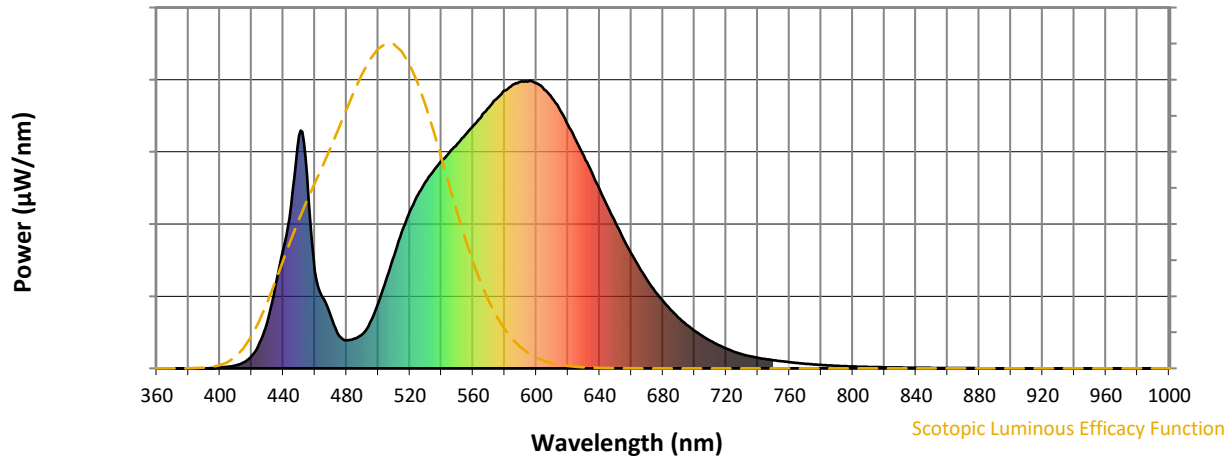


Photopic Lumens: NR

λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	846	NR	750	28	NR	880	1	NR
365	0	NR	495	160	NR	625	793	NR	755	25	NR	885	0	NR
370	0	NR	500	225	NR	630	739	NR	760	22	NR	890	0	NR
375	0	NR	505	308	NR	635	681	NR	765	19	NR	895	0	NR
380	0	NR	510	392	NR	640	623	NR	770	16	NR	900	0	NR
385	0	NR	515	474	NR	645	563	NR	775	14	NR	905	0	NR
390	0	NR	520	545	NR	650	506	NR	780	12	NR	910	0	NR
395	1	NR	525	603	NR	655	451	NR	785	10	NR	915	0	NR
400	3	NR	530	649	NR	660	399	NR	790	9	NR	920	0	NR
405	5	NR	535	687	NR	665	352	NR	795	8	NR	925	0	NR
410	11	NR	540	721	NR	670	307	NR	800	6	NR	930	0	NR
415	21	NR	545	751	NR	675	268	NR	805	6	NR	935	0	NR
420	43	NR	550	779	NR	680	234	NR	810	5	NR	940	0	NR
425	88	NR	555	811	NR	685	203	NR	815	4	NR	945	0	NR
430	163	NR	560	843	NR	690	176	NR	820	4	NR	950	0	NR
435	288	NR	565	873	NR	695	152	NR	825	3	NR	955	0	NR
440	416	NR	570	907	NR	700	131	NR	830	3	NR	960	0	NR
445	566	NR	575	938	NR	705	112	NR	835	3	NR	965	0	NR
450	810	NR	580	965	NR	710	96	NR	840	2	NR	970	0	NR
455	669	NR	585	986	NR	715	81	NR	845	2	NR	975	0	NR
460	338	NR	590	997	NR	720	69	NR	850	2	NR	980	0	NR
465	246	NR	595	997	NR	725	58	NR	855	1	NR	985	0	NR
470	182	NR	600	991	NR	730	49	NR	860	1	NR	990	0	NR
475	115	NR	605	968	NR	735	42	NR	865	1	NR	995	0	NR
480	97	NR	610	939	NR	740	37	NR	870	1	NR	1000	0	NR
485	103	NR	615	896	NR	745	32	NR	875	1	NR			

REPORT NUMBER: SP1-2411-284-1

Scotopic Flux vs. Wavelength



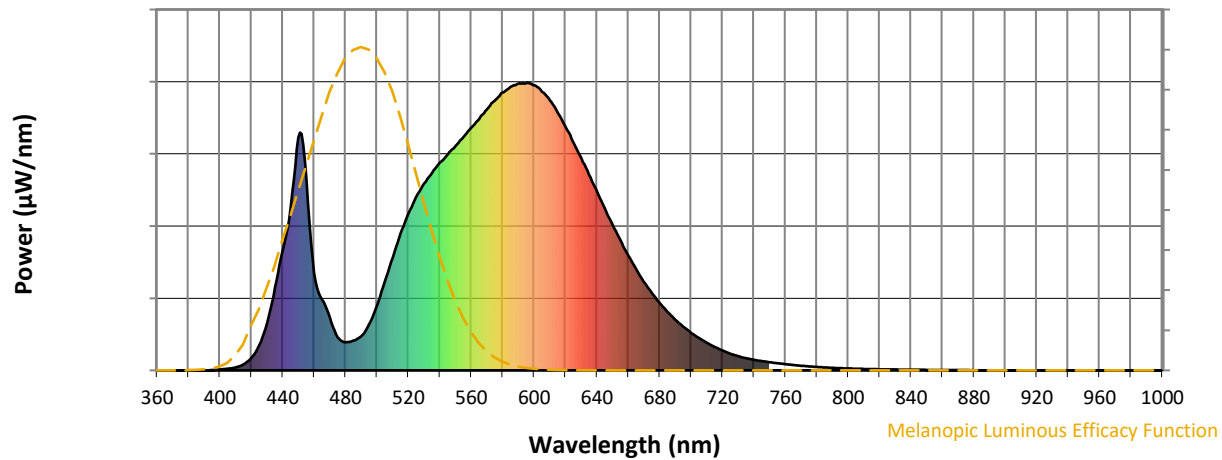
Scotopic Lumens: NR

S/P: 1.33

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	846	NR	750	28	NR	880	1	NR
365	0	NR	495	160	NR	625	793	NR	755	25	NR	885	0	NR
370	0	NR	500	225	NR	630	739	NR	760	22	NR	890	0	NR
375	0	NR	505	308	NR	635	681	NR	765	19	NR	895	0	NR
380	0	NR	510	392	NR	640	623	NR	770	16	NR	900	0	NR
385	0	NR	515	474	NR	645	563	NR	775	14	NR	905	0	NR
390	0	NR	520	545	NR	650	506	NR	780	12	NR	910	0	NR
395	1	NR	525	603	NR	655	451	NR	785	10	NR	915	0	NR
400	3	NR	530	649	NR	660	399	NR	790	9	NR	920	0	NR
405	5	NR	535	687	NR	665	352	NR	795	8	NR	925	0	NR
410	11	NR	540	721	NR	670	307	NR	800	6	NR	930	0	NR
415	21	NR	545	751	NR	675	268	NR	805	6	NR	935	0	NR
420	43	NR	550	779	NR	680	234	NR	810	5	NR	940	0	NR
425	88	NR	555	811	NR	685	203	NR	815	4	NR	945	0	NR
430	163	NR	560	843	NR	690	176	NR	820	4	NR	950	0	NR
435	288	NR	565	873	NR	695	152	NR	825	3	NR	955	0	NR
440	416	NR	570	907	NR	700	131	NR	830	3	NR	960	0	NR
445	566	NR	575	938	NR	705	112	NR	835	3	NR	965	0	NR
450	810	NR	580	965	NR	710	96	NR	840	2	NR	970	0	NR
455	669	NR	585	986	NR	715	81	NR	845	2	NR	975	0	NR
460	338	NR	590	997	NR	720	69	NR	850	2	NR	980	0	NR
465	246	NR	595	997	NR	725	58	NR	855	1	NR	985	0	NR
470	182	NR	600	991	NR	730	49	NR	860	1	NR	990	0	NR
475	115	NR	605	968	NR	735	42	NR	865	1	NR	995	0	NR
480	97	NR	610	939	NR	740	37	NR	870	1	NR	1000	0	NR
485	103	NR	615	896	NR	745	32	NR	875	1	NR			

REPORT NUMBER: SP1-2411-284-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.47

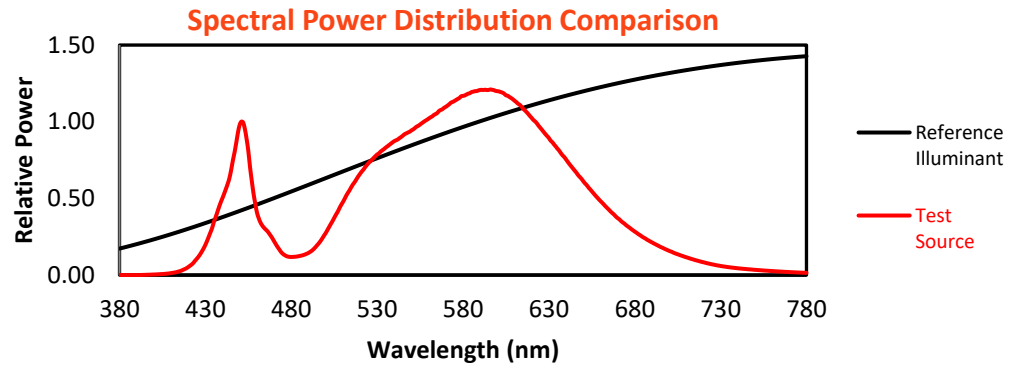
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	846	NR	750	28	NR	880	1	NR
365	0	NR	495	160	NR	625	793	NR	755	25	NR	885	0	NR
370	0	NR	500	225	NR	630	739	NR	760	22	NR	890	0	NR
375	0	NR	505	308	NR	635	681	NR	765	19	NR	895	0	NR
380	0	NR	510	392	NR	640	623	NR	770	16	NR	900	0	NR
385	0	NR	515	474	NR	645	563	NR	775	14	NR	905	0	NR
390	0	NR	520	545	NR	650	506	NR	780	12	NR	910	0	NR
395	1	NR	525	603	NR	655	451	NR	785	10	NR	915	0	NR
400	3	NR	530	649	NR	660	399	NR	790	9	NR	920	0	NR
405	5	NR	535	687	NR	665	352	NR	795	8	NR	925	0	NR
410	11	NR	540	721	NR	670	307	NR	800	6	NR	930	0	NR
415	21	NR	545	751	NR	675	268	NR	805	6	NR	935	0	NR
420	43	NR	550	779	NR	680	234	NR	810	5	NR	940	0	NR
425	88	NR	555	811	NR	685	203	NR	815	4	NR	945	0	NR
430	163	NR	560	843	NR	690	176	NR	820	4	NR	950	0	NR
435	288	NR	565	873	NR	695	152	NR	825	3	NR	955	0	NR
440	416	NR	570	907	NR	700	131	NR	830	3	NR	960	0	NR
445	566	NR	575	938	NR	705	112	NR	835	3	NR	965	0	NR
450	810	NR	580	965	NR	710	96	NR	840	2	NR	970	0	NR
455	669	NR	585	986	NR	715	81	NR	845	2	NR	975	0	NR
460	338	NR	590	997	NR	720	69	NR	850	2	NR	980	0	NR
465	246	NR	595	997	NR	725	58	NR	855	1	NR	985	0	NR
470	182	NR	600	991	NR	730	49	NR	860	1	NR	990	0	NR
475	115	NR	605	968	NR	735	42	NR	865	1	NR	995	0	NR
480	97	NR	610	939	NR	740	37	NR	870	1	NR	1000	0	NR
485	103	NR	615	896	NR	745	32	NR	875	1	NR			

REPORT NUMBER: SP1-2411-284-1

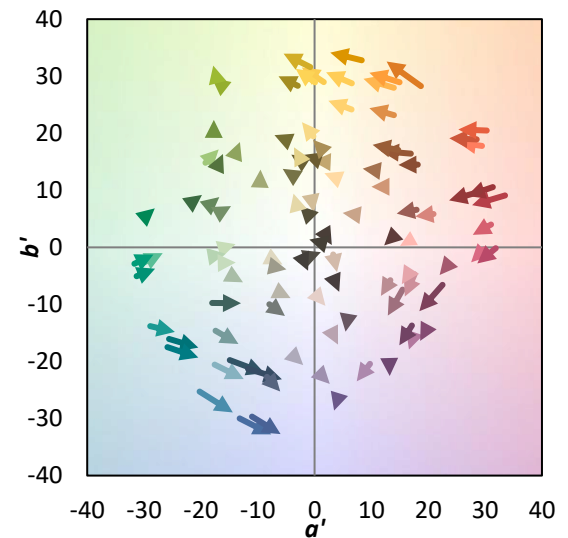
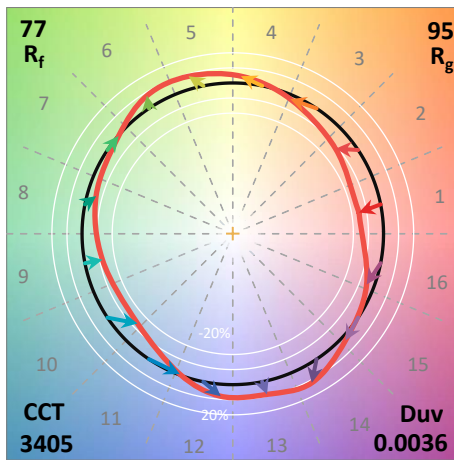
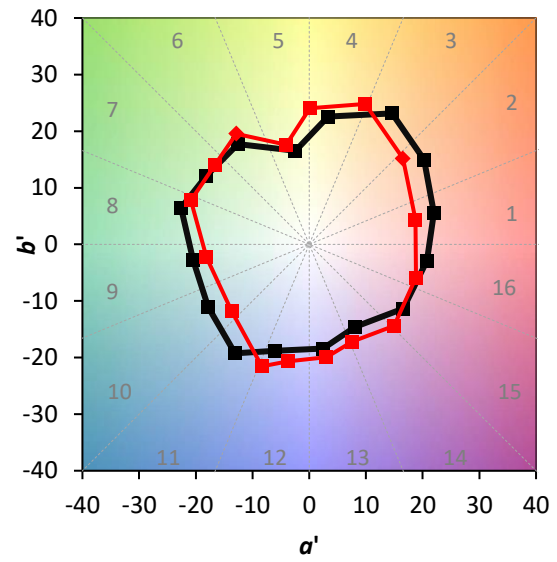
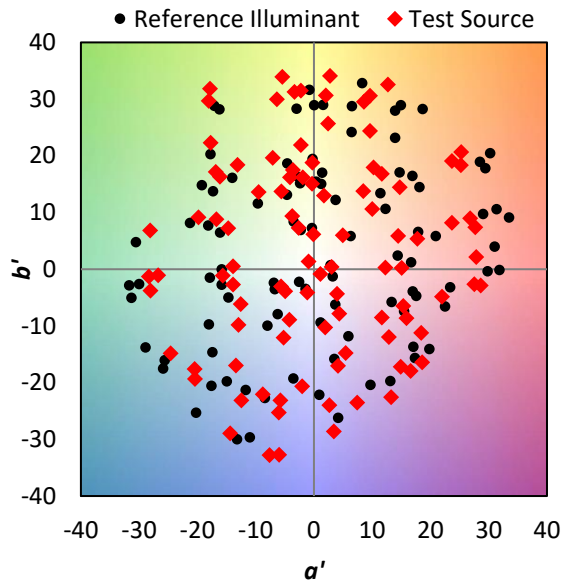
TM-30-18

Summary

$R_f = 76.6$
 $R_g = 95.4$
 $CIE R_a = 73.9$
 $R_g = -18.0$

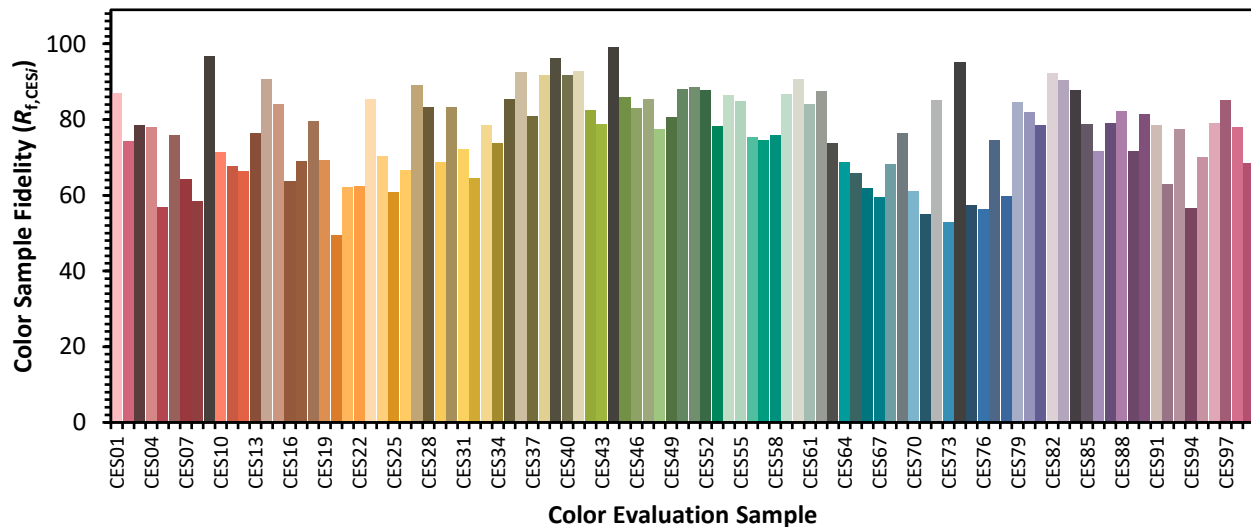


Color Vector Graphics

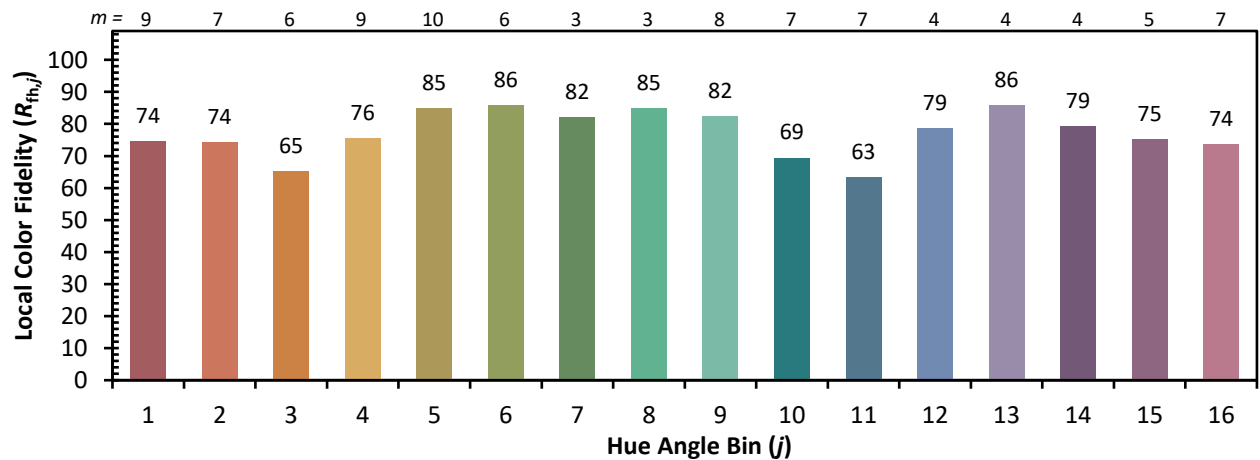
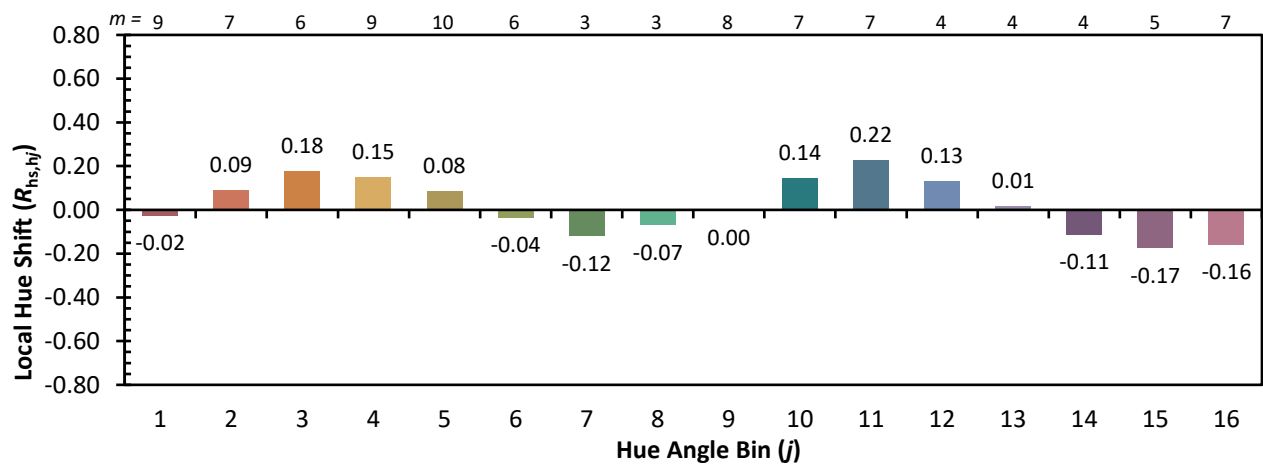
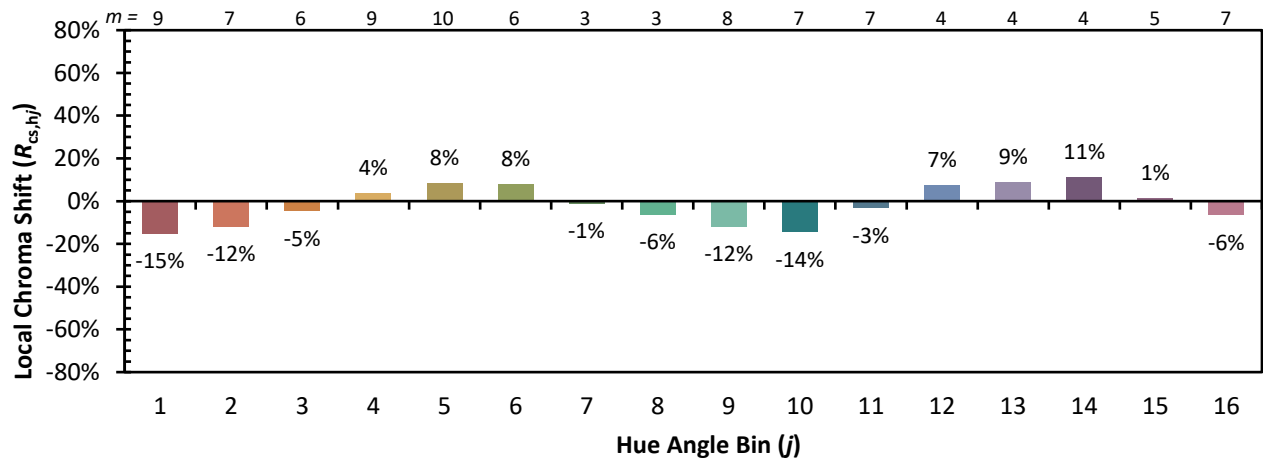


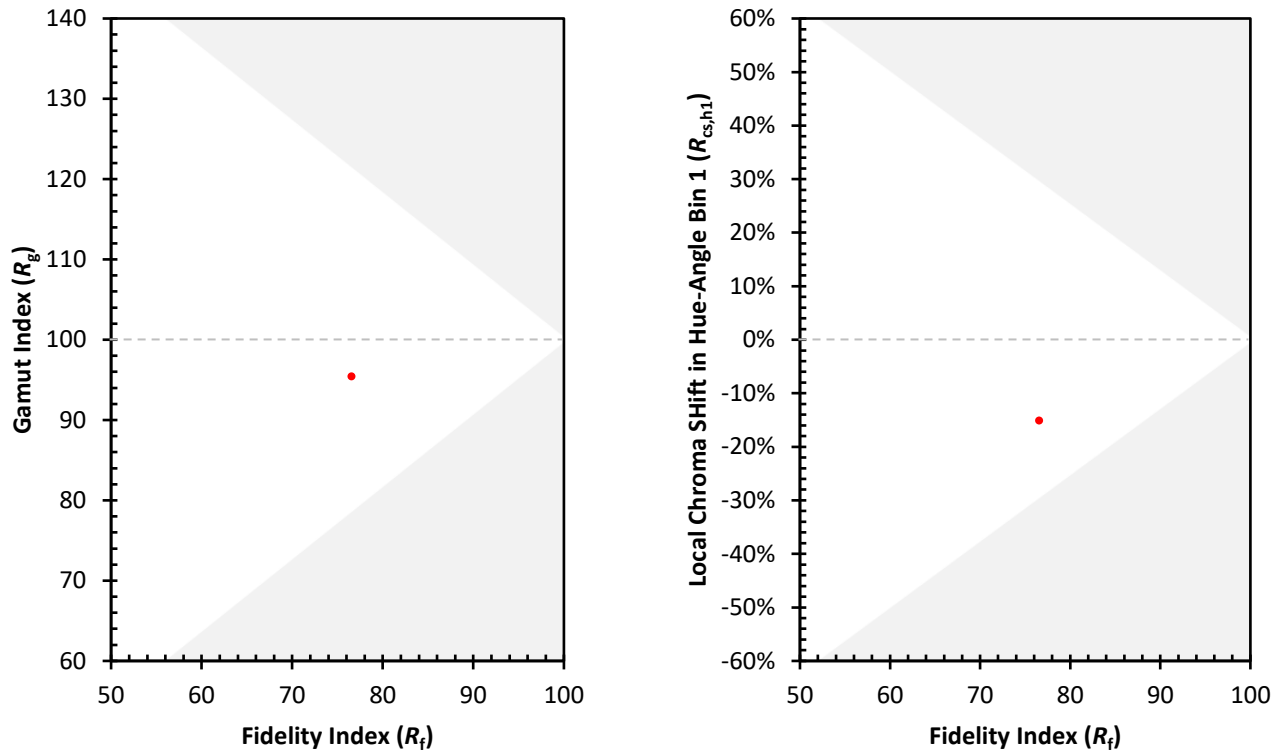
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 67	CES51 = 88	CES76 = 56
CES02 = 62	CES27 = 89	CES52 = 88	CES77 = 75
CES03 = 31	CES28 = 83	CES53 = 78	CES78 = 60
CES04 = 70	CES29 = 69	CES54 = 86	CES79 = 85
CES05 = 48	CES30 = 83	CES55 = 85	CES80 = 82
CES06 = 51	CES31 = 72	CES56 = 75	CES81 = 78
CES07 = 41	CES32 = 65	CES57 = 75	CES82 = 92
CES08 = 40	CES33 = 78	CES58 = 76	CES83 = 90
CES09 = 29	CES34 = 74	CES59 = 87	CES84 = 88
CES10 = 75	CES35 = 86	CES60 = 91	CES85 = 79
CES11 = 58	CES36 = 93	CES61 = 84	CES86 = 72
CES12 = 64	CES37 = 81	CES62 = 88	CES87 = 79
CES13 = 43	CES38 = 92	CES63 = 74	CES88 = 82
CES14 = 74	CES39 = 96	CES64 = 69	CES89 = 72
CES15 = 71	CES40 = 92	CES65 = 66	CES90 = 82
CES16 = 47	CES41 = 93	CES66 = 62	CES91 = 79
CES17 = 50	CES42 = 83	CES67 = 60	CES92 = 63
CES18 = 56	CES43 = 79	CES68 = 68	CES93 = 77
CES19 = 72	CES44 = 99	CES69 = 76	CES94 = 56
CES20 = 65	CES45 = 86	CES70 = 61	CES95 = 70
CES21 = 86	CES46 = 83	CES71 = 55	CES96 = 79
CES22 = 79	CES47 = 85	CES72 = 85	CES97 = 85
CES23 = 92	CES48 = 78	CES73 = 53	CES98 = 78
CES24 = 91	CES49 = 81	CES74 = 95	CES99 = 68
CES25 = 72	CES50 = 88	CES75 = 57	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)