

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: P1445195

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

Issue Date: 05/21/2026

Test Information

Test Method: LM-79-2024
Report Number: P1445195
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-GM
Description: TOPTIER NANO SPIDER MOUNT VISUAL COMFORT LED LUMINAIRE 42W 70CRI 3500K w/
RECTANGULAR WIDE DISTRIBUTION OPTIC
Light Source: 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3560.9 lumens
Efficiency: N/A
Efficacy: 84.6 lumens/watt
Luminous Opening: Circular (Dia: 0.71' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U0 - G2

Input Watts (W): 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

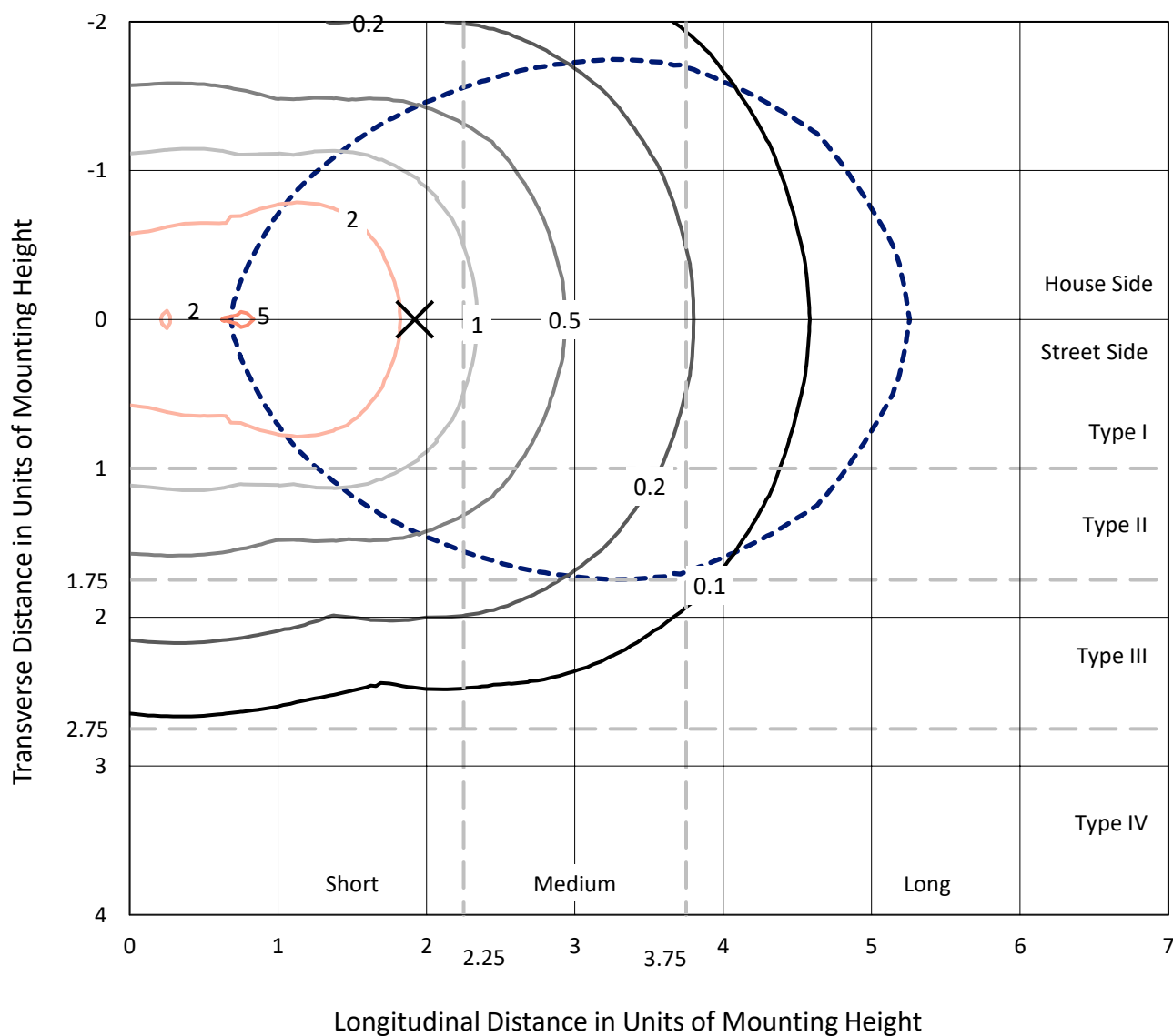
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

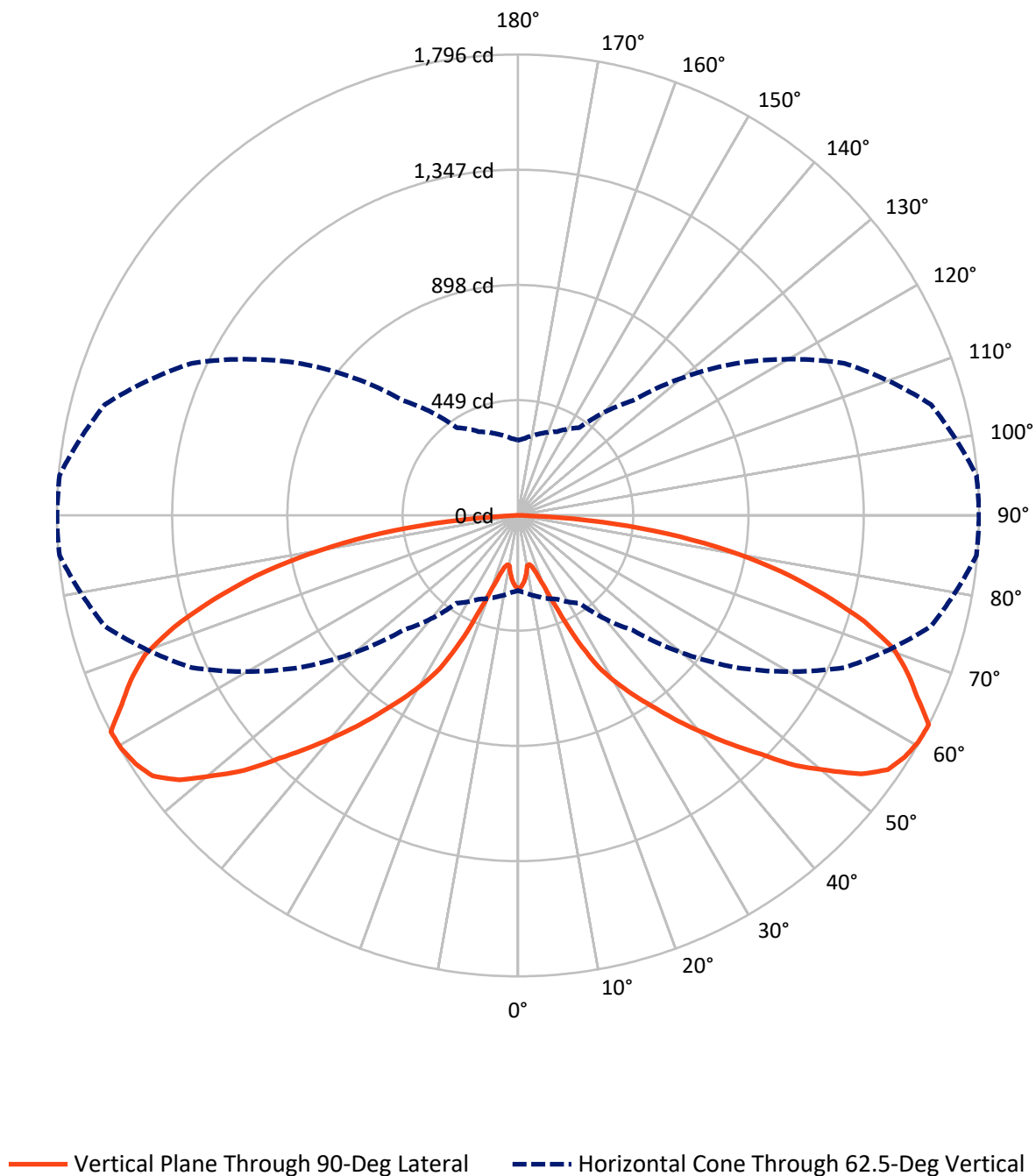


Based on 10 foot mounting height. Maximum calculated value = 5.1 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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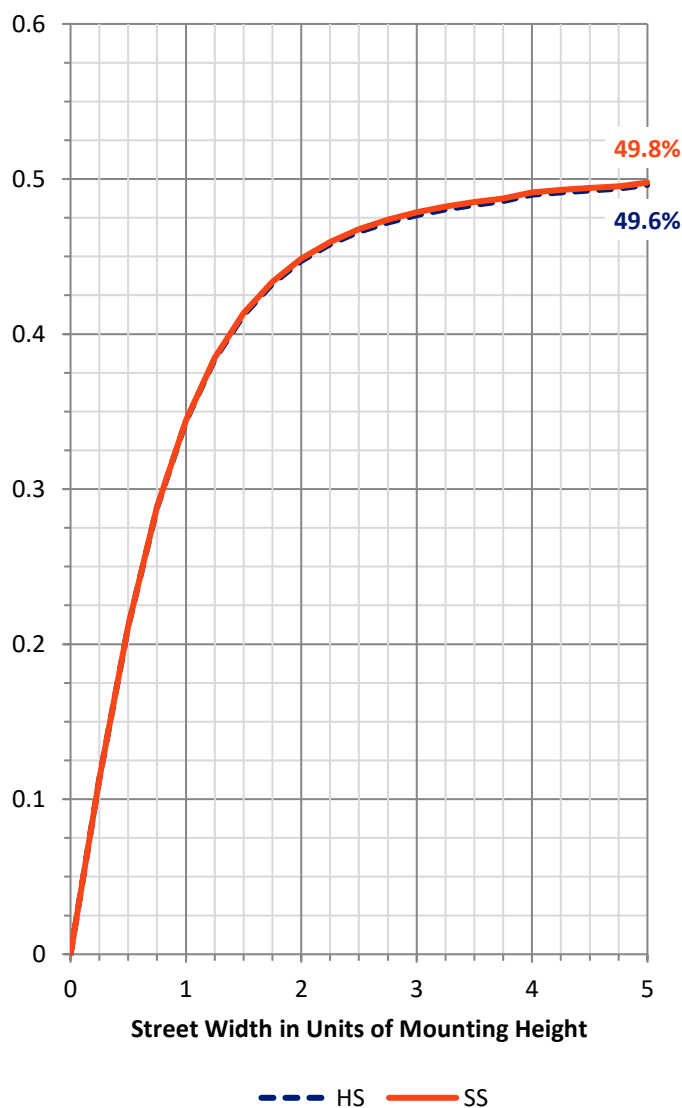
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1780.4	0.0	1780.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1780.5	0.0	1780.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3560.9	0.0	3560.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.4	0.7
10°-20°	74.8	2.1
20°-30°	176.4	5.0
30°-40°	338.6	9.5
40°-50°	555.2	15.6
50°-60°	782.4	22.0
60°-70°	829.4	23.3
70°-80°	610.0	17.1
80°-90°	168.8	4.7
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°	3560.9	100.0
0°-180°	3560.9	100.0

Coefficient of Utilization



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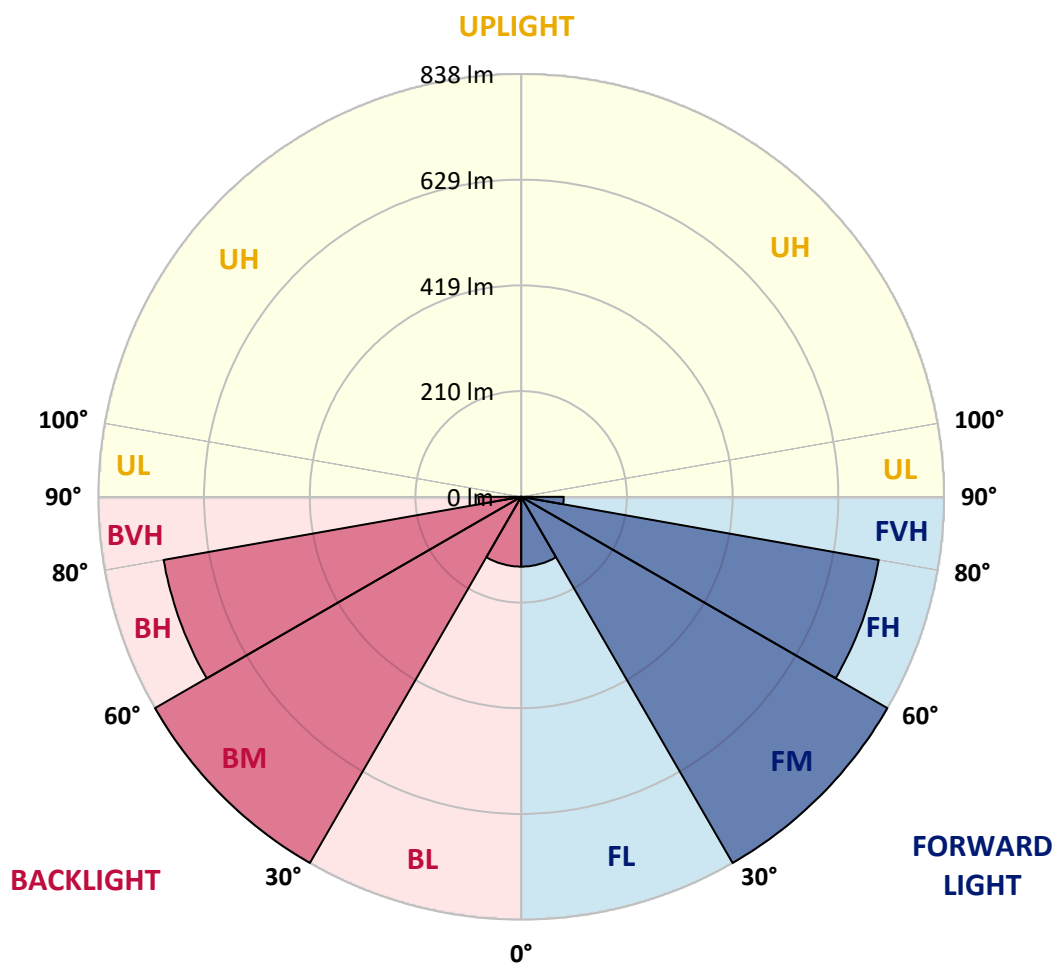
CATALOG NUMBER: TPTN-VA2-735-U-RW-GM

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	138.3	3.9			
FM	(30°-60°)	838.1	23.5			
FH	(60°-80°)	719.7	20.2			G1/1800
FVH	(80°-90°)	84.4	2.4			G1/100
BL	(0°-30°)	138.3	3.9	B1/500		
BM	(30°-60°)	838.0	23.5	B1/1000		
BH	(60°-80°)	719.6	20.2	B2/1000		G2/1000
BVH	(80°-90°)	84.4	2.4			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



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7
2.5°	290.0	290.0	290.0	290.0	290.0	289.3	289.3	289.3	288.7	288.7	288.0
5°	292.6	292.6	292.6	292.6	291.9	291.9	291.3	290.6	290.0	288.7	288.0
7.5°	287.4	287.4	287.4	286.7	286.7	286.1	285.4	284.1	283.5	282.2	280.8
10°	280.2	279.5	278.9	278.2	278.2	277.6	276.9	275.6	274.3	273.0	271.7
12.5°	279.5	279.5	278.9	278.9	278.2	278.2	277.6	276.3	275.6	274.3	273.0
15°	286.7	286.7	286.7	286.7	286.7	286.1	286.1	285.4	284.1	283.5	282.2
17.5°	291.3	291.3	291.3	291.9	292.6	292.6	293.3	293.3	293.3	293.3	293.3
20°	291.3	291.3	291.3	292.6	293.9	294.6	295.9	297.2	298.5	299.8	301.1
22.5°	292.6	293.3	293.3	295.2	296.5	298.5	299.8	301.7	304.4	306.3	308.3
25°	300.4	300.4	300.4	302.4	304.4	305.7	307.6	310.2	312.8	314.8	317.4
27.5°	307.6	308.3	308.9	310.9	313.5	315.5	317.4	320.7	324.6	327.9	331.1
30°	308.3	308.9	309.6	312.8	316.1	319.4	322.6	327.9	333.7	339.0	344.2
32.5°	308.9	310.2	310.9	314.8	318.7	322.0	325.9	332.4	339.6	346.2	352.7
35°	313.5	315.5	316.8	320.7	325.3	329.2	333.1	340.3	347.5	354.7	361.8
37.5°	318.1	320.0	322.0	326.6	331.8	336.4	340.9	348.8	357.3	365.1	372.9
40°	321.3	324.0	325.9	331.8	337.0	342.9	348.1	357.3	366.4	375.6	384.7
42.5°	325.3	327.9	330.5	336.4	342.2	347.5	353.3	363.1	372.9	382.7	392.5
45°	331.1	333.7	336.4	342.2	348.8	354.7	360.5	371.0	381.4	391.2	401.7
47.5°	335.7	338.3	340.3	346.8	354.0	360.5	367.1	377.5	388.6	399.1	409.5
50°	336.4	339.6	342.2	349.4	356.0	363.1	369.7	380.8	392.5	403.6	414.7
52.5°	335.1	338.3	341.6	349.4	356.6	364.4	371.6	383.4	395.1	406.9	418.7
55°	329.8	333.1	335.7	343.5	351.4	359.2	367.1	379.5	391.2	403.6	415.4
57.5°	322.6	325.9	329.2	336.4	342.9	350.1	356.6	367.7	379.5	390.6	401.7
60°	312.8	316.1	319.4	325.9	332.4	338.3	344.9	354.0	363.1	371.6	380.8
62.5°	292.6	297.2	301.1	308.3	315.5	322.0	329.2	337.0	344.9	352.0	359.9
65°	267.8	272.4	276.9	283.5	290.0	296.5	303.1	311.5	320.7	329.2	337.7
67.5°	244.3	248.2	252.1	257.3	263.2	268.4	273.7	282.2	291.3	299.8	308.3
70°	218.8	223.4	227.3	231.9	236.4	240.4	244.9	252.1	259.3	265.8	273.0
72.5°	188.1	192.7	196.6	201.2	205.1	209.7	213.6	219.5	224.7	230.6	235.8
75°	154.8	159.4	163.3	167.2	171.8	175.7	179.6	183.5	188.1	192.0	195.9
77.5°	118.9	122.8	126.7	130.6	135.2	139.1	143.0	146.3	149.6	152.2	155.4
80°	85.6	88.8	92.1	95.4	98.6	101.2	104.5	107.1	109.1	111.7	113.6
82.5°	49.6	53.6	57.5	60.7	64.0	66.6	69.9	71.2	73.2	74.5	75.8
85°	22.2	26.1	29.4	32.0	34.6	36.6	39.2	40.5	41.8	42.5	43.8
87.5°	4.6	7.8	10.5	13.1	15.7	17.6	20.2	20.2	20.9	20.9	20.9
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

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

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

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7
2.5°	288.0	287.4	287.4	286.7	286.1	285.4	284.8	284.1	283.5	283.5	282.8
5°	286.7	286.1	284.8	283.5	282.2	280.2	278.9	276.9	275.0	273.7	271.7
7.5°	279.5	277.6	276.3	274.3	272.4	270.4	268.4	266.5	263.9	261.9	259.3
10°	270.4	268.4	267.1	265.2	262.6	260.6	258.0	255.4	252.1	248.8	245.6
12.5°	271.0	269.1	266.5	264.5	261.9	259.9	257.3	254.7	251.5	248.2	244.9
15°	280.2	278.2	276.3	274.3	271.7	268.4	265.8	262.6	259.3	256.0	252.1
17.5°	291.9	291.3	290.0	288.7	285.4	282.8	279.5	276.3	273.0	269.7	265.8
20°	301.7	303.1	303.7	304.4	302.4	300.4	298.5	296.5	293.9	291.3	288.7
22.5°	310.9	313.5	316.1	318.7	318.7	319.4	319.4	319.4	319.4	320.0	320.0
25°	321.3	324.6	328.5	331.8	334.4	337.7	340.3	342.9	346.8	351.4	355.3
27.5°	335.7	339.6	344.2	348.1	352.0	356.6	360.5	364.4	373.6	383.4	392.5
30°	350.1	356.0	361.2	367.1	371.0	375.6	379.5	383.4	397.8	411.5	425.8
32.5°	360.5	368.4	376.2	384.0	389.9	395.1	401.0	406.2	425.2	444.1	463.1
35°	370.3	379.5	388.0	396.5	404.9	413.4	421.9	430.4	453.9	476.8	500.3
37.5°	381.4	390.6	399.1	407.6	419.3	431.1	442.8	454.6	482.7	510.7	538.8
40°	393.8	403.0	411.5	420.6	434.3	448.0	461.1	474.8	511.4	548.0	583.9
42.5°	402.3	412.8	422.6	432.4	448.7	465.0	481.4	497.7	543.4	588.5	634.2
45°	412.8	423.2	434.3	444.8	465.7	485.9	506.8	527.1	581.3	636.1	690.4
47.5°	420.6	432.4	443.5	454.6	480.7	506.8	532.3	558.4	623.1	687.7	751.8
50°	426.5	437.6	449.4	460.5	491.2	521.9	551.9	582.6	658.4	734.1	809.2
52.5°	430.4	442.8	454.6	466.3	501.6	536.9	572.1	607.4	691.0	775.3	858.9
55°	428.5	440.9	453.9	466.3	507.5	549.3	590.4	631.6	721.7	812.5	902.6
57.5°	415.4	428.5	442.2	455.2	501.0	546.7	592.4	638.1	734.8	830.8	927.4
60°	395.1	409.5	423.2	437.6	487.2	536.2	585.9	634.8	733.5	832.1	930.1
62.5°	374.2	388.6	403.0	417.4	470.9	525.1	578.7	632.2	732.2	832.1	931.4
65°	350.7	363.1	376.2	388.6	444.1	499.6	555.2	610.7	710.0	809.2	908.5
67.5°	320.7	333.1	345.5	357.9	414.7	471.6	527.7	584.6	676.6	768.7	860.2
70°	286.7	300.4	314.2	327.9	384.0	439.6	495.7	551.2	634.8	717.8	801.4
72.5°	249.5	263.9	277.6	291.3	344.9	399.1	452.6	506.2	582.6	658.4	734.8
75°	209.0	222.1	235.1	248.2	296.5	344.2	392.5	440.2	509.4	579.3	648.6
77.5°	166.5	177.7	188.8	199.9	241.0	281.5	322.6	363.1	420.6	477.4	534.9
80°	123.4	133.2	143.0	152.8	184.2	215.5	246.9	278.2	323.3	368.4	412.8
82.5°	82.9	90.1	97.3	104.5	126.1	147.6	168.5	190.1	222.1	254.7	286.7
85°	47.0	50.9	54.2	57.5	67.3	76.4	86.2	95.4	111.0	127.4	143.0
87.5°	20.9	21.6	21.6	21.6	21.6	21.6	21.6	21.6	22.2	22.2	22.9
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: P1445195

CATALOG NUMBER: TPTN-VA2-735-U-RW-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: P1445195

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

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7
2.5°	282.2	281.5	280.8	280.2	279.5	279.5	278.9	278.9	278.2	277.6	277.6
5°	269.7	268.4	267.1	265.2	263.9	262.6	261.9	260.6	259.3	259.3	258.6
7.5°	256.7	254.1	251.5	248.8	246.2	243.6	241.7	239.0	236.4	235.8	234.5
10°	242.3	238.4	234.5	229.9	226.0	222.1	218.1	213.6	209.7	207.0	205.1
12.5°	241.7	237.7	233.8	229.9	226.0	222.1	218.1	213.6	209.7	207.0	203.8
15°	248.8	245.6	242.3	238.4	235.1	231.9	228.6	224.7	221.4	218.8	215.5
17.5°	262.6	260.6	258.6	256.0	254.1	252.1	250.1	248.2	246.2	244.3	243.0
20°	286.1	286.1	286.1	286.1	286.1	288.0	290.0	291.3	293.3	295.2	296.5
22.5°	320.0	324.0	327.2	331.1	334.4	342.9	350.7	359.2	367.1	374.2	382.1
25°	359.2	370.3	381.4	391.9	403.0	421.9	440.9	459.2	478.1	493.1	508.1
27.5°	401.7	420.6	439.6	457.8	476.8	504.2	532.3	559.7	587.2	605.5	624.4
30°	439.6	465.0	490.5	515.3	540.8	574.1	608.1	641.4	674.7	694.3	713.9
32.5°	482.0	514.0	546.7	578.7	610.7	646.6	682.5	718.4	754.4	774.6	794.2
35°	523.2	563.7	604.1	644.0	684.5	723.0	762.2	800.7	839.3	860.2	881.1
37.5°	566.9	616.6	666.2	715.8	765.5	807.3	848.4	890.2	931.4	951.6	971.2
40°	620.5	677.3	734.8	791.6	848.4	893.5	938.5	983.6	1028.7	1048.9	1069.8
42.5°	679.3	743.9	807.9	872.6	936.6	985.6	1035.2	1084.2	1133.2	1153.4	1173.7
45°	744.6	817.7	891.5	964.7	1037.8	1088.8	1139.7	1190.0	1240.9	1262.5	1283.4
47.5°	816.4	896.1	975.8	1054.8	1134.5	1189.4	1244.9	1299.7	1354.6	1378.8	1403.6
50°	885.0	971.9	1058.7	1145.6	1232.5	1289.9	1347.4	1404.9	1462.4	1485.2	1507.4
52.5°	942.5	1039.1	1136.4	1233.1	1329.8	1386.6	1444.1	1500.9	1557.7	1584.5	1611.9
55°	992.8	1090.1	1188.0	1285.4	1382.7	1444.7	1507.4	1569.5	1631.5	1657.0	1683.1
57.5°	1023.5	1122.7	1221.4	1320.6	1419.3	1479.3	1539.4	1599.5	1659.6	1685.1	1711.2
60°	1028.7	1129.3	1229.8	1329.8	1430.4	1486.5	1542.0	1598.2	1653.7	1685.1	1716.4
62.5°	1031.3	1124.0	1216.8	1309.5	1402.3	1468.2	1534.2	1600.2	1666.1	1697.5	1729.5
65°	1007.8	1100.5	1192.6	1285.4	1377.5	1440.2	1502.2	1564.9	1626.9	1646.5	1666.1
67.5°	952.3	1047.6	1142.3	1237.7	1332.4	1378.1	1423.2	1468.9	1514.0	1539.4	1564.9
70°	884.3	971.9	1060.0	1147.6	1235.1	1280.1	1325.9	1370.9	1416.0	1446.7	1478.0
72.5°	810.5	884.3	958.8	1032.6	1106.4	1156.7	1207.0	1256.6	1306.9	1332.4	1357.9
75°	717.8	781.8	845.2	909.2	972.5	1015.6	1058.1	1101.2	1143.6	1165.2	1186.7
77.5°	591.7	647.3	702.1	757.6	812.5	848.4	884.3	919.6	955.5	975.1	994.1
80°	457.8	502.3	546.7	590.4	634.8	666.2	697.5	728.2	759.6	774.6	789.6
82.5°	318.7	350.1	381.4	412.8	444.1	468.3	492.5	516.6	540.8	551.2	562.3
85°	158.7	176.3	194.0	211.0	228.6	245.6	262.6	278.9	295.9	303.1	310.2
87.5°	22.9	24.2	25.5	26.1	27.4	28.7	30.7	32.0	33.3	37.2	41.1
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: P1445195

CATALOG NUMBER: TPTN-VA2-735-U-RW-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: P1445195

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

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7
2.5°	276.9	276.3	276.3	276.3	276.3	276.3	276.9	277.6	277.6	278.2	278.9
5°	258.6	258.0	258.0	258.0	258.0	258.0	258.6	258.6	259.3	259.3	260.6
7.5°	233.8	232.5	231.9	231.2	231.9	232.5	233.8	234.5	235.8	236.4	239.0
10°	202.5	199.9	199.9	199.2	199.9	199.9	202.5	205.1	207.0	209.7	213.6
12.5°	201.2	197.9	197.2	195.9	197.2	197.9	201.2	203.8	207.0	209.7	213.6
15°	212.9	209.7	209.0	207.7	209.0	209.7	212.9	215.5	218.8	221.4	224.7
17.5°	241.0	239.0	239.7	240.4	239.7	239.0	241.0	243.0	244.3	246.2	248.2
20°	298.5	299.8	299.8	299.1	299.8	299.8	298.5	296.5	295.2	293.3	291.3
22.5°	389.3	396.5	399.7	402.3	399.7	396.5	389.3	382.1	374.2	367.1	359.2
25°	522.5	537.5	540.1	542.8	540.1	537.5	522.5	508.1	493.1	478.1	459.2
27.5°	642.7	661.0	665.5	669.5	665.5	661.0	642.7	623.7	605.5	587.2	559.7
30°	732.8	752.4	755.0	757.0	755.0	752.4	732.8	713.2	694.3	674.7	641.4
32.5°	814.5	834.0	836.0	838.0	836.0	834.0	813.8	794.2	774.6	754.4	718.4
35°	901.3	922.2	922.2	921.6	922.2	922.2	901.3	880.4	860.2	839.3	800.7
37.5°	991.5	1011.0	1015.0	1018.2	1015.0	1011.0	990.8	971.2	951.6	931.4	890.2
40°	1090.1	1110.3	1112.3	1113.6	1112.3	1110.3	1090.1	1069.2	1048.9	1028.7	983.6
42.5°	1193.3	1213.5	1216.1	1218.7	1216.1	1213.5	1193.3	1173.0	1153.4	1133.2	1084.2
45°	1305.0	1325.9	1326.5	1326.5	1326.5	1325.9	1304.3	1283.4	1262.5	1240.9	1190.0
47.5°	1427.7	1451.9	1453.9	1455.8	1453.9	1451.9	1427.7	1402.9	1378.8	1354.6	1299.7
50°	1530.3	1552.5	1557.1	1561.0	1557.1	1552.5	1529.6	1507.4	1485.2	1462.4	1404.9
52.5°	1638.7	1665.5	1669.4	1673.3	1669.4	1665.5	1638.7	1611.3	1584.5	1557.7	1500.9
55°	1708.6	1734.1	1741.2	1747.8	1741.2	1734.1	1708.6	1682.5	1657.0	1631.5	1569.5
57.5°	1736.7	1762.1	1769.3	1775.9	1769.3	1762.1	1736.7	1710.5	1685.1	1659.6	1599.5
60°	1747.1	1778.5	1785.0	1791.5	1785.0	1778.5	1747.1	1715.8	1685.1	1653.7	1598.2
62.5°	1760.8	1792.2	1794.2	1795.5	1794.2	1792.2	1760.8	1728.8	1697.5	1666.1	1600.2
65°	1685.1	1704.7	1707.3	1709.2	1707.3	1704.7	1685.1	1665.5	1646.5	1626.9	1564.9
67.5°	1589.7	1615.2	1626.3	1636.7	1625.6	1615.2	1589.7	1564.2	1539.4	1514.0	1468.9
70°	1508.7	1539.4	1545.3	1550.5	1545.3	1539.4	1508.7	1477.4	1446.7	1416.0	1370.9
72.5°	1383.3	1408.8	1408.8	1408.8	1408.8	1408.8	1383.3	1357.9	1332.4	1306.9	1256.6
75°	1208.3	1229.8	1230.5	1231.2	1230.5	1229.8	1208.3	1186.7	1165.2	1143.6	1101.2
77.5°	1013.7	1032.6	1040.4	1047.6	1040.4	1032.6	1013.0	994.1	975.1	955.5	919.6
80°	804.7	819.7	824.9	830.1	824.9	819.7	804.7	789.6	774.6	759.6	728.2
82.5°	572.8	583.2	585.9	588.5	585.9	583.2	572.8	562.3	551.2	540.8	516.6
85°	316.8	324.0	326.6	328.5	326.6	324.0	316.8	310.2	303.1	295.9	278.9
87.5°	44.4	48.3	46.4	44.4	46.4	48.3	44.4	41.1	37.2	33.3	32.0
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: P1445195

CATALOG NUMBER: TPTN-VA2-735-U-RW-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: P1445195

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

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7
2.5°	278.9	279.5	279.5	280.2	280.8	281.5	282.2	282.8	283.5	283.5	284.1
5°	261.9	262.6	263.9	265.2	267.1	268.4	269.7	271.7	273.7	275.0	276.9
7.5°	241.7	243.6	246.2	248.8	251.5	254.1	256.7	259.3	261.9	263.9	266.5
10°	218.1	222.1	226.0	229.9	234.5	238.4	242.3	245.6	248.8	252.1	255.4
12.5°	218.1	222.1	226.0	229.9	233.8	237.7	241.7	244.9	248.2	251.5	254.7
15°	228.6	231.9	235.1	238.4	242.3	245.6	248.8	252.1	256.0	259.3	262.6
17.5°	250.1	252.1	254.1	256.0	258.6	260.6	262.6	265.8	269.7	273.0	276.3
20°	290.0	288.0	286.1	286.1	286.1	286.1	286.1	288.7	291.3	293.9	296.5
22.5°	350.7	342.9	334.4	331.1	327.2	324.0	320.0	320.0	320.0	319.4	319.4
25°	440.9	421.9	403.0	391.9	380.8	370.3	359.2	355.3	351.4	346.8	342.9
27.5°	532.3	504.2	476.8	457.8	438.9	420.6	401.7	392.5	383.4	373.6	364.4
30°	608.1	574.1	540.8	515.3	489.8	465.0	439.6	425.2	411.5	397.8	383.4
32.5°	682.5	646.6	610.7	578.7	546.0	514.0	482.0	463.1	444.1	425.2	406.2
35°	762.2	723.0	684.5	644.0	603.5	563.7	523.2	499.6	476.8	453.9	430.4
37.5°	848.4	807.3	765.5	715.8	666.2	616.6	566.9	538.8	510.7	482.7	454.6
40°	938.5	893.5	848.4	791.6	734.1	677.3	620.5	583.9	548.0	511.4	474.8
42.5°	1035.2	985.6	936.6	871.9	807.9	743.3	679.3	633.5	588.5	543.4	497.7
45°	1139.7	1088.8	1037.8	964.7	890.9	817.7	744.6	690.4	636.1	581.3	527.1
47.5°	1244.9	1189.4	1134.5	1054.8	975.1	896.1	816.4	751.8	687.7	623.1	558.4
50°	1347.4	1289.9	1232.5	1145.6	1058.7	971.9	885.0	809.2	734.1	658.4	582.6
52.5°	1444.1	1386.6	1329.8	1233.1	1135.8	1039.1	942.5	858.9	775.3	691.0	607.4
55°	1507.4	1444.7	1382.7	1285.4	1187.4	1090.1	992.8	902.6	812.5	721.7	631.6
57.5°	1539.4	1479.3	1419.3	1320.0	1221.4	1122.1	1023.5	926.8	830.8	734.8	638.1
60°	1542.0	1486.5	1430.4	1329.8	1229.2	1129.3	1028.7	930.1	832.1	733.5	634.8
62.5°	1534.2	1468.2	1402.3	1309.5	1216.8	1124.0	1031.3	931.4	832.1	732.2	632.2
65°	1502.2	1440.2	1377.5	1284.7	1192.6	1099.9	1007.8	908.5	809.2	710.0	610.7
67.5°	1423.2	1378.1	1332.4	1237.0	1142.3	1047.0	952.3	860.2	768.7	676.6	584.6
70°	1325.9	1280.1	1235.1	1147.6	1059.4	971.9	884.3	800.7	717.8	634.8	551.2
72.5°	1207.0	1156.7	1106.4	1032.6	958.1	884.3	810.5	734.1	658.4	582.6	506.2
75°	1058.1	1015.6	972.5	908.5	845.2	781.1	717.8	648.6	579.3	509.4	440.2
77.5°	884.3	848.4	812.5	757.0	702.1	646.6	591.7	534.3	477.4	420.6	363.1
80°	697.5	666.2	634.8	590.4	546.0	502.3	457.8	412.8	368.4	323.3	278.2
82.5°	492.5	468.3	444.1	412.8	381.4	350.1	318.7	286.7	254.7	222.1	190.1
85°	262.6	245.6	228.6	211.0	193.3	176.3	158.7	143.0	127.4	111.0	95.4
87.5°	30.7	28.7	27.4	26.1	25.5	24.2	22.9	22.9	22.2	22.2	21.6
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: P1445195

CATALOG NUMBER: TPTN-VA2-735-U-RW-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: P1445195

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

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7
2.5°	284.8	285.4	286.1	286.7	287.4	287.4	288.0	288.0	288.7	288.7	289.3
5°	278.9	280.2	282.2	283.5	284.8	286.1	286.7	288.0	288.7	290.0	290.6
7.5°	268.4	270.4	272.4	274.3	276.3	277.6	279.5	280.8	282.2	283.5	284.1
10°	258.0	260.6	262.6	265.2	267.1	268.4	270.4	271.7	273.0	274.3	275.6
12.5°	257.3	259.9	261.9	264.5	266.5	269.1	271.0	273.0	274.3	275.6	276.3
15°	265.8	268.4	271.7	274.3	276.3	278.2	280.2	282.2	283.5	284.1	285.4
17.5°	279.5	282.8	285.4	288.7	290.0	291.3	291.9	293.3	293.3	293.3	293.3
20°	298.5	300.4	302.4	304.4	303.7	303.1	301.7	301.1	299.8	298.5	297.2
22.5°	319.4	319.4	318.7	318.7	316.1	313.5	310.9	308.3	306.3	304.4	301.7
25°	340.3	337.7	334.4	331.8	328.5	324.6	321.3	317.4	314.8	312.8	310.2
27.5°	360.5	356.6	352.0	348.1	344.2	339.6	335.7	331.1	327.9	324.6	320.7
30°	379.5	375.6	371.0	367.1	361.2	356.0	350.1	344.2	339.0	333.7	327.9
32.5°	401.0	395.1	389.9	384.0	376.2	368.4	360.5	352.7	346.2	339.6	332.4
35°	421.9	413.4	404.9	396.5	388.0	379.5	370.3	361.8	354.7	347.5	340.3
37.5°	442.8	431.1	419.3	407.6	399.1	390.6	381.4	372.9	365.1	357.3	348.8
40°	461.1	448.0	434.3	420.6	411.5	403.0	393.8	384.7	375.6	366.4	357.3
42.5°	481.4	465.0	448.7	432.4	422.6	412.8	402.3	392.5	382.7	372.9	363.1
45°	506.8	485.9	465.7	444.8	434.3	423.2	412.8	401.7	391.2	381.4	371.0
47.5°	532.3	506.8	480.7	454.6	443.5	432.4	420.6	409.5	399.1	388.6	377.5
50°	551.9	521.9	491.2	460.5	449.4	437.6	426.5	414.7	403.6	392.5	380.8
52.5°	572.1	536.9	501.6	466.3	454.6	442.8	430.4	418.7	406.9	395.1	383.4
55°	590.4	549.3	507.5	466.3	453.9	440.9	428.5	415.4	403.6	391.2	379.5
57.5°	592.4	546.7	501.0	455.2	442.2	428.5	415.4	401.7	390.6	379.5	367.7
60°	585.9	536.2	487.2	437.6	423.2	409.5	395.1	380.8	371.6	363.1	354.0
62.5°	578.7	525.1	470.9	417.4	403.0	388.6	374.2	359.9	352.0	344.9	337.0
65°	555.2	499.6	444.1	388.6	376.2	363.1	350.7	337.7	329.2	320.7	311.5
67.5°	527.7	471.6	414.7	357.9	345.5	333.1	320.7	308.3	299.8	291.3	282.2
70°	495.7	439.6	384.0	327.9	314.2	300.4	286.7	273.0	265.8	259.3	252.1
72.5°	452.6	399.1	344.9	291.3	277.6	263.9	249.5	235.8	230.6	224.7	219.5
75°	392.5	344.2	296.5	248.2	235.1	222.1	209.0	195.9	192.0	188.1	183.5
77.5°	322.6	281.5	241.0	199.9	188.8	177.7	166.5	155.4	152.2	149.6	146.3
80°	246.9	215.5	184.2	152.8	143.0	133.2	123.4	113.6	111.7	109.1	107.1
82.5°	168.5	147.6	126.1	104.5	97.3	90.1	82.9	75.8	74.5	73.2	71.2
85°	86.2	76.4	67.3	57.5	54.2	50.9	47.0	43.8	42.5	41.8	40.5
87.5°	21.6	21.6	21.6	21.6	21.6	21.6	20.9	20.9	20.9	20.9	20.2
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: P1445195

CATALOG NUMBER: TPTN-VA2-735-U-RW-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: P1445195

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

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7
2.5°	289.3	289.3	290.0	290.0	290.0	290.0	290.0	290.0	290.0	290.0	290.0
5°	291.3	291.9	291.9	292.6	292.6	292.6	292.6	292.6	292.6	292.6	291.9
7.5°	285.4	286.1	286.7	286.7	287.4	287.4	287.4	287.4	287.4	286.7	286.7
10°	276.9	277.6	278.2	278.2	278.9	279.5	280.2	279.5	278.9	278.2	278.2
12.5°	277.6	278.2	278.2	278.9	278.9	279.5	279.5	279.5	278.9	278.9	278.2
15°	286.1	286.1	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7
17.5°	293.3	292.6	292.6	291.9	291.3	291.3	291.3	291.3	291.3	291.9	292.6
20°	295.9	294.6	293.9	292.6	291.3	291.3	291.3	291.3	291.3	292.6	293.9
22.5°	299.8	298.5	296.5	295.2	293.3	293.3	292.6	293.3	293.3	295.2	296.5
25°	307.6	305.7	304.4	302.4	300.4	300.4	300.4	300.4	300.4	302.4	304.4
27.5°	317.4	315.5	313.5	310.9	308.9	308.3	307.6	308.3	308.9	310.9	313.5
30°	322.6	319.4	316.1	312.8	309.6	308.9	308.3	308.9	309.6	312.8	316.1
32.5°	325.9	322.0	318.7	314.8	310.9	310.2	308.9	310.2	310.9	314.8	318.7
35°	333.1	329.2	325.3	320.7	316.8	315.5	313.5	315.5	316.8	320.7	325.3
37.5°	340.9	336.4	331.8	326.6	322.0	320.0	318.1	320.0	322.0	326.6	331.8
40°	348.1	342.9	337.0	331.1	325.9	323.3	321.3	324.0	325.9	331.8	337.0
42.5°	353.3	347.5	342.2	336.4	330.5	327.9	325.3	327.9	330.5	336.4	342.2
45°	360.5	354.7	348.8	342.2	336.4	333.7	331.1	333.7	336.4	342.2	348.8
47.5°	367.1	360.5	354.0	346.8	340.3	337.7	335.7	338.3	340.3	346.8	354.0
50°	369.7	363.1	356.0	348.8	342.2	339.0	336.4	339.6	342.2	349.4	356.0
52.5°	371.6	364.4	356.6	348.8	341.6	338.3	335.1	338.3	341.6	349.4	356.6
55°	367.1	359.2	351.4	343.5	335.7	332.4	329.8	333.1	335.7	343.5	351.4
57.5°	356.6	350.1	342.9	335.7	329.2	325.9	322.6	325.9	329.2	336.4	342.9
60°	344.9	338.3	332.4	325.9	319.4	316.1	312.8	316.1	319.4	325.9	332.4
62.5°	329.2	322.0	315.5	308.3	301.1	296.5	292.6	297.2	301.1	308.3	315.5
65°	303.1	296.5	290.0	283.5	276.9	272.4	267.8	272.4	276.9	283.5	290.0
67.5°	273.7	268.4	263.2	257.3	252.1	248.2	244.3	248.2	252.1	257.3	263.2
70°	244.9	240.4	236.4	231.9	227.3	222.7	218.8	223.4	227.3	231.9	236.4
72.5°	213.6	209.7	205.1	200.5	196.6	192.0	188.1	192.7	196.6	201.2	205.1
75°	179.6	175.7	171.8	167.2	163.3	158.7	154.8	159.4	163.3	167.2	171.8
77.5°	143.0	139.1	135.2	130.6	126.7	122.8	118.9	122.8	126.7	130.6	135.2
80°	104.5	101.2	98.6	95.4	92.1	88.8	85.6	88.8	92.1	95.4	98.6
82.5°	69.9	66.6	64.0	60.7	57.5	53.6	49.6	53.6	57.5	60.7	64.0
85°	39.2	36.6	34.6	32.0	29.4	25.5	22.2	26.1	29.4	32.0	34.6
87.5°	20.2	17.6	15.7	13.1	10.5	7.2	4.6	7.8	10.5	13.1	15.7
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: P1445195

CATALOG NUMBER: TPTN-VA2-735-U-RW-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: P1445195

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

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7
2.5°	289.3	289.3	289.3	288.7	288.7	288.0	288.0	287.4	287.4	286.7	286.1
5°	291.9	291.3	290.6	290.0	288.7	288.0	286.7	286.1	284.8	283.5	282.2
7.5°	286.1	285.4	284.1	283.5	282.2	280.8	279.5	277.6	276.3	274.3	272.4
10°	277.6	276.9	275.6	274.3	273.0	271.7	270.4	268.4	267.1	265.2	262.6
12.5°	278.2	277.6	276.3	275.6	274.3	273.0	271.0	269.1	266.5	264.5	261.9
15°	286.1	286.1	285.4	284.1	283.5	282.2	280.2	278.2	276.3	274.3	271.7
17.5°	292.6	293.3	293.3	293.3	293.3	293.3	291.9	291.3	290.0	288.7	285.4
20°	294.6	295.9	297.2	298.5	299.8	301.1	301.7	303.1	303.7	304.4	302.4
22.5°	298.5	299.8	301.7	304.4	306.3	308.3	310.9	313.5	316.1	318.7	318.7
25°	305.7	307.6	310.2	312.8	314.8	317.4	321.3	324.6	328.5	331.8	334.4
27.5°	315.5	317.4	320.7	324.6	327.9	331.1	335.7	339.6	344.2	348.1	352.0
30°	319.4	322.6	327.9	333.7	339.0	344.2	350.1	356.0	361.2	367.1	371.0
32.5°	322.0	325.9	332.4	339.6	346.2	352.7	360.5	368.4	376.2	384.0	389.9
35°	329.2	333.1	340.3	347.5	354.7	361.8	370.3	379.5	388.0	396.5	404.9
37.5°	336.4	340.9	348.8	357.3	365.1	372.9	381.4	390.6	399.1	407.6	419.3
40°	342.9	348.1	357.3	366.4	375.6	384.7	393.8	403.0	411.5	420.6	434.3
42.5°	347.5	353.3	363.1	372.9	382.7	392.5	402.3	412.8	422.6	432.4	448.7
45°	354.7	360.5	371.0	381.4	391.2	401.7	412.8	423.2	434.3	444.8	465.7
47.5°	360.5	367.1	377.5	388.6	399.1	409.5	420.6	432.4	443.5	454.6	480.7
50°	363.1	369.7	380.8	392.5	403.6	414.7	426.5	437.6	449.4	460.5	491.2
52.5°	364.4	371.6	383.4	395.1	406.9	418.7	430.4	442.8	454.6	466.3	501.6
55°	359.2	367.1	379.5	391.2	403.6	415.4	428.5	440.9	453.9	466.3	507.5
57.5°	350.1	356.6	367.7	379.5	390.6	401.7	415.4	428.5	442.2	455.2	501.0
60°	338.3	344.9	354.0	363.1	371.6	380.8	395.1	409.5	423.2	437.6	487.2
62.5°	322.0	329.2	337.0	344.9	352.0	359.9	374.2	388.6	403.0	417.4	470.9
65°	296.5	303.1	311.5	320.7	329.2	337.7	350.7	363.1	376.2	388.6	444.1
67.5°	268.4	273.7	282.2	291.3	299.8	308.3	320.7	333.1	345.5	357.9	414.7
70°	240.4	244.9	252.1	259.3	265.8	273.0	286.7	300.4	314.2	327.9	384.0
72.5°	209.7	213.6	219.5	224.7	230.6	235.8	249.5	263.9	277.6	291.3	344.9
75°	175.7	179.6	183.5	188.1	192.0	195.9	209.0	222.1	235.1	248.2	296.5
77.5°	139.1	143.0	146.3	149.6	152.2	155.4	166.5	177.7	188.8	199.9	241.0
80°	101.2	104.5	107.1	109.1	111.7	113.6	123.4	133.2	143.0	152.8	184.2
82.5°	66.6	69.9	71.2	73.2	74.5	75.8	82.9	90.1	97.3	104.5	126.1
85°	36.6	39.2	40.5	41.8	42.5	43.8	47.0	50.9	54.2	57.5	67.3
87.5°	17.6	20.2	20.2	20.9	20.9	20.9	20.9	21.6	21.6	21.6	21.6
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: P1445195

CATALOG NUMBER: TPTN-VA2-735-U-RW-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: P1445195

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

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7
2.5°	285.4	284.8	284.1	283.5	283.5	282.8	282.2	281.5	280.8	280.2	279.5
5°	280.2	278.9	276.9	275.0	273.7	271.7	269.7	268.4	267.1	265.2	263.9
7.5°	270.4	268.4	266.5	263.9	261.9	259.3	256.7	254.1	251.5	248.8	246.2
10°	260.6	258.0	255.4	252.1	248.8	245.6	242.3	238.4	234.5	229.9	226.0
12.5°	259.9	257.3	254.7	251.5	248.2	244.9	241.7	237.7	233.8	229.9	226.0
15°	268.4	265.8	262.6	259.3	256.0	252.1	248.8	245.6	242.3	238.4	235.1
17.5°	282.8	279.5	276.3	273.0	269.7	265.8	262.6	260.6	258.6	256.0	254.1
20°	300.4	298.5	296.5	293.9	291.3	288.7	286.1	286.1	286.1	286.1	286.1
22.5°	319.4	319.4	319.4	319.4	320.0	320.0	320.0	324.0	327.2	331.1	334.4
25°	337.7	340.3	342.9	346.8	351.4	355.3	359.2	370.3	381.4	391.9	403.0
27.5°	356.6	360.5	364.4	373.6	383.4	392.5	401.7	420.6	439.6	457.8	476.8
30°	375.6	379.5	383.4	397.8	411.5	425.8	439.6	465.0	490.5	515.3	540.8
32.5°	395.1	401.0	406.2	425.2	444.1	463.1	482.0	514.0	546.7	578.7	610.7
35°	413.4	421.9	430.4	453.9	476.8	500.3	523.2	563.7	604.1	644.0	684.5
37.5°	431.1	442.8	454.6	482.7	510.7	538.8	566.9	616.6	666.2	715.8	765.5
40°	448.0	461.1	474.8	511.4	548.0	583.9	620.5	677.3	734.8	791.6	848.4
42.5°	465.0	481.4	497.7	543.4	588.5	634.2	679.3	743.9	807.9	872.6	936.6
45°	485.9	506.8	527.1	581.3	636.1	690.4	744.6	817.7	891.5	964.7	1037.8
47.5°	506.8	532.3	558.4	623.1	687.7	751.8	816.4	896.1	975.8	1054.8	1134.5
50°	521.9	551.9	582.6	658.4	734.1	809.2	885.0	971.9	1058.7	1145.6	1232.5
52.5°	536.9	572.1	607.4	691.0	775.3	858.9	942.5	1039.1	1136.4	1233.1	1329.8
55°	549.3	590.4	631.6	721.7	812.5	902.6	992.8	1090.1	1188.0	1285.4	1382.7
57.5°	546.7	592.4	638.1	734.8	830.8	927.4	1023.5	1122.7	1221.4	1320.6	1419.3
60°	536.2	585.9	634.8	733.5	832.1	930.1	1028.7	1129.3	1229.8	1329.8	1430.4
62.5°	525.1	578.7	632.2	732.2	832.1	931.4	1031.3	1124.0	1216.8	1309.5	1402.3
65°	499.6	555.2	610.7	710.0	809.2	908.5	1007.8	1100.5	1192.6	1285.4	1377.5
67.5°	471.6	527.7	584.6	676.6	768.7	860.2	952.3	1047.6	1142.3	1237.7	1332.4
70°	439.6	495.7	551.2	634.8	717.8	801.4	884.3	971.9	1060.0	1147.6	1235.1
72.5°	399.1	452.6	506.2	582.6	658.4	734.8	810.5	884.3	958.8	1032.6	1106.4
75°	344.2	392.5	440.2	509.4	579.3	648.6	717.8	781.8	845.2	909.2	972.5
77.5°	281.5	322.6	363.1	420.6	477.4	534.9	591.7	647.3	702.1	757.6	812.5
80°	215.5	246.9	278.2	323.3	368.4	412.8	457.8	502.3	546.7	590.4	634.8
82.5°	147.6	168.5	190.1	222.1	254.7	286.7	318.7	350.1	381.4	412.8	444.1
85°	76.4	86.2	95.4	111.0	127.4	143.0	158.7	176.3	194.0	211.0	228.6
87.5°	21.6	21.6	21.6	22.2	22.2	22.9	22.9	24.2	25.5	26.1	27.4
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: P1445195

CATALOG NUMBER: TPTN-VA2-735-U-RW-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: P1445195

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

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7
2.5°	279.5	278.9	278.9	278.2	277.6	277.6	276.9	276.3	276.3	276.3	276.3
5°	262.6	261.9	260.6	259.3	259.3	258.6	258.6	258.0	258.0	258.0	258.0
7.5°	243.6	241.7	239.0	236.4	235.8	234.5	233.8	232.5	231.9	231.2	231.9
10°	222.1	218.1	213.6	209.7	207.0	205.1	202.5	199.9	199.9	199.2	199.9
12.5°	222.1	218.1	213.6	209.7	207.0	203.8	201.2	197.9	197.2	195.9	197.2
15°	231.9	228.6	224.7	221.4	218.8	215.5	212.9	209.7	209.0	207.7	209.0
17.5°	252.1	250.1	248.2	246.2	244.3	243.0	241.0	239.0	239.7	240.4	239.7
20°	288.0	290.0	291.3	293.3	294.6	296.5	297.8	299.8	299.8	299.1	299.8
22.5°	342.9	350.7	358.6	367.1	374.2	382.1	389.3	396.5	399.1	402.3	399.7
25°	421.9	440.9	459.2	478.1	493.1	508.1	522.5	537.5	540.1	542.8	540.1
27.5°	504.2	532.3	559.7	587.2	605.5	624.4	642.7	661.0	664.9	669.5	665.5
30°	574.1	608.1	641.4	674.7	694.3	713.9	732.8	752.4	754.4	757.0	755.0
32.5°	646.6	682.5	718.4	754.4	774.0	794.2	813.8	834.0	836.0	838.0	836.0
35°	723.0	762.2	800.7	839.3	860.2	881.1	901.3	922.2	922.2	921.6	922.2
37.5°	807.3	848.4	889.6	931.4	951.0	971.2	990.8	1011.0	1014.3	1018.2	1015.0
40°	893.5	938.5	983.6	1028.7	1048.9	1069.8	1090.1	1110.3	1111.6	1113.6	1112.3
42.5°	985.6	1035.2	1084.2	1133.2	1153.4	1173.7	1193.3	1213.5	1216.1	1218.7	1216.1
45°	1088.8	1139.7	1190.0	1240.9	1261.8	1283.4	1304.3	1325.9	1326.5	1326.5	1326.5
47.5°	1189.4	1244.9	1299.7	1354.6	1378.8	1403.6	1427.7	1451.9	1453.9	1455.8	1453.9
50°	1289.9	1347.4	1404.9	1462.4	1484.6	1507.4	1529.6	1552.5	1556.4	1561.0	1557.1
52.5°	1386.6	1444.1	1500.9	1557.7	1584.5	1611.9	1638.7	1665.5	1669.4	1673.3	1669.4
55°	1444.7	1507.4	1569.5	1631.5	1657.0	1683.1	1708.6	1734.1	1740.6	1747.8	1741.2
57.5°	1479.3	1539.4	1599.5	1659.6	1685.1	1711.2	1736.7	1762.1	1768.7	1775.9	1769.3
60°	1486.5	1542.0	1597.6	1653.7	1685.1	1716.4	1747.1	1778.5	1785.0	1791.5	1785.0
62.5°	1468.2	1534.2	1600.2	1666.1	1697.5	1729.5	1760.8	1792.2	1793.5	1795.5	1794.2
65°	1440.2	1502.2	1564.2	1626.9	1646.5	1666.1	1685.1	1704.7	1706.6	1709.2	1707.3
67.5°	1378.1	1423.2	1468.2	1514.0	1539.4	1564.9	1589.7	1615.2	1625.6	1636.7	1626.3
70°	1280.1	1325.9	1370.9	1416.0	1446.7	1478.0	1508.7	1539.4	1544.7	1550.5	1545.3
72.5°	1156.7	1207.0	1256.6	1306.9	1332.4	1357.9	1383.3	1408.8	1408.8	1408.8	1408.8
75°	1015.6	1058.1	1100.5	1143.6	1165.2	1186.7	1208.3	1229.8	1230.5	1231.2	1230.5
77.5°	848.4	884.3	919.6	955.5	974.5	994.1	1013.0	1032.6	1039.8	1047.6	1040.4
80°	666.2	697.5	728.2	759.6	774.6	789.6	804.7	819.7	824.9	830.1	824.9
82.5°	468.3	492.5	516.6	540.8	551.2	562.3	572.8	583.2	585.9	588.5	585.9
85°	245.6	262.6	278.9	295.9	303.1	310.2	316.8	324.0	325.9	328.5	326.6
87.5°	28.7	30.7	32.0	33.3	37.2	41.1	44.4	48.3	46.4	44.4	46.4
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: P1445195

CATALOG NUMBER: TPTN-VA2-735-U-RW-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: P1445195

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

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7
2.5°	276.3	276.9	277.6	277.6	278.2	278.9	278.9	279.5	279.5	280.2	280.8
5°	258.0	258.6	258.6	259.3	259.3	260.6	261.9	262.6	263.9	265.2	267.1
7.5°	232.5	233.8	234.5	235.8	236.4	239.0	241.7	243.6	246.2	248.8	251.5
10°	199.9	202.5	205.1	207.0	209.7	213.6	218.1	222.1	226.0	229.9	234.5
12.5°	197.9	201.2	203.8	207.0	209.7	213.6	218.1	222.1	226.0	229.9	233.8
15°	209.7	212.9	215.5	218.8	221.4	224.7	228.6	231.9	235.1	238.4	242.3
17.5°	239.0	241.0	243.0	244.3	246.2	248.2	250.1	252.1	254.1	256.0	258.6
20°	299.8	297.8	296.5	294.6	293.3	291.3	290.0	288.0	286.1	286.1	286.1
22.5°	396.5	389.3	382.1	374.2	367.1	358.6	350.7	342.2	334.4	330.5	327.2
25°	537.5	522.5	508.1	493.1	478.1	459.2	440.9	421.9	403.0	391.9	381.4
27.5°	661.0	642.7	624.4	605.5	587.2	559.7	532.3	504.2	476.8	457.8	439.6
30°	752.4	732.8	713.9	694.3	674.7	641.4	608.1	574.1	540.8	515.3	490.5
32.5°	834.0	813.8	794.2	774.0	754.4	718.4	682.5	646.6	610.7	578.7	546.7
35°	922.2	901.3	881.1	860.2	839.3	800.7	762.2	723.0	684.5	644.0	604.1
37.5°	1011.0	990.8	971.2	951.0	931.4	889.6	848.4	806.6	765.5	715.8	666.2
40°	1110.3	1090.1	1069.8	1048.9	1028.7	983.6	938.5	893.5	848.4	791.6	734.8
42.5°	1213.5	1193.3	1173.7	1153.4	1133.2	1084.2	1035.2	985.6	936.6	871.9	807.9
45°	1325.9	1304.3	1283.4	1261.8	1240.9	1190.0	1139.7	1088.8	1037.8	964.7	891.5
47.5°	1451.9	1427.7	1403.6	1378.8	1354.6	1299.7	1244.9	1189.4	1134.5	1054.8	975.8
50°	1552.5	1529.6	1507.4	1484.6	1462.4	1404.9	1347.4	1289.9	1232.5	1145.6	1058.7
52.5°	1665.5	1638.7	1611.9	1584.5	1557.7	1500.9	1444.1	1386.6	1329.8	1233.1	1136.4
55°	1734.1	1708.6	1683.1	1657.0	1631.5	1569.5	1507.4	1444.7	1382.7	1285.4	1188.0
57.5°	1762.1	1736.7	1711.2	1685.1	1659.6	1599.5	1539.4	1479.3	1419.3	1320.0	1221.4
60°	1778.5	1747.1	1716.4	1685.1	1653.7	1597.6	1542.0	1485.9	1430.4	1329.8	1229.8
62.5°	1792.2	1760.8	1729.5	1697.5	1666.1	1600.2	1534.2	1468.2	1402.3	1309.5	1216.8
65°	1704.7	1685.1	1666.1	1646.5	1626.9	1564.2	1502.2	1439.5	1377.5	1284.7	1192.6
67.5°	1615.2	1589.7	1564.9	1539.4	1514.0	1468.2	1423.2	1377.5	1332.4	1237.0	1142.3
70°	1539.4	1508.7	1478.0	1446.7	1416.0	1370.9	1325.9	1280.1	1235.1	1147.6	1060.0
72.5°	1408.8	1383.3	1357.9	1332.4	1306.9	1256.6	1207.0	1156.7	1106.4	1032.6	958.8
75°	1229.8	1208.3	1186.7	1165.2	1143.6	1100.5	1058.1	1015.0	972.5	908.5	845.2
77.5°	1032.6	1013.0	994.1	974.5	955.5	919.6	884.3	848.4	812.5	757.0	702.1
80°	819.7	804.7	789.6	774.6	759.6	728.2	697.5	666.2	634.8	590.4	546.7
82.5°	583.2	572.8	562.3	551.2	540.8	516.6	492.5	468.3	444.1	412.8	381.4
85°	324.0	316.8	310.2	303.1	295.9	278.9	262.6	245.6	228.6	211.0	194.0
87.5°	48.3	44.4	41.1	37.2	33.3	32.0	30.7	28.7	27.4	26.1	25.5
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: P1445195

CATALOG NUMBER: TPTN-VA2-735-U-RW-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: P1445195

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

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7
2.5°	281.5	282.2	282.8	283.5	283.5	284.1	284.8	285.4	286.1	286.7	287.4
5°	268.4	269.7	271.7	273.7	275.0	276.9	278.9	280.2	282.2	283.5	284.8
7.5°	254.1	256.7	259.3	261.9	263.9	266.5	268.4	270.4	272.4	274.3	276.3
10°	238.4	242.3	245.6	248.8	252.1	255.4	258.0	260.6	262.6	265.2	267.1
12.5°	237.7	241.7	244.9	248.2	251.5	254.7	257.3	259.9	261.9	264.5	266.5
15°	245.6	248.8	252.1	256.0	259.3	262.6	265.8	268.4	271.7	274.3	276.3
17.5°	260.6	262.6	265.8	269.7	273.0	276.3	279.5	282.8	285.4	288.7	290.0
20°	286.1	286.1	288.7	291.3	293.9	296.5	298.5	300.4	302.4	304.4	303.7
22.5°	324.0	320.0	320.0	320.0	319.4	319.4	319.4	319.4	318.7	318.7	316.1
25°	370.3	359.2	355.3	351.4	346.8	342.9	340.3	337.7	334.4	331.8	328.5
27.5°	420.6	401.7	392.5	383.4	373.6	364.4	360.5	356.6	352.0	348.1	344.2
30°	465.0	439.6	425.8	411.5	397.8	383.4	379.5	375.6	371.0	367.1	361.2
32.5°	514.0	482.0	463.1	444.1	425.2	406.2	401.0	395.1	389.9	384.0	376.2
35°	563.7	523.2	500.3	476.8	453.9	430.4	421.9	413.4	404.9	396.5	388.0
37.5°	616.6	566.9	538.8	510.7	482.7	454.6	442.8	431.1	419.3	407.6	399.1
40°	677.3	620.5	583.9	548.0	511.4	474.8	461.1	448.0	434.3	420.6	411.5
42.5°	743.9	679.3	634.2	588.5	543.4	497.7	481.4	465.0	448.7	432.4	422.6
45°	817.7	744.6	690.4	636.1	581.3	527.1	506.8	485.9	465.7	444.8	434.3
47.5°	896.1	816.4	751.8	687.7	623.1	558.4	532.3	506.8	480.7	454.6	443.5
50°	971.9	885.0	809.2	734.1	658.4	582.6	551.9	521.9	491.2	460.5	449.4
52.5°	1039.1	942.5	858.9	775.3	691.0	607.4	572.1	536.9	501.6	466.3	454.6
55°	1090.1	992.8	902.6	812.5	721.7	631.6	590.4	549.3	507.5	466.3	453.9
57.5°	1122.7	1023.5	927.4	830.8	734.8	638.1	592.4	546.7	501.0	455.2	442.2
60°	1129.3	1028.7	930.1	832.1	733.5	634.8	585.9	536.2	487.2	437.6	423.2
62.5°	1124.0	1031.3	931.4	832.1	732.2	632.2	578.7	525.1	470.9	417.4	403.0
65°	1100.5	1007.8	908.5	809.2	710.0	610.7	555.2	499.6	444.1	388.6	376.2
67.5°	1047.6	952.3	860.2	768.7	676.6	584.6	527.7	471.6	414.7	357.9	345.5
70°	971.9	884.3	801.4	717.8	634.8	551.2	495.7	439.6	384.0	327.9	314.2
72.5°	884.3	810.5	734.8	658.4	582.6	506.2	452.6	399.1	344.9	291.3	277.6
75°	781.8	717.8	648.6	579.3	509.4	440.2	392.5	344.2	296.5	248.2	235.1
77.5°	647.3	591.7	534.9	477.4	420.6	363.1	322.6	281.5	241.0	199.9	188.8
80°	502.3	457.8	412.8	368.4	323.3	278.2	246.9	215.5	184.2	152.8	143.0
82.5°	350.1	318.7	286.7	254.7	222.1	190.1	168.5	147.6	126.1	104.5	97.3
85°	176.3	158.7	143.0	127.4	111.0	95.4	86.2	76.4	67.3	57.5	54.2
87.5°	24.2	22.9	22.9	22.2	22.2	21.6	21.6	21.6	21.6	21.6	21.6
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: P1445195

CATALOG NUMBER: TPTN-VA2-735-U-RW-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: P1445195

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

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7	286.7
2.5°	287.4	288.0	288.0	288.7	288.7	289.3	289.3	289.3	290.0	290.0	290.0
5°	285.4	286.7	288.0	288.7	290.0	290.6	291.3	291.9	291.9	292.6	292.6
7.5°	277.6	279.5	280.8	282.2	282.8	284.1	285.4	286.1	286.7	286.7	287.4
10°	268.4	270.4	271.7	273.0	274.3	275.6	276.9	277.6	278.2	278.2	278.9
12.5°	268.4	271.0	273.0	274.3	275.0	276.3	277.6	278.2	278.2	278.9	278.9
15°	278.2	280.2	282.2	283.5	284.1	285.4	286.1	286.1	286.7	286.7	286.7
17.5°	290.6	291.9	293.3	293.3	293.3	293.3	293.3	292.6	292.6	291.9	291.3
20°	303.1	301.7	301.1	299.8	298.5	297.2	295.9	294.6	293.9	292.6	291.3
22.5°	313.5	310.9	308.3	306.3	304.4	301.7	299.8	298.5	296.5	295.2	293.3
25°	324.6	321.3	317.4	314.8	312.8	310.2	307.6	305.7	304.4	302.4	300.4
27.5°	339.6	335.7	331.1	327.9	324.6	320.7	317.4	315.5	313.5	310.9	308.9
30°	356.0	350.1	344.2	339.0	333.7	327.9	322.6	319.4	316.1	312.8	309.6
32.5°	368.4	360.5	352.7	346.2	339.6	332.4	325.9	322.0	318.7	314.8	310.9
35°	379.5	370.3	361.8	354.7	347.5	340.3	333.1	329.2	325.3	320.7	316.8
37.5°	390.6	381.4	372.9	365.1	357.3	348.8	340.9	336.4	331.8	326.6	322.0
40°	403.0	393.8	384.7	375.6	366.4	357.3	348.1	342.9	337.0	331.8	325.9
42.5°	412.8	402.3	392.5	382.7	372.9	363.1	353.3	347.5	342.2	336.4	330.5
45°	423.2	412.8	401.7	391.2	381.4	371.0	360.5	354.7	348.8	342.2	336.4
47.5°	432.4	420.6	409.5	399.1	388.6	377.5	367.1	360.5	354.0	346.8	340.3
50°	437.6	426.5	414.7	403.6	392.5	380.8	369.7	363.1	356.0	349.4	342.2
52.5°	442.8	430.4	418.7	406.9	395.1	383.4	371.6	364.4	356.6	349.4	341.6
55°	440.9	428.5	415.4	403.6	391.2	379.5	367.1	359.2	351.4	343.5	335.7
57.5°	428.5	415.4	401.7	390.6	379.5	367.7	356.6	350.1	342.9	336.4	329.2
60°	409.5	395.1	380.8	371.6	363.1	354.0	344.9	338.3	332.4	325.9	319.4
62.5°	388.6	374.2	359.9	352.0	344.9	337.0	329.2	322.0	315.5	308.3	301.1
65°	363.1	350.7	337.7	329.2	320.7	311.5	303.1	296.5	290.0	283.5	276.9
67.5°	333.1	320.7	308.3	299.8	291.3	282.2	273.7	268.4	263.2	257.3	252.1
70°	300.4	286.7	273.0	265.8	259.3	252.1	244.9	240.4	236.4	231.9	227.3
72.5°	263.9	249.5	235.8	230.6	224.7	219.5	213.6	209.7	205.1	201.2	196.6
75°	222.1	209.0	195.9	192.0	188.1	183.5	179.6	175.7	171.8	167.2	163.3
77.5°	177.7	166.5	155.4	152.2	149.6	146.3	143.0	139.1	135.2	130.6	126.7
80°	133.2	123.4	113.6	111.7	109.1	107.1	104.5	101.2	98.6	95.4	92.1
82.5°	90.1	82.9	75.8	74.5	73.2	71.2	69.9	66.6	64.0	60.7	57.5
85°	50.9	47.0	43.8	42.5	41.8	40.5	39.2	36.6	34.6	32.0	29.4
87.5°	21.6	20.9	20.9	20.9	20.9	20.2	20.2	17.6	15.7	13.1	10.5
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: P1445195

CATALOG NUMBER: TPTN-VA2-735-U-RW-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: P1445195

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

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	286.7	286.7
2.5°	290.0	290.0
5°	292.6	292.6
7.5°	287.4	287.4
10°	279.5	280.2
12.5°	279.5	279.5
15°	286.7	286.7
17.5°	291.3	291.3
20°	291.3	291.3
22.5°	293.3	292.6
25°	300.4	300.4
27.5°	308.3	307.6
30°	308.9	308.3
32.5°	310.2	308.9
35°	315.5	313.5
37.5°	320.0	318.1
40°	324.0	321.3
42.5°	327.9	325.3
45°	333.7	331.1
47.5°	338.3	335.7
50°	339.6	336.4
52.5°	338.3	335.1
55°	333.1	329.8
57.5°	325.9	322.6
60°	316.1	312.8
62.5°	297.2	292.6
65°	272.4	267.8
67.5°	248.2	244.3
70°	223.4	218.8
72.5°	192.7	188.1
75°	159.4	154.8
77.5°	122.8	118.9
80°	88.8	85.6
82.5°	53.6	49.6
85°	26.1	22.2
87.5°	7.8	4.6
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: P1445195

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

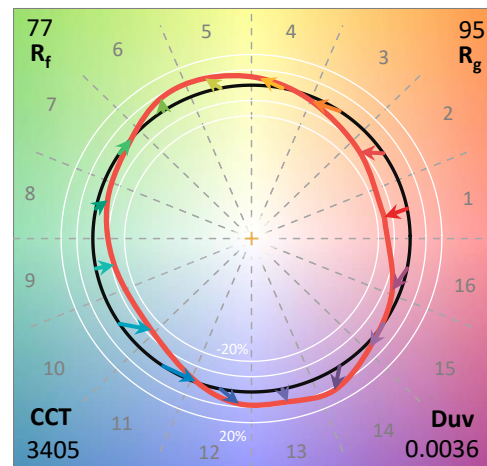
Data in this report applies to families of products including TTN-D0-735-U-WQ

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

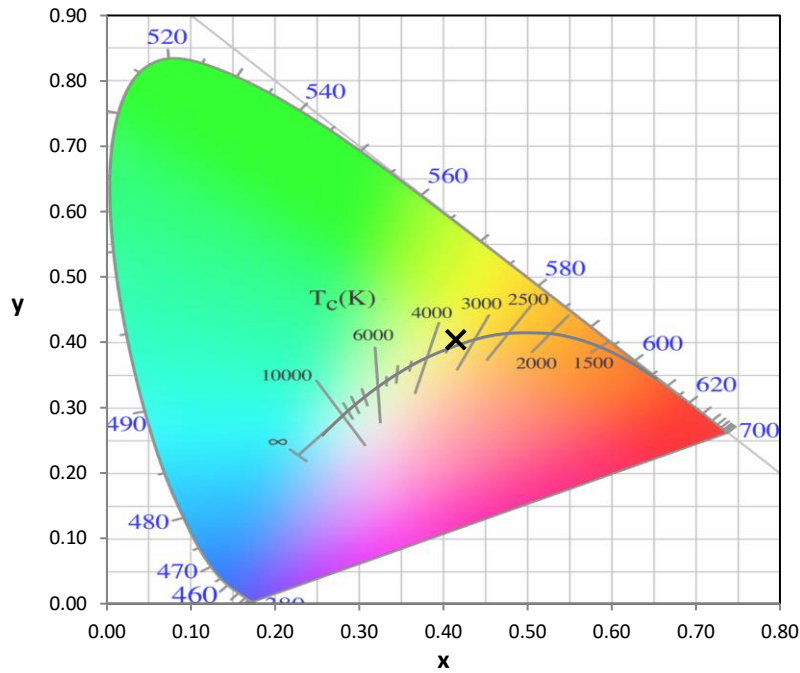
Stabilization Time: 38M
 Operation Time: 1H 38M
 Sphere Temperature (°C): 24.9

REPORT NUMBER: SP1-2411-284-1

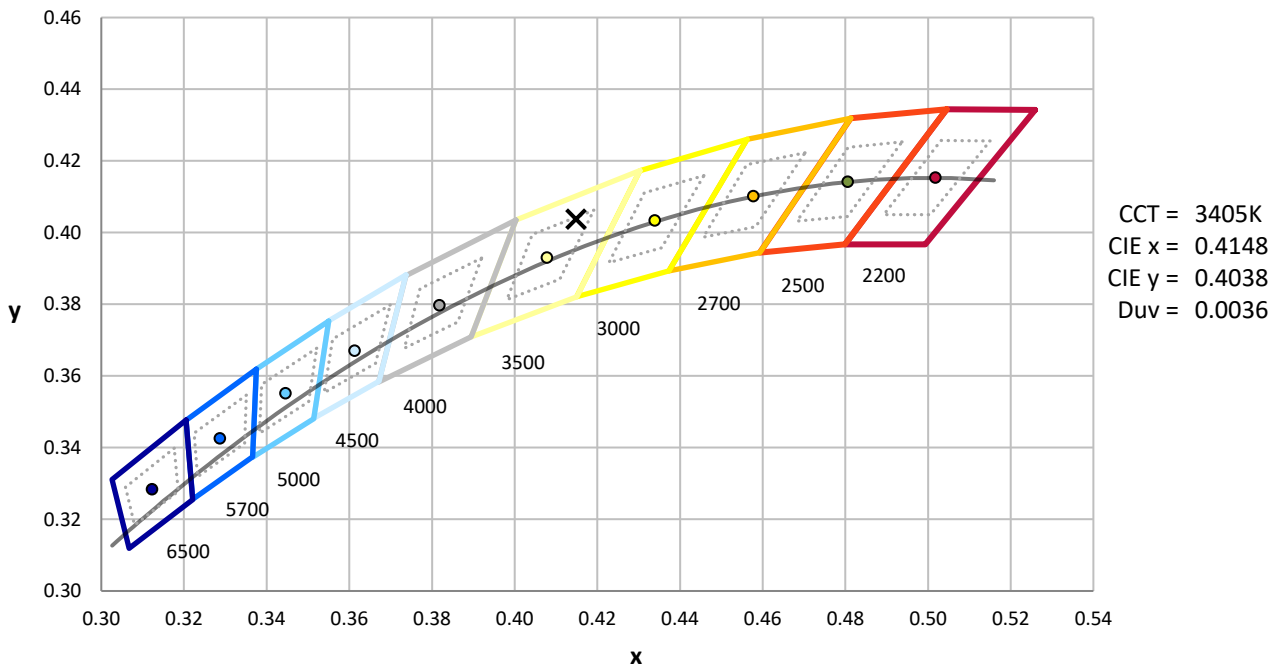
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



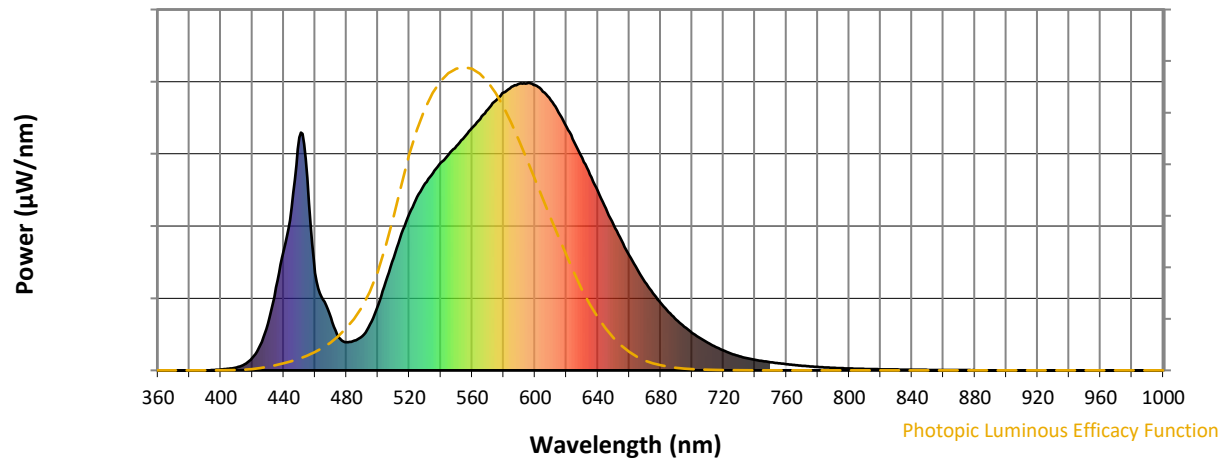
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2411-284-1

Photopic Flux vs. Wavelength

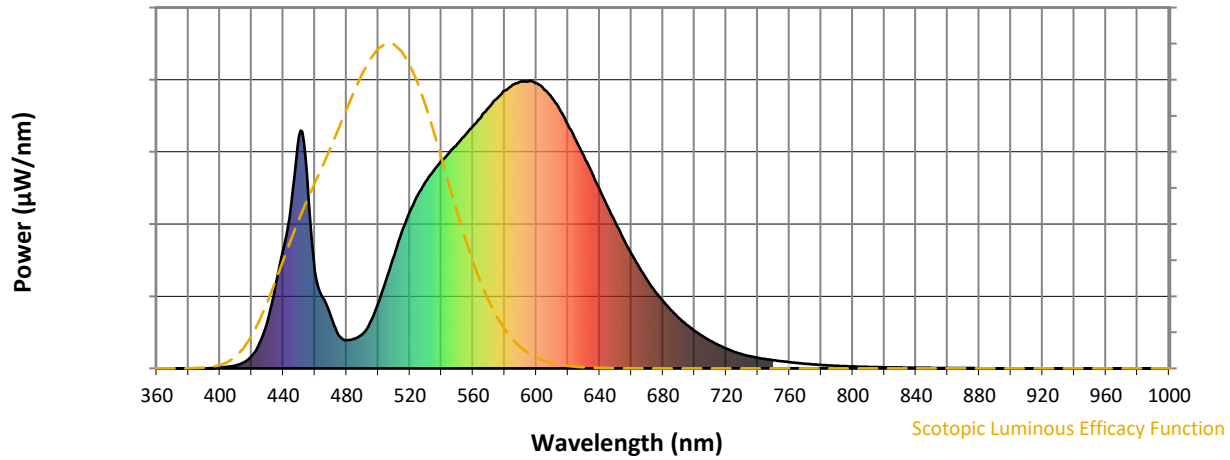


Photopic Lumens: NR

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



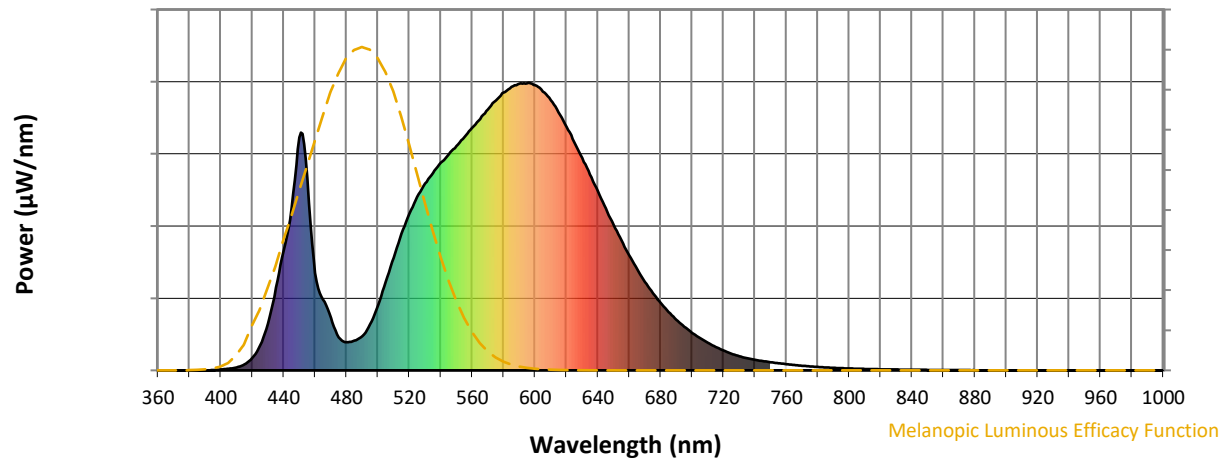
Scotopic Lumens: NR

S/P: 1.33

λ (nm)	Power W [^] /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

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.47

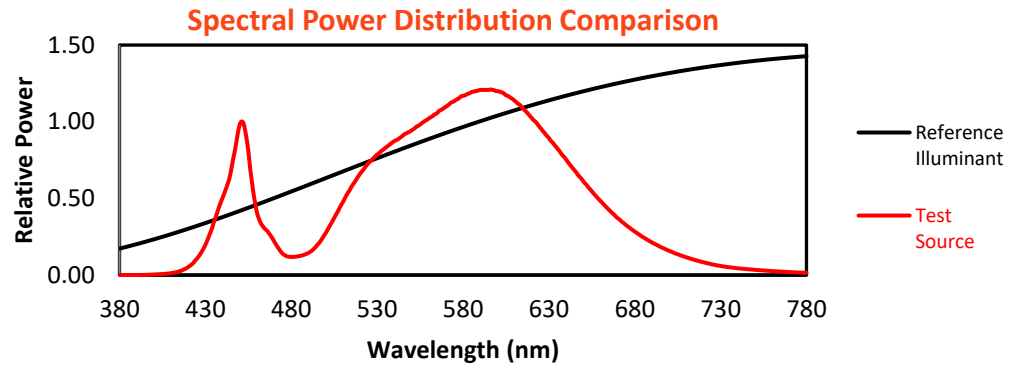
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	846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

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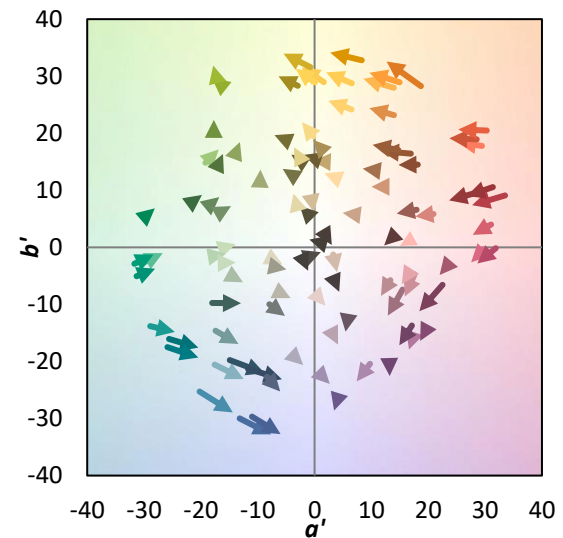
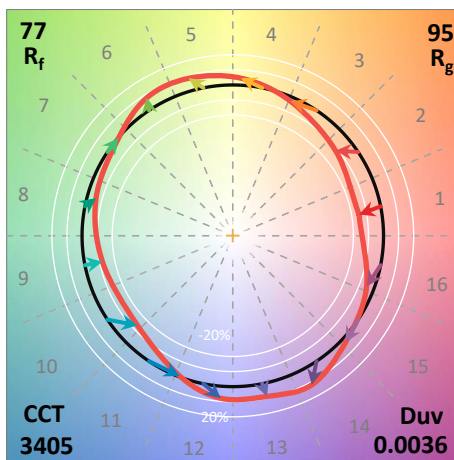
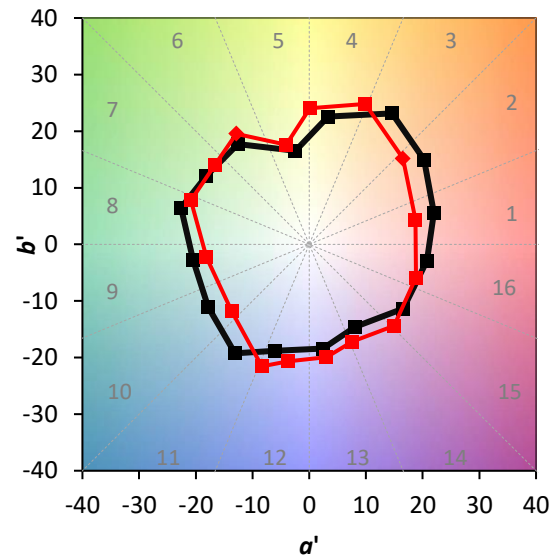
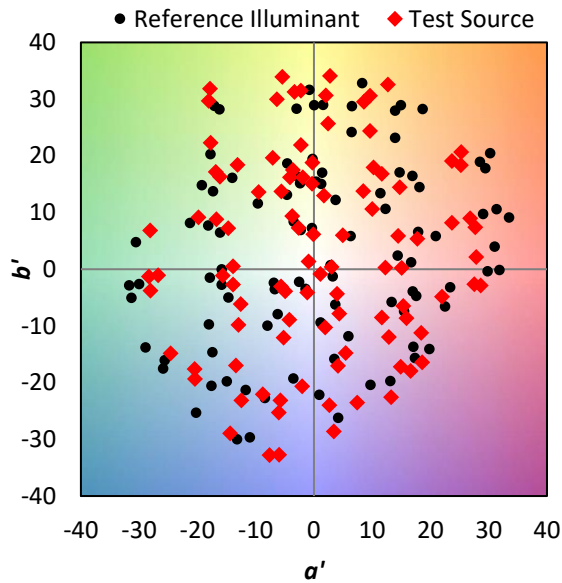
TM-30-18

Summary

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

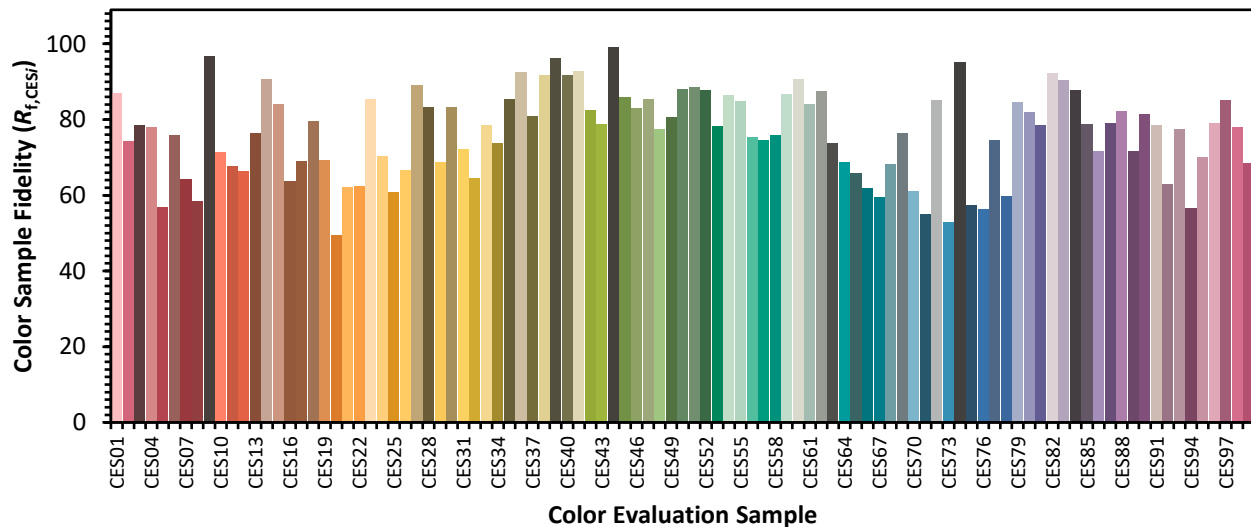


Color Vector Graphics

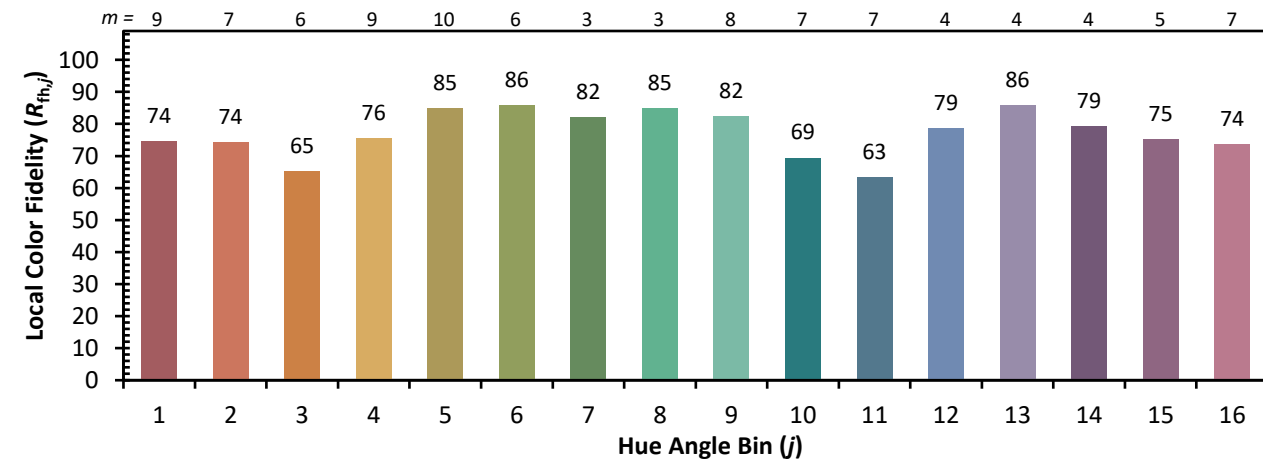
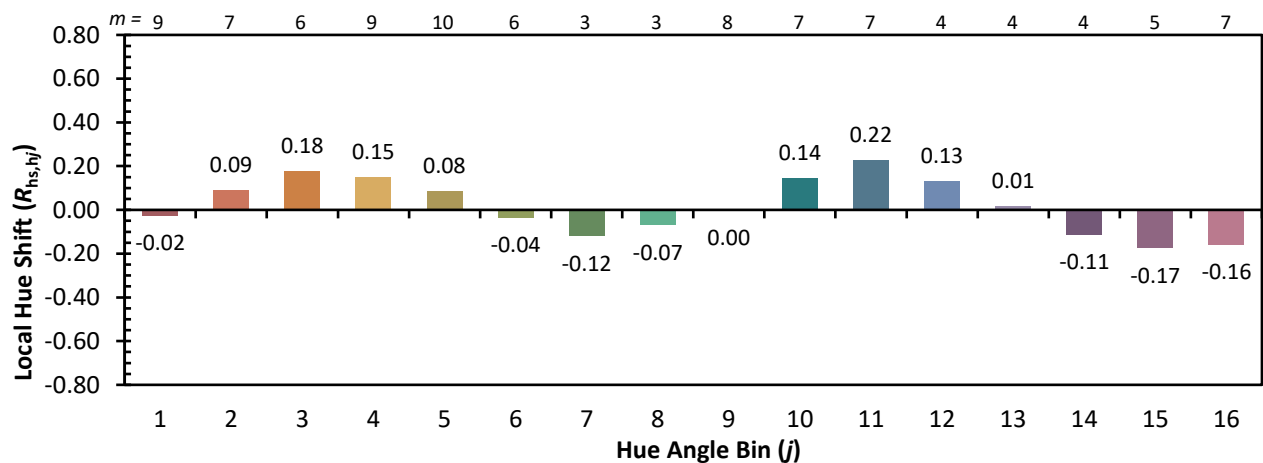
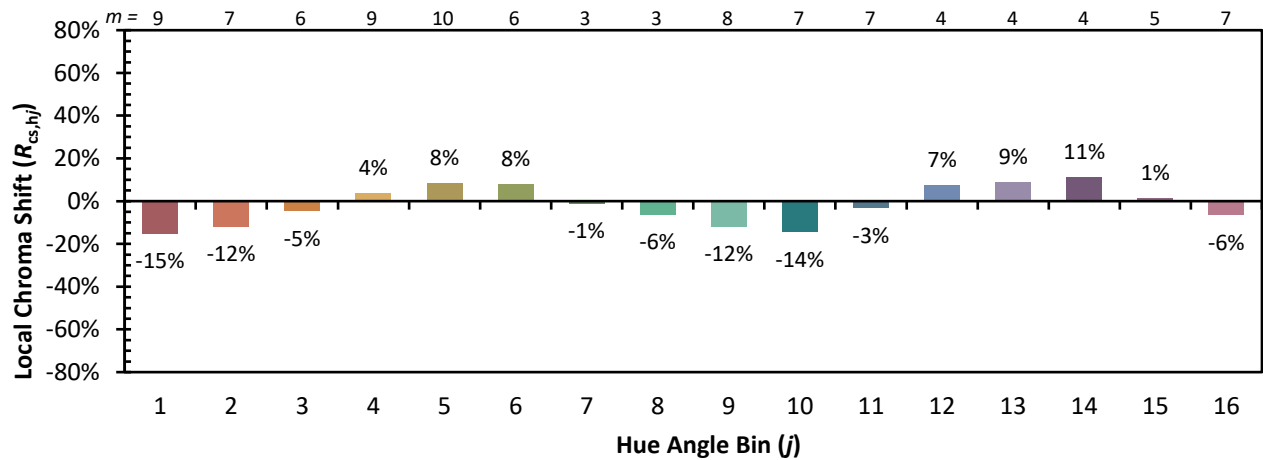


Individual Sample Fidelity Index ($R_{f,i}$)

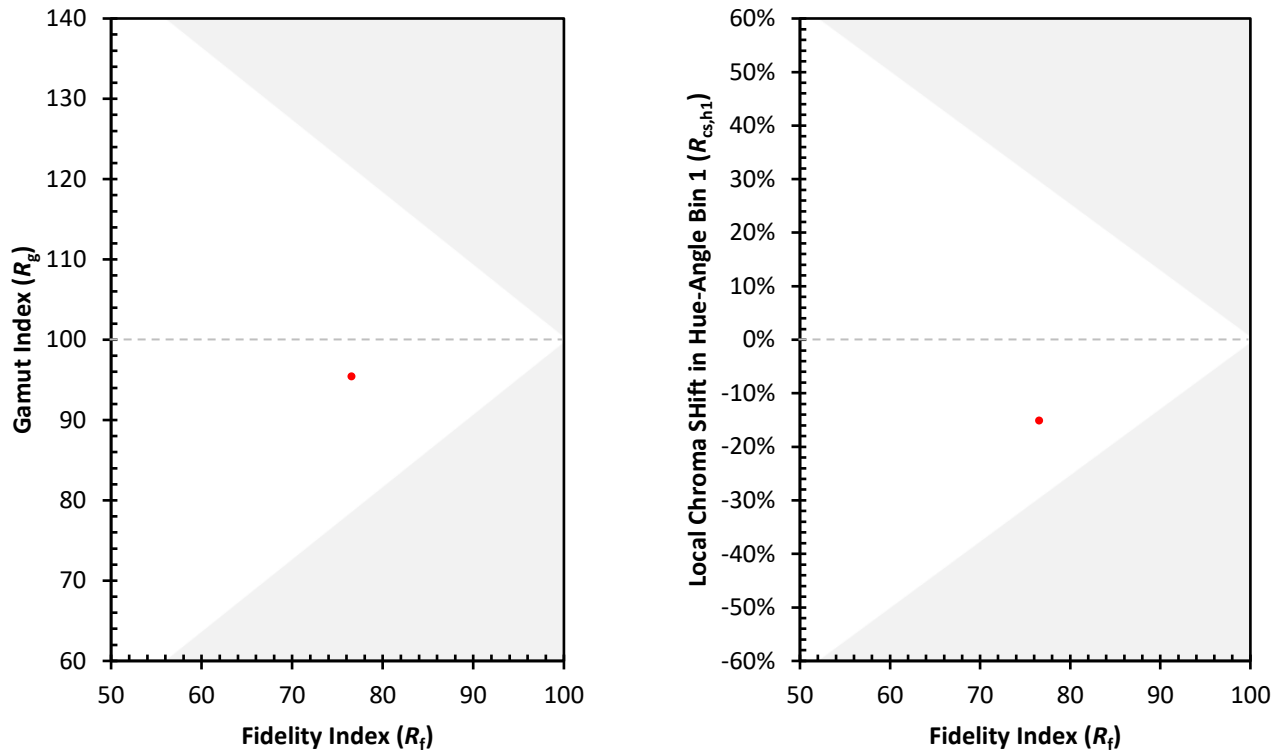
CES01 = 86	CES26 = 67	CES51 = 88	CES76 = 56
CES02 = 62	CES27 = 89	CES52 = 88	CES77 = 75
CES03 = 31	CES28 = 83	CES53 = 78	CES78 = 60
CES04 = 70	CES29 = 69	CES54 = 86	CES79 = 85
CES05 = 48	CES30 = 83	CES55 = 85	CES80 = 82
CES06 = 51	CES31 = 72	CES56 = 75	CES81 = 78
CES07 = 41	CES32 = 65	CES57 = 75	CES82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