

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: P1445204

Luminaire Tested: TPTN-VA3-750-U-RW-GM

Issue Date: 05/21/2026

Test Information

Test Method: LM-79-2024
Report Number: P1445204
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: TPTN-VA3-750-U-RW-GM
Description: TOPTIER NANO SPIDER MOUNT VISUAL COMFORT LED LUMINAIRE 60W 70CRI 5000K w/
RECTANGULAR WIDE DISTRIBUTION OPTIC
Light Source: 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5165.5 lumens
Efficiency: N/A
Efficacy: 86.1 lumens/watt
Luminous Opening: Circular (Dia: 0.71' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G3

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

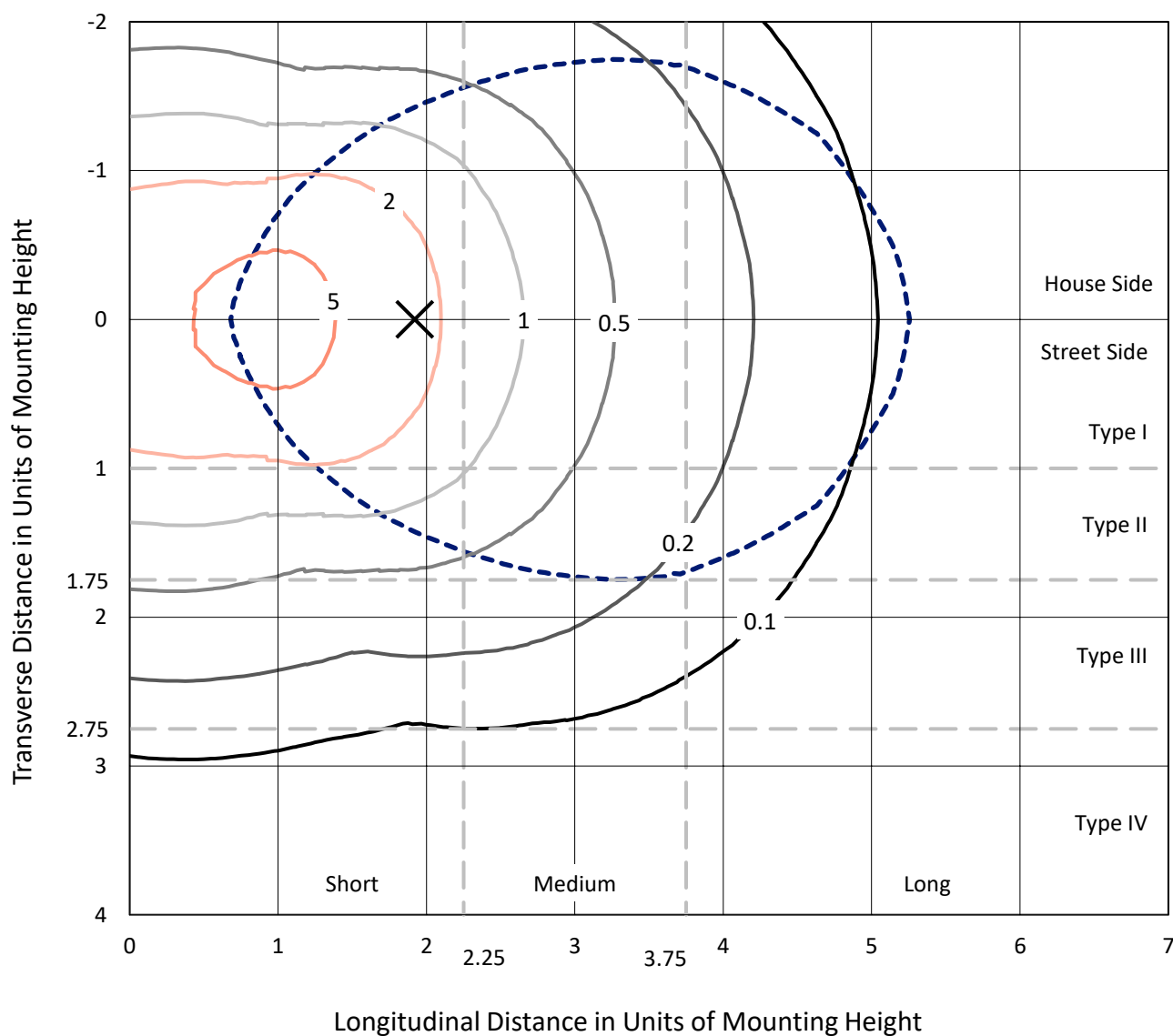
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CATALOG NUMBER: TPTN-VA3-750-U-RW-GM

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

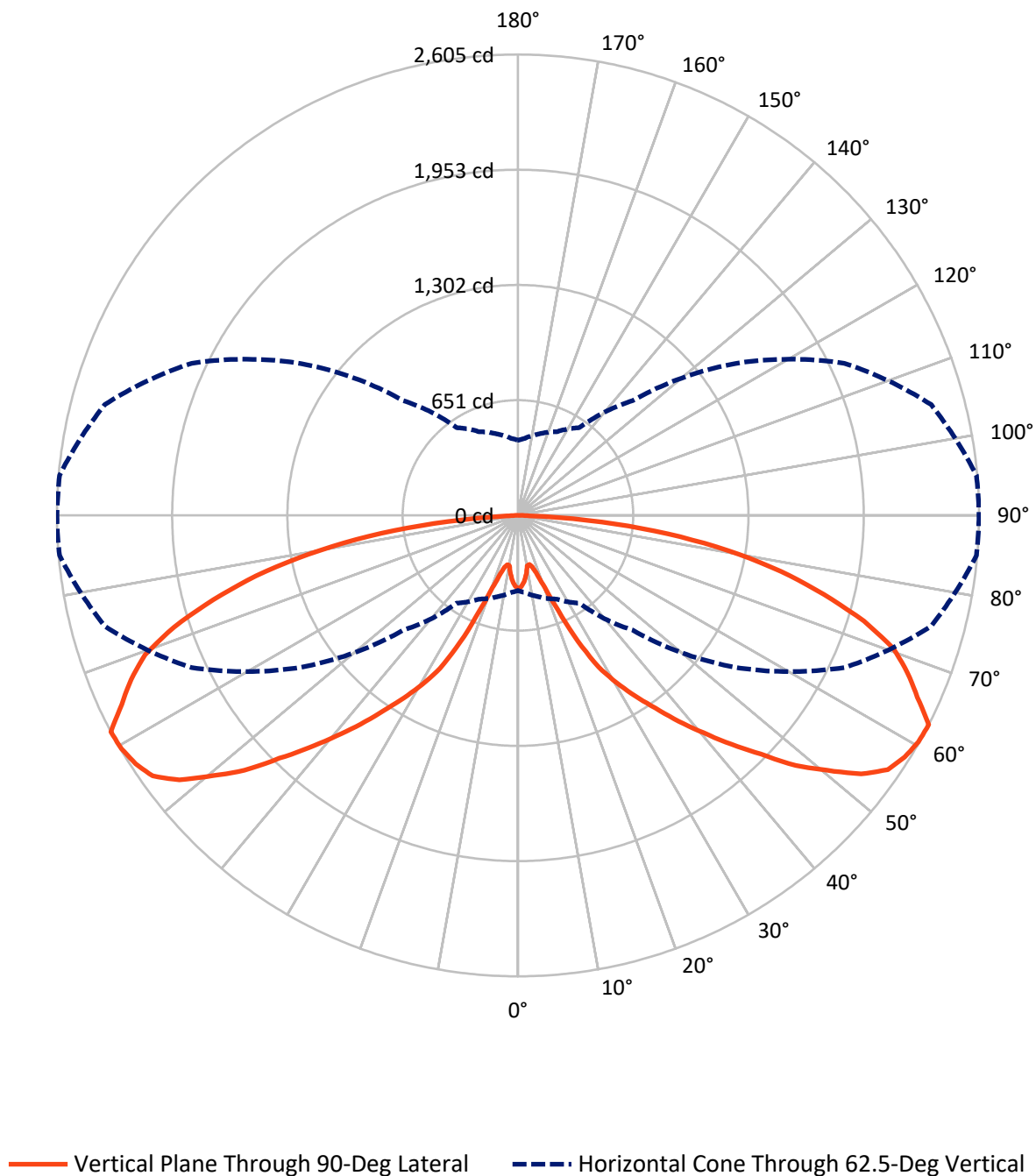


Based on 10 foot mounting height. Maximum calculated value = 7.4 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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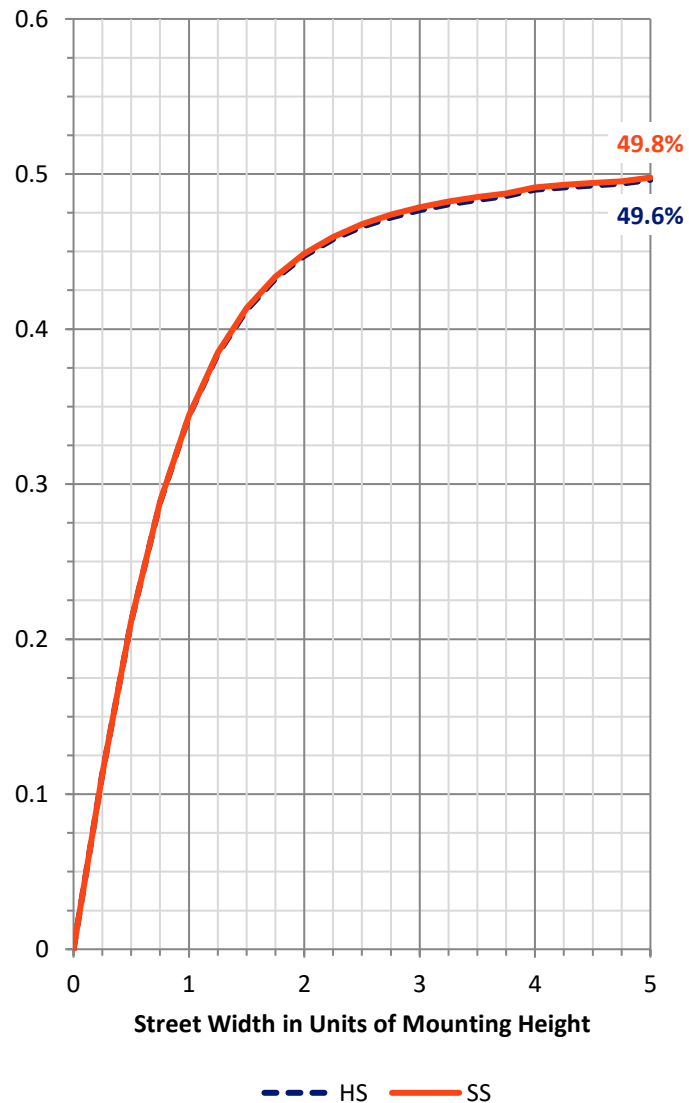
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2582.7	0.0	2582.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2582.8	0.0	2582.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	5165.5	0.0	5165.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.9	0.7
10°-20°	108.6	2.1
20°-30°	255.8	5.0
30°-40°	491.2	9.5
40°-50°	805.3	15.6
50°-60°	1134.9	22.0
60°-70°	1203.1	23.3
70°-80°	884.8	17.1
80°-90°	244.9	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°	5165.5	100.0
0°-180°	5165.5	100.0

Coefficient of Utilization



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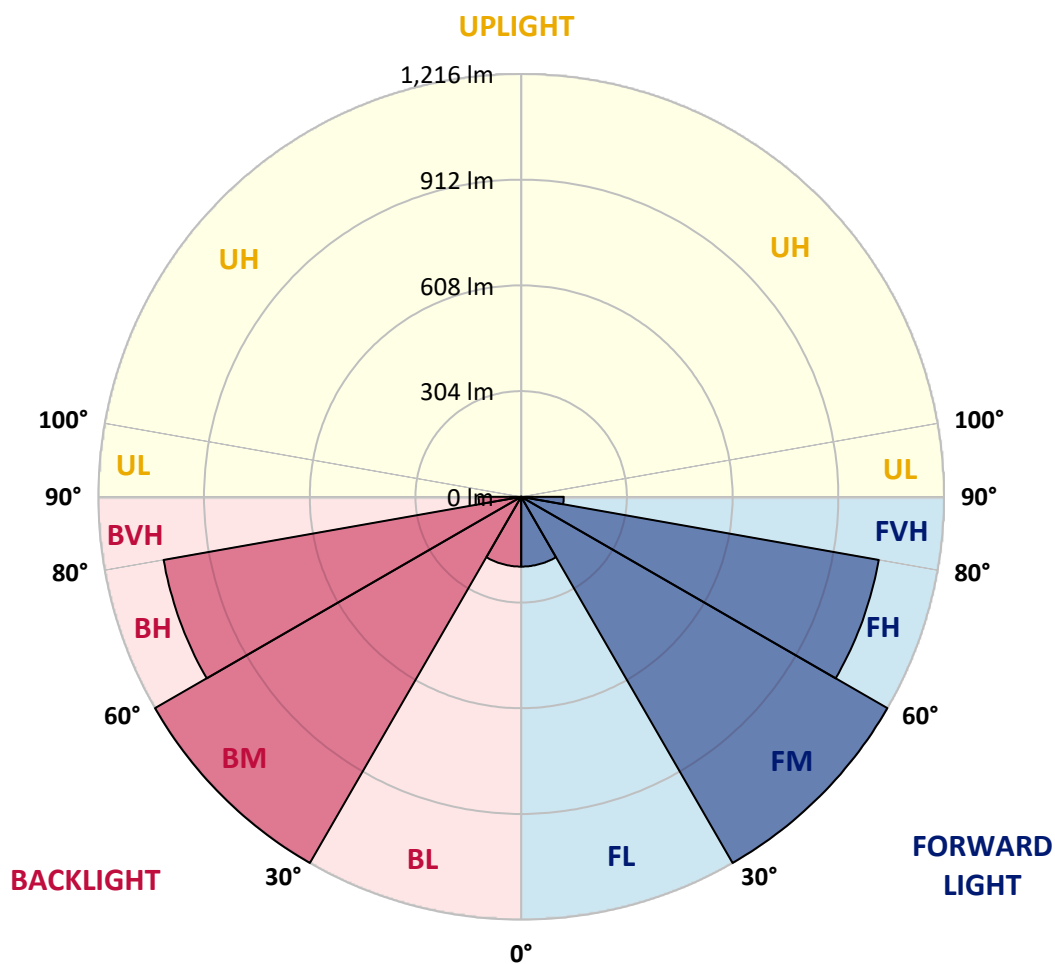
CATALOG NUMBER: TPTN-VA3-750-U-RW-GM

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	200.6	3.9			
FM	(30°-60°)	1215.7	23.5			
FH	(60°-80°)	1044.0	20.2			G1/1800
FVH	(80°-90°)	122.5	2.4			G2/225
BL	(0°-30°)	200.6	3.9	B1/500		
BM	(30°-60°)	1215.7	23.5	B2/2500		
BH	(60°-80°)	1043.9	20.2	B3/2500		G3/2500
BVH	(80°-90°)	122.5	2.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

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°	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9
2.5°	420.7	420.7	420.7	420.7	420.7	419.7	419.7	419.7	418.8	418.8	417.8
5°	424.5	424.5	424.5	424.5	423.5	423.5	422.6	421.6	420.7	418.8	417.8
7.5°	416.9	416.9	416.9	415.9	415.9	415.0	414.0	412.1	411.2	409.3	407.4
10°	406.5	405.5	404.6	403.6	403.6	402.7	401.7	399.8	397.9	396.0	394.1
12.5°	405.5	405.5	404.6	404.6	403.6	403.6	402.7	400.8	399.8	397.9	396.0
15°	415.9	415.9	415.9	415.9	415.9	415.0	415.0	414.0	412.1	411.2	409.3
17.5°	422.6	422.6	422.6	423.5	424.5	424.5	425.4	425.4	425.4	425.4	425.4
20°	422.6	422.6	422.6	424.5	426.4	427.3	429.2	431.1	433.0	434.9	436.8
22.5°	424.5	425.4	425.4	428.3	430.1	433.0	434.9	437.7	441.5	444.4	447.2
25°	435.8	435.8	435.8	438.7	441.5	443.4	446.3	450.0	453.8	456.7	460.5
27.5°	446.3	447.2	448.1	451.0	454.8	457.6	460.5	465.2	470.9	475.6	480.4
30°	447.2	448.1	449.1	453.8	458.6	463.3	468.0	475.6	484.2	491.7	499.3
32.5°	448.1	450.0	451.0	456.7	462.4	467.1	472.8	482.3	492.7	502.2	511.6
35°	454.8	457.6	459.5	465.2	471.8	477.5	483.2	493.6	504.0	514.5	524.9
37.5°	461.4	464.3	467.1	473.7	481.3	487.9	494.6	505.9	518.3	529.6	541.0
40°	466.1	469.9	472.8	481.3	488.9	497.4	505.0	518.3	531.5	544.8	558.1
42.5°	471.8	475.6	479.4	487.9	496.5	504.0	512.6	526.8	541.0	555.2	569.4
45°	480.4	484.2	487.9	496.5	505.9	514.5	523.0	538.2	553.3	567.5	582.7
47.5°	487.0	490.8	493.6	503.1	513.5	523.0	532.5	547.6	563.7	578.9	594.1
50°	487.9	492.7	496.5	506.9	516.4	526.8	536.3	552.4	569.4	585.5	601.6
52.5°	486.0	490.8	495.5	506.9	517.3	528.7	539.1	556.2	573.2	590.3	607.3
55°	478.5	483.2	487.0	498.4	509.7	521.1	532.5	550.5	567.5	585.5	602.6
57.5°	468.0	472.8	477.5	487.9	497.4	507.8	517.3	533.4	550.5	566.6	582.7
60°	453.8	458.6	463.3	472.8	482.3	490.8	500.3	513.5	526.8	539.1	552.4
62.5°	424.5	431.1	436.8	447.2	457.6	467.1	477.5	488.9	500.3	510.7	522.0
65°	388.5	395.1	401.7	411.2	420.7	430.1	439.6	451.9	465.2	477.5	489.8
67.5°	354.3	360.0	365.7	373.3	381.8	389.4	397.0	409.3	422.6	434.9	447.2
70°	317.4	324.0	329.7	336.3	343.0	348.7	355.3	365.7	376.1	385.6	396.0
72.5°	272.9	279.5	285.2	291.8	297.5	304.1	309.8	318.3	325.9	334.5	342.0
75°	224.5	231.2	236.9	242.5	249.2	254.9	260.6	266.2	272.9	278.6	284.2
77.5°	172.4	178.1	183.8	189.5	196.1	201.8	207.5	212.2	217.0	220.8	225.5
80°	124.1	128.9	133.6	138.3	143.1	146.9	151.6	155.4	158.2	162.0	164.9
82.5°	72.0	77.7	83.4	88.1	92.9	96.6	101.4	103.3	106.1	108.0	109.9
85°	32.2	37.9	42.6	46.4	50.2	53.1	56.8	58.7	60.6	61.6	63.5
87.5°	6.6	11.4	15.2	18.9	22.7	25.6	29.4	29.4	30.3	30.3	30.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1445204

CATALOG NUMBER: TPTN-VA3-750-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-VA3-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9
2.5°	417.8	416.9	416.9	415.9	415.0	414.0	413.1	412.1	411.2	411.2	410.2
5°	415.9	415.0	413.1	411.2	409.3	406.5	404.6	401.7	398.9	397.0	394.1
7.5°	405.5	402.7	400.8	397.9	395.1	392.2	389.4	386.6	382.8	379.9	376.1
10°	392.2	389.4	387.5	384.7	380.9	378.0	374.2	370.5	365.7	361.0	356.2
12.5°	393.2	390.4	386.6	383.7	379.9	377.1	373.3	369.5	364.8	360.0	355.3
15°	406.5	403.6	400.8	397.9	394.1	389.4	385.6	380.9	376.1	371.4	365.7
17.5°	423.5	422.6	420.7	418.8	414.0	410.2	405.5	400.8	396.0	391.3	385.6
20°	437.7	439.6	440.6	441.5	438.7	435.8	433.0	430.1	426.4	422.6	418.8
22.5°	451.0	454.8	458.6	462.4	462.4	463.3	463.3	463.3	463.3	464.3	464.3
25°	466.1	470.9	476.6	481.3	485.1	489.8	493.6	497.4	503.1	509.7	515.4
27.5°	487.0	492.7	499.3	505.0	510.7	517.3	523.0	528.7	541.9	556.2	569.4
30°	507.8	516.4	523.9	532.5	538.2	544.8	550.5	556.2	577.0	596.9	617.7
32.5°	523.0	534.4	545.7	557.1	565.6	573.2	581.7	589.3	616.8	644.3	671.7
35°	537.2	550.5	562.8	575.1	587.4	599.7	612.1	624.4	658.5	691.6	725.8
37.5°	553.3	566.6	578.9	591.2	608.3	625.3	642.4	659.4	700.2	740.9	781.7
40°	571.3	584.6	596.9	610.2	630.1	650.0	668.9	688.8	741.9	794.9	847.0
42.5°	583.6	598.8	613.0	627.2	650.9	674.6	698.3	722.0	788.3	853.7	920.0
45°	598.8	614.0	630.1	645.2	675.5	704.9	735.2	764.6	843.2	922.8	1001.5
47.5°	610.2	627.2	643.3	659.4	697.3	735.2	772.2	810.1	903.9	997.7	1090.5
50°	618.7	634.8	651.8	668.0	712.5	757.0	800.6	845.1	955.0	1064.9	1173.9
52.5°	624.4	642.4	659.4	676.5	727.6	778.8	830.0	881.1	1002.4	1124.6	1245.9
55°	621.5	639.5	658.5	676.5	736.2	796.8	856.5	916.2	1046.9	1178.6	1309.4
57.5°	602.6	621.5	641.4	660.4	726.7	793.0	859.3	925.7	1065.9	1205.2	1345.4
60°	573.2	594.1	614.0	634.8	706.8	777.9	849.9	920.9	1064.0	1207.1	1349.2
62.5°	542.9	563.7	584.6	605.4	683.1	761.8	839.4	917.1	1062.1	1207.1	1351.1
65°	508.8	526.8	545.7	563.7	644.3	724.8	805.3	885.9	1029.9	1173.9	1317.9
67.5°	465.2	483.2	501.2	519.2	601.6	684.1	765.5	848.0	981.6	1115.2	1247.8
70°	415.9	435.8	455.7	475.6	557.1	637.6	719.1	799.7	920.9	1041.3	1162.5
72.5°	361.9	382.8	402.7	422.6	500.3	578.9	656.6	734.3	845.1	955.0	1065.9
75°	303.2	322.1	341.1	360.0	430.1	499.3	569.4	638.6	739.0	840.4	940.8
77.5°	241.6	257.7	273.8	289.9	349.6	408.4	468.0	526.8	610.2	692.6	776.0
80°	179.1	193.3	207.5	221.7	267.2	312.7	358.1	403.6	469.0	534.4	598.8
82.5°	120.3	130.7	141.2	151.6	182.9	214.1	244.4	275.7	322.1	369.5	415.9
85°	68.2	73.9	78.6	83.4	97.6	110.9	125.1	138.3	161.1	184.8	207.5
87.5°	30.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	32.2	32.2	33.2
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: P1445204

CATALOG NUMBER: TPTN-VA3-750-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: P1445204

CATALOG NUMBER: TPTN-VA3-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9
2.5°	409.3	408.4	407.4	406.5	405.5	405.5	404.6	404.6	403.6	402.7	402.7
5°	391.3	389.4	387.5	384.7	382.8	380.9	379.9	378.0	376.1	376.1	375.2
7.5°	372.4	368.6	364.8	361.0	357.2	353.4	350.6	346.8	343.0	342.0	340.1
10°	351.5	345.8	340.1	333.5	327.8	322.1	316.5	309.8	304.1	300.3	297.5
12.5°	350.6	344.9	339.2	333.5	327.8	322.1	316.5	309.8	304.1	300.3	295.6
15°	361.0	356.2	351.5	345.8	341.1	336.3	331.6	325.9	321.2	317.4	312.7
17.5°	380.9	378.0	375.2	371.4	368.6	365.7	362.9	360.0	357.2	354.3	352.5
20°	415.0	415.0	415.0	415.0	415.0	417.8	420.7	422.6	425.4	428.3	430.1
22.5°	464.3	469.9	474.7	480.4	485.1	497.4	508.8	521.1	532.5	542.9	554.3
25°	521.1	537.2	553.3	568.5	584.6	612.1	639.5	666.1	693.5	715.3	737.1
27.5°	582.7	610.2	637.6	664.2	691.6	731.4	772.2	812.0	851.8	878.3	905.8
30°	637.6	674.6	711.5	747.5	784.5	832.8	882.1	930.4	978.7	1007.1	1035.6
32.5°	699.2	745.6	793.0	839.4	885.9	938.0	990.1	1042.2	1094.3	1123.7	1152.1
35°	758.9	817.7	876.4	934.2	992.9	1048.8	1105.7	1161.6	1217.5	1247.8	1278.1
37.5°	822.4	894.4	966.4	1038.4	1110.4	1171.1	1230.7	1291.4	1351.1	1380.4	1408.9
40°	900.1	982.5	1065.9	1148.3	1230.7	1296.1	1361.5	1426.9	1492.2	1521.6	1551.9
42.5°	985.4	1079.2	1172.0	1265.8	1358.7	1429.7	1501.7	1572.8	1643.8	1673.2	1702.6
45°	1080.1	1186.2	1293.3	1399.4	1505.5	1579.4	1653.3	1726.3	1800.2	1831.4	1861.8
47.5°	1184.3	1299.9	1415.5	1530.1	1645.7	1725.3	1805.9	1885.4	1965.0	2000.1	2036.1
50°	1283.8	1409.8	1535.8	1661.8	1787.8	1871.2	1954.6	2038.0	2121.4	2154.5	2186.7
52.5°	1367.2	1507.4	1648.6	1788.8	1929.0	2011.4	2094.8	2177.3	2259.7	2298.5	2338.3
55°	1440.1	1581.3	1723.4	1864.6	2005.8	2095.8	2186.7	2276.7	2366.7	2403.7	2441.6
57.5°	1484.7	1628.7	1771.7	1915.8	2058.8	2146.0	2233.2	2320.3	2407.5	2444.4	2482.3
60°	1492.2	1638.2	1784.1	1929.0	2074.9	2156.4	2236.9	2318.4	2399.0	2444.4	2489.9
62.5°	1496.0	1630.6	1765.1	1899.6	2034.2	2129.9	2225.6	2321.3	2417.0	2462.4	2508.9
65°	1461.9	1596.5	1730.1	1864.6	1998.2	2089.1	2179.1	2270.1	2360.1	2388.5	2417.0
67.5°	1381.4	1519.7	1657.1	1795.4	1932.8	1999.1	2064.5	2130.8	2196.2	2233.2	2270.1
70°	1282.9	1409.8	1537.7	1664.7	1791.6	1857.0	1923.3	1988.7	2054.1	2098.6	2144.1
72.5°	1175.8	1282.9	1390.9	1497.9	1605.0	1677.9	1750.9	1822.9	1895.9	1932.8	1969.8
75°	1041.3	1134.1	1226.0	1318.9	1410.8	1473.3	1534.9	1597.4	1659.0	1690.3	1721.5
77.5°	858.4	938.9	1018.5	1099.0	1178.6	1230.7	1282.9	1334.0	1386.1	1414.6	1442.0
80°	664.2	728.6	793.0	856.5	920.9	966.4	1011.9	1056.4	1101.9	1123.7	1145.5
82.5°	462.4	507.8	553.3	598.8	644.3	679.3	714.4	749.4	784.5	799.7	815.8
85°	230.2	255.8	281.4	306.0	331.6	356.2	380.9	404.6	429.2	439.6	450.0
87.5°	33.2	35.1	37.0	37.9	39.8	41.7	44.5	46.4	48.3	54.0	59.7
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: P1445204

CATALOG NUMBER: TPTN-VA3-750-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: P1445204

CATALOG NUMBER: TPTN-VA3-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9
2.5°	401.7	400.8	400.8	400.8	400.8	400.8	401.7	402.7	402.7	403.6	404.6
5°	375.2	374.2	374.2	374.2	374.2	374.2	375.2	375.2	376.1	376.1	378.0
7.5°	339.2	337.3	336.3	335.4	336.3	337.3	339.2	340.1	342.0	343.0	346.8
10°	293.7	289.9	289.9	289.0	289.9	289.9	293.7	297.5	300.3	304.1	309.8
12.5°	291.8	287.1	286.1	284.2	286.1	287.1	291.8	295.6	300.3	304.1	309.8
15°	308.9	304.1	303.2	301.3	303.2	304.1	308.9	312.7	317.4	321.2	325.9
17.5°	349.6	346.8	347.7	348.7	347.7	346.8	349.6	352.5	354.3	357.2	360.0
20°	433.0	434.9	434.9	433.9	434.9	434.9	433.0	430.1	428.3	425.4	422.6
22.5°	564.7	575.1	579.8	583.6	579.8	575.1	564.7	554.3	542.9	532.5	521.1
25°	758.0	779.8	783.5	787.3	783.5	779.8	758.0	737.1	715.3	693.5	666.1
27.5°	932.3	958.8	965.5	971.1	965.5	958.8	932.3	904.8	878.3	851.8	812.0
30°	1063.0	1091.5	1095.3	1098.1	1095.3	1091.5	1063.0	1034.6	1007.1	978.7	930.4
32.5°	1181.5	1209.9	1212.7	1215.6	1212.7	1209.9	1180.5	1152.1	1123.7	1094.3	1042.2
35°	1307.5	1337.8	1337.8	1336.9	1337.8	1337.8	1307.5	1277.2	1247.8	1217.5	1161.6
37.5°	1438.2	1466.7	1472.3	1477.1	1472.3	1466.7	1437.3	1408.9	1380.4	1351.1	1291.4
40°	1581.3	1610.7	1613.5	1615.4	1613.5	1610.7	1581.3	1551.0	1521.6	1492.2	1426.9
42.5°	1731.0	1760.4	1764.2	1768.0	1764.2	1760.4	1731.0	1701.6	1673.2	1643.8	1572.8
45°	1893.0	1923.3	1924.3	1924.3	1924.3	1923.3	1892.1	1861.8	1831.4	1800.2	1726.3
47.5°	2071.1	2106.2	2109.0	2111.9	2109.0	2106.2	2071.1	2035.1	2000.1	1965.0	1885.4
50°	2219.9	2252.1	2258.7	2264.4	2258.7	2252.1	2218.9	2186.7	2154.5	2121.4	2038.0
52.5°	2377.2	2416.0	2421.7	2427.4	2421.7	2416.0	2377.2	2337.4	2298.5	2259.7	2177.3
55°	2478.5	2515.5	2525.9	2535.4	2525.9	2515.5	2478.5	2440.6	2403.7	2366.7	2276.7
57.5°	2519.3	2556.2	2566.7	2576.1	2566.7	2556.2	2519.3	2481.4	2444.4	2407.5	2320.3
60°	2534.4	2579.9	2589.4	2598.9	2589.4	2579.9	2534.4	2489.0	2444.4	2399.0	2318.4
62.5°	2554.3	2599.8	2602.7	2604.6	2602.7	2599.8	2554.3	2507.9	2462.4	2417.0	2321.3
65°	2444.4	2472.9	2476.6	2479.5	2476.6	2472.9	2444.4	2416.0	2388.5	2360.1	2270.1
67.5°	2306.1	2343.1	2359.2	2374.3	2358.2	2343.1	2306.1	2269.2	2233.2	2196.2	2130.8
70°	2188.6	2233.2	2241.7	2249.3	2241.7	2233.2	2188.6	2143.1	2098.6	2054.1	1988.7
72.5°	2006.7	2043.7	2043.7	2043.7	2043.7	2043.7	2006.7	1969.8	1932.8	1895.9	1822.9
75°	1752.8	1784.1	1785.0	1786.0	1785.0	1784.1	1752.8	1721.5	1690.3	1659.0	1597.4
77.5°	1470.5	1497.9	1509.3	1519.7	1509.3	1497.9	1469.5	1442.0	1414.6	1386.1	1334.0
80°	1167.3	1189.1	1196.6	1204.2	1196.6	1189.1	1167.3	1145.5	1123.7	1101.9	1056.4
82.5°	830.9	846.1	849.9	853.7	849.9	846.1	830.9	815.8	799.7	784.5	749.4
85°	459.5	469.9	473.7	476.6	473.7	469.9	459.5	450.0	439.6	429.2	404.6
87.5°	64.4	70.1	67.3	64.4	67.3	70.1	64.4	59.7	54.0	48.3	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: P1445204

CATALOG NUMBER: TPTN-VA3-750-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: P1445204

CATALOG NUMBER: TPTN-VA3-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9
2.5°	404.6	405.5	405.5	406.5	407.4	408.4	409.3	410.2	411.2	411.2	412.1
5°	379.9	380.9	382.8	384.7	387.5	389.4	391.3	394.1	397.0	398.9	401.7
7.5°	350.6	353.4	357.2	361.0	364.8	368.6	372.4	376.1	379.9	382.8	386.6
10°	316.5	322.1	327.8	333.5	340.1	345.8	351.5	356.2	361.0	365.7	370.5
12.5°	316.5	322.1	327.8	333.5	339.2	344.9	350.6	355.3	360.0	364.8	369.5
15°	331.6	336.3	341.1	345.8	351.5	356.2	361.0	365.7	371.4	376.1	380.9
17.5°	362.9	365.7	368.6	371.4	375.2	378.0	380.9	385.6	391.3	396.0	400.8
20°	420.7	417.8	415.0	415.0	415.0	415.0	415.0	418.8	422.6	426.4	430.1
22.5°	508.8	497.4	485.1	480.4	474.7	469.9	464.3	464.3	464.3	463.3	463.3
25°	639.5	612.1	584.6	568.5	552.4	537.2	521.1	515.4	509.7	503.1	497.4
27.5°	772.2	731.4	691.6	664.2	636.7	610.2	582.7	569.4	556.2	541.9	528.7
30°	882.1	832.8	784.5	747.5	710.6	674.6	637.6	616.8	596.9	577.0	556.2
32.5°	990.1	938.0	885.9	839.4	792.1	745.6	699.2	671.7	644.3	616.8	589.3
35°	1105.7	1048.8	992.9	934.2	875.4	817.7	758.9	724.8	691.6	658.5	624.4
37.5°	1230.7	1171.1	1110.4	1038.4	966.4	894.4	822.4	781.7	740.9	700.2	659.4
40°	1361.5	1296.1	1230.7	1148.3	1064.9	982.5	900.1	847.0	794.9	741.9	688.8
42.5°	1501.7	1429.7	1358.7	1264.9	1172.0	1078.2	985.4	919.0	853.7	788.3	722.0
45°	1653.3	1579.4	1505.5	1399.4	1292.3	1186.2	1080.1	1001.5	922.8	843.2	764.6
47.5°	1805.9	1725.3	1645.7	1530.1	1414.6	1299.9	1184.3	1090.5	997.7	903.9	810.1
50°	1954.6	1871.2	1787.8	1661.8	1535.8	1409.8	1283.8	1173.9	1064.9	955.0	845.1
52.5°	2094.8	2011.4	1929.0	1788.8	1647.6	1507.4	1367.2	1245.9	1124.6	1002.4	881.1
55°	2186.7	2095.8	2005.8	1864.6	1722.5	1581.3	1440.1	1309.4	1178.6	1046.9	916.2
57.5°	2233.2	2146.0	2058.8	1914.8	1771.7	1627.7	1484.7	1344.4	1205.2	1065.9	925.7
60°	2236.9	2156.4	2074.9	1929.0	1783.1	1638.2	1492.2	1349.2	1207.1	1064.0	920.9
62.5°	2225.6	2129.9	2034.2	1899.6	1765.1	1630.6	1496.0	1351.1	1207.1	1062.1	917.1
65°	2179.1	2089.1	1998.2	1863.6	1730.1	1595.5	1461.9	1317.9	1173.9	1029.9	885.9
67.5°	2064.5	1999.1	1932.8	1794.5	1657.1	1518.8	1381.4	1247.8	1115.2	981.6	848.0
70°	1923.3	1857.0	1791.6	1664.7	1536.8	1409.8	1282.9	1161.6	1041.3	920.9	799.7
72.5°	1750.9	1677.9	1605.0	1497.9	1389.9	1282.9	1175.8	1064.9	955.0	845.1	734.3
75°	1534.9	1473.3	1410.8	1317.9	1226.0	1133.2	1041.3	940.8	840.4	739.0	638.6
77.5°	1282.9	1230.7	1178.6	1098.1	1018.5	938.0	858.4	775.0	692.6	610.2	526.8
80°	1011.9	966.4	920.9	856.5	792.1	728.6	664.2	598.8	534.4	469.0	403.6
82.5°	714.4	679.3	644.3	598.8	553.3	507.8	462.4	415.9	369.5	322.1	275.7
85°	380.9	356.2	331.6	306.0	280.4	255.8	230.2	207.5	184.8	161.1	138.3
87.5°	44.5	41.7	39.8	37.9	37.0	35.1	33.2	33.2	32.2	32.2	31.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445204

CATALOG NUMBER: TPTN-VA3-750-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: P1445204

CATALOG NUMBER: TPTN-VA3-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9
2.5°	413.1	414.0	415.0	415.9	416.9	416.9	417.8	417.8	418.8	418.8	419.7
5°	404.6	406.5	409.3	411.2	413.1	415.0	415.9	417.8	418.8	420.7	421.6
7.5°	389.4	392.2	395.1	397.9	400.8	402.7	405.5	407.4	409.3	411.2	412.1
10°	374.2	378.0	380.9	384.7	387.5	389.4	392.2	394.1	396.0	397.9	399.8
12.5°	373.3	377.1	379.9	383.7	386.6	390.4	393.2	396.0	397.9	399.8	400.8
15°	385.6	389.4	394.1	397.9	400.8	403.6	406.5	409.3	411.2	412.1	414.0
17.5°	405.5	410.2	414.0	418.8	420.7	422.6	423.5	425.4	425.4	425.4	425.4
20°	433.0	435.8	438.7	441.5	440.6	439.6	437.7	436.8	434.9	433.0	431.1
22.5°	463.3	463.3	462.4	462.4	458.6	454.8	451.0	447.2	444.4	441.5	437.7
25°	493.6	489.8	485.1	481.3	476.6	470.9	466.1	460.5	456.7	453.8	450.0
27.5°	523.0	517.3	510.7	505.0	499.3	492.7	487.0	480.4	475.6	470.9	465.2
30°	550.5	544.8	538.2	532.5	523.9	516.4	507.8	499.3	491.7	484.2	475.6
32.5°	581.7	573.2	565.6	557.1	545.7	534.4	523.0	511.6	502.2	492.7	482.3
35°	612.1	599.7	587.4	575.1	562.8	550.5	537.2	524.9	514.5	504.0	493.6
37.5°	642.4	625.3	608.3	591.2	578.9	566.6	553.3	541.0	529.6	518.3	505.9
40°	668.9	650.0	630.1	610.2	596.9	584.6	571.3	558.1	544.8	531.5	518.3
42.5°	698.3	674.6	650.9	627.2	613.0	598.8	583.6	569.4	555.2	541.0	526.8
45°	735.2	704.9	675.5	645.2	630.1	614.0	598.8	582.7	567.5	553.3	538.2
47.5°	772.2	735.2	697.3	659.4	643.3	627.2	610.2	594.1	578.9	563.7	547.6
50°	800.6	757.0	712.5	668.0	651.8	634.8	618.7	601.6	585.5	569.4	552.4
52.5°	830.0	778.8	727.6	676.5	659.4	642.4	624.4	607.3	590.3	573.2	556.2
55°	856.5	796.8	736.2	676.5	658.5	639.5	621.5	602.6	585.5	567.5	550.5
57.5°	859.3	793.0	726.7	660.4	641.4	621.5	602.6	582.7	566.6	550.5	533.4
60°	849.9	777.9	706.8	634.8	614.0	594.1	573.2	552.4	539.1	526.8	513.5
62.5°	839.4	761.8	683.1	605.4	584.6	563.7	542.9	522.0	510.7	500.3	488.9
65°	805.3	724.8	644.3	563.7	545.7	526.8	508.8	489.8	477.5	465.2	451.9
67.5°	765.5	684.1	601.6	519.2	501.2	483.2	465.2	447.2	434.9	422.6	409.3
70°	719.1	637.6	557.1	475.6	455.7	435.8	415.9	396.0	385.6	376.1	365.7
72.5°	656.6	578.9	500.3	422.6	402.7	382.8	361.9	342.0	334.5	325.9	318.3
75°	569.4	499.3	430.1	360.0	341.1	322.1	303.2	284.2	278.6	272.9	266.2
77.5°	468.0	408.4	349.6	289.9	273.8	257.7	241.6	225.5	220.8	217.0	212.2
80°	358.1	312.7	267.2	221.7	207.5	193.3	179.1	164.9	162.0	158.2	155.4
82.5°	244.4	214.1	182.9	151.6	141.2	130.7	120.3	109.9	108.0	106.1	103.3
85°	125.1	110.9	97.6	83.4	78.6	73.9	68.2	63.5	61.6	60.6	58.7
87.5°	31.3	31.3	31.3	31.3	31.3	31.3	30.3	30.3	30.3	30.3	29.4
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: P1445204

CATALOG NUMBER: TPTN-VA3-750-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: P1445204

CATALOG NUMBER: TPTN-VA3-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9
2.5°	419.7	419.7	420.7	420.7	420.7	420.7	420.7	420.7	420.7	420.7	420.7
5°	422.6	423.5	423.5	424.5	424.5	424.5	424.5	424.5	424.5	424.5	423.5
7.5°	414.0	415.0	415.9	415.9	416.9	416.9	416.9	416.9	416.9	415.9	415.9
10°	401.7	402.7	403.6	403.6	404.6	405.5	406.5	405.5	404.6	403.6	403.6
12.5°	402.7	403.6	403.6	404.6	404.6	405.5	405.5	405.5	404.6	404.6	403.6
15°	415.0	415.0	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9
17.5°	425.4	424.5	424.5	423.5	422.6	422.6	422.6	422.6	422.6	423.5	424.5
20°	429.2	427.3	426.4	424.5	422.6	422.6	422.6	422.6	422.6	424.5	426.4
22.5°	434.9	433.0	430.1	428.3	425.4	425.4	424.5	425.4	425.4	428.3	430.1
25°	446.3	443.4	441.5	438.7	435.8	435.8	435.8	435.8	435.8	438.7	441.5
27.5°	460.5	457.6	454.8	451.0	448.1	447.2	446.3	447.2	448.1	451.0	454.8
30°	468.0	463.3	458.6	453.8	449.1	448.1	447.2	448.1	449.1	453.8	458.6
32.5°	472.8	467.1	462.4	456.7	451.0	450.0	448.1	450.0	451.0	456.7	462.4
35°	483.2	477.5	471.8	465.2	459.5	457.6	454.8	457.6	459.5	465.2	471.8
37.5°	494.6	487.9	481.3	473.7	467.1	464.3	461.4	464.3	467.1	473.7	481.3
40°	505.0	497.4	488.9	480.4	472.8	469.0	466.1	469.9	472.8	481.3	488.9
42.5°	512.6	504.0	496.5	487.9	479.4	475.6	471.8	475.6	479.4	487.9	496.5
45°	523.0	514.5	505.9	496.5	487.9	484.2	480.4	484.2	487.9	496.5	505.9
47.5°	532.5	523.0	513.5	503.1	493.6	489.8	487.0	490.8	493.6	503.1	513.5
50°	536.3	526.8	516.4	505.9	496.5	491.7	487.9	492.7	496.5	506.9	516.4
52.5°	539.1	528.7	517.3	505.9	495.5	490.8	486.0	490.8	495.5	506.9	517.3
55°	532.5	521.1	509.7	498.4	487.0	482.3	478.5	483.2	487.0	498.4	509.7
57.5°	517.3	507.8	497.4	487.0	477.5	472.8	468.0	472.8	477.5	487.9	497.4
60°	500.3	490.8	482.3	472.8	463.3	458.6	453.8	458.6	463.3	472.8	482.3
62.5°	477.5	467.1	457.6	447.2	436.8	430.1	424.5	431.1	436.8	447.2	457.6
65°	439.6	430.1	420.7	411.2	401.7	395.1	388.5	395.1	401.7	411.2	420.7
67.5°	397.0	389.4	381.8	373.3	365.7	360.0	354.3	360.0	365.7	373.3	381.8
70°	355.3	348.7	343.0	336.3	329.7	323.1	317.4	324.0	329.7	336.3	343.0
72.5°	309.8	304.1	297.5	290.9	285.2	278.6	272.9	279.5	285.2	291.8	297.5
75°	260.6	254.9	249.2	242.5	236.9	230.2	224.5	231.2	236.9	242.5	249.2
77.5°	207.5	201.8	196.1	189.5	183.8	178.1	172.4	178.1	183.8	189.5	196.1
80°	151.6	146.9	143.1	138.3	133.6	128.9	124.1	128.9	133.6	138.3	143.1
82.5°	101.4	96.6	92.9	88.1	83.4	77.7	72.0	77.7	83.4	88.1	92.9
85°	56.8	53.1	50.2	46.4	42.6	37.0	32.2	37.9	42.6	46.4	50.2
87.5°	29.4	25.6	22.7	18.9	15.2	10.4	6.6	11.4	15.2	18.9	22.7
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: P1445204

CATALOG NUMBER: TPTN-VA3-750-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: P1445204

CATALOG NUMBER: TPTN-VA3-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9
2.5°	419.7	419.7	419.7	418.8	418.8	417.8	417.8	416.9	416.9	415.9	415.0
5°	423.5	422.6	421.6	420.7	418.8	417.8	415.9	415.0	413.1	411.2	409.3
7.5°	415.0	414.0	412.1	411.2	409.3	407.4	405.5	402.7	400.8	397.9	395.1
10°	402.7	401.7	399.8	397.9	396.0	394.1	392.2	389.4	387.5	384.7	380.9
12.5°	403.6	402.7	400.8	399.8	397.9	396.0	393.2	390.4	386.6	383.7	379.9
15°	415.0	415.0	414.0	412.1	411.2	409.3	406.5	403.6	400.8	397.9	394.1
17.5°	424.5	425.4	425.4	425.4	425.4	425.4	423.5	422.6	420.7	418.8	414.0
20°	427.3	429.2	431.1	433.0	434.9	436.8	437.7	439.6	440.6	441.5	438.7
22.5°	433.0	434.9	437.7	441.5	444.4	447.2	451.0	454.8	458.6	462.4	462.4
25°	443.4	446.3	450.0	453.8	456.7	460.5	466.1	470.9	476.6	481.3	485.1
27.5°	457.6	460.5	465.2	470.9	475.6	480.4	487.0	492.7	499.3	505.0	510.7
30°	463.3	468.0	475.6	484.2	491.7	499.3	507.8	516.4	523.9	532.5	538.2
32.5°	467.1	472.8	482.3	492.7	502.2	511.6	523.0	534.4	545.7	557.1	565.6
35°	477.5	483.2	493.6	504.0	514.5	524.9	537.2	550.5	562.8	575.1	587.4
37.5°	487.9	494.6	505.9	518.3	529.6	541.0	553.3	566.6	578.9	591.2	608.3
40°	497.4	505.0	518.3	531.5	544.8	558.1	571.3	584.6	596.9	610.2	630.1
42.5°	504.0	512.6	526.8	541.0	555.2	569.4	583.6	598.8	613.0	627.2	650.9
45°	514.5	523.0	538.2	553.3	567.5	582.7	598.8	614.0	630.1	645.2	675.5
47.5°	523.0	532.5	547.6	563.7	578.9	594.1	610.2	627.2	643.3	659.4	697.3
50°	526.8	536.3	552.4	569.4	585.5	601.6	618.7	634.8	651.8	668.0	712.5
52.5°	528.7	539.1	556.2	573.2	590.3	607.3	624.4	642.4	659.4	676.5	727.6
55°	521.1	532.5	550.5	567.5	585.5	602.6	621.5	639.5	658.5	676.5	736.2
57.5°	507.8	517.3	533.4	550.5	566.6	582.7	602.6	621.5	641.4	660.4	726.7
60°	490.8	500.3	513.5	526.8	539.1	552.4	573.2	594.1	614.0	634.8	706.8
62.5°	467.1	477.5	488.9	500.3	510.7	522.0	542.9	563.7	584.6	605.4	683.1
65°	430.1	439.6	451.9	465.2	477.5	489.8	508.8	526.8	545.7	563.7	644.3
67.5°	389.4	397.0	409.3	422.6	434.9	447.2	465.2	483.2	501.2	519.2	601.6
70°	348.7	355.3	365.7	376.1	385.6	396.0	415.9	435.8	455.7	475.6	557.1
72.5°	304.1	309.8	318.3	325.9	334.5	342.0	361.9	382.8	402.7	422.6	500.3
75°	254.9	260.6	266.2	272.9	278.6	284.2	303.2	322.1	341.1	360.0	430.1
77.5°	201.8	207.5	212.2	217.0	220.8	225.5	241.6	257.7	273.8	289.9	349.6
80°	146.9	151.6	155.4	158.2	162.0	164.9	179.1	193.3	207.5	221.7	267.2
82.5°	96.6	101.4	103.3	106.1	108.0	109.9	120.3	130.7	141.2	151.6	182.9
85°	53.1	56.8	58.7	60.6	61.6	63.5	68.2	73.9	78.6	83.4	97.6
87.5°	25.6	29.4	29.4	30.3	30.3	30.3	30.3	31.3	31.3	31.3	31.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445204

CATALOG NUMBER: TPTN-VA3-750-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: P1445204

CATALOG NUMBER: TPTN-VA3-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9
2.5°	414.0	413.1	412.1	411.2	411.2	410.2	409.3	408.4	407.4	406.5	405.5
5°	406.5	404.6	401.7	398.9	397.0	394.1	391.3	389.4	387.5	384.7	382.8
7.5°	392.2	389.4	386.6	382.8	379.9	376.1	372.4	368.6	364.8	361.0	357.2
10°	378.0	374.2	370.5	365.7	361.0	356.2	351.5	345.8	340.1	333.5	327.8
12.5°	377.1	373.3	369.5	364.8	360.0	355.3	350.6	344.9	339.2	333.5	327.8
15°	389.4	385.6	380.9	376.1	371.4	365.7	361.0	356.2	351.5	345.8	341.1
17.5°	410.2	405.5	400.8	396.0	391.3	385.6	380.9	378.0	375.2	371.4	368.6
20°	435.8	433.0	430.1	426.4	422.6	418.8	415.0	415.0	415.0	415.0	415.0
22.5°	463.3	463.3	463.3	463.3	464.3	464.3	464.3	469.9	474.7	480.4	485.1
25°	489.8	493.6	497.4	503.1	509.7	515.4	521.1	537.2	553.3	568.5	584.6
27.5°	517.3	523.0	528.7	541.9	556.2	569.4	582.7	610.2	637.6	664.2	691.6
30°	544.8	550.5	556.2	577.0	596.9	617.7	637.6	674.6	711.5	747.5	784.5
32.5°	573.2	581.7	589.3	616.8	644.3	671.7	699.2	745.6	793.0	839.4	885.9
35°	599.7	612.1	624.4	658.5	691.6	725.8	758.9	817.7	876.4	934.2	992.9
37.5°	625.3	642.4	659.4	700.2	740.9	781.7	822.4	894.4	966.4	1038.4	1110.4
40°	650.0	668.9	688.8	741.9	794.9	847.0	900.1	982.5	1065.9	1148.3	1230.7
42.5°	674.6	698.3	722.0	788.3	853.7	920.0	985.4	1079.2	1172.0	1265.8	1358.7
45°	704.9	735.2	764.6	843.2	922.8	1001.5	1080.1	1186.2	1293.3	1399.4	1505.5
47.5°	735.2	772.2	810.1	903.9	997.7	1090.5	1184.3	1299.9	1415.5	1530.1	1645.7
50°	757.0	800.6	845.1	955.0	1064.9	1173.9	1283.8	1409.8	1535.8	1661.8	1787.8
52.5°	778.8	830.0	881.1	1002.4	1124.6	1245.9	1367.2	1507.4	1648.6	1788.8	1929.0
55°	796.8	856.5	916.2	1046.9	1178.6	1309.4	1440.1	1581.3	1723.4	1864.6	2005.8
57.5°	793.0	859.3	925.7	1065.9	1205.2	1345.4	1484.7	1628.7	1771.7	1915.8	2058.8
60°	777.9	849.9	920.9	1064.0	1207.1	1349.2	1492.2	1638.2	1784.1	1929.0	2074.9
62.5°	761.8	839.4	917.1	1062.1	1207.1	1351.1	1496.0	1630.6	1765.1	1899.6	2034.2
65°	724.8	805.3	885.9	1029.9	1173.9	1317.9	1461.9	1596.5	1730.1	1864.6	1998.2
67.5°	684.1	765.5	848.0	981.6	1115.2	1247.8	1381.4	1519.7	1657.1	1795.4	1932.8
70°	637.6	719.1	799.7	920.9	1041.3	1162.5	1282.9	1409.8	1537.7	1664.7	1791.6
72.5°	578.9	656.6	734.3	845.1	955.0	1065.9	1175.8	1282.9	1390.9	1497.9	1605.0
75°	499.3	569.4	638.6	739.0	840.4	940.8	1041.3	1134.1	1226.0	1318.9	1410.8
77.5°	408.4	468.0	526.8	610.2	692.6	776.0	858.4	938.9	1018.5	1099.0	1178.6
80°	312.7	358.1	403.6	469.0	534.4	598.8	664.2	728.6	793.0	856.5	920.9
82.5°	214.1	244.4	275.7	322.1	369.5	415.9	462.4	507.8	553.3	598.8	644.3
85°	110.9	125.1	138.3	161.1	184.8	207.5	230.2	255.8	281.4	306.0	331.6
87.5°	31.3	31.3	31.3	32.2	32.2	33.2	33.2	35.1	37.0	37.9	39.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445204

CATALOG NUMBER: TPTN-VA3-750-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: P1445204

CATALOG NUMBER: TPTN-VA3-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9
2.5°	405.5	404.6	404.6	403.6	402.7	402.7	401.7	400.8	400.8	400.8	400.8
5°	380.9	379.9	378.0	376.1	376.1	375.2	375.2	374.2	374.2	374.2	374.2
7.5°	353.4	350.6	346.8	343.0	342.0	340.1	339.2	337.3	336.3	335.4	336.3
10°	322.1	316.5	309.8	304.1	300.3	297.5	293.7	289.9	289.9	289.0	289.9
12.5°	322.1	316.5	309.8	304.1	300.3	295.6	291.8	287.1	286.1	284.2	286.1
15°	336.3	331.6	325.9	321.2	317.4	312.7	308.9	304.1	303.2	301.3	303.2
17.5°	365.7	362.9	360.0	357.2	354.3	352.5	349.6	346.8	347.7	348.7	347.7
20°	417.8	420.7	422.6	425.4	427.3	430.1	432.0	434.9	434.9	433.9	434.9
22.5°	497.4	508.8	520.2	532.5	542.9	554.3	564.7	575.1	578.9	583.6	579.8
25°	612.1	639.5	666.1	693.5	715.3	737.1	758.0	779.8	783.5	787.3	783.5
27.5°	731.4	772.2	812.0	851.8	878.3	905.8	932.3	958.8	964.5	971.1	965.5
30°	832.8	882.1	930.4	978.7	1007.1	1035.6	1063.0	1091.5	1094.3	1098.1	1095.3
32.5°	938.0	990.1	1042.2	1094.3	1122.7	1152.1	1180.5	1209.9	1212.7	1215.6	1212.7
35°	1048.8	1105.7	1161.6	1217.5	1247.8	1278.1	1307.5	1337.8	1337.8	1336.9	1337.8
37.5°	1171.1	1230.7	1290.4	1351.1	1379.5	1408.9	1437.3	1466.7	1471.4	1477.1	1472.3
40°	1296.1	1361.5	1426.9	1492.2	1521.6	1551.9	1581.3	1610.7	1612.6	1615.4	1613.5
42.5°	1429.7	1501.7	1572.8	1643.8	1673.2	1702.6	1731.0	1760.4	1764.2	1768.0	1764.2
45°	1579.4	1653.3	1726.3	1800.2	1830.5	1861.8	1892.1	1923.3	1924.3	1924.3	1924.3
47.5°	1725.3	1805.9	1885.4	1965.0	2000.1	2036.1	2071.1	2106.2	2109.0	2111.9	2109.0
50°	1871.2	1954.6	2038.0	2121.4	2153.6	2186.7	2218.9	2252.1	2257.8	2264.4	2258.7
52.5°	2011.4	2094.8	2177.3	2259.7	2298.5	2338.3	2377.2	2416.0	2421.7	2427.4	2421.7
55°	2095.8	2186.7	2276.7	2366.7	2403.7	2441.6	2478.5	2515.5	2525.0	2535.4	2525.9
57.5°	2146.0	2233.2	2320.3	2407.5	2444.4	2482.3	2519.3	2556.2	2565.7	2576.1	2566.7
60°	2156.4	2236.9	2317.5	2399.0	2444.4	2489.9	2534.4	2579.9	2589.4	2598.9	2589.4
62.5°	2129.9	2225.6	2321.3	2417.0	2462.4	2508.9	2554.3	2599.8	2601.7	2604.6	2602.7
65°	2089.1	2179.1	2269.2	2360.1	2388.5	2417.0	2444.4	2472.9	2475.7	2479.5	2476.6
67.5°	1999.1	2064.5	2129.9	2196.2	2233.2	2270.1	2306.1	2343.1	2358.2	2374.3	2359.2
70°	1857.0	1923.3	1988.7	2054.1	2098.6	2144.1	2188.6	2233.2	2240.7	2249.3	2241.7
72.5°	1677.9	1750.9	1822.9	1895.9	1932.8	1969.8	2006.7	2043.7	2043.7	2043.7	2043.7
75°	1473.3	1534.9	1596.5	1659.0	1690.3	1721.5	1752.8	1784.1	1785.0	1786.0	1785.0
77.5°	1230.7	1282.9	1334.0	1386.1	1413.6	1442.0	1469.5	1497.9	1508.3	1519.7	1509.3
80°	966.4	1011.9	1056.4	1101.9	1123.7	1145.5	1167.3	1189.1	1196.6	1204.2	1196.6
82.5°	679.3	714.4	749.4	784.5	799.7	815.8	830.9	846.1	849.9	853.7	849.9
85°	356.2	380.9	404.6	429.2	439.6	450.0	459.5	469.9	472.8	476.6	473.7
87.5°	41.7	44.5	46.4	48.3	54.0	59.7	64.4	70.1	67.3	64.4	67.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445204

CATALOG NUMBER: TPTN-VA3-750-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: P1445204

CATALOG NUMBER: TPTN-VA3-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9
2.5°	400.8	401.7	402.7	402.7	403.6	404.6	404.6	405.5	405.5	406.5	407.4
5°	374.2	375.2	375.2	376.1	376.1	378.0	379.9	380.9	382.8	384.7	387.5
7.5°	337.3	339.2	340.1	342.0	343.0	346.8	350.6	353.4	357.2	361.0	364.8
10°	289.9	293.7	297.5	300.3	304.1	309.8	316.5	322.1	327.8	333.5	340.1
12.5°	287.1	291.8	295.6	300.3	304.1	309.8	316.5	322.1	327.8	333.5	339.2
15°	304.1	308.9	312.7	317.4	321.2	325.9	331.6	336.3	341.1	345.8	351.5
17.5°	346.8	349.6	352.5	354.3	357.2	360.0	362.9	365.7	368.6	371.4	375.2
20°	434.9	432.0	430.1	427.3	425.4	422.6	420.7	417.8	415.0	415.0	415.0
22.5°	575.1	564.7	554.3	542.9	532.5	520.2	508.8	496.5	485.1	479.4	474.7
25°	779.8	758.0	737.1	715.3	693.5	666.1	639.5	612.1	584.6	568.5	553.3
27.5°	958.8	932.3	905.8	878.3	851.8	812.0	772.2	731.4	691.6	664.2	637.6
30°	1091.5	1063.0	1035.6	1007.1	978.7	930.4	882.1	832.8	784.5	747.5	711.5
32.5°	1209.9	1180.5	1152.1	1122.7	1094.3	1042.2	990.1	938.0	885.9	839.4	793.0
35°	1337.8	1307.5	1278.1	1247.8	1217.5	1161.6	1105.7	1048.8	992.9	934.2	876.4
37.5°	1466.7	1437.3	1408.9	1379.5	1351.1	1290.4	1230.7	1170.1	1110.4	1038.4	966.4
40°	1610.7	1581.3	1551.9	1521.6	1492.2	1426.9	1361.5	1296.1	1230.7	1148.3	1065.9
42.5°	1760.4	1731.0	1702.6	1673.2	1643.8	1572.8	1501.7	1429.7	1358.7	1264.9	1172.0
45°	1923.3	1892.1	1861.8	1830.5	1800.2	1726.3	1653.3	1579.4	1505.5	1399.4	1293.3
47.5°	2106.2	2071.1	2036.1	2000.1	1965.0	1885.4	1805.9	1725.3	1645.7	1530.1	1415.5
50°	2252.1	2218.9	2186.7	2153.6	2121.4	2038.0	1954.6	1871.2	1787.8	1661.8	1535.8
52.5°	2416.0	2377.2	2338.3	2298.5	2259.7	2177.3	2094.8	2011.4	1929.0	1788.8	1648.6
55°	2515.5	2478.5	2441.6	2403.7	2366.7	2276.7	2186.7	2095.8	2005.8	1864.6	1723.4
57.5°	2556.2	2519.3	2482.3	2444.4	2407.5	2320.3	2233.2	2146.0	2058.8	1914.8	1771.7
60°	2579.9	2534.4	2489.9	2444.4	2399.0	2317.5	2236.9	2155.5	2074.9	1929.0	1784.1
62.5°	2599.8	2554.3	2508.9	2462.4	2417.0	2321.3	2225.6	2129.9	2034.2	1899.6	1765.1
65°	2472.9	2444.4	2417.0	2388.5	2360.1	2269.2	2179.1	2088.2	1998.2	1863.6	1730.1
67.5°	2343.1	2306.1	2270.1	2233.2	2196.2	2129.9	2064.5	1998.2	1932.8	1794.5	1657.1
70°	2233.2	2188.6	2144.1	2098.6	2054.1	1988.7	1923.3	1857.0	1791.6	1664.7	1537.7
72.5°	2043.7	2006.7	1969.8	1932.8	1895.9	1822.9	1750.9	1677.9	1605.0	1497.9	1390.9
75°	1784.1	1752.8	1721.5	1690.3	1659.0	1596.5	1534.9	1472.3	1410.8	1317.9	1226.0
77.5°	1497.9	1469.5	1442.0	1413.6	1386.1	1334.0	1282.9	1230.7	1178.6	1098.1	1018.5
80°	1189.1	1167.3	1145.5	1123.7	1101.9	1056.4	1011.9	966.4	920.9	856.5	793.0
82.5°	846.1	830.9	815.8	799.7	784.5	749.4	714.4	679.3	644.3	598.8	553.3
85°	469.9	459.5	450.0	439.6	429.2	404.6	380.9	356.2	331.6	306.0	281.4
87.5°	70.1	64.4	59.7	54.0	48.3	46.4	44.5	41.7	39.8	37.9	37.0
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: P1445204

CATALOG NUMBER: TPTN-VA3-750-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: P1445204

CATALOG NUMBER: TPTN-VA3-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9
2.5°	408.4	409.3	410.2	411.2	411.2	412.1	413.1	414.0	415.0	415.9	416.9
5°	389.4	391.3	394.1	397.0	398.9	401.7	404.6	406.5	409.3	411.2	413.1
7.5°	368.6	372.4	376.1	379.9	382.8	386.6	389.4	392.2	395.1	397.9	400.8
10°	345.8	351.5	356.2	361.0	365.7	370.5	374.2	378.0	380.9	384.7	387.5
12.5°	344.9	350.6	355.3	360.0	364.8	369.5	373.3	377.1	379.9	383.7	386.6
15°	356.2	361.0	365.7	371.4	376.1	380.9	385.6	389.4	394.1	397.9	400.8
17.5°	378.0	380.9	385.6	391.3	396.0	400.8	405.5	410.2	414.0	418.8	420.7
20°	415.0	415.0	418.8	422.6	426.4	430.1	433.0	435.8	438.7	441.5	440.6
22.5°	469.9	464.3	464.3	464.3	463.3	463.3	463.3	463.3	462.4	462.4	458.6
25°	537.2	521.1	515.4	509.7	503.1	497.4	493.6	489.8	485.1	481.3	476.6
27.5°	610.2	582.7	569.4	556.2	541.9	528.7	523.0	517.3	510.7	505.0	499.3
30°	674.6	637.6	617.7	596.9	577.0	556.2	550.5	544.8	538.2	532.5	523.9
32.5°	745.6	699.2	671.7	644.3	616.8	589.3	581.7	573.2	565.6	557.1	545.7
35°	817.7	758.9	725.8	691.6	658.5	624.4	612.1	599.7	587.4	575.1	562.8
37.5°	894.4	822.4	781.7	740.9	700.2	659.4	642.4	625.3	608.3	591.2	578.9
40°	982.5	900.1	847.0	794.9	741.9	688.8	668.9	650.0	630.1	610.2	596.9
42.5°	1079.2	985.4	920.0	853.7	788.3	722.0	698.3	674.6	650.9	627.2	613.0
45°	1186.2	1080.1	1001.5	922.8	843.2	764.6	735.2	704.9	675.5	645.2	630.1
47.5°	1299.9	1184.3	1090.5	997.7	903.9	810.1	772.2	735.2	697.3	659.4	643.3
50°	1409.8	1283.8	1173.9	1064.9	955.0	845.1	800.6	757.0	712.5	668.0	651.8
52.5°	1507.4	1367.2	1245.9	1124.6	1002.4	881.1	830.0	778.8	727.6	676.5	659.4
55°	1581.3	1440.1	1309.4	1178.6	1046.9	916.2	856.5	796.8	736.2	676.5	658.5
57.5°	1628.7	1484.7	1345.4	1205.2	1065.9	925.7	859.3	793.0	726.7	660.4	641.4
60°	1638.2	1492.2	1349.2	1207.1	1064.0	920.9	849.9	777.9	706.8	634.8	614.0
62.5°	1630.6	1496.0	1351.1	1207.1	1062.1	917.1	839.4	761.8	683.1	605.4	584.6
65°	1596.5	1461.9	1317.9	1173.9	1029.9	885.9	805.3	724.8	644.3	563.7	545.7
67.5°	1519.7	1381.4	1247.8	1115.2	981.6	848.0	765.5	684.1	601.6	519.2	501.2
70°	1409.8	1282.9	1162.5	1041.3	920.9	799.7	719.1	637.6	557.1	475.6	455.7
72.5°	1282.9	1175.8	1065.9	955.0	845.1	734.3	656.6	578.9	500.3	422.6	402.7
75°	1134.1	1041.3	940.8	840.4	739.0	638.6	569.4	499.3	430.1	360.0	341.1
77.5°	938.9	858.4	776.0	692.6	610.2	526.8	468.0	408.4	349.6	289.9	273.8
80°	728.6	664.2	598.8	534.4	469.0	403.6	358.1	312.7	267.2	221.7	207.5
82.5°	507.8	462.4	415.9	369.5	322.1	275.7	244.4	214.1	182.9	151.6	141.2
85°	255.8	230.2	207.5	184.8	161.1	138.3	125.1	110.9	97.6	83.4	78.6
87.5°	35.1	33.2	33.2	32.2	32.2	31.3	31.3	31.3	31.3	31.3	31.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1445204

CATALOG NUMBER: TPTN-VA3-750-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: P1445204

CATALOG NUMBER: TPTN-VA3-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9	415.9
2.5°	416.9	417.8	417.8	418.8	418.8	419.7	419.7	419.7	420.7	420.7	420.7
5°	414.0	415.9	417.8	418.8	420.7	421.6	422.6	423.5	423.5	424.5	424.5
7.5°	402.7	405.5	407.4	409.3	410.2	412.1	414.0	415.0	415.9	415.9	416.9
10°	389.4	392.2	394.1	396.0	397.9	399.8	401.7	402.7	403.6	403.6	404.6
12.5°	389.4	393.2	396.0	397.9	398.9	400.8	402.7	403.6	403.6	404.6	404.6
15°	403.6	406.5	409.3	411.2	412.1	414.0	415.0	415.0	415.9	415.9	415.9
17.5°	421.6	423.5	425.4	425.4	425.4	425.4	425.4	424.5	424.5	423.5	422.6
20°	439.6	437.7	436.8	434.9	433.0	431.1	429.2	427.3	426.4	424.5	422.6
22.5°	454.8	451.0	447.2	444.4	441.5	437.7	434.9	433.0	430.1	428.3	425.4
25°	470.9	466.1	460.5	456.7	453.8	450.0	446.3	443.4	441.5	438.7	435.8
27.5°	492.7	487.0	480.4	475.6	470.9	465.2	460.5	457.6	454.8	451.0	448.1
30°	516.4	507.8	499.3	491.7	484.2	475.6	468.0	463.3	458.6	453.8	449.1
32.5°	534.4	523.0	511.6	502.2	492.7	482.3	472.8	467.1	462.4	456.7	451.0
35°	550.5	537.2	524.9	514.5	504.0	493.6	483.2	477.5	471.8	465.2	459.5
37.5°	566.6	553.3	541.0	529.6	518.3	505.9	494.6	487.9	481.3	473.7	467.1
40°	584.6	571.3	558.1	544.8	531.5	518.3	505.0	497.4	488.9	481.3	472.8
42.5°	598.8	583.6	569.4	555.2	541.0	526.8	512.6	504.0	496.5	487.9	479.4
45°	614.0	598.8	582.7	567.5	553.3	538.2	523.0	514.5	505.9	496.5	487.9
47.5°	627.2	610.2	594.1	578.9	563.7	547.6	532.5	523.0	513.5	503.1	493.6
50°	634.8	618.7	601.6	585.5	569.4	552.4	536.3	526.8	516.4	506.9	496.5
52.5°	642.4	624.4	607.3	590.3	573.2	556.2	539.1	528.7	517.3	506.9	495.5
55°	639.5	621.5	602.6	585.5	567.5	550.5	532.5	521.1	509.7	498.4	487.0
57.5°	621.5	602.6	582.7	566.6	550.5	533.4	517.3	507.8	497.4	487.9	477.5
60°	594.1	573.2	552.4	539.1	526.8	513.5	500.3	490.8	482.3	472.8	463.3
62.5°	563.7	542.9	522.0	510.7	500.3	488.9	477.5	467.1	457.6	447.2	436.8
65°	526.8	508.8	489.8	477.5	465.2	451.9	439.6	430.1	420.7	411.2	401.7
67.5°	483.2	465.2	447.2	434.9	422.6	409.3	397.0	389.4	381.8	373.3	365.7
70°	435.8	415.9	396.0	385.6	376.1	365.7	355.3	348.7	343.0	336.3	329.7
72.5°	382.8	361.9	342.0	334.5	325.9	318.3	309.8	304.1	297.5	291.8	285.2
75°	322.1	303.2	284.2	278.6	272.9	266.2	260.6	254.9	249.2	242.5	236.9
77.5°	257.7	241.6	225.5	220.8	217.0	212.2	207.5	201.8	196.1	189.5	183.8
80°	193.3	179.1	164.9	162.0	158.2	155.4	151.6	146.9	143.1	138.3	133.6
82.5°	130.7	120.3	109.9	108.0	106.1	103.3	101.4	96.6	92.9	88.1	83.4
85°	73.9	68.2	63.5	61.6	60.6	58.7	56.8	53.1	50.2	46.4	42.6
87.5°	31.3	30.3	30.3	30.3	30.3	29.4	29.4	25.6	22.7	18.9	15.2
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: P1445204

CATALOG NUMBER: TPTN-VA3-750-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: P1445204

CATALOG NUMBER: TPTN-VA3-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	415.9	415.9
2.5°	420.7	420.7
5°	424.5	424.5
7.5°	416.9	416.9
10°	405.5	406.5
12.5°	405.5	405.5
15°	415.9	415.9
17.5°	422.6	422.6
20°	422.6	422.6
22.5°	425.4	424.5
25°	435.8	435.8
27.5°	447.2	446.3
30°	448.1	447.2
32.5°	450.0	448.1
35°	457.6	454.8
37.5°	464.3	461.4
40°	469.9	466.1
42.5°	475.6	471.8
45°	484.2	480.4
47.5°	490.8	487.0
50°	492.7	487.9
52.5°	490.8	486.0
55°	483.2	478.5
57.5°	472.8	468.0
60°	458.6	453.8
62.5°	431.1	424.5
65°	395.1	388.5
67.5°	360.0	354.3
70°	324.0	317.4
72.5°	279.5	272.9
75°	231.2	224.5
77.5°	178.1	172.4
80°	128.9	124.1
82.5°	77.7	72.0
85°	37.9	32.2
87.5°	11.4	6.6
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: P1445204

CATALOG NUMBER: TPTN-VA3-750-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: SP1-2411-284-3

Test Date: 11/21/2024

Luminaire Tested: TTN-D0-750-U-WQ

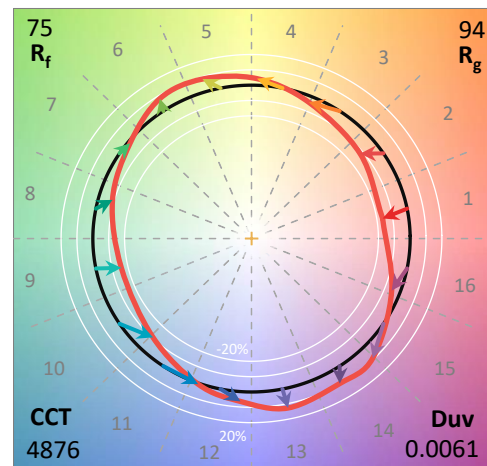
Data in this report applies to families of products including TTN-D0-750-U-WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2411-284-3
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 11/21/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: MCGRAW EDISON
 Catalog Number: **TTN-D0-750-U-WQ**
 Description: TOPTIER NANO LED PARKING GARAGE LUMINAIRE. 5000K, 70 CRI LEDS AND WIDE DISTRIBUTION

Spectral Parameters

CCT (K):	4876	CRI (Ra):	72.6		
CIE u':	0.2086	R1:	69.5	R9:	-24.6
CIE v':	0.4932	R2:	77.0	R10:	44.8
Duv:	0.0061	R3:	82.2	R11:	68.2
CIE x:	0.3502	R4:	72.6	R12:	36.1
CIE y:	0.3680	R5:	69.3	R13:	70.5
CIE z:	0.2818	R6:	67.6	R14:	89.9
Peak Wavelength (nm):	451	R7:	83.7	R15:	63.1
Dominant Wavelength (nm):	569	R8:	58.6		
Purity:	15.51324				
Rf:	74.6				
Rg:	94.4				



Test Conditions

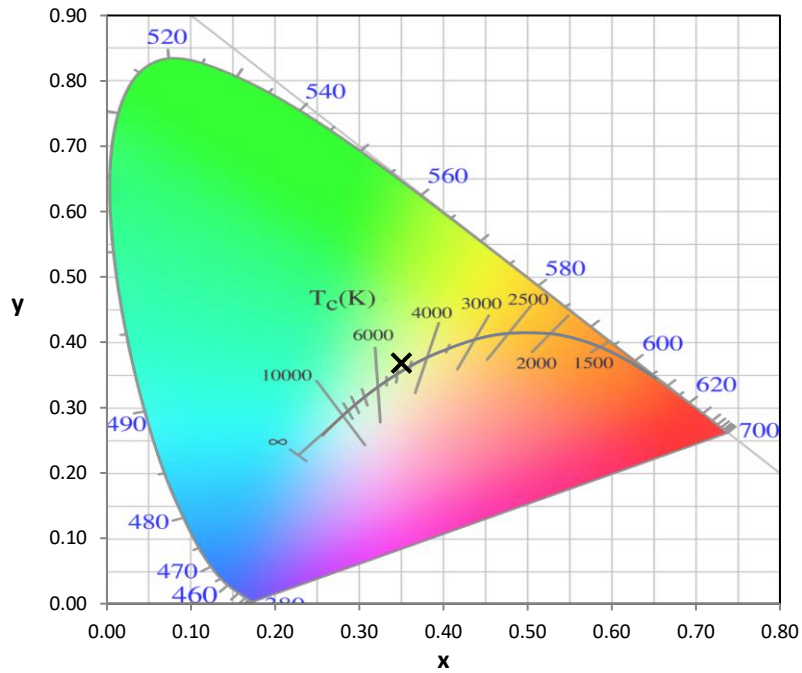
Stabilization Time: 51M
 Operation Time: 1H 51M
 Sphere Temperature (°C): 24.9

REPORT NUMBER: SP1-2411-284-3

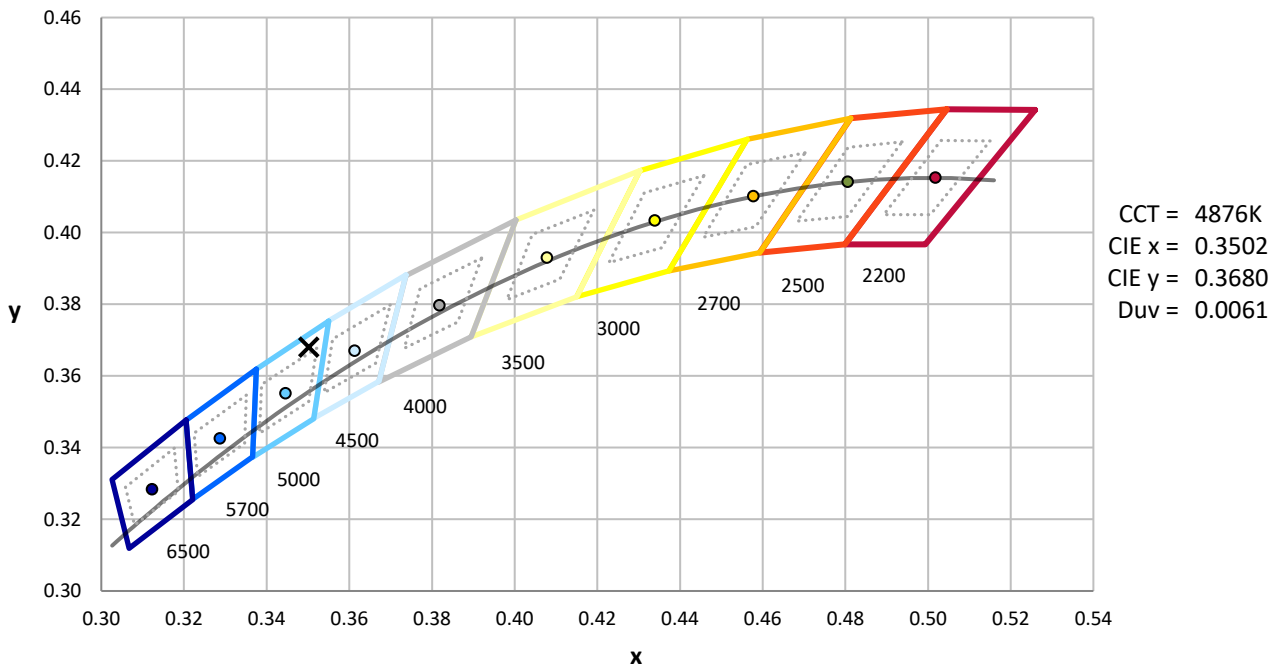
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



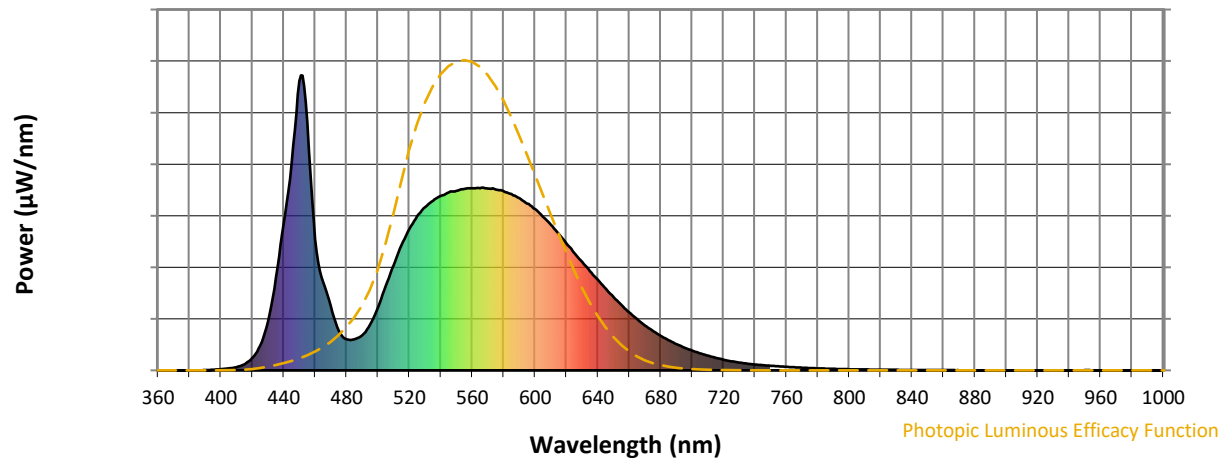
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2411-284-3

Photopic Flux vs. Wavelength

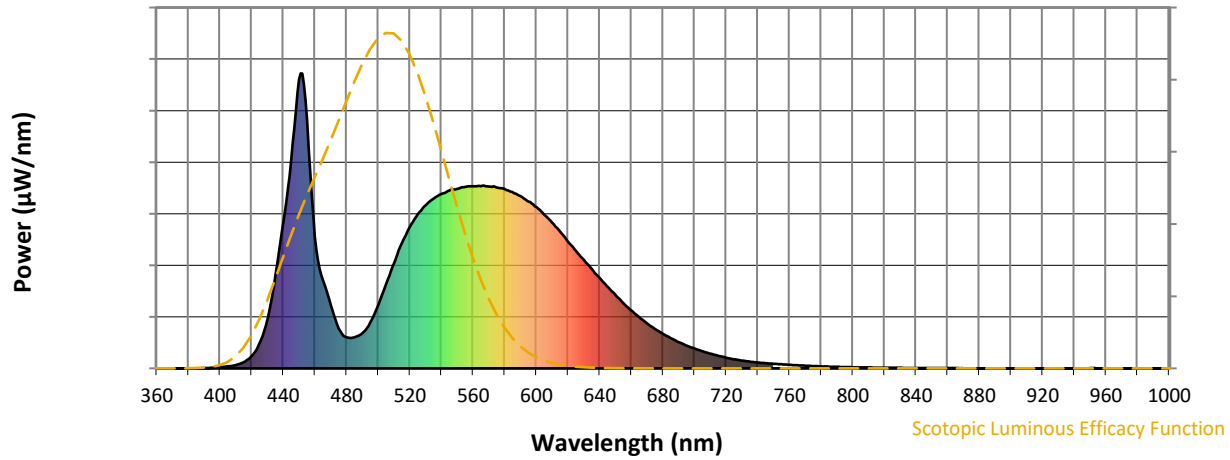


Photopic Lumens: NR

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	430	NR	750	16	NR	880	0	NR
365	0	NR	495	156	NR	625	398	NR	755	14	NR	885	0	NR
370	0	NR	500	214	NR	630	368	NR	760	12	NR	890	0	NR
375	0	NR	505	286	NR	635	336	NR	765	11	NR	895	0	NR
380	0	NR	510	357	NR	640	306	NR	770	9	NR	900	0	NR
385	0	NR	515	425	NR	645	276	NR	775	8	NR	905	0	NR
390	1	NR	520	480	NR	650	248	NR	780	7	NR	910	0	NR
395	2	NR	525	523	NR	655	221	NR	785	6	NR	915	0	NR
400	4	NR	530	554	NR	660	196	NR	790	5	NR	920	0	NR
405	7	NR	535	575	NR	665	173	NR	795	4	NR	925	0	NR
410	11	NR	540	592	NR	670	152	NR	800	4	NR	930	0	NR
415	21	NR	545	603	NR	675	133	NR	805	3	NR	935	0	NR
420	42	NR	550	609	NR	680	117	NR	810	3	NR	940	0	NR
425	85	NR	555	615	NR	685	102	NR	815	3	NR	945	0	NR
430	165	NR	560	617	NR	690	89	NR	820	2	NR	950	1	NR
435	316	NR	565	617	NR	695	77	NR	825	2	NR	955	0	NR
440	497	NR	570	616	NR	700	67	NR	830	2	NR	960	0	NR
445	702	NR	575	613	NR	705	58	NR	835	2	NR	965	0	NR
450	981	NR	580	607	NR	710	50	NR	840	1	NR	970	0	NR
455	840	NR	585	598	NR	715	43	NR	845	1	NR	975	0	NR
460	446	NR	590	583	NR	720	36	NR	850	1	NR	980	0	NR
465	300	NR	595	566	NR	725	31	NR	855	1	NR	985	0	NR
470	215	NR	600	546	NR	730	26	NR	860	1	NR	990	0	NR
475	135	NR	605	521	NR	735	23	NR	865	1	NR	995	0	NR
480	105	NR	610	494	NR	740	20	NR	870	1	NR	1000	0	NR
485	106	NR	615	463	NR	745	18	NR	875	0	NR			

REPORT NUMBER: SP1-2411-284-3

Scotopic Flux vs. Wavelength



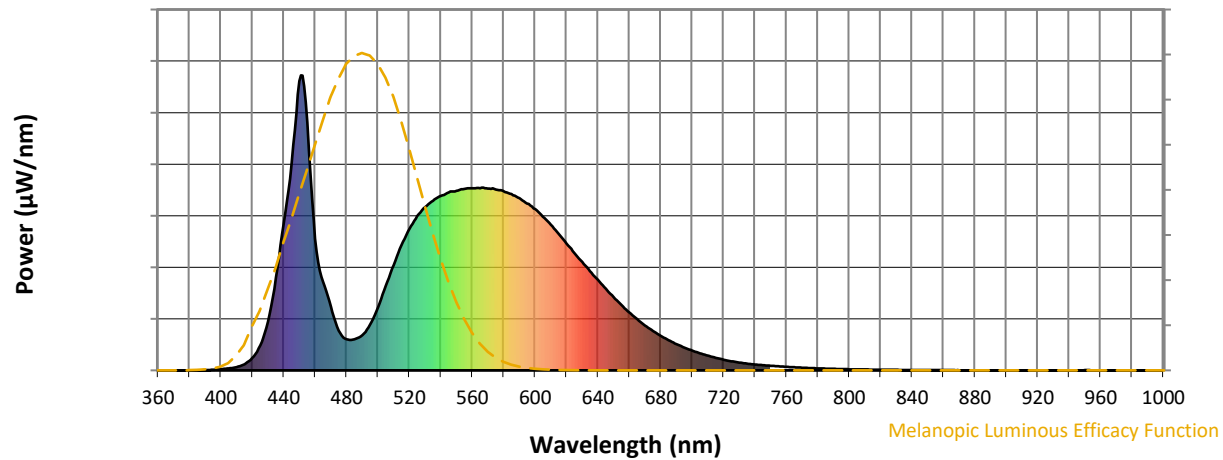
Scotopic Lumens: NR

S/P: 1.74

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	430	NR	750	16	NR	880	0	NR
365	0	NR	495	156	NR	625	398	NR	755	14	NR	885	0	NR
370	0	NR	500	214	NR	630	368	NR	760	12	NR	890	0	NR
375	0	NR	505	286	NR	635	336	NR	765	11	NR	895	0	NR
380	0	NR	510	357	NR	640	306	NR	770	9	NR	900	0	NR
385	0	NR	515	425	NR	645	276	NR	775	8	NR	905	0	NR
390	1	NR	520	480	NR	650	248	NR	780	7	NR	910	0	NR
395	2	NR	525	523	NR	655	221	NR	785	6	NR	915	0	NR
400	4	NR	530	554	NR	660	196	NR	790	5	NR	920	0	NR
405	7	NR	535	575	NR	665	173	NR	795	4	NR	925	0	NR
410	11	NR	540	592	NR	670	152	NR	800	4	NR	930	0	NR
415	21	NR	545	603	NR	675	133	NR	805	3	NR	935	0	NR
420	42	NR	550	609	NR	680	117	NR	810	3	NR	940	0	NR
425	85	NR	555	615	NR	685	102	NR	815	3	NR	945	0	NR
430	165	NR	560	617	NR	690	89	NR	820	2	NR	950	1	NR
435	316	NR	565	617	NR	695	77	NR	825	2	NR	955	0	NR
440	497	NR	570	616	NR	700	67	NR	830	2	NR	960	0	NR
445	702	NR	575	613	NR	705	58	NR	835	2	NR	965	0	NR
450	981	NR	580	607	NR	710	50	NR	840	1	NR	970	0	NR
455	840	NR	585	598	NR	715	43	NR	845	1	NR	975	0	NR
460	446	NR	590	583	NR	720	36	NR	850	1	NR	980	0	NR
465	300	NR	595	566	NR	725	31	NR	855	1	NR	985	0	NR
470	215	NR	600	546	NR	730	26	NR	860	1	NR	990	0	NR
475	135	NR	605	521	NR	735	23	NR	865	1	NR	995	0	NR
480	105	NR	610	494	NR	740	20	NR	870	1	NR	1000	0	NR
485	106	NR	615	463	NR	745	18	NR	875	0	NR			

REPORT NUMBER: SP1-2411-284-3

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.51

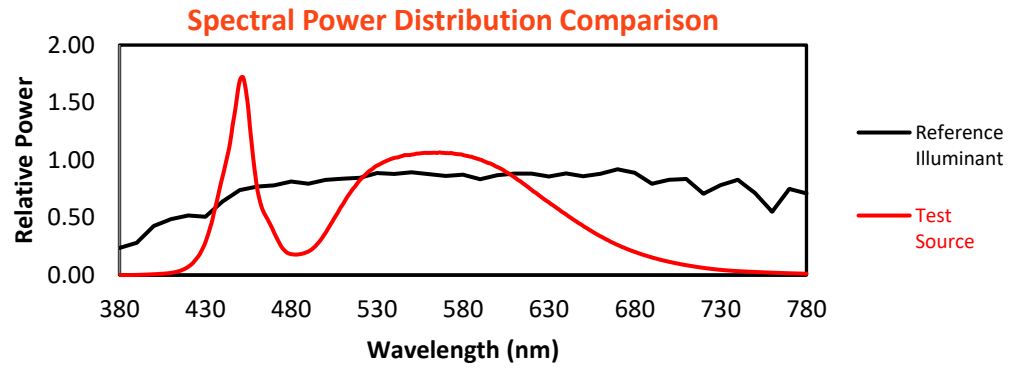
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	430	NR	750	16	NR	880	0	NR
365	0	NR	495	156	NR	625	398	NR	755	14	NR	885	0	NR
370	0	NR	500	214	NR	630	368	NR	760	12	NR	890	0	NR
375	0	NR	505	286	NR	635	336	NR	765	11	NR	895	0	NR
380	0	NR	510	357	NR	640	306	NR	770	9	NR	900	0	NR
385	0	NR	515	425	NR	645	276	NR	775	8	NR	905	0	NR
390	1	NR	520	480	NR	650	248	NR	780	7	NR	910	0	NR
395	2	NR	525	523	NR	655	221	NR	785	6	NR	915	0	NR
400	4	NR	530	554	NR	660	196	NR	790	5	NR	920	0	NR
405	7	NR	535	575	NR	665	173	NR	795	4	NR	925	0	NR
410	11	NR	540	592	NR	670	152	NR	800	4	NR	930	0	NR
415	21	NR	545	603	NR	675	133	NR	805	3	NR	935	0	NR
420	42	NR	550	609	NR	680	117	NR	810	3	NR	940	0	NR
425	85	NR	555	615	NR	685	102	NR	815	3	NR	945	0	NR
430	165	NR	560	617	NR	690	89	NR	820	2	NR	950	1	NR
435	316	NR	565	617	NR	695	77	NR	825	2	NR	955	0	NR
440	497	NR	570	616	NR	700	67	NR	830	2	NR	960	0	NR
445	702	NR	575	613	NR	705	58	NR	835	2	NR	965	0	NR
450	981	NR	580	607	NR	710	50	NR	840	1	NR	970	0	NR
455	840	NR	585	598	NR	715	43	NR	845	1	NR	975	0	NR
460	446	NR	590	583	NR	720	36	NR	850	1	NR	980	0	NR
465	300	NR	595	566	NR	725	31	NR	855	1	NR	985	0	NR
470	215	NR	600	546	NR	730	26	NR	860	1	NR	990	0	NR
475	135	NR	605	521	NR	735	23	NR	865	1	NR	995	0	NR
480	105	NR	610	494	NR	740	20	NR	870	1	NR	1000	0	NR
485	106	NR	615	463	NR	745	18	NR	875	0	NR			

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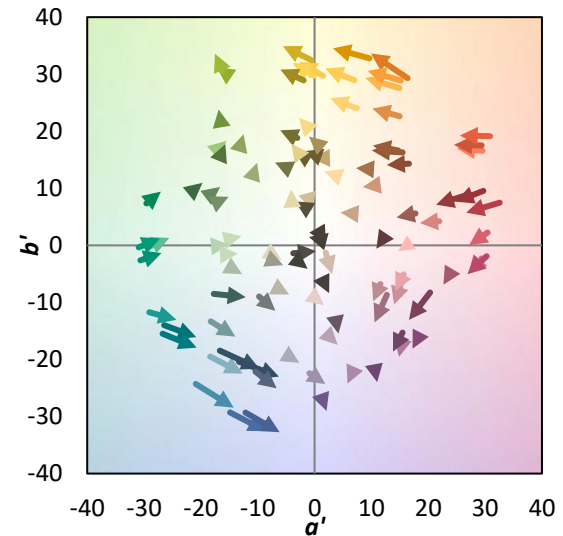
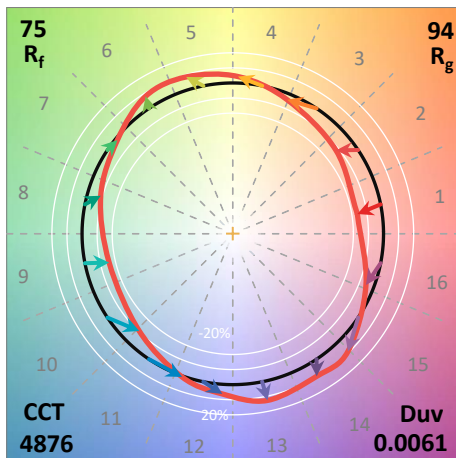
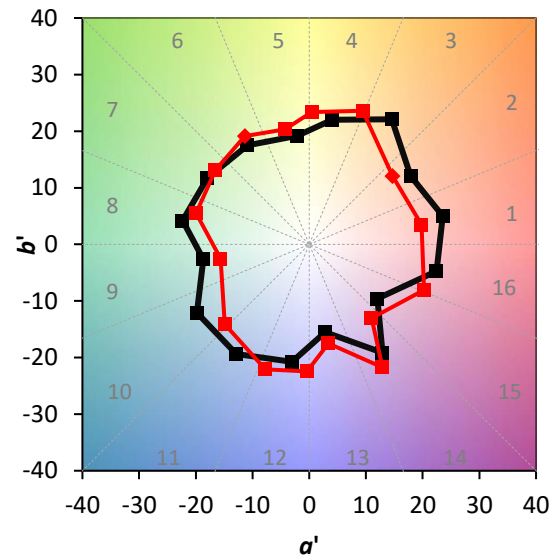
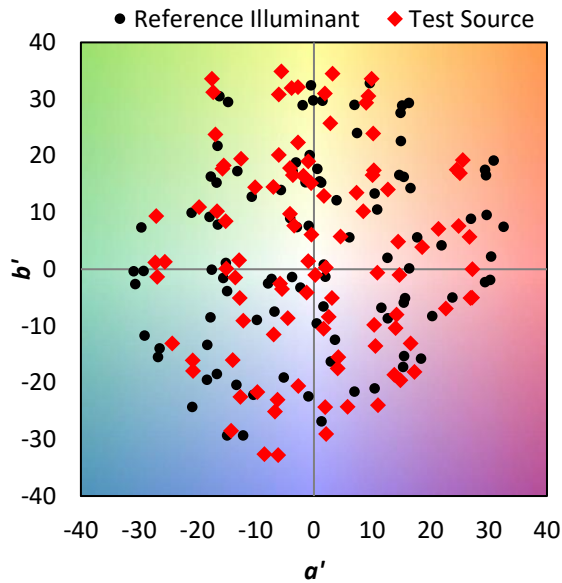
TM-30-18

Summary

$R_f = 74.6$
 $R_g = 94.4$
 $\text{CIE } R_a = 72.6$
 $R_g = -24.6$

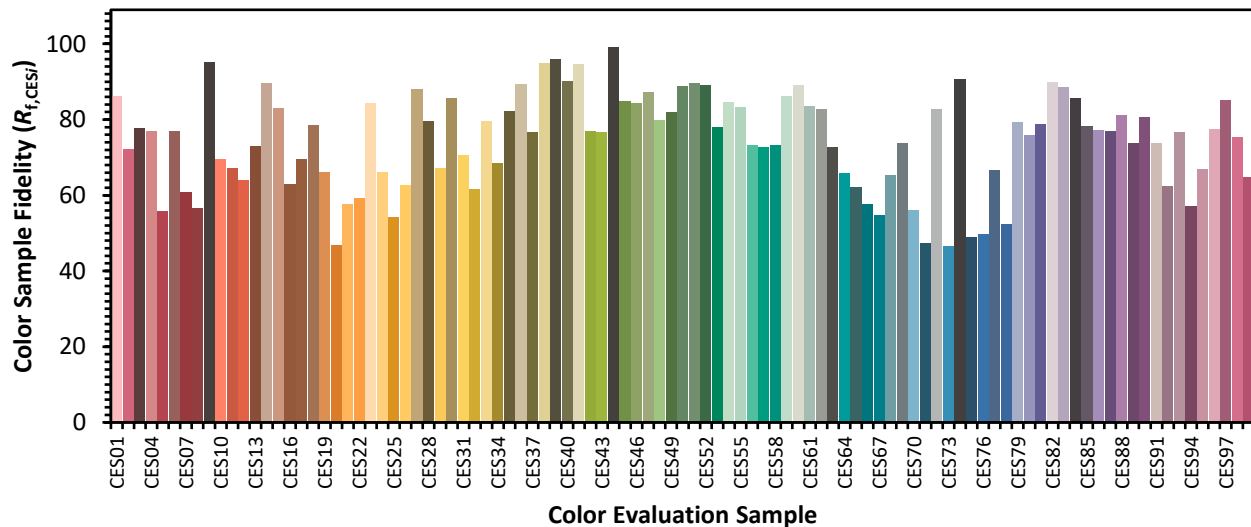


Color Vector Graphics

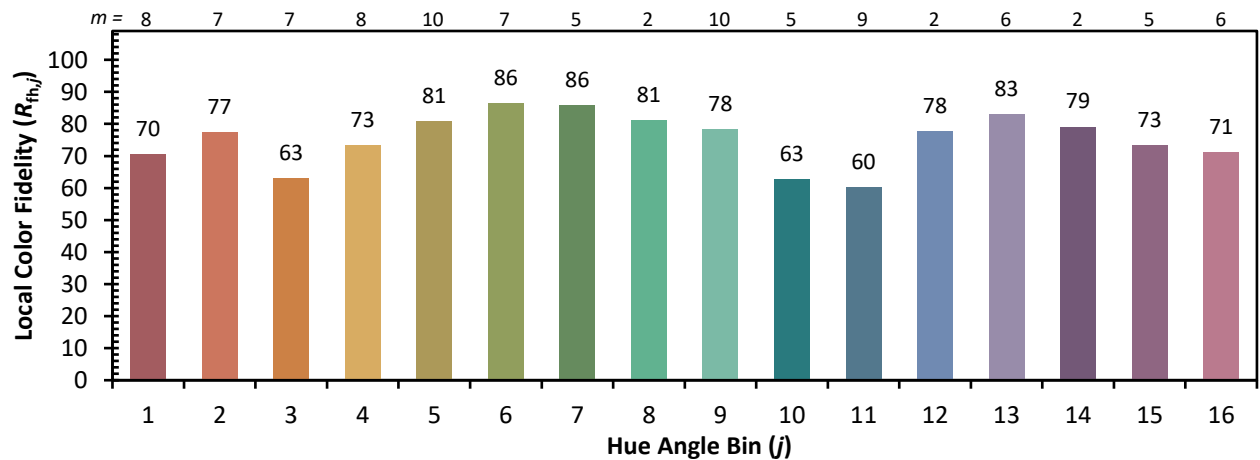
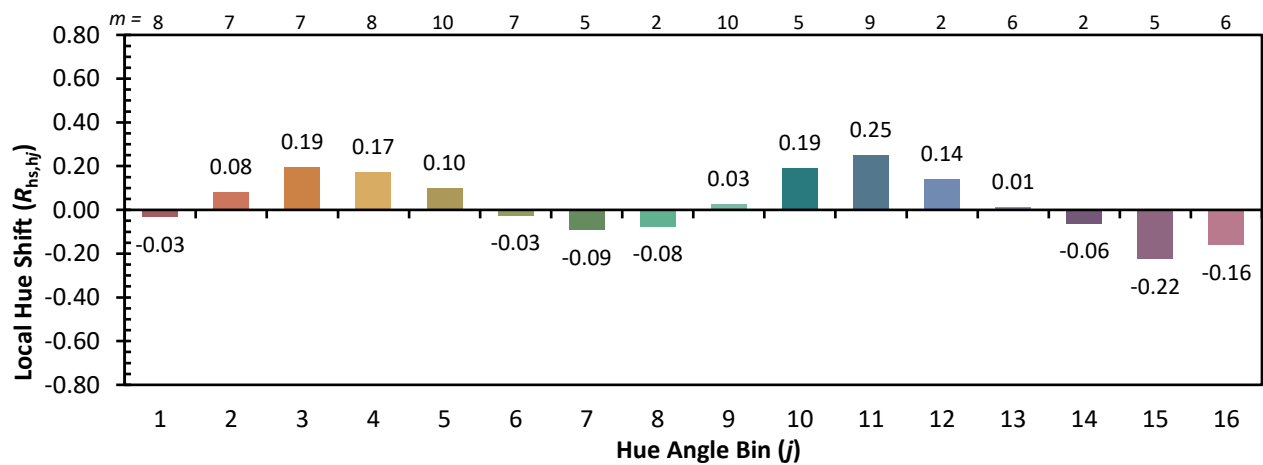
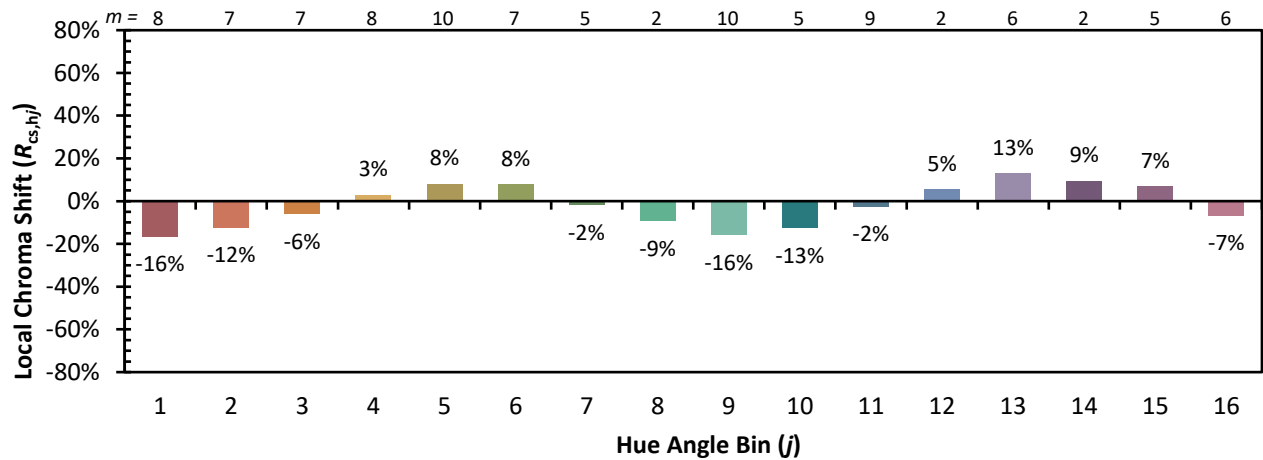


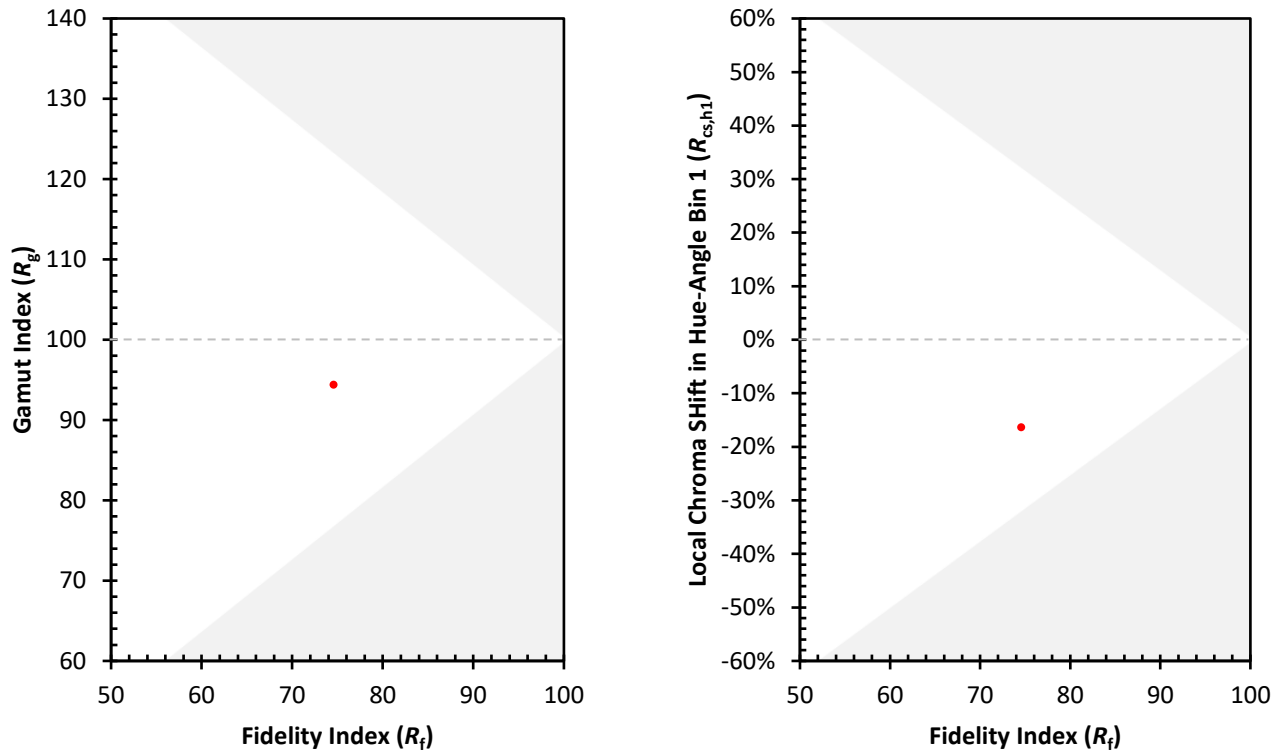
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 63	CES51 = 90	CES76 = 50
CES02 = 59	CES27 = 88	CES52 = 89	CES77 = 67
CES03 = 30	CES28 = 80	CES53 = 78	CES78 = 52
CES04 = 69	CES29 = 67	CES54 = 85	CES79 = 79
CES05 = 46	CES30 = 86	CES55 = 83	CES80 = 76
CES06 = 50	CES31 = 70	CES56 = 73	CES81 = 79
CES07 = 39	CES32 = 62	CES57 = 73	CES82 = 90
CES08 = 38	CES33 = 80	CES58 = 73	CES83 = 89
CES09 = 29	CES34 = 69	CES59 = 86	CES84 = 86
CES10 = 72	CES35 = 82	CES60 = 89	CES85 = 78
CES11 = 55	CES36 = 89	CES61 = 83	CES86 = 77
CES12 = 61	CES37 = 77	CES62 = 83	CES87 = 77
CES13 = 41	CES38 = 95	CES63 = 73	CES88 = 81
CES14 = 74	CES39 = 96	CES64 = 66	CES89 = 74
CES15 = 70	CES40 = 90	CES65 = 62	CES90 = 81
CES16 = 46	CES41 = 95	CES66 = 58	CES91 = 74
CES17 = 49	CES42 = 77	CES67 = 55	CES92 = 62
CES18 = 55	CES43 = 77	CES68 = 65	CES93 = 77
CES19 = 71	CES44 = 99	CES69 = 74	CES94 = 57
CES20 = 64	CES45 = 85	CES70 = 56	CES95 = 67
CES21 = 85	CES46 = 84	CES71 = 47	CES96 = 77
CES22 = 77	CES47 = 87	CES72 = 83	CES97 = 85
CES23 = 91	CES48 = 80	CES73 = 46	CES98 = 75
CES24 = 90	CES49 = 82	CES74 = 91	CES99 = 65
CES25 = 71	CES50 = 89	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)