

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: P1445211

Luminaire Tested: TPTN-VA2-735-U-RW-CG-GM

Issue Date: 05/21/2026

Test Information

Test Method: LM-79-2024
Report Number: P1445211
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: TPTN-VA2-735-U-RW-CG-GM
Description: TOPTIER NANO SPIDER MOUNT VISUAL COMFORT LED LUMINAIRE 42W 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: 3780.4 lumens
Efficiency: N/A
Efficacy: 89.8 lumens/watt
Luminous Opening: Circular (Dia: 0.71' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U0 - G2

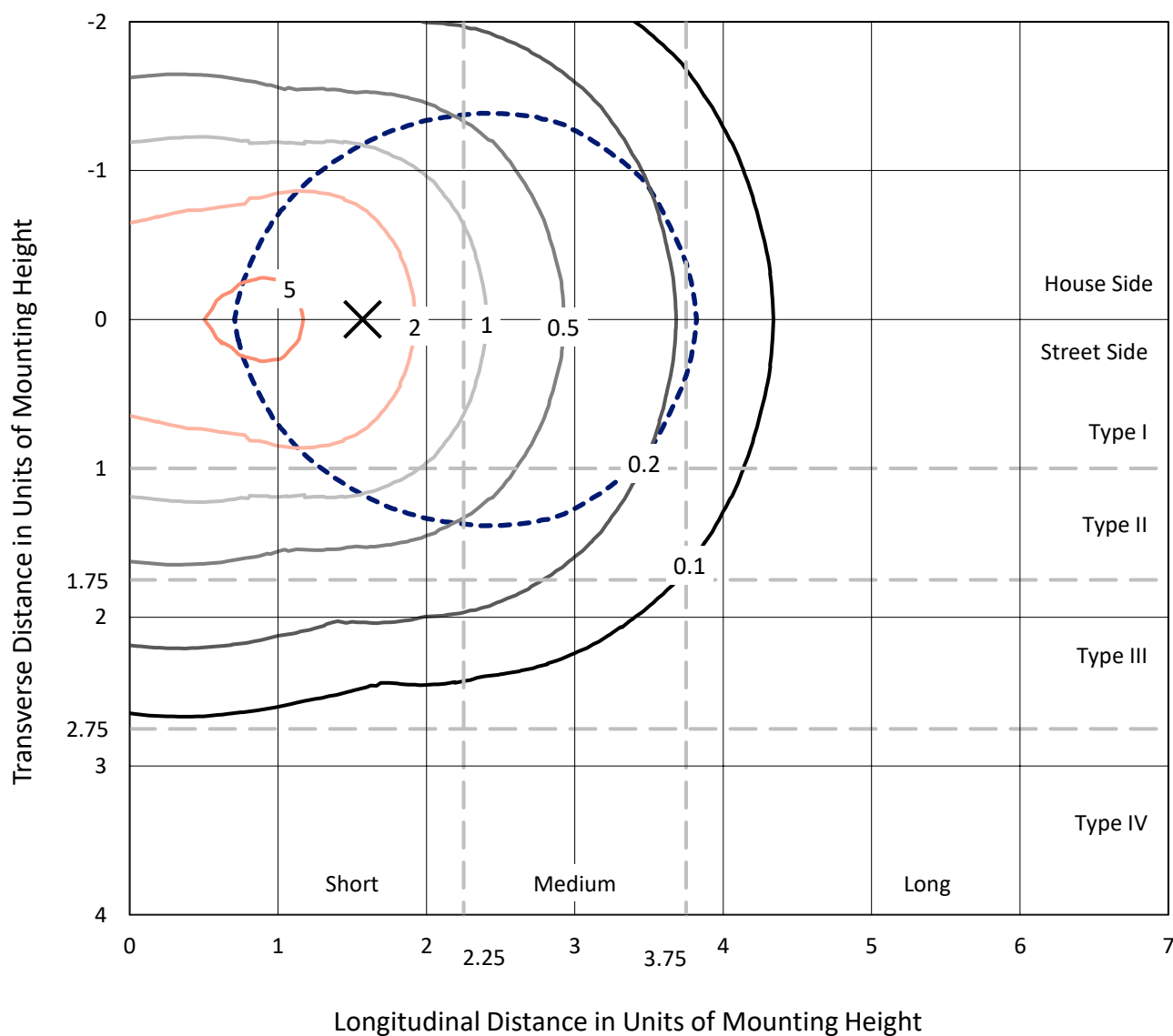
Input Watts (W): 42.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.98
Total Harmonic Distortion (THDi): 7.5%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1445211

CATALOG NUMBER: TPTN-VA2-735-U-RW-CG-GM

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

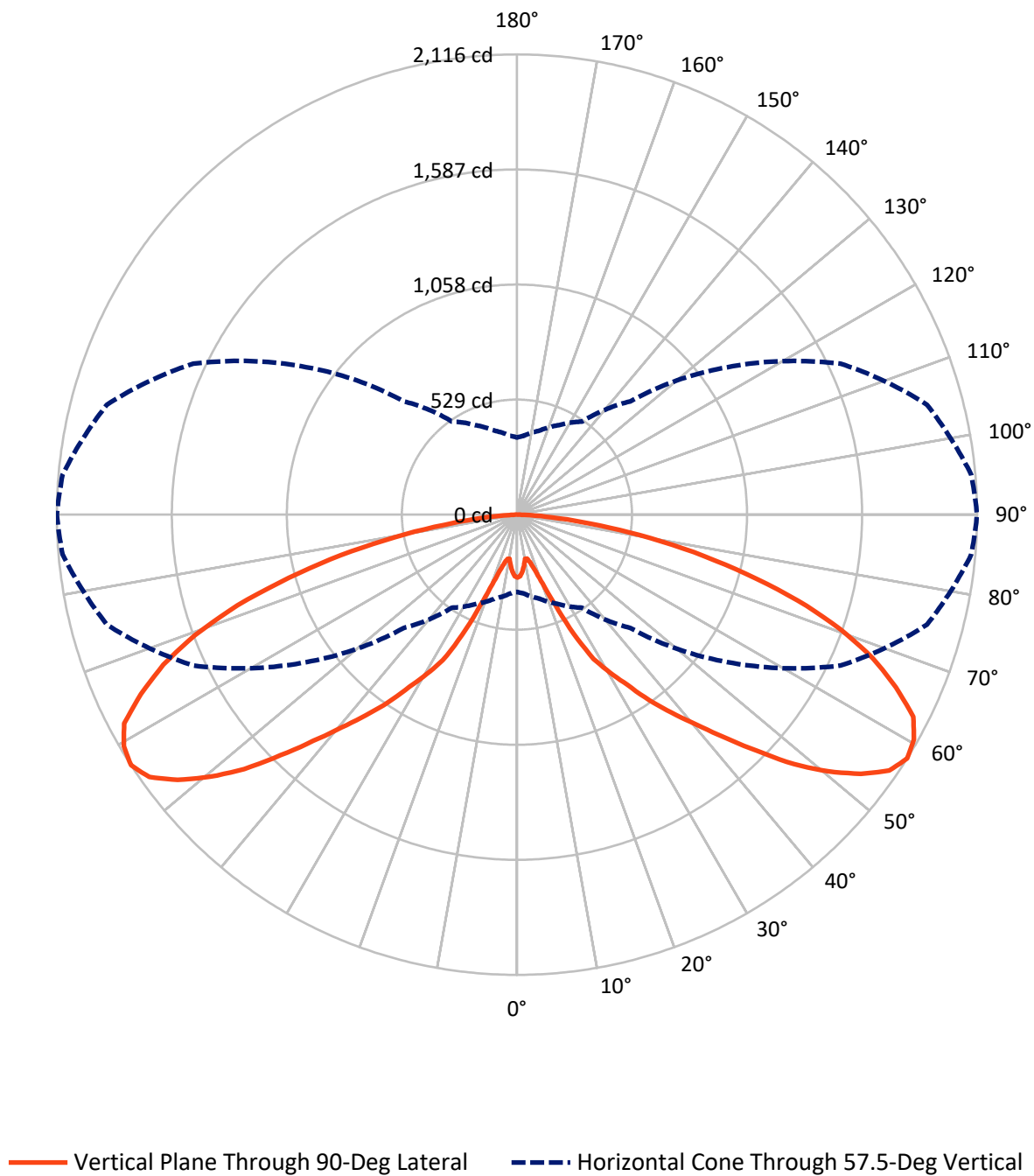


Based on 10 foot mounting height. Maximum calculated value = 5.8 fc
 Type II - Short - N/A

REPORT NUMBER: P1445211

CATALOG NUMBER: TPTN-VA2-735-U-RW-CG-GM

Luminous Intensity Polar Plot



REPORT NUMBER: P1445211

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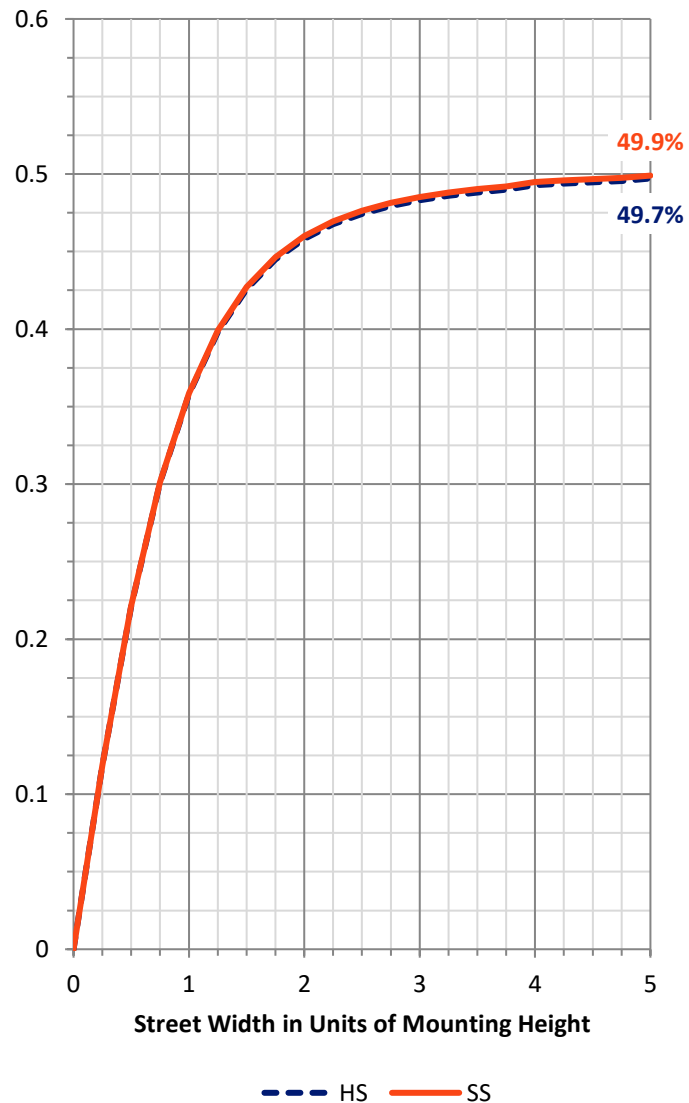
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1890.2	0.0	1890.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1890.2	0.0	1890.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	3780.4	0.0	3780.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.7	0.7
10°-20°	78.5	2.1
20°-30°	191.6	5.1
30°-40°	378.4	10.0
40°-50°	641.6	17.0
50°-60°	910.2	24.1
60°-70°	905.1	23.9
70°-80°	543.1	14.4
80°-90°	106.2	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°	3780.4	100.0
0°-180°	3780.4	100.0

Coefficient of Utilization



REPORT NUMBER: P1445211

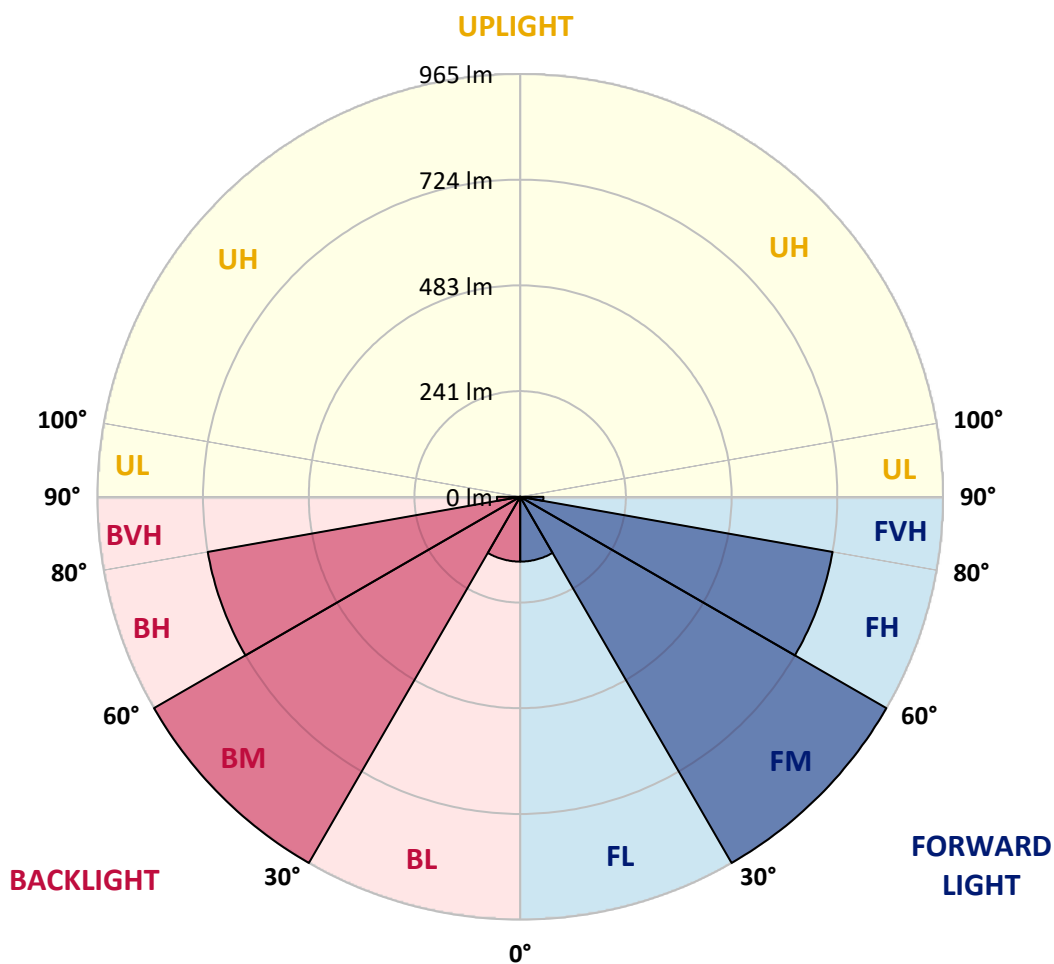
CATALOG NUMBER: TPTN-VA2-735-U-RW-CG-GM

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	147.9	3.9			
FM	(30°-60°)	965.1	25.5			
FH	(60°-80°)	724.1	19.2			G1/1800
FVH	(80°-90°)	53.1	1.4			G1/100
BL	(0°-30°)	147.9	3.9	B1/500		
BM	(30°-60°)	965.1	25.5	B1/1000		
BH	(60°-80°)	724.1	19.2	B2/1000		G2/1000
BVH	(80°-90°)	53.1	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: P1445211

CATALOG NUMBER: TPTN-VA2-735-U-RW-CG-GM

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7
2.5°	290.4	290.4	290.4	290.4	290.4	289.7	289.7	289.7	289.7	289.7	289.7
5°	291.1	291.1	290.4	290.4	289.7	289.7	289.0	288.3	288.3	287.6	286.9
7.5°	287.6	287.6	287.6	287.6	286.9	286.9	286.2	285.5	284.7	284.0	283.3
10°	285.5	285.5	285.5	285.5	285.5	284.7	284.7	284.0	283.3	281.9	281.2
12.5°	286.2	286.9	286.9	287.6	287.6	288.3	288.3	287.6	287.6	286.9	286.2
15°	291.8	292.5	292.5	293.2	293.9	294.6	295.3	295.3	295.3	294.6	294.6
17.5°	297.5	298.9	299.6	301.0	301.7	303.1	303.8	303.8	303.8	303.1	303.1
20°	304.5	305.9	306.6	308.8	310.2	312.3	313.7	313.7	313.0	313.0	312.3
22.5°	310.9	312.3	313.7	315.8	318.7	320.8	322.9	322.9	323.6	323.6	323.6
25°	318.0	320.1	321.5	324.3	327.1	329.3	332.1	333.5	335.6	337.0	338.4
27.5°	325.0	327.1	329.3	332.1	334.9	337.7	340.6	344.1	346.9	350.5	353.3
30°	331.4	333.5	335.6	339.2	342.0	345.5	348.3	353.3	358.2	363.2	368.1
32.5°	337.0	339.9	342.7	346.2	349.7	353.3	356.8	363.2	370.2	376.6	383.0
35°	343.4	346.2	349.0	353.3	357.5	361.1	365.3	373.8	381.5	390.0	397.8
37.5°	349.0	352.6	355.4	360.3	365.3	369.5	374.5	383.7	393.6	402.7	411.9
40°	355.4	358.9	362.5	368.1	373.8	378.7	384.4	395.0	405.6	416.2	426.8
42.5°	361.1	364.6	368.1	374.5	381.5	387.9	394.3	405.6	416.9	427.5	438.8
45°	367.4	370.9	374.5	381.5	388.6	395.7	402.7	415.5	427.5	440.2	452.2
47.5°	373.1	376.6	380.1	387.9	395.7	403.4	411.2	424.6	438.1	450.8	464.2
50°	373.8	378.0	381.5	390.0	398.5	406.3	414.8	428.9	443.0	456.4	470.6
52.5°	373.8	378.0	381.5	390.0	399.2	407.7	416.2	431.0	445.1	460.0	474.1
55°	368.1	372.4	375.9	385.1	394.3	402.7	411.9	426.8	440.9	455.7	469.9
57.5°	354.7	359.6	363.9	373.1	382.3	390.7	399.9	413.3	426.8	440.2	453.6
60°	336.3	341.3	346.2	354.7	363.2	370.9	379.4	392.1	404.9	416.9	429.6
62.5°	314.4	319.4	323.6	331.4	339.2	346.9	354.7	365.3	376.6	387.2	397.8
65°	283.3	289.0	294.6	301.7	309.5	316.5	323.6	333.5	343.4	353.3	363.2
67.5°	250.1	255.8	260.7	267.1	273.4	279.1	285.5	294.6	303.8	313.0	322.2
70°	216.2	221.2	225.4	230.3	236.0	240.9	245.9	253.7	261.4	268.5	276.3
72.5°	174.5	179.5	184.4	189.4	194.3	199.3	204.2	210.6	216.2	222.6	228.2
75°	136.4	140.6	144.8	149.1	154.0	158.3	162.5	166.7	171.7	175.9	180.2
77.5°	96.8	101.7	106.0	109.5	113.8	117.3	120.8	123.6	126.5	129.3	132.1
80°	61.5	65.0	68.5	72.1	75.6	78.4	82.0	83.4	85.5	86.9	88.3
82.5°	31.1	34.6	38.2	41.0	44.5	47.3	50.2	50.9	52.3	53.0	53.7
85°	9.9	14.1	18.4	20.5	23.3	25.4	27.6	28.3	28.3	29.0	29.0
87.5°	1.4	4.9	8.5	10.6	13.4	15.5	17.7	17.7	17.7	17.7	17.7
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: P1445211

CATALOG NUMBER: TPTN-VA2-735-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: P1445211

CATALOG NUMBER: TPTN-VA2-735-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°	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7
2.5°	289.7	289.0	289.0	288.3	288.3	287.6	287.6	286.9	286.9	286.9	286.2
5°	286.2	285.5	284.0	283.3	282.6	281.9	280.5	279.8	278.4	277.0	275.6
7.5°	281.9	280.5	279.1	277.7	275.6	272.7	270.6	267.8	265.0	262.8	260.0
10°	279.1	277.7	275.6	273.4	269.9	266.4	262.8	259.3	255.1	251.5	247.3
12.5°	284.0	281.9	279.1	277.0	273.4	269.2	265.7	261.4	257.2	253.0	248.7
15°	292.5	289.7	287.6	284.7	281.2	277.7	274.1	270.6	267.8	265.0	261.4
17.5°	301.0	299.6	297.5	295.3	293.2	291.8	289.7	287.6	286.2	284.0	282.6
20°	312.3	311.6	311.6	310.9	310.9	310.9	310.9	310.9	310.2	310.2	309.5
22.5°	325.7	327.1	329.3	330.7	332.8	334.9	336.3	338.4	340.6	342.7	344.1
25°	342.7	346.2	350.5	354.0	356.8	360.3	363.2	366.0	371.7	378.0	383.7
27.5°	358.9	365.3	370.9	376.6	380.8	385.1	389.3	393.6	404.2	414.8	425.4
30°	375.2	383.0	390.0	397.1	402.7	408.4	414.0	419.7	436.7	452.9	469.9
32.5°	391.4	399.2	407.7	415.5	423.9	433.1	441.6	450.1	472.7	495.3	517.2
35°	407.0	415.5	424.6	433.1	445.1	457.9	469.9	481.9	509.4	537.0	564.5
37.5°	421.8	432.4	442.3	452.2	467.7	483.3	498.1	513.7	546.9	580.1	612.6
40°	438.1	449.4	460.0	471.3	489.6	507.3	525.7	543.3	585.7	628.1	669.8
42.5°	451.5	464.2	476.9	489.6	511.6	532.8	554.7	575.9	628.8	682.5	735.5
45°	466.3	480.5	494.6	508.7	534.9	561.0	586.4	612.6	677.6	741.9	806.9
47.5°	479.8	494.6	510.1	525.0	557.5	589.3	621.8	653.6	729.9	806.9	883.2
50°	486.1	502.4	517.9	533.5	571.6	609.1	647.2	684.7	773.0	861.3	949.6
52.5°	491.1	507.3	524.3	540.5	583.6	626.7	669.8	712.9	809.7	905.8	1002.6
55°	487.5	504.5	522.2	539.1	587.9	636.6	685.4	734.1	839.4	944.0	1049.2
57.5°	470.6	488.2	505.2	522.2	575.9	629.5	682.5	736.2	847.9	958.8	1070.4
60°	446.5	464.2	481.2	498.1	554.7	611.9	668.4	724.9	836.6	948.9	1060.6
62.5°	416.2	434.5	452.2	470.6	530.6	590.0	650.0	709.4	818.9	928.4	1037.9
65°	380.1	396.4	413.3	429.6	489.6	550.4	610.5	670.5	776.5	881.8	987.8
67.5°	337.7	353.3	368.1	383.7	441.6	499.5	557.5	615.4	712.9	809.7	907.2
70°	291.1	306.6	321.5	336.3	390.0	443.7	497.4	551.1	635.9	720.7	805.5
72.5°	242.4	256.5	269.9	284.0	332.8	380.8	429.6	477.6	549.7	621.8	693.8
75°	192.2	203.5	215.5	226.8	267.1	307.4	347.6	387.9	448.0	508.0	567.4
77.5°	141.3	150.5	159.7	168.9	200.0	230.3	261.4	291.8	338.4	385.1	431.7
80°	95.4	102.5	109.5	116.6	137.1	157.6	177.3	197.8	228.9	259.3	290.4
82.5°	57.9	62.2	66.4	70.7	83.4	95.4	108.1	120.1	138.5	157.6	175.9
85°	31.1	32.5	34.6	36.0	41.7	46.6	52.3	57.2	65.0	73.5	81.3
87.5°	17.7	17.7	17.7	17.7	17.7	18.4	18.4	18.4	19.8	20.5	21.9
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: P1445211

CATALOG NUMBER: TPTN-VA2-735-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: P1445211

CATALOG NUMBER: TPTN-VA2-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7
2.5°	286.2	286.2	285.5	285.5	284.7	284.7	284.7	284.0	284.0	284.0	284.0
5°	274.1	272.7	272.0	270.6	269.2	268.5	267.8	267.1	266.4	265.7	265.0
7.5°	257.2	255.1	252.2	250.1	247.3	245.2	243.8	241.6	239.5	238.1	237.4
10°	243.1	239.5	236.0	231.8	228.2	225.4	221.9	219.0	215.5	214.1	212.0
12.5°	244.5	240.9	237.4	233.2	229.6	226.8	224.0	220.4	217.6	215.5	213.4
15°	258.6	255.8	252.2	249.4	245.9	243.8	241.6	238.8	236.7	235.3	233.9
17.5°	280.5	279.1	277.0	275.6	273.4	272.7	271.3	270.6	269.2	269.2	269.2
20°	308.8	310.2	310.9	312.3	313.0	315.8	318.7	321.5	324.3	327.1	330.7
22.5°	346.2	351.9	358.2	363.9	369.5	378.7	387.9	396.4	405.6	414.8	423.9
25°	389.3	403.4	416.9	431.0	444.4	464.9	485.4	505.9	526.4	543.3	560.3
27.5°	436.0	458.6	481.9	504.5	527.1	557.5	588.6	619.0	649.3	671.2	692.4
30°	486.1	515.8	546.2	575.9	605.5	640.1	674.8	709.4	744.0	765.9	787.8
32.5°	539.8	575.1	610.5	645.8	681.1	719.3	758.1	796.3	834.5	857.8	881.8
35°	592.1	635.9	679.7	723.5	767.3	811.8	856.4	900.9	945.4	968.0	990.6
37.5°	645.8	700.9	755.3	810.4	864.8	913.6	962.3	1011.1	1059.8	1081.0	1102.2
40°	712.2	775.8	840.1	903.7	967.3	1018.9	1070.4	1121.3	1172.9	1194.8	1216.7
42.5°	788.5	862.0	934.8	1008.3	1081.0	1137.6	1193.4	1249.9	1305.7	1326.9	1348.8
45°	871.2	956.7	1041.5	1127.0	1211.8	1271.1	1329.8	1389.1	1447.8	1469.7	1490.9
47.5°	959.5	1052.1	1144.6	1237.2	1329.8	1395.5	1461.2	1526.9	1592.6	1620.9	1648.4
50°	1037.9	1140.4	1243.6	1346.0	1448.5	1519.1	1589.8	1659.7	1730.4	1758.6	1786.9
52.5°	1098.7	1213.9	1329.0	1444.2	1559.4	1630.0	1700.7	1771.4	1842.0	1873.1	1904.9
55°	1153.8	1269.0	1384.2	1499.3	1614.5	1690.8	1766.4	1842.7	1918.3	1952.9	1986.9
57.5°	1181.4	1296.5	1411.7	1526.2	1641.4	1719.1	1796.8	1874.5	1952.2	1988.3	2025.0
60°	1172.2	1289.5	1406.8	1524.1	1641.4	1714.1	1787.6	1860.4	1933.2	1969.9	2005.9
62.5°	1147.5	1257.0	1367.2	1476.7	1586.2	1660.4	1735.3	1809.5	1883.7	1919.0	1955.1
65°	1093.1	1196.2	1299.4	1401.8	1505.0	1576.3	1647.0	1718.4	1789.0	1815.9	1842.7
67.5°	1004.0	1102.2	1199.7	1298.0	1395.5	1452.0	1507.8	1564.3	1620.2	1649.8	1679.5
70°	890.3	977.2	1064.8	1151.7	1238.6	1288.8	1339.6	1389.8	1440.0	1471.8	1503.6
72.5°	765.9	837.3	908.6	979.3	1050.7	1098.7	1146.8	1194.8	1242.8	1266.2	1290.2
75°	627.4	684.0	740.5	796.3	852.8	890.3	927.7	964.5	1001.9	1020.3	1037.9
77.5°	478.3	520.7	563.1	604.8	647.2	674.1	700.9	727.1	753.9	770.9	787.8
80°	320.8	351.2	381.5	411.2	441.6	463.5	484.7	506.6	527.8	537.0	545.5
82.5°	194.3	211.3	228.2	245.2	262.1	276.3	289.7	303.8	317.2	321.5	326.4
85°	89.0	96.8	104.6	111.6	119.4	126.5	133.5	139.9	147.0	149.1	151.9
87.5°	22.6	23.3	24.7	25.4	26.1	27.6	28.3	29.7	30.4	31.8	32.5
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: P1445211

CATALOG NUMBER: TPTN-VA2-735-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: P1445211

CATALOG NUMBER: TPTN-VA2-735-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°	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7
2.5°	283.3	283.3	283.3	283.3	283.3	283.3	283.3	284.0	284.0	284.0	284.0
5°	264.3	263.5	263.5	262.8	263.5	263.5	264.3	265.0	265.7	266.4	267.1
7.5°	236.0	234.6	234.6	234.6	234.6	234.6	236.0	237.4	238.1	239.5	241.6
10°	210.6	208.4	207.7	206.3	207.7	208.4	210.6	212.0	214.1	215.5	219.0
12.5°	211.3	209.1	208.4	207.7	208.4	209.1	211.3	213.4	215.5	217.6	220.4
15°	231.8	230.3	229.6	228.2	229.6	230.3	231.8	233.9	235.3	236.7	238.8
17.5°	268.5	268.5	268.5	268.5	268.5	268.5	268.5	269.2	269.2	269.2	270.6
20°	333.5	336.3	337.0	337.7	337.0	336.3	333.5	330.7	327.1	324.3	321.5
22.5°	433.1	442.3	445.8	449.4	445.8	442.3	433.1	423.9	414.8	405.6	396.4
25°	576.6	593.5	600.6	607.6	600.6	593.5	576.6	560.3	543.3	526.4	505.9
27.5°	714.3	735.5	743.3	751.1	743.3	735.5	713.6	692.4	671.2	649.3	619.0
30°	809.0	830.9	836.6	841.5	836.6	830.9	809.0	787.1	765.9	744.0	709.4
32.5°	905.1	928.4	930.5	932.7	930.5	928.4	905.1	881.1	857.8	834.5	796.3
35°	1012.5	1035.1	1041.5	1047.8	1041.5	1035.1	1012.5	989.9	968.0	945.4	900.9
37.5°	1123.4	1144.6	1149.6	1154.5	1149.6	1144.6	1123.4	1102.2	1081.0	1059.8	1011.1
40°	1238.6	1260.5	1264.0	1266.9	1264.0	1260.5	1238.6	1216.7	1194.8	1172.9	1121.3
42.5°	1370.0	1391.2	1395.5	1399.7	1395.5	1391.2	1370.0	1348.1	1326.9	1305.7	1249.9
45°	1512.8	1534.0	1541.7	1549.5	1541.7	1534.0	1512.0	1490.9	1469.7	1447.8	1389.1
47.5°	1676.7	1704.2	1709.2	1714.1	1709.2	1704.2	1676.0	1648.4	1620.9	1592.6	1526.9
50°	1814.5	1842.7	1849.1	1855.4	1849.1	1842.7	1814.5	1786.2	1758.6	1730.4	1659.7
52.5°	1936.0	1967.1	1973.4	1979.8	1973.4	1967.1	1936.0	1904.2	1873.1	1842.0	1771.4
55°	2021.5	2055.4	2066.0	2076.6	2066.0	2055.4	2020.8	1986.9	1952.9	1918.3	1842.7
57.5°	2061.1	2097.1	2106.3	2115.5	2106.3	2097.1	2061.1	2024.3	1988.3	1952.2	1874.5
60°	2042.7	2078.7	2087.9	2097.1	2087.9	2078.7	2042.0	2005.9	1969.9	1933.2	1860.4
62.5°	1990.4	2025.7	2035.6	2044.8	2034.9	2025.7	1990.4	1954.4	1919.0	1883.7	1809.5
65°	1868.9	1895.7	1905.6	1914.8	1904.9	1895.7	1868.9	1842.0	1815.9	1789.0	1718.4
67.5°	1708.5	1738.2	1752.3	1765.7	1751.6	1738.2	1708.5	1678.8	1649.8	1620.2	1564.3
70°	1534.7	1566.5	1572.8	1578.5	1572.8	1566.5	1534.7	1502.9	1471.8	1440.0	1389.8
72.5°	1313.5	1336.8	1343.9	1350.2	1343.9	1336.8	1313.5	1289.5	1266.2	1242.8	1194.8
75°	1056.3	1074.0	1081.8	1088.8	1081.8	1074.0	1056.3	1037.9	1020.3	1001.9	964.5
77.5°	804.1	821.0	826.0	830.9	826.0	821.0	804.1	787.8	770.9	753.9	727.1
80°	554.7	563.1	567.4	570.9	567.4	563.1	554.7	545.5	537.0	527.8	506.6
82.5°	330.7	334.9	336.3	337.0	336.3	334.9	330.7	326.4	321.5	317.2	303.8
85°	154.0	156.2	158.3	160.4	158.3	156.2	154.0	151.9	149.1	147.0	139.9
87.5°	33.9	34.6	34.6	34.6	34.6	34.6	33.9	32.5	31.8	30.4	29.7
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: P1445211

CATALOG NUMBER: TPTN-VA2-735-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: P1445211

CATALOG NUMBER: TPTN-VA2-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7
2.5°	284.7	284.7	284.7	285.5	285.5	286.2	286.2	286.2	286.9	286.9	286.9
5°	267.8	268.5	269.2	270.6	272.0	272.7	274.1	275.6	277.0	278.4	279.8
7.5°	243.8	245.2	247.3	250.1	252.2	255.1	257.2	260.0	262.8	265.0	267.8
10°	221.9	225.4	228.2	231.8	236.0	239.5	243.1	247.3	251.5	255.1	259.3
12.5°	224.0	226.8	229.6	233.2	237.4	240.9	244.5	248.7	253.0	257.2	261.4
15°	241.6	243.8	245.9	249.4	252.2	255.8	258.6	261.4	265.0	267.8	270.6
17.5°	271.3	272.7	273.4	275.6	277.0	279.1	280.5	282.6	284.0	286.2	287.6
20°	318.7	315.8	313.0	312.3	310.9	310.2	308.8	309.5	310.2	310.2	310.9
22.5°	387.9	378.7	369.5	363.9	357.5	351.9	346.2	344.1	342.7	340.6	338.4
25°	485.4	464.9	444.4	430.3	416.9	402.7	389.3	383.7	378.0	371.7	366.0
27.5°	588.6	557.5	527.1	504.5	481.2	458.6	436.0	425.4	414.8	404.2	393.6
30°	674.8	640.1	605.5	575.9	545.5	515.8	486.1	469.2	452.9	436.7	419.7
32.5°	758.1	719.3	681.1	645.8	610.5	575.1	539.8	517.2	495.3	472.7	450.1
35°	856.4	811.8	767.3	723.5	679.7	635.9	592.1	564.5	537.0	509.4	481.9
37.5°	962.3	913.6	864.8	809.7	755.3	700.2	645.8	612.6	580.1	546.9	513.7
40°	1070.4	1018.9	967.3	903.7	839.4	775.8	712.2	669.8	628.1	585.7	543.3
42.5°	1193.4	1137.6	1081.0	1007.6	934.8	861.3	788.5	735.5	682.5	628.8	575.9
45°	1329.8	1271.1	1211.8	1126.3	1041.5	956.0	871.2	806.2	741.9	677.6	612.6
47.5°	1461.2	1395.5	1329.8	1237.2	1144.6	1052.1	959.5	883.2	806.9	729.9	653.6
50°	1589.8	1519.1	1448.5	1346.0	1242.8	1140.4	1037.9	949.6	861.3	773.0	684.7
52.5°	1700.7	1630.0	1559.4	1444.2	1329.0	1213.9	1098.7	1001.9	905.8	809.7	712.9
55°	1766.4	1690.8	1614.5	1499.3	1384.2	1269.0	1153.8	1048.5	944.0	839.4	734.1
57.5°	1796.8	1719.1	1641.4	1526.2	1411.0	1296.5	1181.4	1069.7	958.8	847.9	736.2
60°	1787.6	1714.1	1641.4	1524.1	1406.8	1289.5	1172.2	1060.6	948.9	836.6	724.9
62.5°	1735.3	1660.4	1586.2	1476.7	1366.5	1257.0	1147.5	1037.9	928.4	818.9	709.4
65°	1647.0	1576.3	1505.0	1401.8	1298.7	1196.2	1093.1	987.1	881.8	776.5	670.5
67.5°	1507.8	1452.0	1395.5	1297.3	1199.7	1101.5	1004.0	906.5	809.7	712.9	615.4
70°	1339.6	1288.8	1238.6	1151.7	1064.1	977.2	890.3	805.5	720.7	635.9	551.1
72.5°	1146.8	1098.7	1050.7	979.3	907.9	837.3	765.9	693.8	621.8	549.7	477.6
75°	927.7	890.3	852.8	796.3	739.8	684.0	627.4	567.4	508.0	448.0	387.9
77.5°	700.9	674.1	647.2	604.8	562.4	520.7	478.3	431.7	385.1	338.4	291.8
80°	484.7	463.5	441.6	411.2	380.8	351.2	320.8	289.7	259.3	228.9	197.8
82.5°	289.7	276.3	262.1	245.2	228.2	211.3	194.3	175.9	157.6	138.5	120.1
85°	133.5	126.5	119.4	111.6	103.9	96.8	89.0	81.3	73.5	65.0	57.2
87.5°	28.3	27.6	26.1	25.4	24.7	23.3	22.6	21.9	20.5	19.8	18.4
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: P1445211

CATALOG NUMBER: TPTN-VA2-735-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: P1445211

CATALOG NUMBER: TPTN-VA2-735-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°	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7
2.5°	287.6	287.6	288.3	288.3	289.0	289.0	289.7	289.7	289.7	289.7	289.7
5°	280.5	281.9	282.6	283.3	284.0	285.5	286.2	286.9	287.6	288.3	288.3
7.5°	270.6	272.7	275.6	277.7	279.1	280.5	281.9	283.3	284.0	284.7	285.5
10°	262.8	266.4	269.9	273.4	275.6	277.7	279.1	281.2	281.9	283.3	284.0
12.5°	265.7	269.2	273.4	277.0	279.1	281.9	284.0	286.2	286.9	287.6	287.6
15°	274.1	277.7	281.2	284.7	287.6	289.7	292.5	294.6	294.6	295.3	295.3
17.5°	289.7	291.8	293.2	295.3	297.5	299.6	301.0	303.1	303.1	303.8	303.8
20°	310.9	310.9	310.9	310.9	311.6	311.6	312.3	312.3	313.0	313.0	313.7
22.5°	336.3	334.9	332.8	330.7	329.3	327.1	325.7	323.6	323.6	323.6	322.9
25°	363.2	360.3	356.8	354.0	350.5	346.2	342.7	338.4	337.0	335.6	333.5
27.5°	389.3	385.1	380.8	376.6	370.9	365.3	358.9	353.3	350.5	346.9	344.1
30°	414.0	408.4	402.7	397.1	390.0	383.0	375.2	368.1	363.2	358.2	353.3
32.5°	441.6	433.1	423.9	415.5	407.7	399.2	391.4	383.0	376.6	370.2	363.2
35°	469.9	457.9	445.1	433.1	424.6	415.5	407.0	397.8	390.0	381.5	373.8
37.5°	498.1	483.3	467.7	452.2	442.3	432.4	421.8	411.9	402.7	393.6	383.7
40°	525.7	507.3	489.6	471.3	460.0	449.4	438.1	426.8	416.2	405.6	395.0
42.5°	554.7	532.8	511.6	489.6	476.9	464.2	451.5	438.8	427.5	416.9	405.6
45°	586.4	561.0	534.9	508.7	494.6	480.5	466.3	452.2	440.2	427.5	415.5
47.5°	621.8	589.3	557.5	525.0	510.1	494.6	479.8	464.2	450.8	438.1	424.6
50°	647.2	609.1	571.6	533.5	517.9	502.4	486.1	470.6	456.4	443.0	428.9
52.5°	669.8	626.7	583.6	540.5	524.3	507.3	491.1	474.1	460.0	445.1	431.0
55°	685.4	636.6	587.9	539.1	522.2	504.5	487.5	469.9	455.7	440.9	426.8
57.5°	682.5	629.5	575.9	522.2	505.2	488.2	470.6	453.6	440.2	426.8	413.3
60°	668.4	611.9	554.7	498.1	481.2	464.2	446.5	429.6	416.9	404.9	392.1
62.5°	650.0	590.0	530.6	470.6	452.2	434.5	416.2	397.8	387.2	376.6	365.3
65°	610.5	550.4	489.6	429.6	413.3	396.4	380.1	363.2	353.3	343.4	333.5
67.5°	557.5	499.5	441.6	383.7	368.1	353.3	337.7	322.2	313.0	303.8	294.6
70°	497.4	443.7	390.0	336.3	321.5	306.6	291.1	276.3	268.5	261.4	253.7
72.5°	429.6	380.8	332.8	284.0	269.9	256.5	242.4	228.2	222.6	216.2	210.6
75°	347.6	307.4	267.1	226.8	215.5	203.5	192.2	180.2	175.9	171.7	166.7
77.5°	261.4	230.3	200.0	168.9	159.7	150.5	141.3	132.1	129.3	126.5	123.6
80°	177.3	157.6	137.1	116.6	109.5	102.5	95.4	88.3	86.9	85.5	83.4
82.5°	108.1	95.4	83.4	70.7	66.4	62.2	57.9	53.7	53.0	52.3	50.9
85°	52.3	46.6	41.7	36.0	34.6	32.5	31.1	29.0	29.0	28.3	28.3
87.5°	18.4	18.4	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
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: P1445211

CATALOG NUMBER: TPTN-VA2-735-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: P1445211

CATALOG NUMBER: TPTN-VA2-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7
2.5°	289.7	289.7	290.4	290.4	290.4	290.4	290.4	290.4	290.4	290.4	290.4
5°	289.0	289.7	289.7	290.4	290.4	291.1	291.1	291.1	290.4	290.4	289.7
7.5°	286.2	286.9	286.9	287.6	287.6	287.6	287.6	287.6	287.6	287.6	286.9
10°	284.7	284.7	285.5	285.5	285.5	285.5	285.5	285.5	285.5	285.5	285.5
12.5°	288.3	288.3	287.6	287.6	286.9	286.9	286.2	286.9	286.9	287.6	287.6
15°	295.3	294.6	293.9	293.2	292.5	292.5	291.8	292.5	292.5	293.2	293.9
17.5°	303.8	303.1	301.7	301.0	299.6	298.9	297.5	298.9	299.6	301.0	301.7
20°	313.7	312.3	310.2	308.8	306.6	305.9	304.5	305.9	306.6	308.8	310.2
22.5°	322.9	320.8	318.7	315.8	313.7	312.3	310.9	312.3	313.7	315.8	318.7
25°	332.1	329.3	327.1	324.3	321.5	320.1	318.0	320.1	321.5	324.3	327.1
27.5°	340.6	337.7	334.9	332.1	329.3	327.1	325.0	327.1	329.3	332.1	334.9
30°	348.3	345.5	342.0	338.4	335.6	333.5	331.4	333.5	335.6	339.2	342.0
32.5°	356.8	353.3	349.7	346.2	342.7	339.9	337.0	339.9	342.7	346.2	349.7
35°	365.3	361.1	357.5	353.3	349.0	346.2	343.4	346.2	349.0	353.3	357.5
37.5°	374.5	369.5	365.3	360.3	355.4	351.9	349.0	352.6	355.4	360.3	365.3
40°	384.4	378.7	373.8	368.1	362.5	358.9	355.4	358.9	362.5	368.1	373.8
42.5°	394.3	387.9	381.5	374.5	368.1	364.6	361.1	364.6	368.1	374.5	381.5
45°	402.7	395.7	388.6	381.5	374.5	370.9	367.4	370.9	374.5	381.5	388.6
47.5°	411.2	403.4	395.7	387.9	380.1	376.6	373.1	376.6	380.1	387.9	395.7
50°	414.8	406.3	398.5	390.0	381.5	377.3	373.8	378.0	381.5	390.0	398.5
52.5°	416.2	407.7	399.2	390.0	381.5	377.3	373.8	378.0	381.5	390.0	399.2
55°	411.9	402.7	394.3	385.1	375.9	371.7	368.1	372.4	375.9	385.1	394.3
57.5°	399.9	390.7	382.3	373.1	363.9	358.9	354.7	359.6	363.9	373.1	382.3
60°	379.4	370.9	363.2	354.7	346.2	341.3	336.3	341.3	346.2	354.7	363.2
62.5°	354.7	346.9	339.2	331.4	323.6	318.7	314.4	319.4	323.6	331.4	339.2
65°	323.6	316.5	309.5	301.7	294.6	289.0	283.3	289.0	294.6	301.7	309.5
67.5°	285.5	279.1	273.4	267.1	260.7	255.1	250.1	255.8	260.7	267.1	273.4
70°	245.9	240.9	236.0	230.3	225.4	220.4	216.2	221.2	225.4	230.3	236.0
72.5°	204.2	199.3	194.3	189.4	184.4	179.5	174.5	179.5	184.4	189.4	194.3
75°	162.5	158.3	154.0	149.1	144.8	140.6	136.4	140.6	144.8	149.1	154.0
77.5°	120.8	117.3	113.8	109.5	106.0	101.0	96.8	101.7	106.0	109.5	113.8
80°	82.0	78.4	75.6	72.1	68.5	65.0	61.5	65.0	68.5	72.1	75.6
82.5°	50.2	47.3	44.5	41.0	38.2	34.6	31.1	34.6	38.2	41.0	44.5
85°	27.6	25.4	23.3	20.5	18.4	14.1	9.9	14.1	18.4	20.5	23.3
87.5°	17.7	15.5	13.4	10.6	8.5	4.9	1.4	4.9	8.5	10.6	13.4
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: P1445211

CATALOG NUMBER: TPTN-VA2-735-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: P1445211

CATALOG NUMBER: TPTN-VA2-735-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°	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7
2.5°	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.0	289.0	288.3	288.3
5°	289.7	289.0	288.3	288.3	287.6	286.9	286.2	285.5	284.0	283.3	282.6
7.5°	286.9	286.2	285.5	284.7	284.0	283.3	281.9	280.5	279.1	277.7	275.6
10°	284.7	284.7	284.0	283.3	281.9	281.2	279.1	277.7	275.6	273.4	269.9
12.5°	288.3	288.3	287.6	287.6	286.9	286.2	284.0	281.9	279.1	277.0	273.4
15°	294.6	295.3	295.3	295.3	294.6	294.6	292.5	289.7	287.6	284.7	281.2
17.5°	303.1	303.8	303.8	303.8	303.1	303.1	301.0	299.6	297.5	295.3	293.2
20°	312.3	313.7	313.7	313.0	313.0	312.3	312.3	311.6	311.6	310.9	310.9
22.5°	320.8	322.9	322.9	323.6	323.6	323.6	325.7	327.1	329.3	330.7	332.8
25°	329.3	332.1	333.5	335.6	337.0	338.4	342.7	346.2	350.5	354.0	356.8
27.5°	337.7	340.6	344.1	346.9	350.5	353.3	358.9	365.3	370.9	376.6	380.8
30°	345.5	348.3	353.3	358.2	363.2	368.1	375.2	383.0	390.0	397.1	402.7
32.5°	353.3	356.8	363.2	370.2	376.6	383.0	391.4	399.2	407.7	415.5	423.9
35°	361.1	365.3	373.8	381.5	390.0	397.8	407.0	415.5	424.6	433.1	445.1
37.5°	369.5	374.5	383.7	393.6	402.7	411.9	421.8	432.4	442.3	452.2	467.7
40°	378.7	384.4	395.0	405.6	416.2	426.8	438.1	449.4	460.0	471.3	489.6
42.5°	387.9	394.3	405.6	416.9	427.5	438.8	451.5	464.2	476.9	489.6	511.6
45°	395.7	402.7	415.5	427.5	440.2	452.2	466.3	480.5	494.6	508.7	534.9
47.5°	403.4	411.2	424.6	438.1	450.8	464.2	479.8	494.6	510.1	525.0	557.5
50°	406.3	414.8	428.9	443.0	456.4	470.6	486.1	502.4	517.9	533.5	571.6
52.5°	407.7	416.2	431.0	445.1	460.0	474.1	491.1	507.3	524.3	540.5	583.6
55°	402.7	411.9	426.8	440.9	455.7	469.9	487.5	504.5	522.2	539.1	587.9
57.5°	390.7	399.9	413.3	426.8	440.2	453.6	470.6	488.2	505.2	522.2	575.9
60°	370.9	379.4	392.1	404.9	416.9	429.6	446.5	464.2	481.2	498.1	554.7
62.5°	346.9	354.7	365.3	376.6	387.2	397.8	416.2	434.5	452.2	470.6	530.6
65°	316.5	323.6	333.5	343.4	353.3	363.2	380.1	396.4	413.3	429.6	489.6
67.5°	279.1	285.5	294.6	303.8	313.0	322.2	337.7	353.3	368.1	383.7	441.6
70°	240.9	245.9	253.7	261.4	268.5	276.3	291.1	306.6	321.5	336.3	390.0
72.5°	199.3	204.2	210.6	216.2	222.6	228.2	242.4	256.5	269.9	284.0	332.8
75°	158.3	162.5	166.7	171.7	175.9	180.2	192.2	203.5	215.5	226.8	267.1
77.5°	117.3	120.8	123.6	126.5	129.3	132.1	141.3	150.5	159.7	168.9	200.0
80°	78.4	82.0	83.4	85.5	86.9	88.3	95.4	102.5	109.5	116.6	137.1
82.5°	47.3	50.2	50.9	52.3	53.0	53.7	57.9	62.2	66.4	70.7	83.4
85°	25.4	27.6	28.3	28.3	29.0	29.0	31.1	32.5	34.6	36.0	41.7
87.5°	15.5	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
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: P1445211

CATALOG NUMBER: TPTN-VA2-735-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: P1445211

CATALOG NUMBER: TPTN-VA2-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7
2.5°	287.6	287.6	286.9	286.9	286.9	286.2	286.2	286.2	285.5	285.5	284.7
5°	281.9	280.5	279.8	278.4	277.0	275.6	274.1	272.7	272.0	270.6	269.2
7.5°	272.7	270.6	267.8	265.0	262.8	260.0	257.2	255.1	252.2	250.1	247.3
10°	266.4	262.8	259.3	255.1	251.5	247.3	243.1	239.5	236.0	231.8	228.2
12.5°	269.2	265.7	261.4	257.2	253.0	248.7	244.5	240.9	237.4	233.2	229.6
15°	277.7	274.1	270.6	267.8	265.0	261.4	258.6	255.8	252.2	249.4	245.9
17.5°	291.8	289.7	287.6	286.2	284.0	282.6	280.5	279.1	277.0	275.6	273.4
20°	310.9	310.9	310.9	310.2	310.2	309.5	308.8	310.2	310.9	312.3	313.0
22.5°	334.9	336.3	338.4	340.6	342.7	344.1	346.2	351.9	358.2	363.9	369.5
25°	360.3	363.2	366.0	371.7	378.0	383.7	389.3	403.4	416.9	431.0	444.4
27.5°	385.1	389.3	393.6	404.2	414.8	425.4	436.0	458.6	481.9	504.5	527.1
30°	408.4	414.0	419.7	436.7	452.9	469.9	486.1	515.8	546.2	575.9	605.5
32.5°	433.1	441.6	450.1	472.7	495.3	517.2	539.8	575.1	610.5	645.8	681.1
35°	457.9	469.9	481.9	509.4	537.0	564.5	592.1	635.9	679.7	723.5	767.3
37.5°	483.3	498.1	513.7	546.9	580.1	612.6	645.8	700.9	755.3	810.4	864.8
40°	507.3	525.7	543.3	585.7	628.1	669.8	712.2	775.8	840.1	903.7	967.3
42.5°	532.8	554.7	575.9	628.8	682.5	735.5	788.5	862.0	934.8	1008.3	1081.0
45°	561.0	586.4	612.6	677.6	741.9	806.9	871.2	956.7	1041.5	1127.0	1211.8
47.5°	589.3	621.8	653.6	729.9	806.9	883.2	959.5	1052.1	1144.6	1237.2	1329.8
50°	609.1	647.2	684.7	773.0	861.3	949.6	1037.9	1140.4	1243.6	1346.0	1448.5
52.5°	626.7	669.8	712.9	809.7	905.8	1002.6	1098.7	1213.9	1329.0	1444.2	1559.4
55°	636.6	685.4	734.1	839.4	944.0	1049.2	1153.8	1269.0	1384.2	1499.3	1614.5
57.5°	629.5	682.5	736.2	847.9	958.8	1070.4	1181.4	1296.5	1411.7	1526.2	1641.4
60°	611.9	668.4	724.9	836.6	948.9	1060.6	1172.2	1289.5	1406.8	1524.1	1641.4
62.5°	590.0	650.0	709.4	818.9	928.4	1037.9	1147.5	1257.0	1367.2	1476.7	1586.2
65°	550.4	610.5	670.5	776.5	881.8	987.8	1093.1	1196.2	1299.4	1401.8	1505.0
67.5°	499.5	557.5	615.4	712.9	809.7	907.2	1004.0	1102.2	1199.7	1298.0	1395.5
70°	443.7	497.4	551.1	635.9	720.7	805.5	890.3	977.2	1064.8	1151.7	1238.6
72.5°	380.8	429.6	477.6	549.7	621.8	693.8	765.9	837.3	908.6	979.3	1050.7
75°	307.4	347.6	387.9	448.0	508.0	567.4	627.4	684.0	740.5	796.3	852.8
77.5°	230.3	261.4	291.8	338.4	385.1	431.7	478.3	520.7	563.1	604.8	647.2
80°	157.6	177.3	197.8	228.9	259.3	290.4	320.8	351.2	381.5	411.2	441.6
82.5°	95.4	108.1	120.1	138.5	157.6	175.9	194.3	211.3	228.2	245.2	262.1
85°	46.6	52.3	57.2	65.0	73.5	81.3	89.0	96.8	104.6	111.6	119.4
87.5°	18.4	18.4	18.4	19.8	20.5	21.9	22.6	23.3	24.7	25.4	26.1
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: P1445211

CATALOG NUMBER: TPTN-VA2-735-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: P1445211

CATALOG NUMBER: TPTN-VA2-735-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°	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7
2.5°	284.7	284.7	284.0	284.0	284.0	284.0	283.3	283.3	283.3	283.3	283.3
5°	268.5	267.8	267.1	266.4	265.7	265.0	264.3	263.5	263.5	262.8	263.5
7.5°	245.2	243.8	241.6	239.5	238.1	237.4	236.0	234.6	234.6	234.6	234.6
10°	225.4	221.9	219.0	215.5	214.1	212.0	210.6	208.4	207.7	206.3	207.7
12.5°	226.8	224.0	220.4	217.6	215.5	213.4	211.3	209.1	208.4	207.7	208.4
15°	243.8	241.6	238.8	236.7	235.3	233.9	231.8	230.3	229.6	228.2	229.6
17.5°	272.7	271.3	270.6	269.2	269.2	269.2	268.5	268.5	268.5	268.5	268.5
20°	315.8	318.7	321.5	324.3	327.1	330.7	333.5	336.3	337.0	337.7	337.0
22.5°	378.7	387.9	396.4	405.6	414.8	423.9	433.1	442.3	445.8	449.4	445.8
25°	464.9	485.4	505.9	526.4	543.3	560.3	576.6	593.5	600.6	607.6	600.6
27.5°	557.5	588.6	619.0	649.3	670.5	692.4	713.6	735.5	743.3	751.1	743.3
30°	640.1	674.8	709.4	744.0	765.9	787.8	809.0	830.9	835.9	841.5	836.6
32.5°	719.3	758.1	796.3	834.5	857.8	881.8	905.1	928.4	930.5	932.7	930.5
35°	811.8	856.4	900.9	945.4	968.0	990.6	1012.5	1035.1	1041.5	1047.8	1041.5
37.5°	913.6	962.3	1011.1	1059.8	1081.0	1102.2	1123.4	1144.6	1149.6	1154.5	1149.6
40°	1018.9	1070.4	1121.3	1172.9	1194.8	1216.7	1238.6	1260.5	1263.3	1266.9	1264.0
42.5°	1137.6	1193.4	1249.2	1305.7	1326.9	1348.8	1370.0	1391.2	1395.5	1399.7	1395.5
45°	1271.1	1329.8	1388.4	1447.8	1468.9	1490.9	1512.0	1534.0	1541.7	1549.5	1541.7
47.5°	1395.5	1461.2	1526.9	1592.6	1620.2	1648.4	1676.0	1704.2	1709.2	1714.1	1709.2
50°	1519.1	1589.8	1659.7	1730.4	1758.6	1786.9	1814.5	1842.7	1849.1	1855.4	1849.1
52.5°	1630.0	1700.7	1771.4	1842.0	1873.1	1904.9	1936.0	1967.1	1973.4	1979.8	1973.4
55°	1690.8	1766.4	1842.0	1918.3	1952.2	1986.9	2020.8	2055.4	2066.0	2076.6	2066.0
57.5°	1719.1	1796.8	1874.5	1952.2	1988.3	2025.0	2061.1	2097.1	2106.3	2115.5	2106.3
60°	1714.1	1787.6	1860.4	1933.2	1969.2	2005.9	2042.0	2078.7	2087.9	2097.1	2087.9
62.5°	1660.4	1735.3	1809.5	1883.7	1919.0	1955.1	1990.4	2025.7	2034.9	2044.8	2035.6
65°	1576.3	1647.0	1717.7	1789.0	1815.9	1842.7	1868.9	1895.7	1904.9	1914.8	1905.6
67.5°	1452.0	1507.8	1563.6	1620.2	1649.8	1679.5	1708.5	1738.2	1751.6	1765.7	1752.3
70°	1288.8	1339.6	1389.8	1440.0	1471.8	1503.6	1534.7	1566.5	1572.1	1578.5	1572.8
72.5°	1098.7	1146.8	1194.8	1242.8	1266.2	1290.2	1313.5	1336.8	1343.2	1350.2	1343.9
75°	890.3	927.7	964.5	1001.9	1019.6	1037.9	1055.6	1074.0	1081.0	1088.8	1081.8
77.5°	674.1	700.9	727.1	753.9	770.9	787.8	804.1	821.0	826.0	830.9	826.0
80°	463.5	484.7	505.9	527.8	536.3	545.5	553.9	563.1	566.7	570.9	567.4
82.5°	276.3	289.7	303.1	317.2	321.5	326.4	330.7	334.9	336.3	337.0	336.3
85°	126.5	133.5	139.9	147.0	149.1	151.9	154.0	156.2	158.3	160.4	158.3
87.5°	27.6	28.3	29.7	30.4	31.8	32.5	33.9	34.6	34.6	34.6	34.6
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: P1445211

CATALOG NUMBER: TPTN-VA2-735-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: P1445211

CATALOG NUMBER: TPTN-VA2-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7
2.5°	283.3	283.3	284.0	284.0	284.0	284.0	284.7	284.7	284.7	285.5	285.5
5°	263.5	264.3	265.0	265.7	266.4	267.1	267.8	268.5	269.2	270.6	272.0
7.5°	234.6	236.0	237.4	238.1	239.5	241.6	243.8	245.2	247.3	250.1	252.2
10°	208.4	210.6	212.0	214.1	215.5	219.0	221.9	225.4	228.2	231.8	236.0
12.5°	209.1	211.3	213.4	215.5	217.6	220.4	224.0	226.8	229.6	233.2	237.4
15°	230.3	231.8	233.9	235.3	236.7	238.8	241.6	243.8	245.9	249.4	252.2
17.5°	268.5	268.5	269.2	269.2	269.2	270.6	271.3	272.7	273.4	275.6	277.0
20°	336.3	333.5	330.7	327.1	324.3	321.5	318.7	315.8	313.0	312.3	310.9
22.5°	442.3	433.1	423.9	414.8	405.6	396.4	387.9	378.7	369.5	363.9	358.2
25°	593.5	576.6	560.3	543.3	526.4	505.9	485.4	464.9	444.4	430.3	416.9
27.5°	735.5	713.6	692.4	670.5	649.3	619.0	588.6	557.5	527.1	504.5	481.9
30°	830.9	809.0	787.8	765.9	744.0	709.4	674.8	640.1	605.5	575.9	546.2
32.5°	928.4	905.1	881.8	857.8	834.5	796.3	758.1	719.3	681.1	645.8	610.5
35°	1035.1	1012.5	990.6	968.0	945.4	900.9	856.4	811.8	767.3	723.5	679.7
37.5°	1144.6	1123.4	1102.2	1081.0	1059.8	1011.1	962.3	913.6	864.8	809.7	755.3
40°	1260.5	1238.6	1216.7	1194.8	1172.9	1121.3	1070.4	1018.9	967.3	903.7	840.1
42.5°	1391.2	1370.0	1348.8	1326.9	1305.7	1249.2	1193.4	1136.9	1081.0	1007.6	934.8
45°	1534.0	1512.0	1490.9	1468.9	1447.8	1388.4	1329.8	1270.4	1211.8	1126.3	1041.5
47.5°	1704.2	1676.0	1648.4	1620.2	1592.6	1526.9	1461.2	1395.5	1329.8	1237.2	1144.6
50°	1842.7	1814.5	1786.9	1758.6	1730.4	1659.7	1589.8	1519.1	1448.5	1346.0	1243.6
52.5°	1967.1	1936.0	1904.9	1873.1	1842.0	1771.4	1700.7	1630.0	1559.4	1444.2	1329.0
55°	2055.4	2020.8	1986.9	1952.2	1918.3	1842.0	1766.4	1690.1	1614.5	1499.3	1384.2
57.5°	2097.1	2061.1	2025.0	1988.3	1952.2	1874.5	1796.8	1719.1	1641.4	1526.2	1411.7
60°	2078.7	2042.0	2005.9	1969.2	1933.2	1860.4	1787.6	1714.1	1641.4	1524.1	1406.8
62.5°	2025.7	1990.4	1955.1	1919.0	1883.7	1809.5	1735.3	1660.4	1586.2	1476.7	1367.2
65°	1895.7	1868.9	1842.7	1815.9	1789.0	1717.7	1647.0	1575.6	1505.0	1401.8	1299.4
67.5°	1738.2	1708.5	1679.5	1649.8	1620.2	1563.6	1507.8	1451.3	1395.5	1297.3	1199.7
70°	1566.5	1534.7	1503.6	1471.8	1440.0	1389.8	1339.6	1288.8	1238.6	1151.7	1064.8
72.5°	1336.8	1313.5	1290.2	1266.2	1242.8	1194.8	1146.8	1098.7	1050.7	979.3	908.6
75°	1074.0	1055.6	1037.9	1019.6	1001.9	964.5	927.7	890.3	852.8	796.3	740.5
77.5°	821.0	804.1	787.8	770.9	753.9	727.1	700.9	674.1	647.2	604.8	563.1
80°	563.1	553.9	545.5	536.3	527.8	505.9	484.7	462.8	441.6	411.2	381.5
82.5°	334.9	330.7	326.4	321.5	317.2	303.1	289.7	275.6	262.1	245.2	228.2
85°	156.2	154.0	151.9	149.1	147.0	139.9	133.5	126.5	119.4	111.6	104.6
87.5°	34.6	33.9	32.5	31.8	30.4	29.7	28.3	27.6	26.1	25.4	24.7
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: P1445211

CATALOG NUMBER: TPTN-VA2-735-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: P1445211

CATALOG NUMBER: TPTN-VA2-735-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°	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7
2.5°	286.2	286.2	286.2	286.9	286.9	286.9	287.6	287.6	288.3	288.3	289.0
5°	272.7	274.1	275.6	277.0	278.4	279.8	280.5	281.9	282.6	283.3	284.0
7.5°	255.1	257.2	260.0	262.8	265.0	267.8	270.6	272.7	275.6	277.7	279.1
10°	239.5	243.1	247.3	251.5	255.1	259.3	262.8	266.4	269.9	273.4	275.6
12.5°	240.9	244.5	248.7	253.0	257.2	261.4	265.7	269.2	273.4	277.0	279.1
15°	255.8	258.6	261.4	265.0	267.8	270.6	274.1	277.7	281.2	284.7	287.6
17.5°	279.1	280.5	282.6	284.0	286.2	287.6	289.7	291.8	293.2	295.3	297.5
20°	310.2	308.8	309.5	310.2	310.2	310.9	310.9	310.9	310.9	310.9	311.6
22.5°	351.9	346.2	344.1	342.7	340.6	338.4	336.3	334.9	332.8	330.7	329.3
25°	403.4	389.3	383.7	378.0	371.7	366.0	363.2	360.3	356.8	354.0	350.5
27.5°	458.6	436.0	425.4	414.8	404.2	393.6	389.3	385.1	380.8	376.6	370.9
30°	515.8	486.1	469.9	452.9	436.7	419.7	414.0	408.4	402.7	397.1	390.0
32.5°	575.1	539.8	517.2	495.3	472.7	450.1	441.6	433.1	423.9	415.5	407.7
35°	635.9	592.1	564.5	537.0	509.4	481.9	469.9	457.9	445.1	433.1	424.6
37.5°	700.9	645.8	612.6	580.1	546.9	513.7	498.1	483.3	467.7	452.2	442.3
40°	775.8	712.2	669.8	628.1	585.7	543.3	525.7	507.3	489.6	471.3	460.0
42.5°	862.0	788.5	735.5	682.5	628.8	575.9	554.7	532.8	511.6	489.6	476.9
45°	956.7	871.2	806.9	741.9	677.6	612.6	586.4	561.0	534.9	508.7	494.6
47.5°	1052.1	959.5	883.2	806.9	729.9	653.6	621.8	589.3	557.5	525.0	510.1
50°	1140.4	1037.9	949.6	861.3	773.0	684.7	647.2	609.1	571.6	533.5	517.9
52.5°	1213.9	1098.7	1002.6	905.8	809.7	712.9	669.8	626.7	583.6	540.5	524.3
55°	1269.0	1153.8	1049.2	944.0	839.4	734.1	685.4	636.6	587.9	539.1	522.2
57.5°	1296.5	1181.4	1070.4	958.8	847.9	736.2	682.5	629.5	575.9	522.2	505.2
60°	1289.5	1172.2	1060.6	948.9	836.6	724.9	668.4	611.9	554.7	498.1	481.2
62.5°	1257.0	1147.5	1037.9	928.4	818.9	709.4	650.0	590.0	530.6	470.6	452.2
65°	1196.2	1093.1	987.8	881.8	776.5	670.5	610.5	550.4	489.6	429.6	413.3
67.5°	1102.2	1004.0	907.2	809.7	712.9	615.4	557.5	499.5	441.6	383.7	368.1
70°	977.2	890.3	805.5	720.7	635.9	551.1	497.4	443.7	390.0	336.3	321.5
72.5°	837.3	765.9	693.8	621.8	549.7	477.6	429.6	380.8	332.8	284.0	269.9
75°	684.0	627.4	567.4	508.0	448.0	387.9	347.6	307.4	267.1	226.8	215.5
77.5°	520.7	478.3	431.7	385.1	338.4	291.8	261.4	230.3	200.0	168.9	159.7
80°	351.2	320.8	290.4	259.3	228.9	197.8	177.3	157.6	137.1	116.6	109.5
82.5°	211.3	194.3	175.9	157.6	138.5	120.1	108.1	95.4	83.4	70.7	66.4
85°	96.8	89.0	81.3	73.5	65.0	57.2	52.3	46.6	41.7	36.0	34.6
87.5°	23.3	22.6	21.9	20.5	19.8	18.4	18.4	18.4	17.7	17.7	17.7
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: P1445211

CATALOG NUMBER: TPTN-VA2-735-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: P1445211

CATALOG NUMBER: TPTN-VA2-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7	289.7
2.5°	289.0	289.7	289.7	289.7	289.7	289.7	289.7	289.7	290.4	290.4	290.4
5°	285.5	286.2	286.9	287.6	288.3	288.3	289.0	289.7	289.7	290.4	290.4
7.5°	280.5	281.9	283.3	284.0	284.7	285.5	286.2	286.9	286.9	287.6	287.6
10°	277.0	279.1	281.2	281.9	283.3	284.0	284.7	284.7	285.5	285.5	285.5
12.5°	281.2	284.0	286.2	286.9	287.6	287.6	288.3	288.3	287.6	287.6	286.9
15°	289.7	292.5	294.6	294.6	295.3	295.3	295.3	294.6	293.9	293.2	292.5
17.5°	298.9	301.0	303.1	303.1	303.8	303.8	303.8	303.1	301.7	301.0	299.6
20°	311.6	312.3	312.3	313.0	313.0	313.7	313.7	312.3	310.2	308.8	306.6
22.5°	327.1	325.7	323.6	323.6	323.6	322.9	322.9	320.8	318.7	315.8	313.7
25°	346.2	342.7	338.4	337.0	335.6	333.5	332.1	329.3	327.1	324.3	321.5
27.5°	365.3	358.9	353.3	350.5	346.9	344.1	340.6	337.7	334.9	332.1	329.3
30°	383.0	375.2	368.1	363.2	358.2	353.3	348.3	345.5	342.0	339.2	335.6
32.5°	399.2	391.4	383.0	376.6	370.2	363.2	356.8	353.3	349.7	346.2	342.7
35°	415.5	407.0	397.8	390.0	381.5	373.8	365.3	361.1	357.5	353.3	349.0
37.5°	432.4	421.8	411.9	402.7	393.6	383.7	374.5	369.5	365.3	360.3	355.4
40°	449.4	438.1	426.8	416.2	405.6	395.0	384.4	378.7	373.8	368.1	362.5
42.5°	464.2	451.5	438.8	427.5	416.9	405.6	394.3	387.9	381.5	374.5	368.1
45°	480.5	466.3	452.2	440.2	427.5	415.5	402.7	395.7	388.6	381.5	374.5
47.5°	494.6	479.8	464.2	450.8	438.1	424.6	411.2	403.4	395.7	387.9	380.1
50°	502.4	486.1	470.6	456.4	443.0	428.9	414.8	406.3	398.5	390.0	381.5
52.5°	507.3	491.1	474.1	460.0	445.1	431.0	416.2	407.7	399.2	390.0	381.5
55°	504.5	487.5	469.9	455.7	440.9	426.8	411.9	402.7	394.3	385.1	375.9
57.5°	488.2	470.6	453.6	440.2	426.8	413.3	399.9	390.7	382.3	373.1	363.9
60°	464.2	446.5	429.6	416.9	404.9	392.1	379.4	370.9	363.2	354.7	346.2
62.5°	434.5	416.2	397.8	387.2	376.6	365.3	354.7	346.9	339.2	331.4	323.6
65°	396.4	380.1	363.2	353.3	343.4	333.5	323.6	316.5	309.5	301.7	294.6
67.5°	353.3	337.7	322.2	313.0	303.8	294.6	285.5	279.1	273.4	267.1	260.7
70°	306.6	291.1	276.3	268.5	261.4	253.7	245.9	240.9	236.0	230.3	225.4
72.5°	256.5	242.4	228.2	222.6	216.2	210.6	204.2	199.3	194.3	189.4	184.4
75°	203.5	192.2	180.2	175.9	171.7	166.7	162.5	158.3	154.0	149.1	144.8
77.5°	150.5	141.3	132.1	129.3	126.5	123.6	120.8	117.3	113.8	109.5	106.0
80°	102.5	95.4	88.3	86.9	85.5	83.4	82.0	78.4	75.6	72.1	68.5
82.5°	62.2	57.9	53.7	53.0	52.3	50.9	50.2	47.3	44.5	41.0	38.2
85°	32.5	31.1	29.0	29.0	28.3	28.3	27.6	25.4	23.3	20.5	18.4
87.5°	17.7	17.7	17.7	17.7	17.7	17.7	17.7	15.5	13.4	10.6	8.5
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: P1445211

CATALOG NUMBER: TPTN-VA2-735-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: P1445211

CATALOG NUMBER: TPTN-VA2-735-U-RW-CG-GM

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	289.7	289.7
2.5°	290.4	290.4
5°	291.1	291.1
7.5°	287.6	287.6
10°	285.5	285.5
12.5°	286.9	286.2
15°	292.5	291.8
17.5°	298.9	297.5
20°	305.9	304.5
22.5°	312.3	310.9
25°	320.1	318.0
27.5°	327.1	325.0
30°	333.5	331.4
32.5°	339.9	337.0
35°	346.2	343.4
37.5°	352.6	349.0
40°	358.9	355.4
42.5°	364.6	361.1
45°	370.9	367.4
47.5°	376.6	373.1
50°	378.0	373.8
52.5°	378.0	373.8
55°	372.4	368.1
57.5°	359.6	354.7
60°	341.3	336.3
62.5°	319.4	314.4
65°	289.0	283.3
67.5°	255.8	250.1
70°	221.2	216.2
72.5°	179.5	174.5
75°	140.6	136.4
77.5°	101.7	96.8
80°	65.0	61.5
82.5°	34.6	31.1
85°	14.1	9.9
87.5°	4.9	1.4
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: P1445211

CATALOG NUMBER: TPTN-VA2-735-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

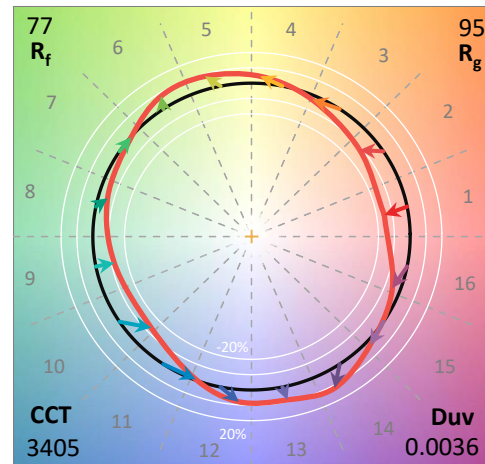
Data in this report applies to families of products including TTN-D0-735-U-WQ

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

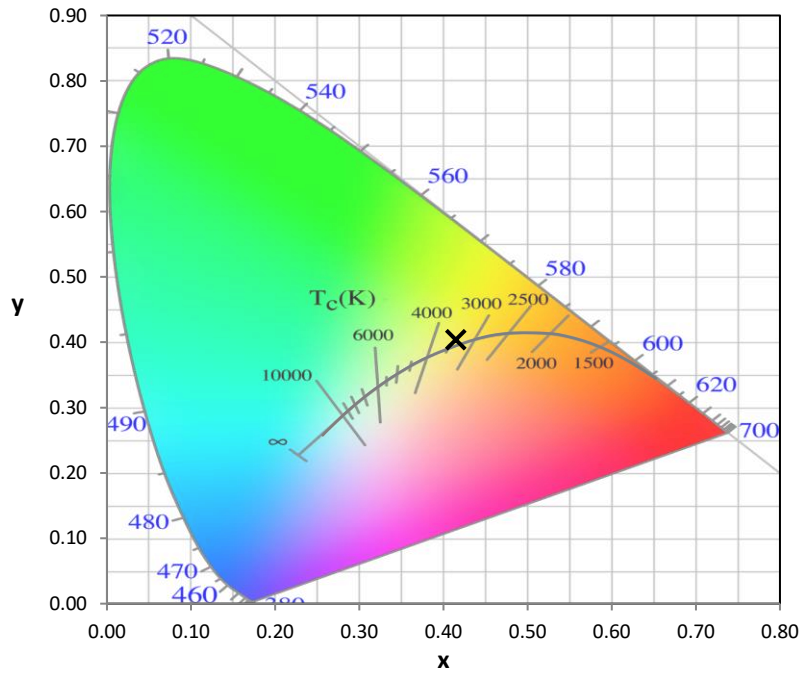
Stabilization Time: 38M
 Operation Time: 1H 38M
 Sphere Temperature (°C): 24.9

REPORT NUMBER: SP1-2411-284-1

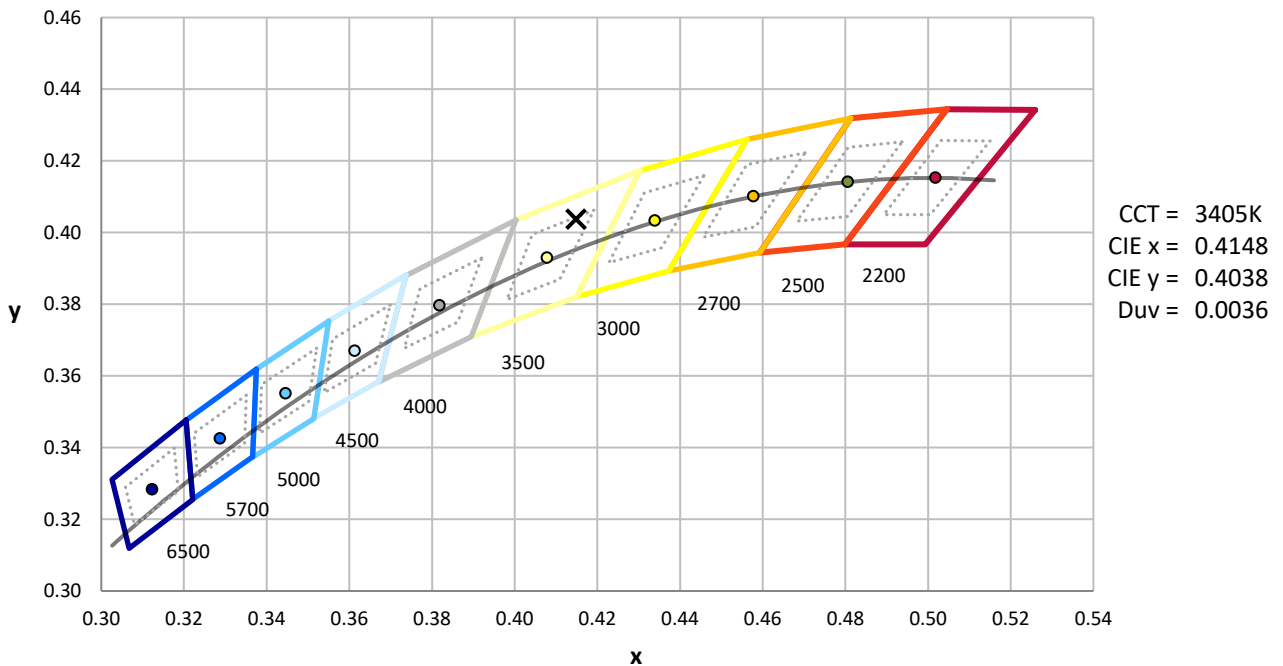
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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



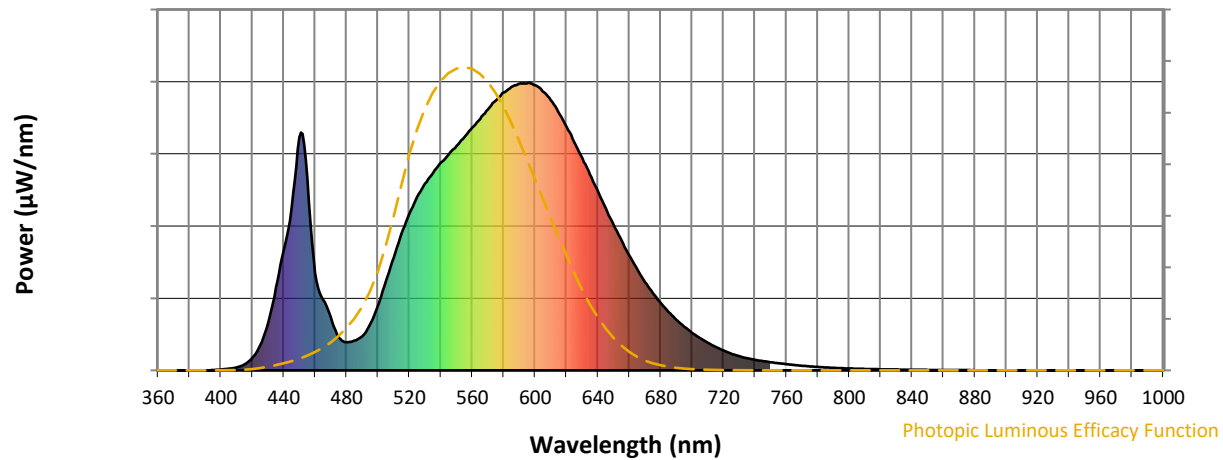
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2411-284-1

Photopic Flux vs. Wavelength

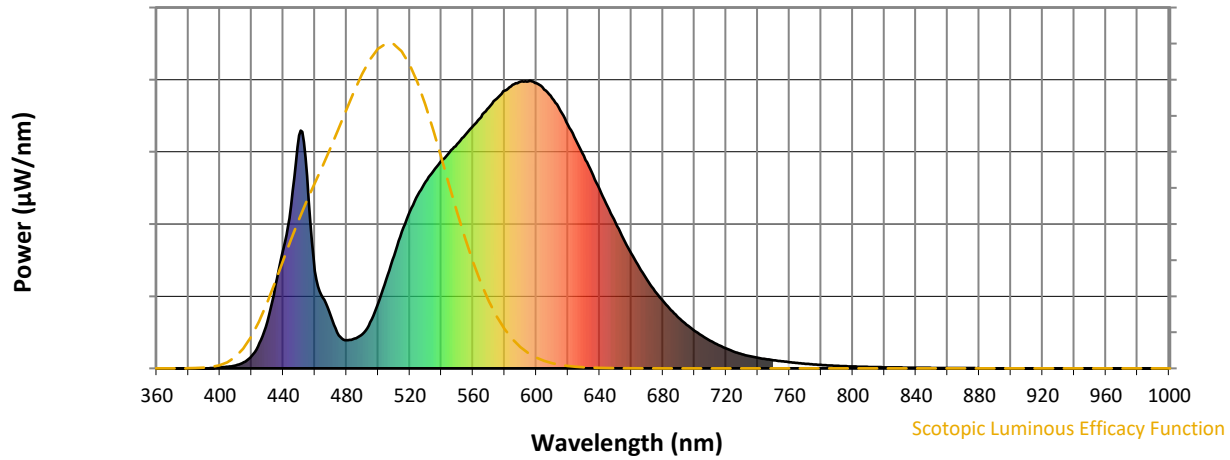


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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

Scotopic Flux vs. Wavelength



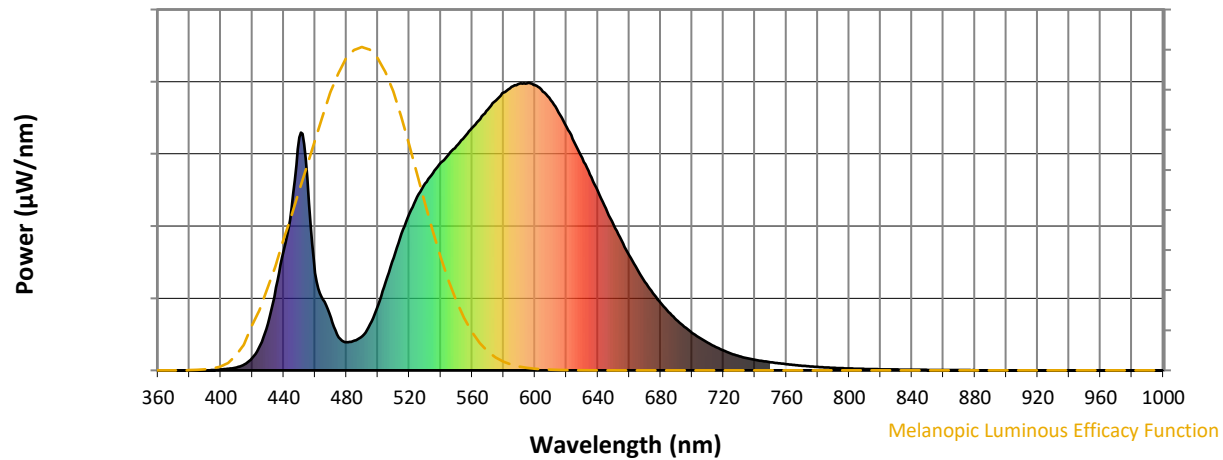
Scotopic Lumens: NR

S/P: 1.33

λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /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

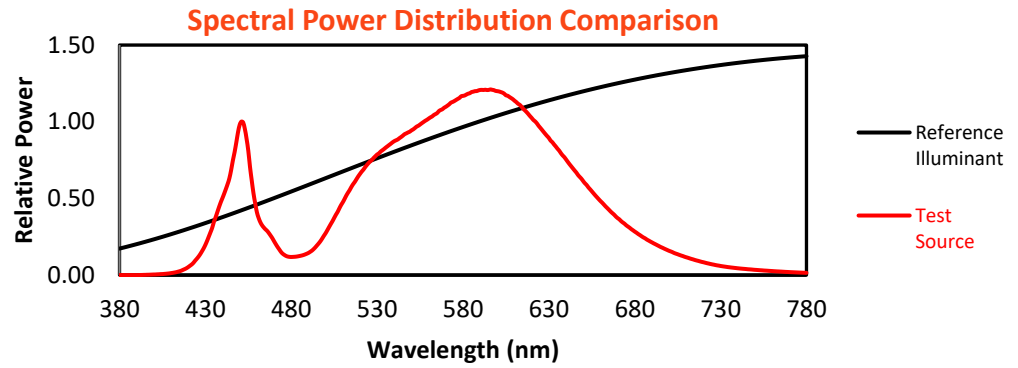
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	846	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

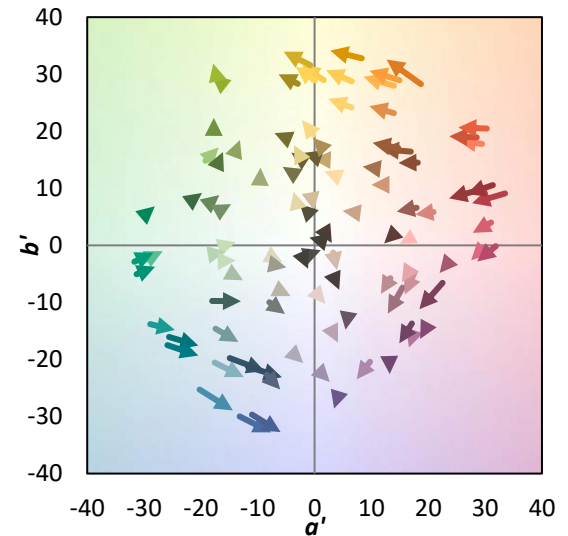
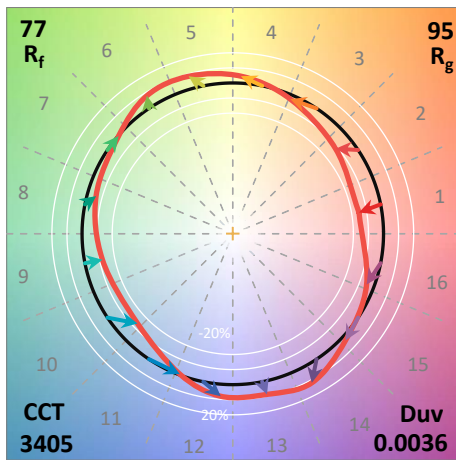
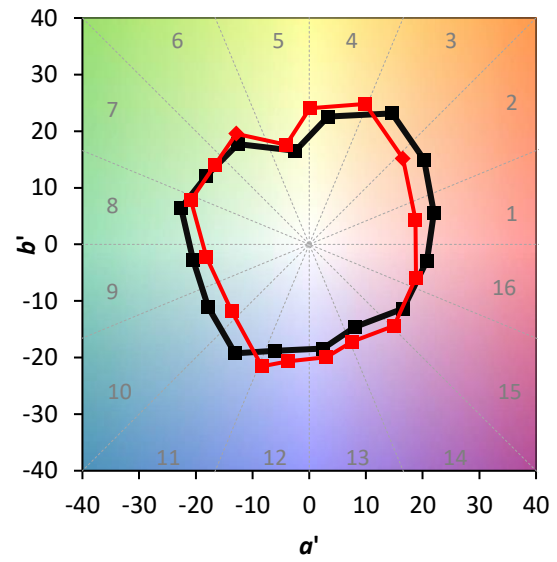
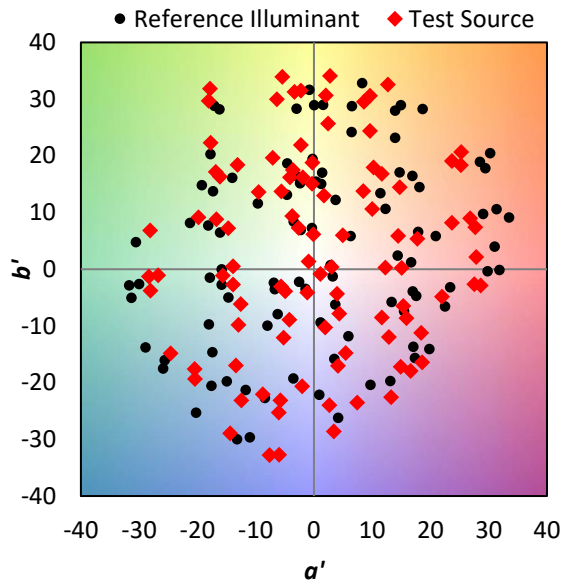
TM-30-18

Summary

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

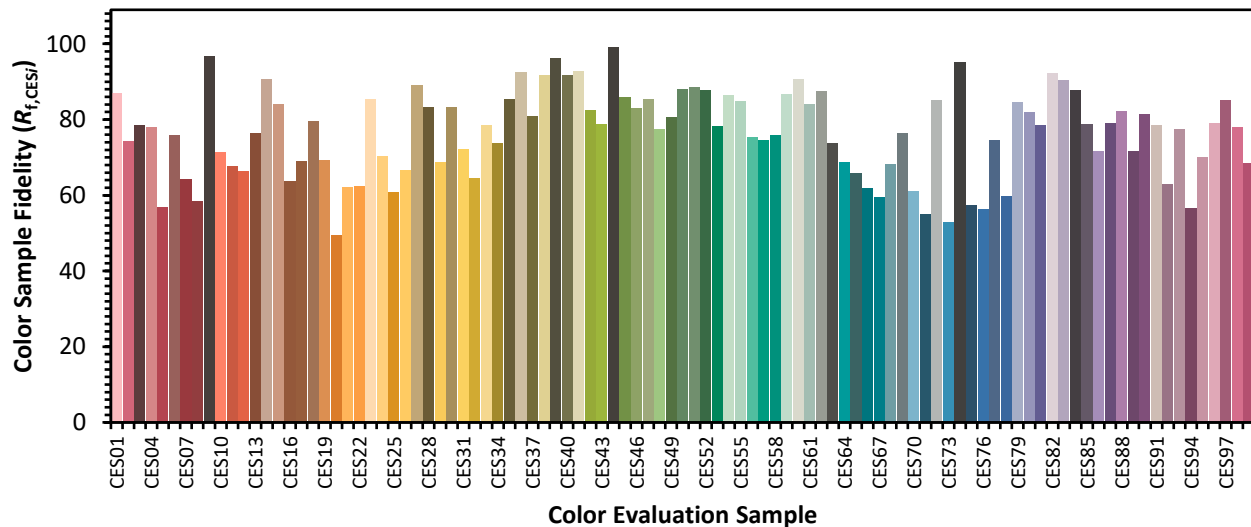


Color Vector Graphics

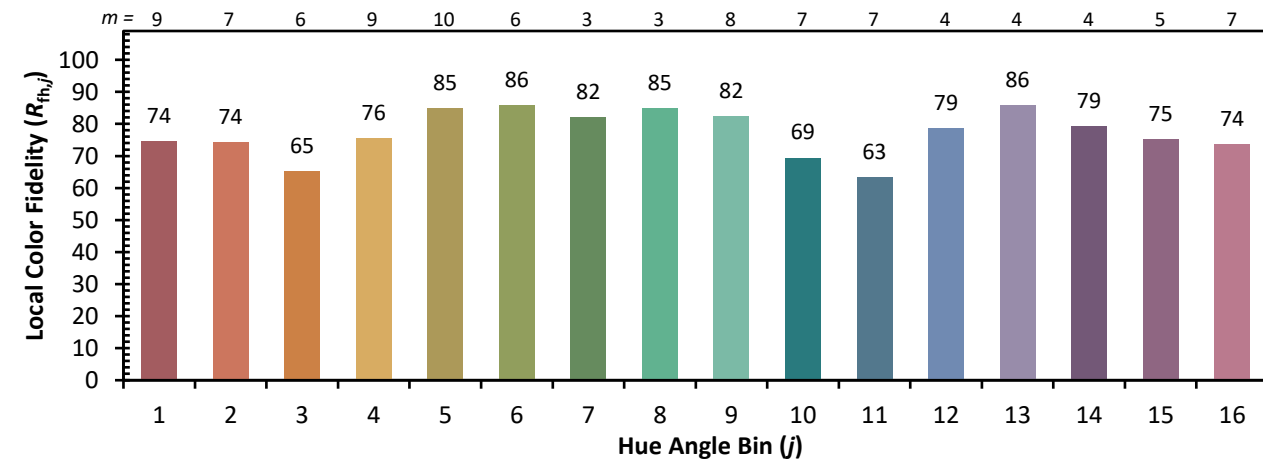
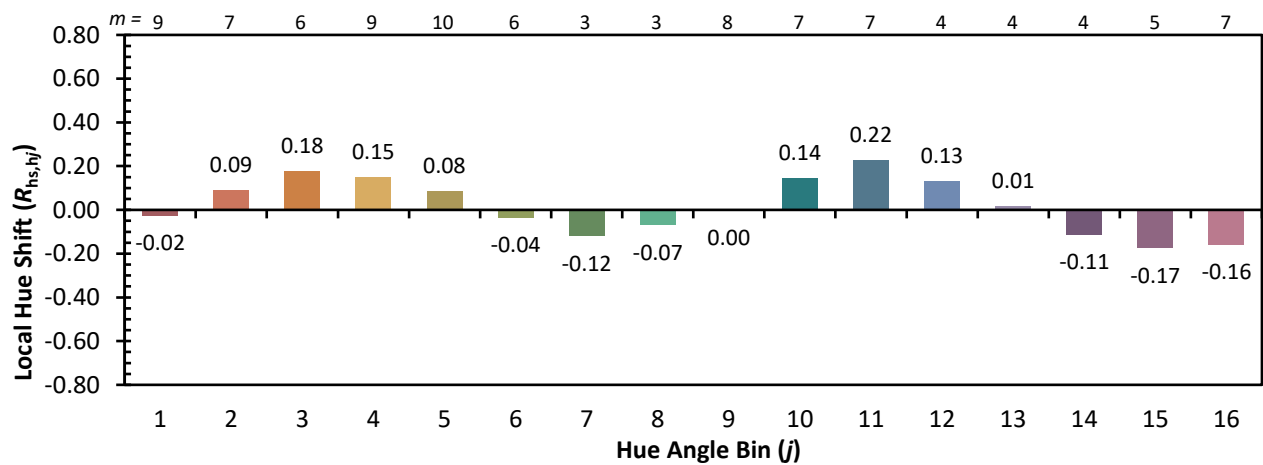
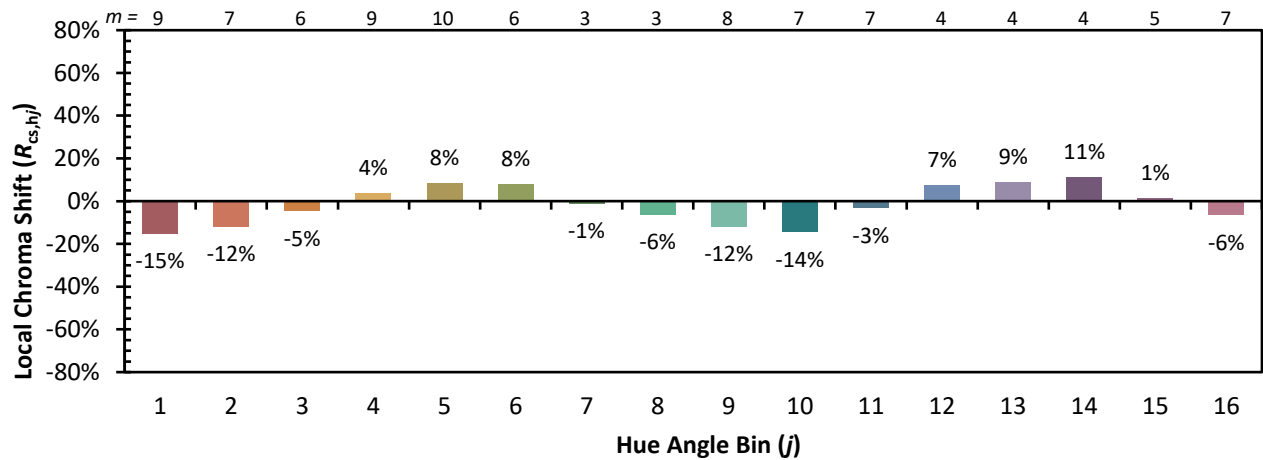


Individual Sample Fidelity Index ($R_{f,i}$)

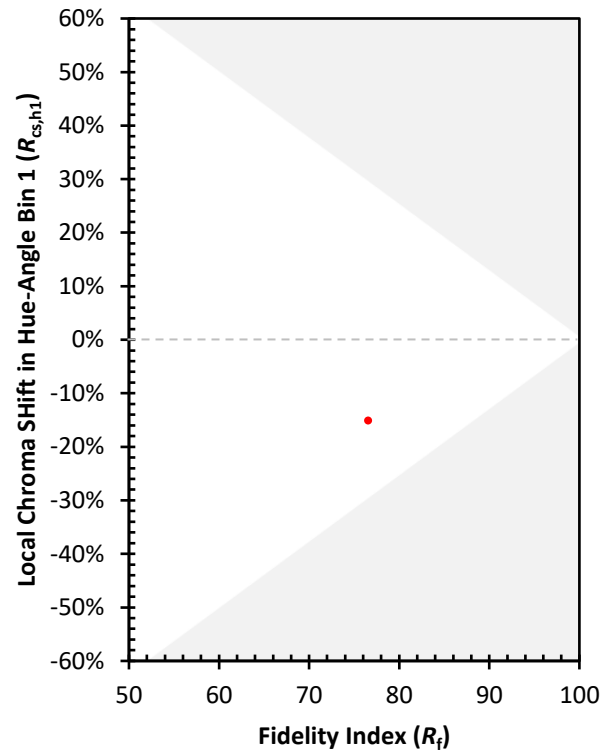
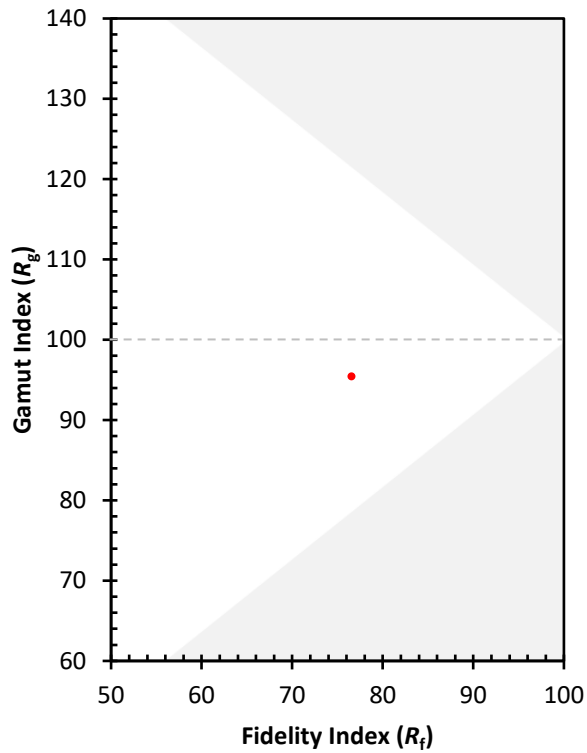
CES01 = 86	CES26 = 67	CES51 = 88	CES76 = 56
CES02 = 62	CES27 = 89	CES52 = 88	CES77 = 75
CES03 = 31	CES28 = 83	CES53 = 78	CES78 = 60
CES04 = 70	CES29 = 69	CES54 = 86	CES79 = 85
CES05 = 48	CES30 = 83	CES55 = 85	CES80 = 82
CES06 = 51	CES31 = 72	CES56 = 75	CES81 = 78
CES07 = 41	CES32 = 65	CES57 = 75	CES82 = 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)