

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: P1445220

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

Issue Date: 05/21/2026

Test Information

Test Method: LM-79-2024
Report Number: P1445220
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-CG-GM
Description: TOPTIER NANO SPIDER MOUNT VISUAL COMFORT LED LUMINAIRE 60W 70CRI 5000K w/
RECTANGULAR WIDE DISTRIBUTION OPTIC AND GLASS
Light Source: 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5484 lumens
Efficiency: N/A
Efficacy: 91.4 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

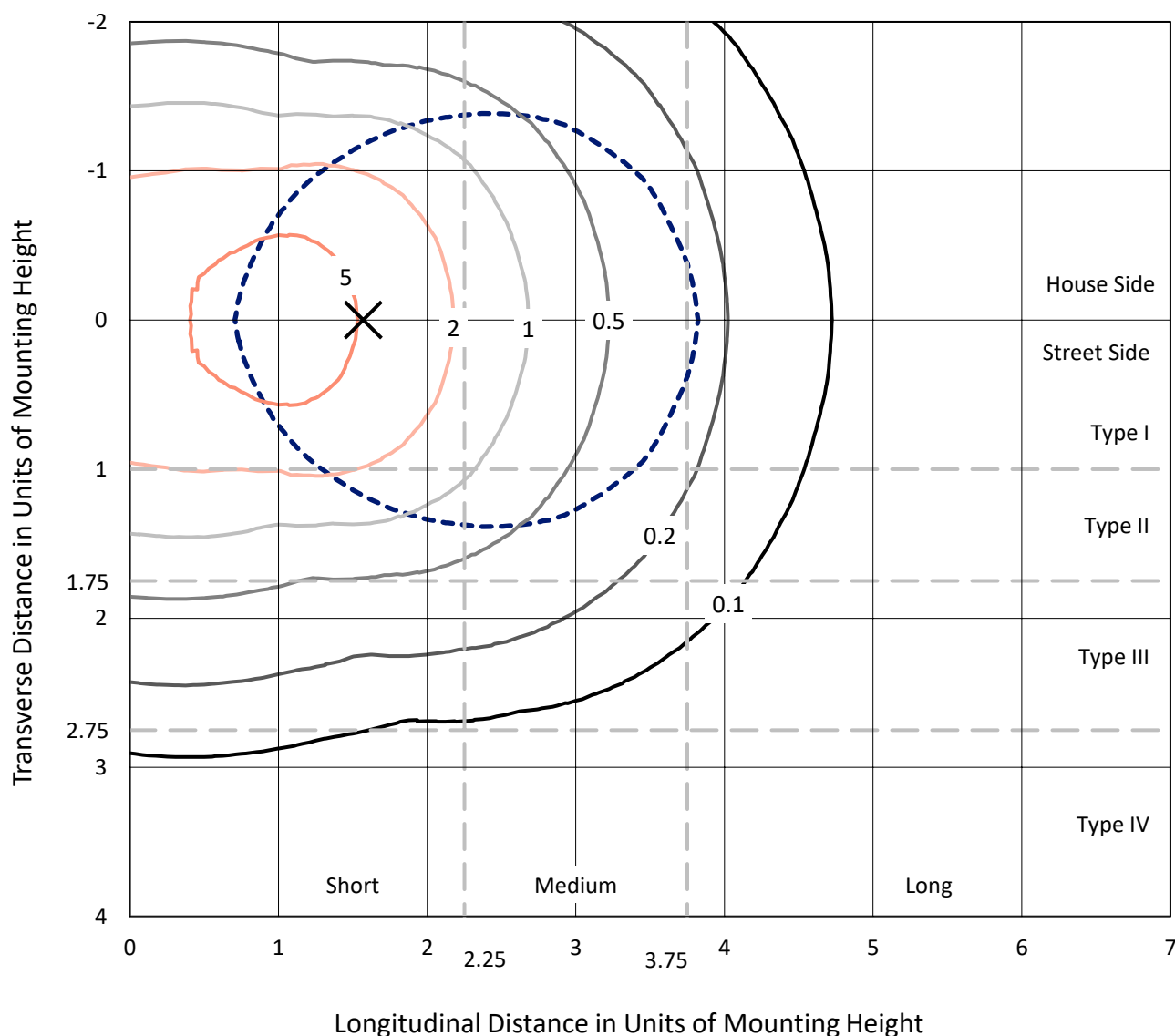
REPORT NUMBER: P1445220

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

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

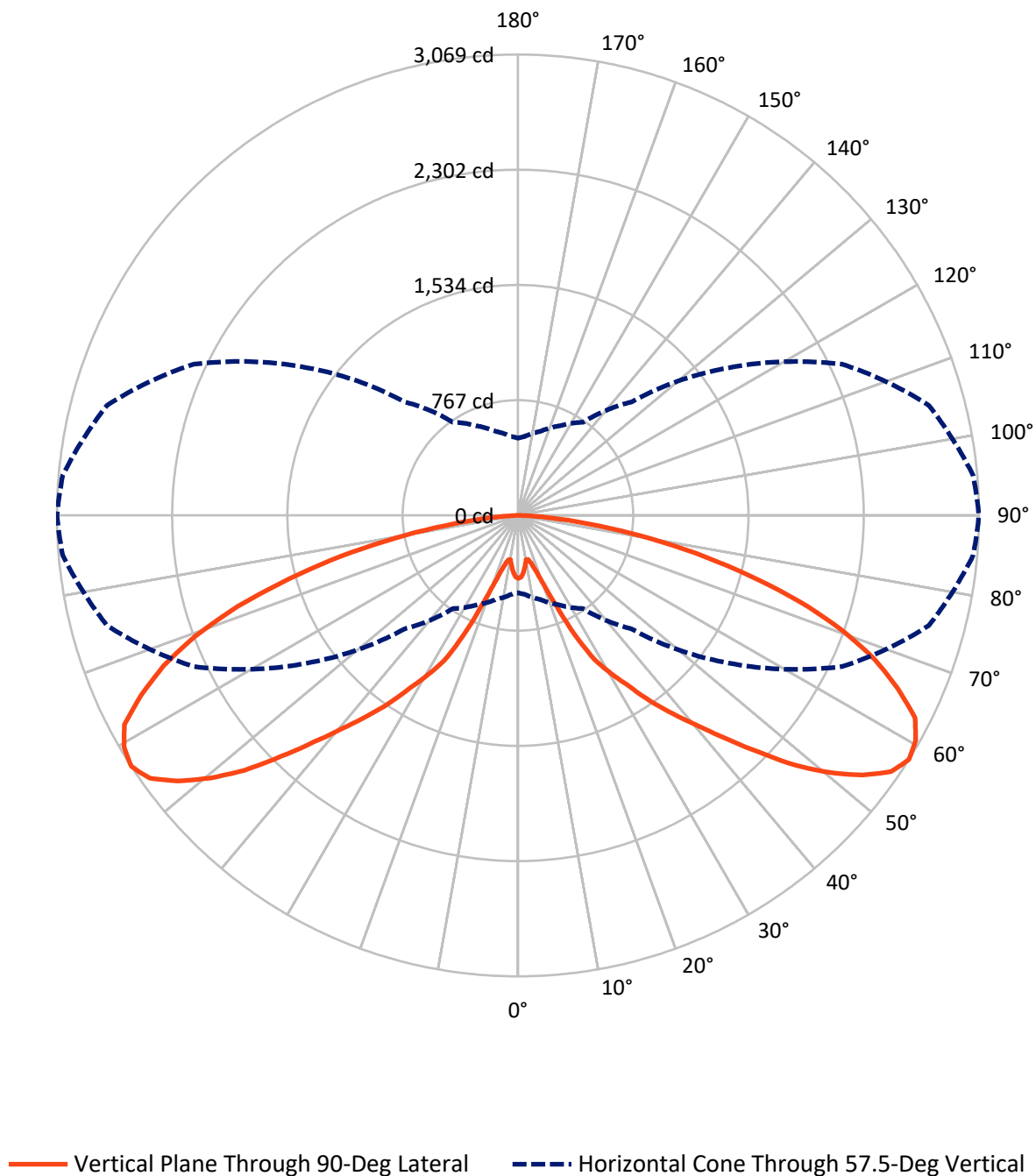


Based on 10 foot mounting height. Maximum calculated value = 8.4 fc
 Type II - Short - N/A

REPORT NUMBER: P1445220

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

Luminous Intensity Polar Plot



REPORT NUMBER: P1445220

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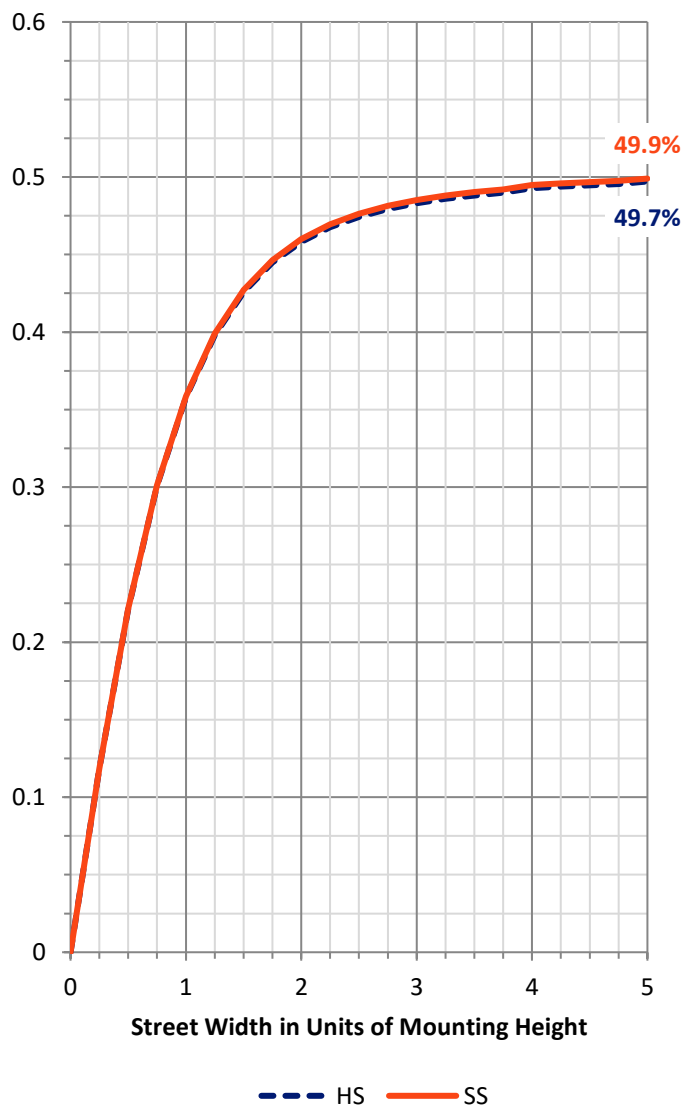
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2741.9	0.0	2741.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2742.0	0.0	2742.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	5484.0	0.0	5484.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.3	0.7
10°-20°	113.8	2.1
20°-30°	278.0	5.1
30°-40°	548.9	10.0
40°-50°	930.7	17.0
50°-60°	1320.4	24.1
60°-70°	1312.9	23.9
70°-80°	787.9	14.4
80°-90°	154.1	2.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5484.0	100.0
0°-180°	5484.0	100.0

Coefficient of Utilization



REPORT NUMBER: P1445220

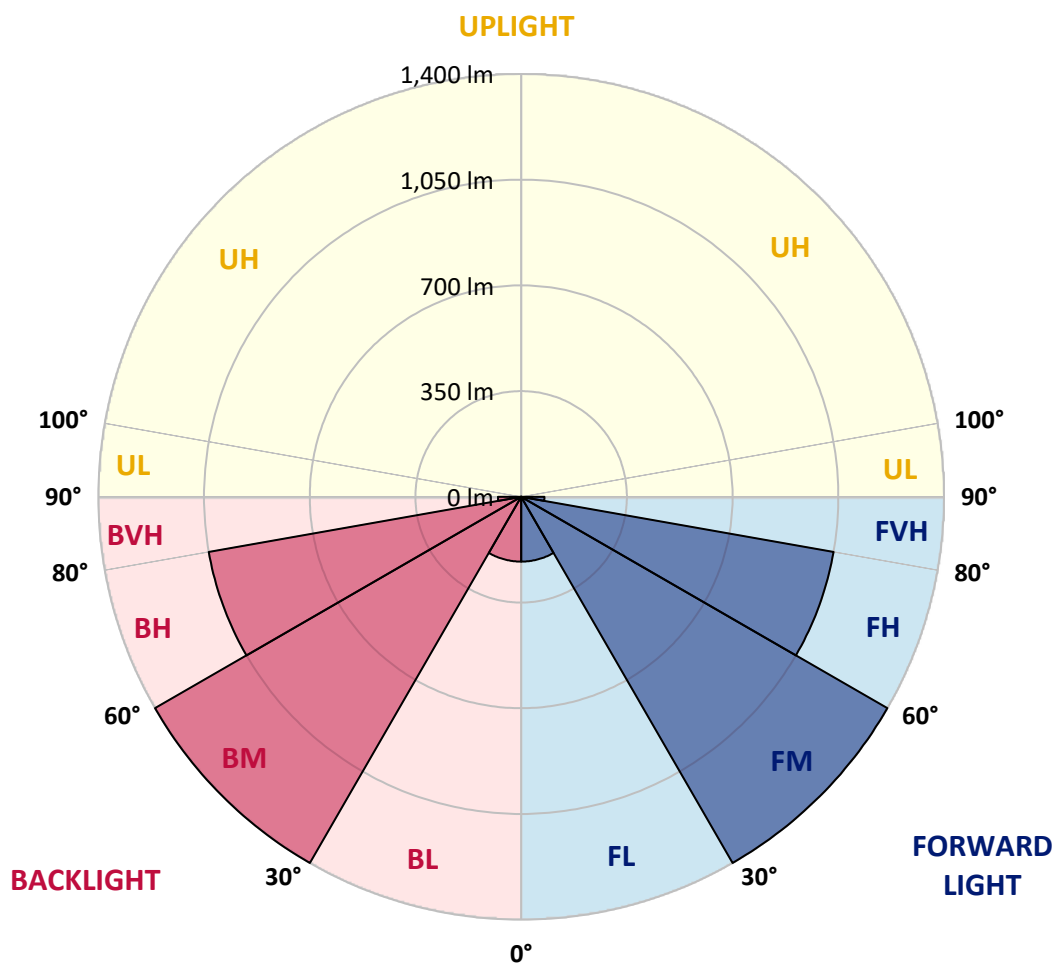
CATALOG NUMBER: TPTN-VA3-750-U-RW-CG-GM

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	214.5	3.9			
FM	(30°-60°)	1400.0	25.5			
FH	(60°-80°)	1050.4	19.2			G1/1800
FVH	(80°-90°)	77.0	1.4			G1/100
BL	(0°-30°)	214.5	3.9	B1/500		
BM	(30°-60°)	1400.0	25.5	B2/2500		
BH	(60°-80°)	1050.4	19.2	B3/2500		G3/2500
BVH	(80°-90°)	77.0	1.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type II Short



REPORT NUMBER: P1445220

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

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2
2.5°	421.3	421.3	421.3	421.3	421.3	420.2	420.2	420.2	420.2	420.2	420.2
5°	422.3	422.3	421.3	421.3	420.2	420.2	419.2	418.2	418.2	417.2	416.1
7.5°	417.2	417.2	417.2	417.2	416.1	416.1	415.1	414.1	413.1	412.0	411.0
10°	414.1	414.1	414.1	414.1	414.1	413.1	413.1	412.0	411.0	409.0	407.9
12.5°	415.1	416.1	416.1	417.2	417.2	418.2	418.2	417.2	417.2	416.1	415.1
15°	423.3	424.3	424.3	425.4	426.4	427.4	428.4	428.4	428.4	427.4	427.4
17.5°	431.5	433.6	434.6	436.6	437.7	439.7	440.7	440.7	440.7	439.7	439.7
20°	441.8	443.8	444.8	447.9	450.0	453.0	455.1	455.1	454.1	454.1	453.0
22.5°	451.0	453.0	455.1	458.2	462.3	465.3	468.4	468.4	469.4	469.4	469.4
25°	461.2	464.3	466.4	470.5	474.6	477.6	481.7	483.8	486.9	488.9	491.0
27.5°	471.5	474.6	477.6	481.7	485.8	489.9	494.0	499.2	503.3	508.4	512.5
30°	480.7	483.8	486.9	492.0	496.1	501.2	505.3	512.5	519.7	526.8	534.0
32.5°	488.9	493.0	497.1	502.2	507.4	512.5	517.6	526.8	537.1	546.3	555.5
35°	498.1	502.2	506.3	512.5	518.6	523.8	529.9	542.2	553.5	565.8	577.1
37.5°	506.3	511.5	515.6	522.7	529.9	536.1	543.2	556.6	570.9	584.2	597.6
40°	515.6	520.7	525.8	534.0	542.2	549.4	557.6	573.0	588.3	603.7	619.1
42.5°	523.8	528.9	534.0	543.2	553.5	562.7	571.9	588.3	604.7	620.1	636.5
45°	533.0	538.1	543.2	553.5	563.7	574.0	584.2	602.7	620.1	638.6	656.0
47.5°	541.2	546.3	551.4	562.7	574.0	585.3	596.5	616.0	635.5	653.9	673.4
50°	542.2	548.4	553.5	565.8	578.1	589.4	601.7	622.2	642.7	662.1	682.6
52.5°	542.2	548.4	553.5	565.8	579.1	591.4	603.7	625.2	645.7	667.3	687.8
55°	534.0	540.2	545.3	558.6	571.9	584.2	597.6	619.1	639.6	661.1	681.6
57.5°	514.5	521.7	527.9	541.2	554.5	566.8	580.1	599.6	619.1	638.6	658.0
60°	487.9	495.1	502.2	514.5	526.8	538.1	550.4	568.9	587.3	604.7	623.2
62.5°	456.1	463.3	469.4	480.7	492.0	503.3	514.5	529.9	546.3	561.7	577.1
65°	411.0	419.2	427.4	437.7	448.9	459.2	469.4	483.8	498.1	512.5	526.8
67.5°	362.8	371.0	378.2	387.4	396.7	404.9	414.1	427.4	440.7	454.1	467.4
70°	313.6	320.8	327.0	334.1	342.3	349.5	356.7	368.0	379.2	389.5	400.8
72.5°	253.2	260.3	267.5	274.7	281.9	289.0	296.2	305.4	313.6	322.9	331.1
75°	197.8	204.0	210.1	216.3	223.4	229.6	235.7	241.9	249.1	255.2	261.4
77.5°	140.4	147.6	153.7	158.9	165.0	170.1	175.3	179.4	183.5	187.6	191.7
80°	89.2	94.3	99.4	104.5	109.7	113.8	118.9	120.9	124.0	126.1	128.1
82.5°	45.1	50.2	55.3	59.4	64.6	68.7	72.8	73.8	75.8	76.9	77.9
85°	14.3	20.5	26.6	29.7	33.8	36.9	40.0	41.0	41.0	42.0	42.0
87.5°	2.0	7.2	12.3	15.4	19.5	22.5	25.6	25.6	25.6	25.6	25.6
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: P1445220

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

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2
2.5°	420.2	419.2	419.2	418.2	418.2	417.2	417.2	416.1	416.1	416.1	415.1
5°	415.1	414.1	412.0	411.0	410.0	409.0	406.9	405.9	403.8	401.8	399.7
7.5°	409.0	406.9	404.9	402.8	399.7	395.6	392.6	388.5	384.4	381.3	377.2
10°	404.9	402.8	399.7	396.7	391.5	386.4	381.3	376.2	370.0	364.9	358.7
12.5°	412.0	409.0	404.9	401.8	396.7	390.5	385.4	379.2	373.1	366.9	360.8
15°	424.3	420.2	417.2	413.1	407.9	402.8	397.7	392.6	388.5	384.4	379.2
17.5°	436.6	434.6	431.5	428.4	425.4	423.3	420.2	417.2	415.1	412.0	410.0
20°	453.0	452.0	452.0	451.0	451.0	451.0	451.0	451.0	450.0	450.0	448.9
22.5°	472.5	474.6	477.6	479.7	482.8	485.8	487.9	491.0	494.0	497.1	499.2
25°	497.1	502.2	508.4	513.5	517.6	522.7	526.8	530.9	539.1	548.4	556.6
27.5°	520.7	529.9	538.1	546.3	552.5	558.6	564.8	570.9	586.3	601.7	617.0
30°	544.3	555.5	565.8	576.0	584.2	592.4	600.6	608.8	633.4	657.0	681.6
32.5°	567.8	579.1	591.4	602.7	615.0	628.3	640.6	652.9	685.7	718.5	750.3
35°	590.4	602.7	616.0	628.3	645.7	664.2	681.6	699.0	739.0	779.0	819.0
37.5°	611.9	627.3	641.6	656.0	678.5	701.1	722.6	745.2	793.3	841.5	888.6
40°	635.5	651.9	667.3	683.7	710.3	735.9	762.6	788.2	849.7	911.2	971.7
42.5°	655.0	673.4	691.9	710.3	742.1	772.8	804.6	835.4	912.2	990.1	1067.0
45°	676.5	697.0	717.5	738.0	775.9	813.8	850.7	888.6	982.9	1076.2	1170.5
47.5°	696.0	717.5	740.0	761.6	808.7	854.8	902.0	948.1	1058.8	1170.5	1281.2
50°	705.2	728.8	751.3	773.9	829.2	883.5	938.9	993.2	1121.3	1249.4	1377.6
52.5°	712.4	735.9	760.5	784.1	846.6	909.1	971.7	1034.2	1174.6	1314.0	1454.4
55°	707.2	731.8	757.5	782.1	852.8	923.5	994.2	1064.9	1217.7	1369.4	1522.1
57.5°	682.6	708.3	732.9	757.5	835.4	913.2	990.1	1068.0	1230.0	1390.9	1552.8
60°	647.8	673.4	698.0	722.6	804.6	887.6	969.6	1051.6	1213.6	1376.5	1538.5
62.5°	603.7	630.4	656.0	682.6	769.8	855.9	943.0	1029.1	1187.9	1346.8	1505.7
65°	551.4	575.0	599.6	623.2	710.3	798.5	885.6	972.7	1126.4	1279.2	1432.9
67.5°	489.9	512.5	534.0	556.6	640.6	724.7	808.7	892.7	1034.2	1174.6	1316.1
70°	422.3	444.8	466.4	487.9	565.8	643.7	721.6	799.5	922.5	1045.5	1168.5
72.5°	351.6	372.1	391.5	412.0	482.8	552.5	623.2	692.9	797.4	902.0	1006.5
75°	278.8	295.2	312.6	329.0	387.4	445.9	504.3	562.7	649.8	737.0	823.1
77.5°	205.0	218.3	231.6	245.0	290.1	334.1	379.2	423.3	491.0	558.6	626.3
80°	138.4	148.6	158.9	169.1	198.8	228.6	257.3	287.0	332.1	376.2	421.3
82.5°	84.0	90.2	96.3	102.5	120.9	138.4	156.8	174.2	200.9	228.6	255.2
85°	45.1	47.1	50.2	52.3	60.5	67.6	75.8	83.0	94.3	106.6	117.9
87.5°	25.6	25.6	25.6	25.6	25.6	26.6	26.6	26.6	28.7	29.7	31.8
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: P1445220

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

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445220

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

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2
2.5°	415.1	415.1	414.1	414.1	413.1	413.1	413.1	412.0	412.0	412.0	412.0
5°	397.7	395.6	394.6	392.6	390.5	389.5	388.5	387.4	386.4	385.4	384.4
7.5°	373.1	370.0	365.9	362.8	358.7	355.7	353.6	350.5	347.5	345.4	344.4
10°	352.6	347.5	342.3	336.2	331.1	327.0	321.8	317.7	312.6	310.6	307.5
12.5°	354.6	349.5	344.4	338.2	333.1	329.0	324.9	319.8	315.7	312.6	309.5
15°	375.1	371.0	365.9	361.8	356.7	353.6	350.5	346.4	343.4	341.3	339.3
17.5°	406.9	404.9	401.8	399.7	396.7	395.6	393.6	392.6	390.5	390.5	390.5
20°	447.9	450.0	451.0	453.0	454.1	458.2	462.3	466.4	470.5	474.6	479.7
22.5°	502.2	510.4	519.7	527.9	536.1	549.4	562.7	575.0	588.3	601.7	615.0
25°	564.8	585.3	604.7	625.2	644.7	674.4	704.2	733.9	763.6	788.2	812.8
27.5°	632.4	665.2	699.0	731.8	764.6	808.7	853.8	897.9	941.9	973.7	1004.5
30°	705.2	748.2	792.3	835.4	878.4	928.6	978.8	1029.1	1079.3	1111.1	1142.8
32.5°	783.1	834.3	885.6	936.8	988.1	1043.4	1099.8	1155.1	1210.5	1244.3	1279.2
35°	858.9	922.5	986.0	1049.6	1113.1	1177.7	1242.3	1306.8	1371.4	1404.2	1437.0
37.5°	936.8	1016.8	1095.7	1175.6	1254.6	1325.3	1396.0	1466.7	1537.5	1568.2	1599.0
40°	1033.2	1125.4	1218.7	1310.9	1403.2	1478.0	1552.8	1626.6	1701.5	1733.2	1765.0
42.5°	1143.9	1250.5	1356.0	1462.6	1568.2	1650.2	1731.2	1813.2	1894.1	1924.9	1956.7
45°	1263.8	1387.8	1510.8	1634.8	1757.8	1843.9	1929.0	2015.1	2100.2	2131.9	2162.7
47.5°	1391.9	1526.2	1660.5	1794.7	1929.0	2024.3	2119.6	2215.0	2310.3	2351.3	2391.3
50°	1505.7	1654.3	1803.9	1952.6	2101.2	2203.7	2306.2	2407.7	2510.2	2551.2	2592.1
52.5°	1593.8	1760.9	1928.0	2095.0	2262.1	2364.6	2467.1	2569.6	2672.1	2717.2	2763.3
55°	1673.8	1840.8	2007.9	2175.0	2342.1	2452.8	2562.4	2673.1	2782.8	2833.0	2882.2
57.5°	1713.7	1880.8	2047.9	2213.9	2381.0	2493.8	2606.5	2719.2	2832.0	2884.3	2937.6
60°	1700.4	1870.6	2040.7	2210.9	2381.0	2486.6	2593.2	2698.7	2804.3	2857.6	2909.9
62.5°	1664.6	1823.4	1983.3	2142.2	2301.1	2408.7	2517.3	2624.9	2732.6	2783.8	2836.1
65°	1585.6	1735.3	1884.9	2033.5	2183.2	2286.7	2389.2	2492.7	2595.2	2634.2	2673.1
67.5°	1456.5	1599.0	1740.4	1882.9	2024.3	2106.3	2187.3	2269.3	2350.3	2393.3	2436.4
70°	1291.5	1417.5	1544.6	1670.7	1796.8	1869.5	1943.3	2016.1	2088.9	2135.0	2181.1
72.5°	1111.1	1214.6	1318.1	1420.6	1524.1	1593.8	1663.5	1733.2	1802.9	1836.7	1871.6
75°	910.2	992.2	1074.2	1155.1	1237.1	1291.5	1345.8	1399.1	1453.4	1480.1	1505.7
77.5°	693.9	755.4	816.9	877.4	938.9	977.8	1016.8	1054.7	1093.6	1118.2	1142.8
80°	465.3	509.4	553.5	596.5	640.6	672.4	703.1	734.9	765.7	779.0	791.3
82.5°	281.9	306.5	331.1	355.7	380.3	400.8	420.2	440.7	460.2	466.4	473.5
85°	129.1	140.4	151.7	161.9	173.2	183.5	193.7	202.9	213.2	216.3	220.4
87.5°	32.8	33.8	35.9	36.9	37.9	40.0	41.0	43.0	44.1	46.1	47.1
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: P1445220

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

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445220

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

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2
2.5°	411.0	411.0	411.0	411.0	411.0	411.0	411.0	412.0	412.0	412.0	412.0
5°	383.3	382.3	382.3	381.3	382.3	382.3	383.3	384.4	385.4	386.4	387.4
7.5°	342.3	340.3	340.3	340.3	340.3	340.3	342.3	344.4	345.4	347.5	350.5
10°	305.4	302.4	301.3	299.3	301.3	302.4	305.4	307.5	310.6	312.6	317.7
12.5°	306.5	303.4	302.4	301.3	302.4	303.4	306.5	309.5	312.6	315.7	319.8
15°	336.2	334.1	333.1	331.1	333.1	334.1	336.2	339.3	341.3	343.4	346.4
17.5°	389.5	389.5	389.5	389.5	389.5	389.5	389.5	390.5	390.5	390.5	392.6
20°	483.8	487.9	488.9	489.9	488.9	487.9	483.8	479.7	474.6	470.5	466.4
22.5°	628.3	641.6	646.8	651.9	646.8	641.6	628.3	615.0	601.7	588.3	575.0
25°	836.4	861.0	871.2	881.5	871.2	861.0	836.4	812.8	788.2	763.6	733.9
27.5°	1036.2	1067.0	1078.3	1089.5	1078.3	1067.0	1035.2	1004.5	973.7	941.9	897.9
30°	1173.6	1205.4	1213.6	1220.7	1213.6	1205.4	1173.6	1141.8	1111.1	1079.3	1029.1
32.5°	1313.0	1346.8	1349.9	1353.0	1349.9	1346.8	1313.0	1278.1	1244.3	1210.5	1155.1
35°	1468.8	1501.6	1510.8	1520.0	1510.8	1501.6	1468.8	1436.0	1404.2	1371.4	1306.8
37.5°	1629.7	1660.5	1667.6	1674.8	1667.6	1660.5	1629.7	1599.0	1568.2	1537.5	1466.7
40°	1796.8	1828.5	1833.7	1837.8	1833.7	1828.5	1796.8	1765.0	1733.2	1701.5	1626.6
42.5°	1987.4	2018.2	2024.3	2030.5	2024.3	2018.2	1987.4	1955.6	1924.9	1894.1	1813.2
45°	2194.5	2225.2	2236.5	2247.8	2236.5	2225.2	2193.4	2162.7	2131.9	2100.2	2015.1
47.5°	2432.3	2472.2	2479.4	2486.6	2479.4	2472.2	2431.2	2391.3	2351.3	2310.3	2215.0
50°	2632.1	2673.1	2682.3	2691.6	2682.3	2673.1	2632.1	2591.1	2551.2	2510.2	2407.7
52.5°	2808.4	2853.5	2862.7	2872.0	2862.7	2853.5	2808.4	2762.3	2717.2	2672.1	2569.6
55°	2932.4	2981.6	2997.0	3012.4	2997.0	2981.6	2931.4	2882.2	2833.0	2782.8	2673.1
57.5°	2989.8	3042.1	3055.4	3068.8	3055.4	3042.1	2989.8	2936.5	2884.3	2832.0	2719.2
60°	2963.2	3015.5	3028.8	3042.1	3028.8	3015.5	2962.2	2909.9	2857.6	2804.3	2698.7
62.5°	2887.3	2938.6	2952.9	2966.3	2951.9	2938.6	2887.3	2835.1	2783.8	2732.6	2624.9
65°	2711.0	2750.0	2764.3	2777.7	2763.3	2750.0	2711.0	2672.1	2634.2	2595.2	2492.7
67.5°	2478.4	2521.4	2541.9	2561.4	2540.9	2521.4	2478.4	2435.3	2393.3	2350.3	2269.3
70°	2226.2	2272.4	2281.6	2289.8	2281.6	2272.4	2226.2	2180.1	2135.0	2088.9	2016.1
72.5°	1905.4	1939.2	1949.5	1958.7	1949.5	1939.2	1905.4	1870.6	1836.7	1802.9	1733.2
75°	1532.3	1558.0	1569.2	1579.5	1569.2	1558.0	1532.3	1505.7	1480.1	1453.4	1399.1
77.5°	1166.4	1191.0	1198.2	1205.4	1198.2	1191.0	1166.4	1142.8	1118.2	1093.6	1054.7
80°	804.6	816.9	823.1	828.2	823.1	816.9	804.6	791.3	779.0	765.7	734.9
82.5°	479.7	485.8	487.9	488.9	487.9	485.8	479.7	473.5	466.4	460.2	440.7
85°	223.4	226.5	229.6	232.7	229.6	226.5	223.4	220.4	216.3	213.2	202.9
87.5°	49.2	50.2	50.2	50.2	50.2	50.2	49.2	47.1	46.1	44.1	43.0
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: P1445220

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

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445220

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

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2
2.5°	413.1	413.1	413.1	414.1	414.1	415.1	415.1	415.1	416.1	416.1	416.1
5°	388.5	389.5	390.5	392.6	394.6	395.6	397.7	399.7	401.8	403.8	405.9
7.5°	353.6	355.7	358.7	362.8	365.9	370.0	373.1	377.2	381.3	384.4	388.5
10°	321.8	327.0	331.1	336.2	342.3	347.5	352.6	358.7	364.9	370.0	376.2
12.5°	324.9	329.0	333.1	338.2	344.4	349.5	354.6	360.8	366.9	373.1	379.2
15°	350.5	353.6	356.7	361.8	365.9	371.0	375.1	379.2	384.4	388.5	392.6
17.5°	393.6	395.6	396.7	399.7	401.8	404.9	406.9	410.0	412.0	415.1	417.2
20°	462.3	458.2	454.1	453.0	451.0	450.0	447.9	448.9	450.0	450.0	451.0
22.5°	562.7	549.4	536.1	527.9	518.6	510.4	502.2	499.2	497.1	494.0	491.0
25°	704.2	674.4	644.7	624.2	604.7	584.2	564.8	556.6	548.4	539.1	530.9
27.5°	853.8	808.7	764.6	731.8	698.0	665.2	632.4	617.0	601.7	586.3	570.9
30°	978.8	928.6	878.4	835.4	791.3	748.2	705.2	680.6	657.0	633.4	608.8
32.5°	1099.8	1043.4	988.1	936.8	885.6	834.3	783.1	750.3	718.5	685.7	652.9
35°	1242.3	1177.7	1113.1	1049.6	986.0	922.5	858.9	819.0	779.0	739.0	699.0
37.5°	1396.0	1325.3	1254.6	1174.6	1095.7	1015.7	936.8	888.6	841.5	793.3	745.2
40°	1552.8	1478.0	1403.2	1310.9	1217.7	1125.4	1033.2	971.7	911.2	849.7	788.2
42.5°	1731.2	1650.2	1568.2	1461.6	1356.0	1249.4	1143.9	1067.0	990.1	912.2	835.4
45°	1929.0	1843.9	1757.8	1633.8	1510.8	1386.8	1263.8	1169.5	1076.2	982.9	888.6
47.5°	2119.6	2024.3	1929.0	1794.7	1660.5	1526.2	1391.9	1281.2	1170.5	1058.8	948.1
50°	2306.2	2203.7	2101.2	1952.6	1802.9	1654.3	1505.7	1377.6	1249.4	1121.3	993.2
52.5°	2467.1	2364.6	2262.1	2095.0	1928.0	1760.9	1593.8	1453.4	1314.0	1174.6	1034.2
55°	2562.4	2452.8	2342.1	2175.0	2007.9	1840.8	1673.8	1521.1	1369.4	1217.7	1064.9
57.5°	2606.5	2493.8	2381.0	2213.9	2046.9	1880.8	1713.7	1551.8	1390.9	1230.0	1068.0
60°	2593.2	2486.6	2381.0	2210.9	2040.7	1870.6	1700.4	1538.5	1376.5	1213.6	1051.6
62.5°	2517.3	2408.7	2301.1	2142.2	1982.3	1823.4	1664.6	1505.7	1346.8	1187.9	1029.1
65°	2389.2	2286.7	2183.2	2033.5	1883.9	1735.3	1585.6	1431.9	1279.2	1126.4	972.7
67.5°	2187.3	2106.3	2024.3	1881.8	1740.4	1597.9	1456.5	1315.0	1174.6	1034.2	892.7
70°	1943.3	1869.5	1796.8	1670.7	1543.6	1417.5	1291.5	1168.5	1045.5	922.5	799.5
72.5°	1663.5	1593.8	1524.1	1420.6	1317.1	1214.6	1111.1	1006.5	902.0	797.4	692.9
75°	1345.8	1291.5	1237.1	1155.1	1073.1	992.2	910.2	823.1	737.0	649.8	562.7
77.5°	1016.8	977.8	938.9	877.4	815.9	755.4	693.9	626.3	558.6	491.0	423.3
80°	703.1	672.4	640.6	596.5	552.5	509.4	465.3	420.2	376.2	332.1	287.0
82.5°	420.2	400.8	380.3	355.7	331.1	306.5	281.9	255.2	228.6	200.9	174.2
85°	193.7	183.5	173.2	161.9	150.7	140.4	129.1	117.9	106.6	94.3	83.0
87.5°	41.0	40.0	37.9	36.9	35.9	33.8	32.8	31.8	29.7	28.7	26.6
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: P1445220

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

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445220

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

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2
2.5°	417.2	417.2	418.2	418.2	419.2	419.2	420.2	420.2	420.2	420.2	420.2
5°	406.9	409.0	410.0	411.0	412.0	414.1	415.1	416.1	417.2	418.2	418.2
7.5°	392.6	395.6	399.7	402.8	404.9	406.9	409.0	411.0	412.0	413.1	414.1
10°	381.3	386.4	391.5	396.7	399.7	402.8	404.9	407.9	409.0	411.0	412.0
12.5°	385.4	390.5	396.7	401.8	404.9	409.0	412.0	415.1	416.1	417.2	417.2
15°	397.7	402.8	407.9	413.1	417.2	420.2	424.3	427.4	427.4	428.4	428.4
17.5°	420.2	423.3	425.4	428.4	431.5	434.6	436.6	439.7	439.7	440.7	440.7
20°	451.0	451.0	451.0	451.0	452.0	452.0	453.0	453.0	454.1	454.1	455.1
22.5°	487.9	485.8	482.8	479.7	477.6	474.6	472.5	469.4	469.4	469.4	468.4
25°	526.8	522.7	517.6	513.5	508.4	502.2	497.1	491.0	488.9	486.9	483.8
27.5°	564.8	558.6	552.5	546.3	538.1	529.9	520.7	512.5	508.4	503.3	499.2
30°	600.6	592.4	584.2	576.0	565.8	555.5	544.3	534.0	526.8	519.7	512.5
32.5°	640.6	628.3	615.0	602.7	591.4	579.1	567.8	555.5	546.3	537.1	526.8
35°	681.6	664.2	645.7	628.3	616.0	602.7	590.4	577.1	565.8	553.5	542.2
37.5°	722.6	701.1	678.5	656.0	641.6	627.3	611.9	597.6	584.2	570.9	556.6
40°	762.6	735.9	710.3	683.7	667.3	651.9	635.5	619.1	603.7	588.3	573.0
42.5°	804.6	772.8	742.1	710.3	691.9	673.4	655.0	636.5	620.1	604.7	588.3
45°	850.7	813.8	775.9	738.0	717.5	697.0	676.5	656.0	638.6	620.1	602.7
47.5°	902.0	854.8	808.7	761.6	740.0	717.5	696.0	673.4	653.9	635.5	616.0
50°	938.9	883.5	829.2	773.9	751.3	728.8	705.2	682.6	662.1	642.7	622.2
52.5°	971.7	909.1	846.6	784.1	760.5	735.9	712.4	687.8	667.3	645.7	625.2
55°	994.2	923.5	852.8	782.1	757.5	731.8	707.2	681.6	661.1	639.6	619.1
57.5°	990.1	913.2	835.4	757.5	732.9	708.3	682.6	658.0	638.6	619.1	599.6
60°	969.6	887.6	804.6	722.6	698.0	673.4	647.8	623.2	604.7	587.3	568.9
62.5°	943.0	855.9	769.8	682.6	656.0	630.4	603.7	577.1	561.7	546.3	529.9
65°	885.6	798.5	710.3	623.2	599.6	575.0	551.4	526.8	512.5	498.1	483.8
67.5°	808.7	724.7	640.6	556.6	534.0	512.5	489.9	467.4	454.1	440.7	427.4
70°	721.6	643.7	565.8	487.9	466.4	444.8	422.3	400.8	389.5	379.2	368.0
72.5°	623.2	552.5	482.8	412.0	391.5	372.1	351.6	331.1	322.9	313.6	305.4
75°	504.3	445.9	387.4	329.0	312.6	295.2	278.8	261.4	255.2	249.1	241.9
77.5°	379.2	334.1	290.1	245.0	231.6	218.3	205.0	191.7	187.6	183.5	179.4
80°	257.3	228.6	198.8	169.1	158.9	148.6	138.4	128.1	126.1	124.0	120.9
82.5°	156.8	138.4	120.9	102.5	96.3	90.2	84.0	77.9	76.9	75.8	73.8
85°	75.8	67.6	60.5	52.3	50.2	47.1	45.1	42.0	42.0	41.0	41.0
87.5°	26.6	26.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
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: P1445220

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

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P1445220

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

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2
2.5°	420.2	420.2	421.3	421.3	421.3	421.3	421.3	421.3	421.3	421.3	421.3
5°	419.2	420.2	420.2	421.3	421.3	422.3	422.3	422.3	421.3	421.3	420.2
7.5°	415.1	416.1	416.1	417.2	417.2	417.2	417.2	417.2	417.2	417.2	416.1
10°	413.1	413.1	414.1	414.1	414.1	414.1	414.1	414.1	414.1	414.1	414.1
12.5°	418.2	418.2	417.2	417.2	416.1	416.1	415.1	416.1	416.1	417.2	417.2
15°	428.4	427.4	426.4	425.4	424.3	424.3	423.3	424.3	424.3	425.4	426.4
17.5°	440.7	439.7	437.7	436.6	434.6	433.6	431.5	433.6	434.6	436.6	437.7
20°	455.1	453.0	450.0	447.9	444.8	443.8	441.8	443.8	444.8	447.9	450.0
22.5°	468.4	465.3	462.3	458.2	455.1	453.0	451.0	453.0	455.1	458.2	462.3
25°	481.7	477.6	474.6	470.5	466.4	464.3	461.2	464.3	466.4	470.5	474.6
27.5°	494.0	489.9	485.8	481.7	477.6	474.6	471.5	474.6	477.6	481.7	485.8
30°	505.3	501.2	496.1	491.0	486.9	483.8	480.7	483.8	486.9	492.0	496.1
32.5°	517.6	512.5	507.4	502.2	497.1	493.0	488.9	493.0	497.1	502.2	507.4
35°	529.9	523.8	518.6	512.5	506.3	502.2	498.1	502.2	506.3	512.5	518.6
37.5°	543.2	536.1	529.9	522.7	515.6	510.4	506.3	511.5	515.6	522.7	529.9
40°	557.6	549.4	542.2	534.0	525.8	520.7	515.6	520.7	525.8	534.0	542.2
42.5°	571.9	562.7	553.5	543.2	534.0	528.9	523.8	528.9	534.0	543.2	553.5
45°	584.2	574.0	563.7	553.5	543.2	538.1	533.0	538.1	543.2	553.5	563.7
47.5°	596.5	585.3	574.0	562.7	551.4	546.3	541.2	546.3	551.4	562.7	574.0
50°	601.7	589.4	578.1	565.8	553.5	547.3	542.2	548.4	553.5	565.8	578.1
52.5°	603.7	591.4	579.1	565.8	553.5	547.3	542.2	548.4	553.5	565.8	579.1
55°	597.6	584.2	571.9	558.6	545.3	539.1	534.0	540.2	545.3	558.6	571.9
57.5°	580.1	566.8	554.5	541.2	527.9	520.7	514.5	521.7	527.9	541.2	554.5
60°	550.4	538.1	526.8	514.5	502.2	495.1	487.9	495.1	502.2	514.5	526.8
62.5°	514.5	503.3	492.0	480.7	469.4	462.3	456.1	463.3	469.4	480.7	492.0
65°	469.4	459.2	448.9	437.7	427.4	419.2	411.0	419.2	427.4	437.7	448.9
67.5°	414.1	404.9	396.7	387.4	378.2	370.0	362.8	371.0	378.2	387.4	396.7
70°	356.7	349.5	342.3	334.1	327.0	319.8	313.6	320.8	327.0	334.1	342.3
72.5°	296.2	289.0	281.9	274.7	267.5	260.3	253.2	260.3	267.5	274.7	281.9
75°	235.7	229.6	223.4	216.3	210.1	204.0	197.8	204.0	210.1	216.3	223.4
77.5°	175.3	170.1	165.0	158.9	153.7	146.6	140.4	147.6	153.7	158.9	165.0
80°	118.9	113.8	109.7	104.5	99.4	94.3	89.2	94.3	99.4	104.5	109.7
82.5°	72.8	68.7	64.6	59.4	55.3	50.2	45.1	50.2	55.3	59.4	64.6
85°	40.0	36.9	33.8	29.7	26.6	20.5	14.3	20.5	26.6	29.7	33.8
87.5°	25.6	22.5	19.5	15.4	12.3	7.2	2.0	7.2	12.3	15.4	19.5
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: P1445220

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

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445220

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

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2
2.5°	420.2	420.2	420.2	420.2	420.2	420.2	420.2	419.2	419.2	418.2	418.2
5°	420.2	419.2	418.2	418.2	417.2	416.1	415.1	414.1	412.0	411.0	410.0
7.5°	416.1	415.1	414.1	413.1	412.0	411.0	409.0	406.9	404.9	402.8	399.7
10°	413.1	413.1	412.0	411.0	409.0	407.9	404.9	402.8	399.7	396.7	391.5
12.5°	418.2	418.2	417.2	417.2	416.1	415.1	412.0	409.0	404.9	401.8	396.7
15°	427.4	428.4	428.4	428.4	427.4	427.4	424.3	420.2	417.2	413.1	407.9
17.5°	439.7	440.7	440.7	440.7	439.7	439.7	436.6	434.6	431.5	428.4	425.4
20°	453.0	455.1	455.1	454.1	454.1	453.0	453.0	452.0	452.0	451.0	451.0
22.5°	465.3	468.4	468.4	469.4	469.4	469.4	472.5	474.6	477.6	479.7	482.8
25°	477.6	481.7	483.8	486.9	488.9	491.0	497.1	502.2	508.4	513.5	517.6
27.5°	489.9	494.0	499.2	503.3	508.4	512.5	520.7	529.9	538.1	546.3	552.5
30°	501.2	505.3	512.5	519.7	526.8	534.0	544.3	555.5	565.8	576.0	584.2
32.5°	512.5	517.6	526.8	537.1	546.3	555.5	567.8	579.1	591.4	602.7	615.0
35°	523.8	529.9	542.2	553.5	565.8	577.1	590.4	602.7	616.0	628.3	645.7
37.5°	536.1	543.2	556.6	570.9	584.2	597.6	611.9	627.3	641.6	656.0	678.5
40°	549.4	557.6	573.0	588.3	603.7	619.1	635.5	651.9	667.3	683.7	710.3
42.5°	562.7	571.9	588.3	604.7	620.1	636.5	655.0	673.4	691.9	710.3	742.1
45°	574.0	584.2	602.7	620.1	638.6	656.0	676.5	697.0	717.5	738.0	775.9
47.5°	585.3	596.5	616.0	635.5	653.9	673.4	696.0	717.5	740.0	761.6	808.7
50°	589.4	601.7	622.2	642.7	662.1	682.6	705.2	728.8	751.3	773.9	829.2
52.5°	591.4	603.7	625.2	645.7	667.3	687.8	712.4	735.9	760.5	784.1	846.6
55°	584.2	597.6	619.1	639.6	661.1	681.6	707.2	731.8	757.5	782.1	852.8
57.5°	566.8	580.1	599.6	619.1	638.6	658.0	682.6	708.3	732.9	757.5	835.4
60°	538.1	550.4	568.9	587.3	604.7	623.2	647.8	673.4	698.0	722.6	804.6
62.5°	503.3	514.5	529.9	546.3	561.7	577.1	603.7	630.4	656.0	682.6	769.8
65°	459.2	469.4	483.8	498.1	512.5	526.8	551.4	575.0	599.6	623.2	710.3
67.5°	404.9	414.1	427.4	440.7	454.1	467.4	489.9	512.5	534.0	556.6	640.6
70°	349.5	356.7	368.0	379.2	389.5	400.8	422.3	444.8	466.4	487.9	565.8
72.5°	289.0	296.2	305.4	313.6	322.9	331.1	351.6	372.1	391.5	412.0	482.8
75°	229.6	235.7	241.9	249.1	255.2	261.4	278.8	295.2	312.6	329.0	387.4
77.5°	170.1	175.3	179.4	183.5	187.6	191.7	205.0	218.3	231.6	245.0	290.1
80°	113.8	118.9	120.9	124.0	126.1	128.1	138.4	148.6	158.9	169.1	198.8
82.5°	68.7	72.8	73.8	75.8	76.9	77.9	84.0	90.2	96.3	102.5	120.9
85°	36.9	40.0	41.0	41.0	42.0	42.0	45.1	47.1	50.2	52.3	60.5
87.5°	22.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
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: P1445220

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

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445220

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

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2
2.5°	417.2	417.2	416.1	416.1	416.1	415.1	415.1	415.1	414.1	414.1	413.1
5°	409.0	406.9	405.9	403.8	401.8	399.7	397.7	395.6	394.6	392.6	390.5
7.5°	395.6	392.6	388.5	384.4	381.3	377.2	373.1	370.0	365.9	362.8	358.7
10°	386.4	381.3	376.2	370.0	364.9	358.7	352.6	347.5	342.3	336.2	331.1
12.5°	390.5	385.4	379.2	373.1	366.9	360.8	354.6	349.5	344.4	338.2	333.1
15°	402.8	397.7	392.6	388.5	384.4	379.2	375.1	371.0	365.9	361.8	356.7
17.5°	423.3	420.2	417.2	415.1	412.0	410.0	406.9	404.9	401.8	399.7	396.7
20°	451.0	451.0	451.0	450.0	450.0	448.9	447.9	450.0	451.0	453.0	454.1
22.5°	485.8	487.9	491.0	494.0	497.1	499.2	502.2	510.4	519.7	527.9	536.1
25°	522.7	526.8	530.9	539.1	548.4	556.6	564.8	585.3	604.7	625.2	644.7
27.5°	558.6	564.8	570.9	586.3	601.7	617.0	632.4	665.2	699.0	731.8	764.6
30°	592.4	600.6	608.8	633.4	657.0	681.6	705.2	748.2	792.3	835.4	878.4
32.5°	628.3	640.6	652.9	685.7	718.5	750.3	783.1	834.3	885.6	936.8	988.1
35°	664.2	681.6	699.0	739.0	779.0	819.0	858.9	922.5	986.0	1049.6	1113.1
37.5°	701.1	722.6	745.2	793.3	841.5	888.6	936.8	1016.8	1095.7	1175.6	1254.6
40°	735.9	762.6	788.2	849.7	911.2	971.7	1033.2	1125.4	1218.7	1310.9	1403.2
42.5°	772.8	804.6	835.4	912.2	990.1	1067.0	1143.9	1250.5	1356.0	1462.6	1568.2
45°	813.8	850.7	888.6	982.9	1076.2	1170.5	1263.8	1387.8	1510.8	1634.8	1757.8
47.5°	854.8	902.0	948.1	1058.8	1170.5	1281.2	1391.9	1526.2	1660.5	1794.7	1929.0
50°	883.5	938.9	993.2	1121.3	1249.4	1377.6	1505.7	1654.3	1803.9	1952.6	2101.2
52.5°	909.1	971.7	1034.2	1174.6	1314.0	1454.4	1593.8	1760.9	1928.0	2095.0	2262.1
55°	923.5	994.2	1064.9	1217.7	1369.4	1522.1	1673.8	1840.8	2007.9	2175.0	2342.1
57.5°	913.2	990.1	1068.0	1230.0	1390.9	1552.8	1713.7	1880.8	2047.9	2213.9	2381.0
60°	887.6	969.6	1051.6	1213.6	1376.5	1538.5	1700.4	1870.6	2040.7	2210.9	2381.0
62.5°	855.9	943.0	1029.1	1187.9	1346.8	1505.7	1664.6	1823.4	1983.3	2142.2	2301.1
65°	798.5	885.6	972.7	1126.4	1279.2	1432.9	1585.6	1735.3	1884.9	2033.5	2183.2
67.5°	724.7	808.7	892.7	1034.2	1174.6	1316.1	1456.5	1599.0	1740.4	1882.9	2024.3
70°	643.7	721.6	799.5	922.5	1045.5	1168.5	1291.5	1417.5	1544.6	1670.7	1796.8
72.5°	552.5	623.2	692.9	797.4	902.0	1006.5	1111.1	1214.6	1318.1	1420.6	1524.1
75°	445.9	504.3	562.7	649.8	737.0	823.1	910.2	992.2	1074.2	1155.1	1237.1
77.5°	334.1	379.2	423.3	491.0	558.6	626.3	693.9	755.4	816.9	877.4	938.9
80°	228.6	257.3	287.0	332.1	376.2	421.3	465.3	509.4	553.5	596.5	640.6
82.5°	138.4	156.8	174.2	200.9	228.6	255.2	281.9	306.5	331.1	355.7	380.3
85°	67.6	75.8	83.0	94.3	106.6	117.9	129.1	140.4	151.7	161.9	173.2
87.5°	26.6	26.6	26.6	28.7	29.7	31.8	32.8	33.8	35.9	36.9	37.9
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: P1445220

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

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445220

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

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2
2.5°	413.1	413.1	412.0	412.0	412.0	412.0	411.0	411.0	411.0	411.0	411.0
5°	389.5	388.5	387.4	386.4	385.4	384.4	383.3	382.3	382.3	381.3	382.3
7.5°	355.7	353.6	350.5	347.5	345.4	344.4	342.3	340.3	340.3	340.3	340.3
10°	327.0	321.8	317.7	312.6	310.6	307.5	305.4	302.4	301.3	299.3	301.3
12.5°	329.0	324.9	319.8	315.7	312.6	309.5	306.5	303.4	302.4	301.3	302.4
15°	353.6	350.5	346.4	343.4	341.3	339.3	336.2	334.1	333.1	331.1	333.1
17.5°	395.6	393.6	392.6	390.5	390.5	390.5	389.5	389.5	389.5	389.5	389.5
20°	458.2	462.3	466.4	470.5	474.6	479.7	483.8	487.9	488.9	489.9	488.9
22.5°	549.4	562.7	575.0	588.3	601.7	615.0	628.3	641.6	646.8	651.9	646.8
25°	674.4	704.2	733.9	763.6	788.2	812.8	836.4	861.0	871.2	881.5	871.2
27.5°	808.7	853.8	897.9	941.9	972.7	1004.5	1035.2	1067.0	1078.3	1089.5	1078.3
30°	928.6	978.8	1029.1	1079.3	1111.1	1142.8	1173.6	1205.4	1212.5	1220.7	1213.6
32.5°	1043.4	1099.8	1155.1	1210.5	1244.3	1279.2	1313.0	1346.8	1349.9	1353.0	1349.9
35°	1177.7	1242.3	1306.8	1371.4	1404.2	1437.0	1468.8	1501.6	1510.8	1520.0	1510.8
37.5°	1325.3	1396.0	1466.7	1537.5	1568.2	1599.0	1629.7	1660.5	1667.6	1674.8	1667.6
40°	1478.0	1552.8	1626.6	1701.5	1733.2	1765.0	1796.8	1828.5	1832.6	1837.8	1833.7
42.5°	1650.2	1731.2	1812.1	1894.1	1924.9	1956.7	1987.4	2018.2	2024.3	2030.5	2024.3
45°	1843.9	1929.0	2014.1	2100.2	2130.9	2162.7	2193.4	2225.2	2236.5	2247.8	2236.5
47.5°	2024.3	2119.6	2215.0	2310.3	2350.3	2391.3	2431.2	2472.2	2479.4	2486.6	2479.4
50°	2203.7	2306.2	2407.7	2510.2	2551.2	2592.1	2632.1	2673.1	2682.3	2691.6	2682.3
52.5°	2364.6	2467.1	2569.6	2672.1	2717.2	2763.3	2808.4	2853.5	2862.7	2872.0	2862.7
55°	2452.8	2562.4	2672.1	2782.8	2832.0	2882.2	2931.4	2981.6	2997.0	3012.4	2997.0
57.5°	2493.8	2606.5	2719.2	2832.0	2884.3	2937.6	2989.8	3042.1	3055.4	3068.8	3055.4
60°	2486.6	2593.2	2698.7	2804.3	2856.6	2909.9	2962.2	3015.5	3028.8	3042.1	3028.8
62.5°	2408.7	2517.3	2624.9	2732.6	2783.8	2836.1	2887.3	2938.6	2951.9	2966.3	2952.9
65°	2286.7	2389.2	2491.7	2595.2	2634.2	2673.1	2711.0	2750.0	2763.3	2777.7	2764.3
67.5°	2106.3	2187.3	2268.3	2350.3	2393.3	2436.4	2478.4	2521.4	2540.9	2561.4	2541.9
70°	1869.5	1943.3	2016.1	2088.9	2135.0	2181.1	2226.2	2272.4	2280.6	2289.8	2281.6
72.5°	1593.8	1663.5	1733.2	1802.9	1836.7	1871.6	1905.4	1939.2	1948.5	1958.7	1949.5
75°	1291.5	1345.8	1399.1	1453.4	1479.0	1505.7	1531.3	1558.0	1568.2	1579.5	1569.2
77.5°	977.8	1016.8	1054.7	1093.6	1118.2	1142.8	1166.4	1191.0	1198.2	1205.4	1198.2
80°	672.4	703.1	733.9	765.7	778.0	791.3	803.6	816.9	822.0	828.2	823.1
82.5°	400.8	420.2	439.7	460.2	466.4	473.5	479.7	485.8	487.9	488.9	487.9
85°	183.5	193.7	202.9	213.2	216.3	220.4	223.4	226.5	229.6	232.7	229.6
87.5°	40.0	41.0	43.0	44.1	46.1	47.1	49.2	50.2	50.2	50.2	50.2
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: P1445220

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

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445220

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

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2
2.5°	411.0	411.0	412.0	412.0	412.0	412.0	413.1	413.1	413.1	414.1	414.1
5°	382.3	383.3	384.4	385.4	386.4	387.4	388.5	389.5	390.5	392.6	394.6
7.5°	340.3	342.3	344.4	345.4	347.5	350.5	353.6	355.7	358.7	362.8	365.9
10°	302.4	305.4	307.5	310.6	312.6	317.7	321.8	327.0	331.1	336.2	342.3
12.5°	303.4	306.5	309.5	312.6	315.7	319.8	324.9	329.0	333.1	338.2	344.4
15°	334.1	336.2	339.3	341.3	343.4	346.4	350.5	353.6	356.7	361.8	365.9
17.5°	389.5	389.5	390.5	390.5	390.5	392.6	393.6	395.6	396.7	399.7	401.8
20°	487.9	483.8	479.7	474.6	470.5	466.4	462.3	458.2	454.1	453.0	451.0
22.5°	641.6	628.3	615.0	601.7	588.3	575.0	562.7	549.4	536.1	527.9	519.7
25°	861.0	836.4	812.8	788.2	763.6	733.9	704.2	674.4	644.7	624.2	604.7
27.5°	1067.0	1035.2	1004.5	972.7	941.9	897.9	853.8	808.7	764.6	731.8	699.0
30°	1205.4	1173.6	1142.8	1111.1	1079.3	1029.1	978.8	928.6	878.4	835.4	792.3
32.5°	1346.8	1313.0	1279.2	1244.3	1210.5	1155.1	1099.8	1043.4	988.1	936.8	885.6
35°	1501.6	1468.8	1437.0	1404.2	1371.4	1306.8	1242.3	1177.7	1113.1	1049.6	986.0
37.5°	1660.5	1629.7	1599.0	1568.2	1537.5	1466.7	1396.0	1325.3	1254.6	1174.6	1095.7
40°	1828.5	1796.8	1765.0	1733.2	1701.5	1626.6	1552.8	1478.0	1403.2	1310.9	1218.7
42.5°	2018.2	1987.4	1956.7	1924.9	1894.1	1812.1	1731.2	1649.2	1568.2	1461.6	1356.0
45°	2225.2	2193.4	2162.7	2130.9	2100.2	2014.1	1929.0	1842.9	1757.8	1633.8	1510.8
47.5°	2472.2	2431.2	2391.3	2350.3	2310.3	2215.0	2119.6	2024.3	1929.0	1794.7	1660.5
50°	2673.1	2632.1	2592.1	2551.2	2510.2	2407.7	2306.2	2203.7	2101.2	1952.6	1803.9
52.5°	2853.5	2808.4	2763.3	2717.2	2672.1	2569.6	2467.1	2364.6	2262.1	2095.0	1928.0
55°	2981.6	2931.4	2882.2	2832.0	2782.8	2672.1	2562.4	2451.7	2342.1	2175.0	2007.9
57.5°	3042.1	2989.8	2937.6	2884.3	2832.0	2719.2	2606.5	2493.8	2381.0	2213.9	2047.9
60°	3015.5	2962.2	2909.9	2856.6	2804.3	2698.7	2593.2	2486.6	2381.0	2210.9	2040.7
62.5°	2938.6	2887.3	2836.1	2783.8	2732.6	2624.9	2517.3	2408.7	2301.1	2142.2	1983.3
65°	2750.0	2711.0	2673.1	2634.2	2595.2	2491.7	2389.2	2285.7	2183.2	2033.5	1884.9
67.5°	2521.4	2478.4	2436.4	2393.3	2350.3	2268.3	2187.3	2105.3	2024.3	1881.8	1740.4
70°	2272.4	2226.2	2181.1	2135.0	2088.9	2016.1	1943.3	1869.5	1796.8	1670.7	1544.6
72.5°	1939.2	1905.4	1871.6	1836.7	1802.9	1733.2	1663.5	1593.8	1524.1	1420.6	1318.1
75°	1558.0	1531.3	1505.7	1479.0	1453.4	1399.1	1345.8	1291.5	1237.1	1155.1	1074.2
77.5°	1191.0	1166.4	1142.8	1118.2	1093.6	1054.7	1016.8	977.8	938.9	877.4	816.9
80°	816.9	803.6	791.3	778.0	765.7	733.9	703.1	671.4	640.6	596.5	553.5
82.5°	485.8	479.7	473.5	466.4	460.2	439.7	420.2	399.7	380.3	355.7	331.1
85°	226.5	223.4	220.4	216.3	213.2	202.9	193.7	183.5	173.2	161.9	151.7
87.5°	50.2	49.2	47.1	46.1	44.1	43.0	41.0	40.0	37.9	36.9	35.9
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: P1445220

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

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445220

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

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2
2.5°	415.1	415.1	415.1	416.1	416.1	416.1	417.2	417.2	418.2	418.2	419.2
5°	395.6	397.7	399.7	401.8	403.8	405.9	406.9	409.0	410.0	411.0	412.0
7.5°	370.0	373.1	377.2	381.3	384.4	388.5	392.6	395.6	399.7	402.8	404.9
10°	347.5	352.6	358.7	364.9	370.0	376.2	381.3	386.4	391.5	396.7	399.7
12.5°	349.5	354.6	360.8	366.9	373.1	379.2	385.4	390.5	396.7	401.8	404.9
15°	371.0	375.1	379.2	384.4	388.5	392.6	397.7	402.8	407.9	413.1	417.2
17.5°	404.9	406.9	410.0	412.0	415.1	417.2	420.2	423.3	425.4	428.4	431.5
20°	450.0	447.9	448.9	450.0	450.0	451.0	451.0	451.0	451.0	451.0	452.0
22.5°	510.4	502.2	499.2	497.1	494.0	491.0	487.9	485.8	482.8	479.7	477.6
25°	585.3	564.8	556.6	548.4	539.1	530.9	526.8	522.7	517.6	513.5	508.4
27.5°	665.2	632.4	617.0	601.7	586.3	570.9	564.8	558.6	552.5	546.3	538.1
30°	748.2	705.2	681.6	657.0	633.4	608.8	600.6	592.4	584.2	576.0	565.8
32.5°	834.3	783.1	750.3	718.5	685.7	652.9	640.6	628.3	615.0	602.7	591.4
35°	922.5	858.9	819.0	779.0	739.0	699.0	681.6	664.2	645.7	628.3	616.0
37.5°	1016.8	936.8	888.6	841.5	793.3	745.2	722.6	701.1	678.5	656.0	641.6
40°	1125.4	1033.2	971.7	911.2	849.7	788.2	762.6	735.9	710.3	683.7	667.3
42.5°	1250.5	1143.9	1067.0	990.1	912.2	835.4	804.6	772.8	742.1	710.3	691.9
45°	1387.8	1263.8	1170.5	1076.2	982.9	888.6	850.7	813.8	775.9	738.0	717.5
47.5°	1526.2	1391.9	1281.2	1170.5	1058.8	948.1	902.0	854.8	808.7	761.6	740.0
50°	1654.3	1505.7	1377.6	1249.4	1121.3	993.2	938.9	883.5	829.2	773.9	751.3
52.5°	1760.9	1593.8	1454.4	1314.0	1174.6	1034.2	971.7	909.1	846.6	784.1	760.5
55°	1840.8	1673.8	1522.1	1369.4	1217.7	1064.9	994.2	923.5	852.8	782.1	757.5
57.5°	1880.8	1713.7	1552.8	1390.9	1230.0	1068.0	990.1	913.2	835.4	757.5	732.9
60°	1870.6	1700.4	1538.5	1376.5	1213.6	1051.6	969.6	887.6	804.6	722.6	698.0
62.5°	1823.4	1664.6	1505.7	1346.8	1187.9	1029.1	943.0	855.9	769.8	682.6	656.0
65°	1735.3	1585.6	1432.9	1279.2	1126.4	972.7	885.6	798.5	710.3	623.2	599.6
67.5°	1599.0	1456.5	1316.1	1174.6	1034.2	892.7	808.7	724.7	640.6	556.6	534.0
70°	1417.5	1291.5	1168.5	1045.5	922.5	799.5	721.6	643.7	565.8	487.9	466.4
72.5°	1214.6	1111.1	1006.5	902.0	797.4	692.9	623.2	552.5	482.8	412.0	391.5
75°	992.2	910.2	823.1	737.0	649.8	562.7	504.3	445.9	387.4	329.0	312.6
77.5°	755.4	693.9	626.3	558.6	491.0	423.3	379.2	334.1	290.1	245.0	231.6
80°	509.4	465.3	421.3	376.2	332.1	287.0	257.3	228.6	198.8	169.1	158.9
82.5°	306.5	281.9	255.2	228.6	200.9	174.2	156.8	138.4	120.9	102.5	96.3
85°	140.4	129.1	117.9	106.6	94.3	83.0	75.8	67.6	60.5	52.3	50.2
87.5°	33.8	32.8	31.8	29.7	28.7	26.6	26.6	26.6	25.6	25.6	25.6
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: P1445220

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

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445220

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

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2
2.5°	419.2	420.2	420.2	420.2	420.2	420.2	420.2	420.2	421.3	421.3	421.3
5°	414.1	415.1	416.1	417.2	418.2	418.2	419.2	420.2	420.2	421.3	421.3
7.5°	406.9	409.0	411.0	412.0	413.1	414.1	415.1	416.1	416.1	417.2	417.2
10°	401.8	404.9	407.9	409.0	411.0	412.0	413.1	413.1	414.1	414.1	414.1
12.5°	407.9	412.0	415.1	416.1	417.2	417.2	418.2	418.2	417.2	417.2	416.1
15°	420.2	424.3	427.4	427.4	428.4	428.4	428.4	427.4	426.4	425.4	424.3
17.5°	433.6	436.6	439.7	439.7	440.7	440.7	440.7	439.7	437.7	436.6	434.6
20°	452.0	453.0	453.0	454.1	454.1	455.1	455.1	453.0	450.0	447.9	444.8
22.5°	474.6	472.5	469.4	469.4	469.4	468.4	468.4	465.3	462.3	458.2	455.1
25°	502.2	497.1	491.0	488.9	486.9	483.8	481.7	477.6	474.6	470.5	466.4
27.5°	529.9	520.7	512.5	508.4	503.3	499.2	494.0	489.9	485.8	481.7	477.6
30°	555.5	544.3	534.0	526.8	519.7	512.5	505.3	501.2	496.1	492.0	486.9
32.5°	579.1	567.8	555.5	546.3	537.1	526.8	517.6	512.5	507.4	502.2	497.1
35°	602.7	590.4	577.1	565.8	553.5	542.2	529.9	523.8	518.6	512.5	506.3
37.5°	627.3	611.9	597.6	584.2	570.9	556.6	543.2	536.1	529.9	522.7	515.6
40°	651.9	635.5	619.1	603.7	588.3	573.0	557.6	549.4	542.2	534.0	525.8
42.5°	673.4	655.0	636.5	620.1	604.7	588.3	571.9	562.7	553.5	543.2	534.0
45°	697.0	676.5	656.0	638.6	620.1	602.7	584.2	574.0	563.7	553.5	543.2
47.5°	717.5	696.0	673.4	653.9	635.5	616.0	596.5	585.3	574.0	562.7	551.4
50°	728.8	705.2	682.6	662.1	642.7	622.2	601.7	589.4	578.1	565.8	553.5
52.5°	735.9	712.4	687.8	667.3	645.7	625.2	603.7	591.4	579.1	565.8	553.5
55°	731.8	707.2	681.6	661.1	639.6	619.1	597.6	584.2	571.9	558.6	545.3
57.5°	708.3	682.6	658.0	638.6	619.1	599.6	580.1	566.8	554.5	541.2	527.9
60°	673.4	647.8	623.2	604.7	587.3	568.9	550.4	538.1	526.8	514.5	502.2
62.5°	630.4	603.7	577.1	561.7	546.3	529.9	514.5	503.3	492.0	480.7	469.4
65°	575.0	551.4	526.8	512.5	498.1	483.8	469.4	459.2	448.9	437.7	427.4
67.5°	512.5	489.9	467.4	454.1	440.7	427.4	414.1	404.9	396.7	387.4	378.2
70°	444.8	422.3	400.8	389.5	379.2	368.0	356.7	349.5	342.3	334.1	327.0
72.5°	372.1	351.6	331.1	322.9	313.6	305.4	296.2	289.0	281.9	274.7	267.5
75°	295.2	278.8	261.4	255.2	249.1	241.9	235.7	229.6	223.4	216.3	210.1
77.5°	218.3	205.0	191.7	187.6	183.5	179.4	175.3	170.1	165.0	158.9	153.7
80°	148.6	138.4	128.1	126.1	124.0	120.9	118.9	113.8	109.7	104.5	99.4
82.5°	90.2	84.0	77.9	76.9	75.8	73.8	72.8	68.7	64.6	59.4	55.3
85°	47.1	45.1	42.0	42.0	41.0	41.0	40.0	36.9	33.8	29.7	26.6
87.5°	25.6	25.6	25.6	25.6	25.6	25.6	25.6	22.5	19.5	15.4	12.3
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: P1445220

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

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1445220

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

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	420.2	420.2
2.5°	421.3	421.3
5°	422.3	422.3
7.5°	417.2	417.2
10°	414.1	414.1
12.5°	416.1	415.1
15°	424.3	423.3
17.5°	433.6	431.5
20°	443.8	441.8
22.5°	453.0	451.0
25°	464.3	461.2
27.5°	474.6	471.5
30°	483.8	480.7
32.5°	493.0	488.9
35°	502.2	498.1
37.5°	511.5	506.3
40°	520.7	515.6
42.5°	528.9	523.8
45°	538.1	533.0
47.5°	546.3	541.2
50°	548.4	542.2
52.5°	548.4	542.2
55°	540.2	534.0
57.5°	521.7	514.5
60°	495.1	487.9
62.5°	463.3	456.1
65°	419.2	411.0
67.5°	371.0	362.8
70°	320.8	313.6
72.5°	260.3	253.2
75°	204.0	197.8
77.5°	147.6	140.4
80°	94.3	89.2
82.5°	50.2	45.1
85°	20.5	14.3
87.5°	7.2	2.0
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: P1445220

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

CANDELA DISTRIBUTION (continued):

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

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

Report Prepared for

Cooper Lighting Solutions

MCGRAW EDISON

Report Number: SP1-2411-284-3

Test Date: 11/21/2024

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

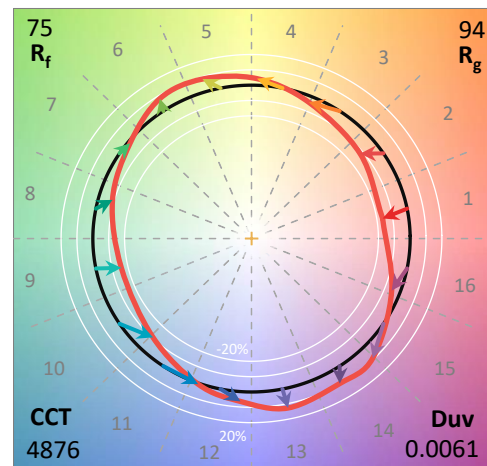
Data in this report applies to families of products including TTN-D0-750-U-WQ

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

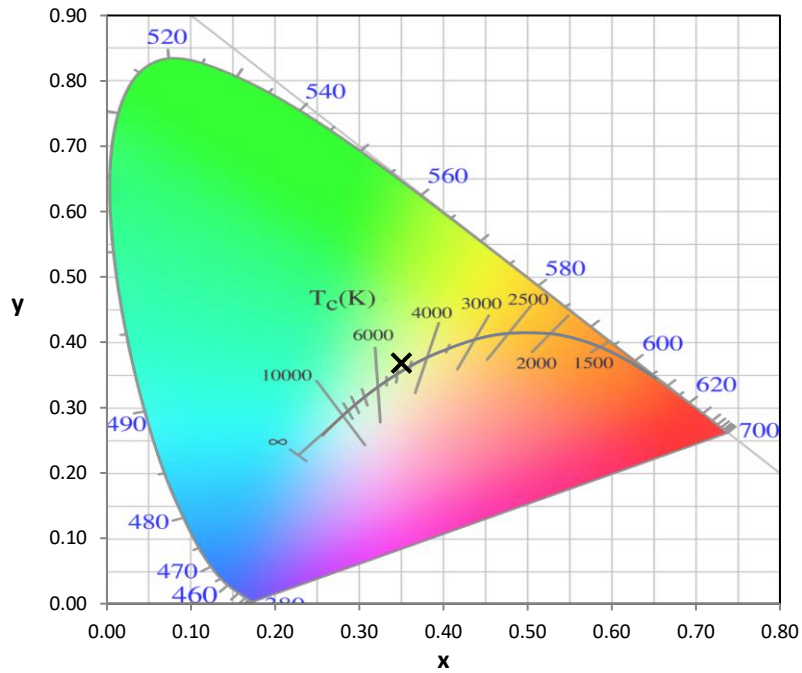
Stabilization Time: 51M
 Operation Time: 1H 51M
 Sphere Temperature (°C): 24.9

REPORT NUMBER: SP1-2411-284-3

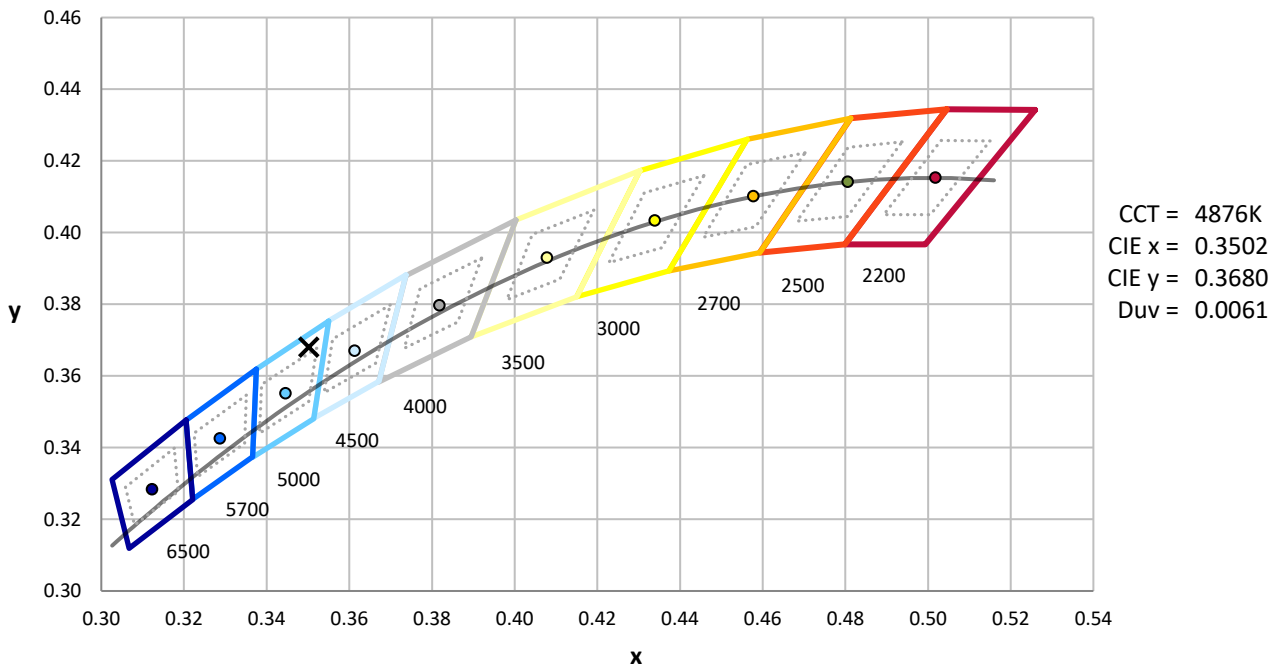
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2411-284-3

CIE 1931 Chromaticity Diagram



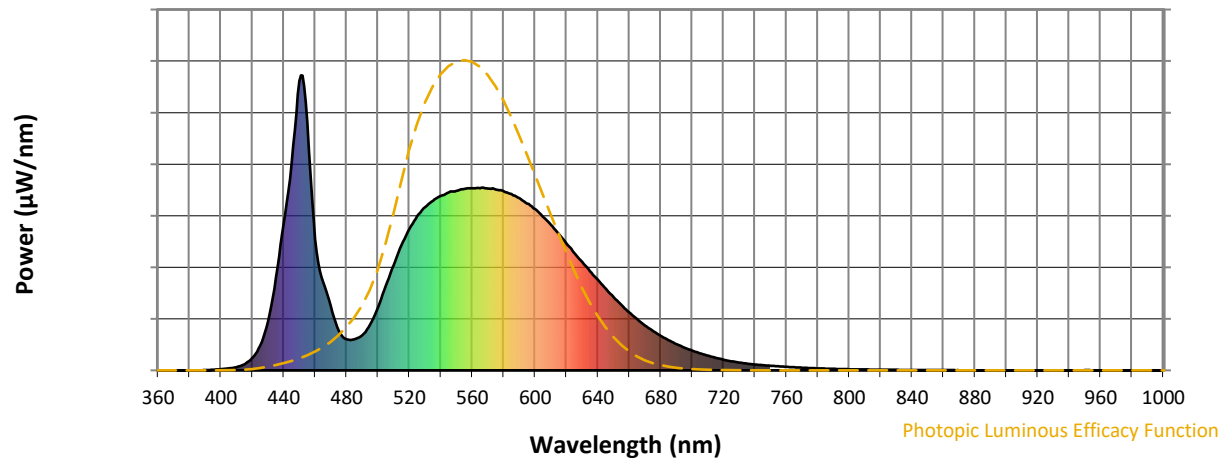
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2411-284-3

Photopic Flux vs. Wavelength

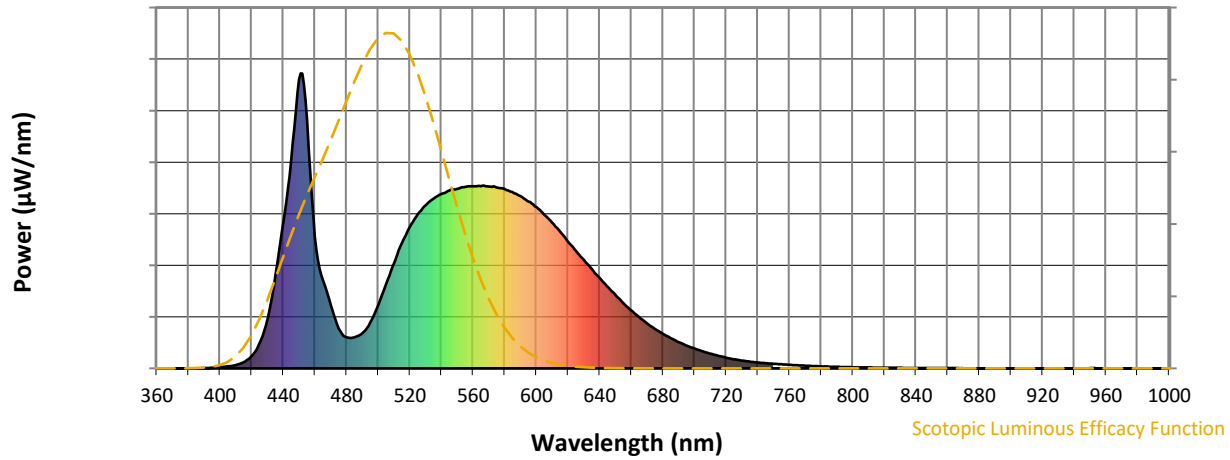


Photopic Lumens: NR

λ (nm)	Power W [^] /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	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



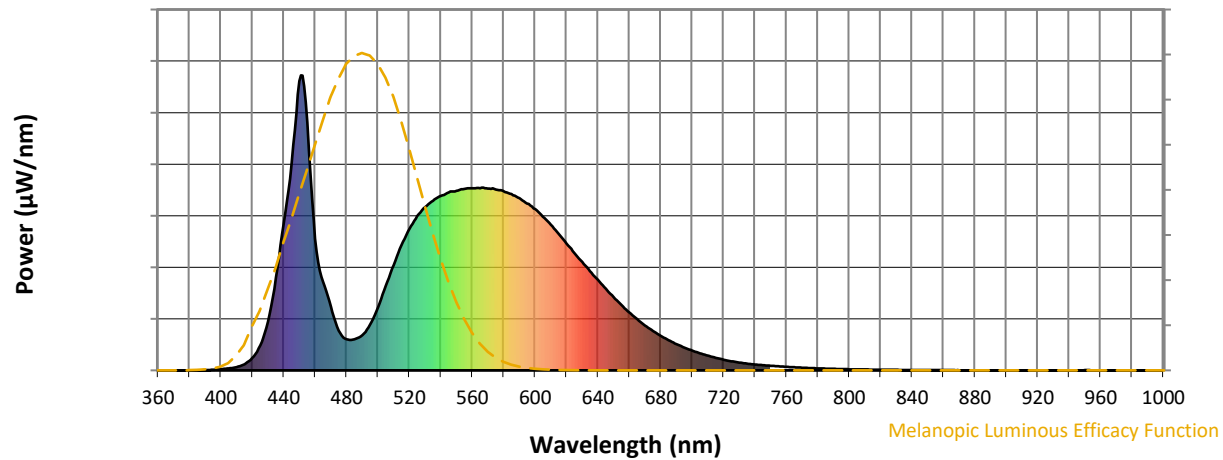
Scotopic Lumens: NR

S/P: 1.74

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

REPORT NUMBER: SP1-2411-284-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.51

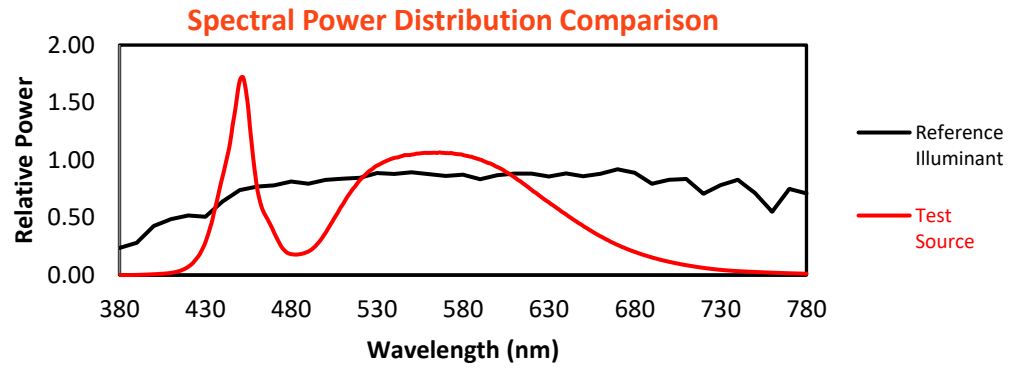
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	430	NR	750	16	NR	880	0	NR
365	0	NR	495	156	NR	625	398	NR	755	14	NR	885	0	NR
370	0	NR	500	214	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

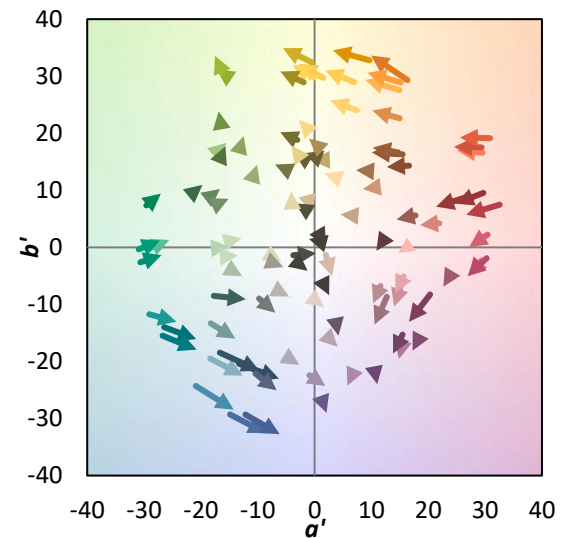
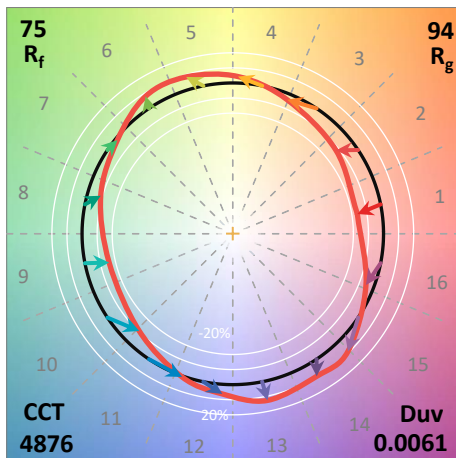
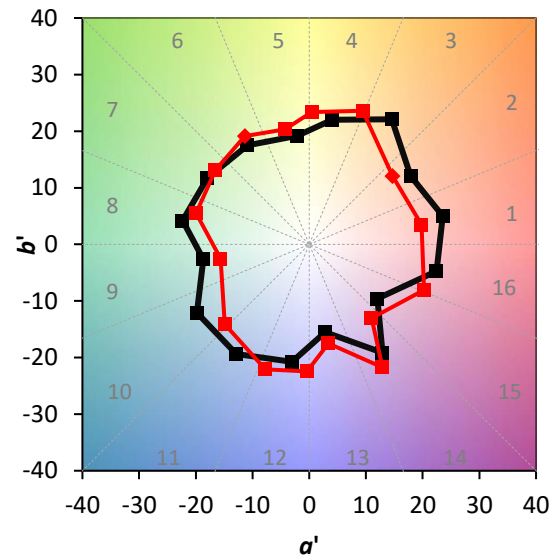
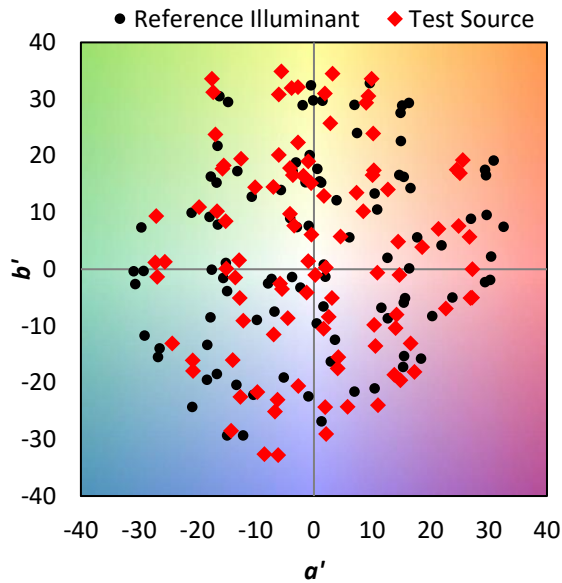
TM-30-18

Summary

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

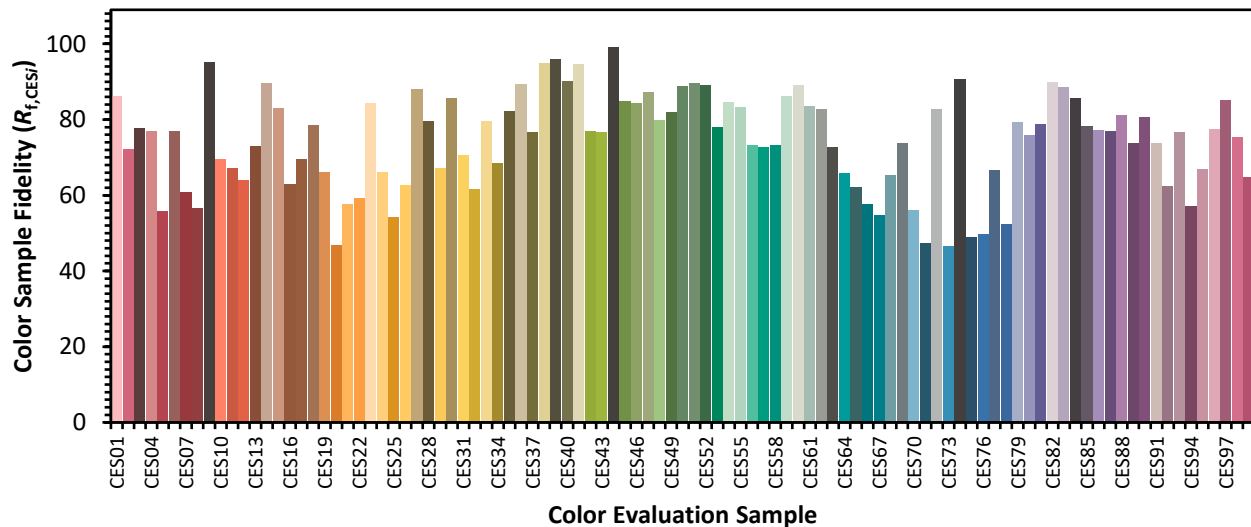


Color Vector Graphics

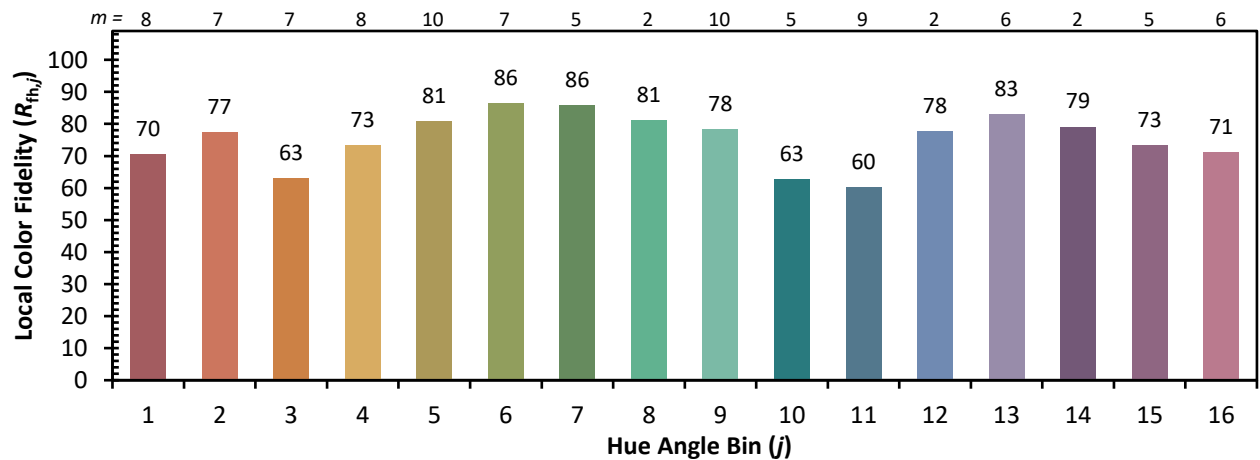
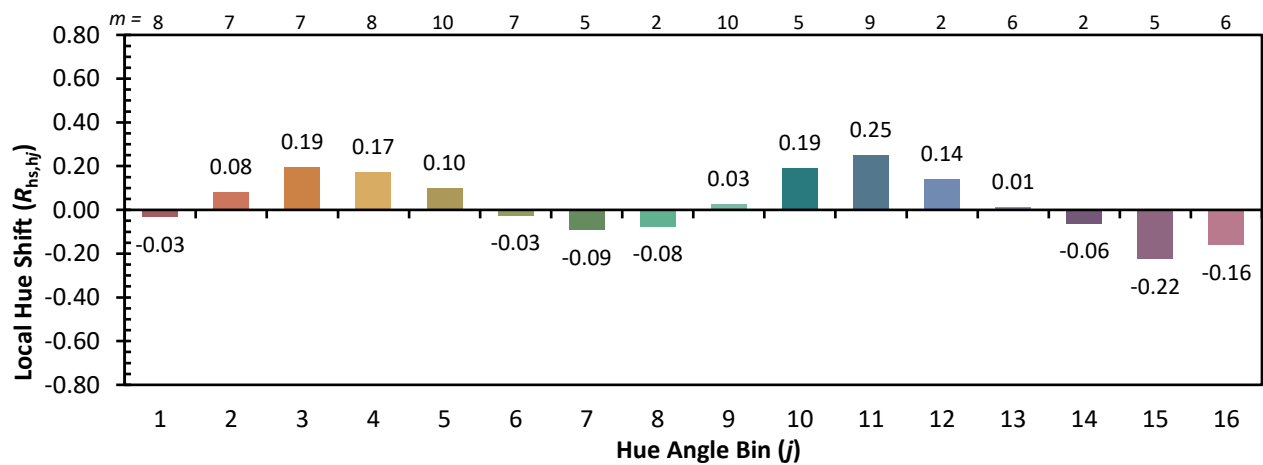
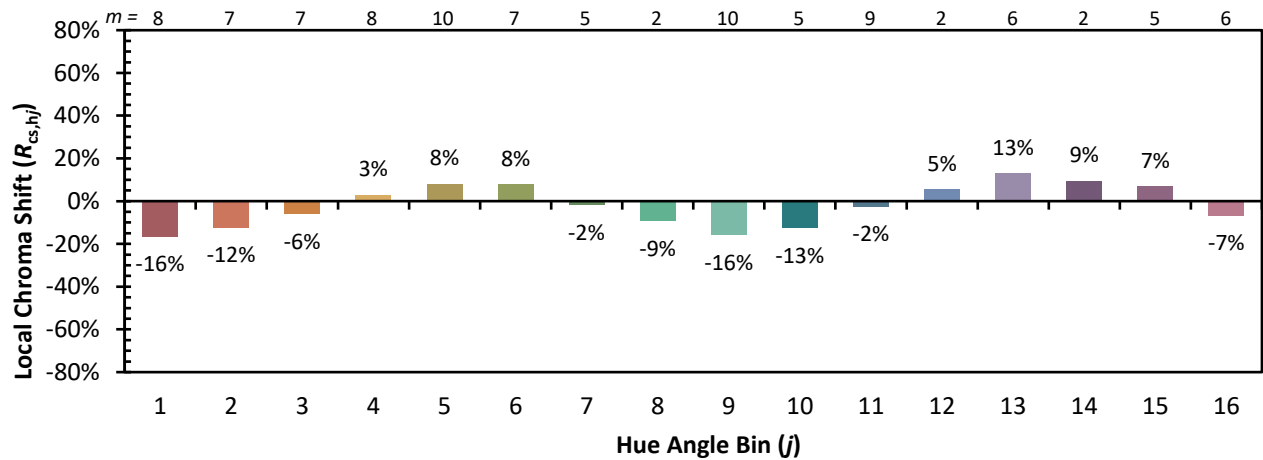


Individual Sample Fidelity Index ($R_{f,i}$)

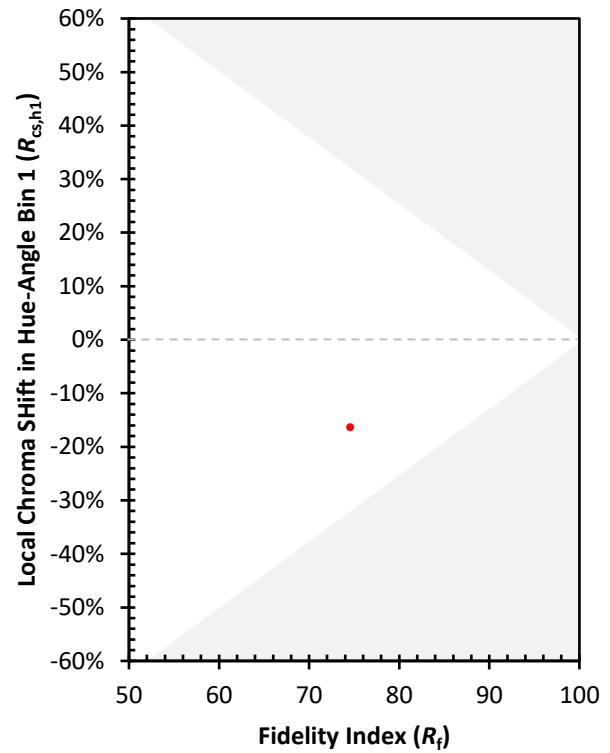
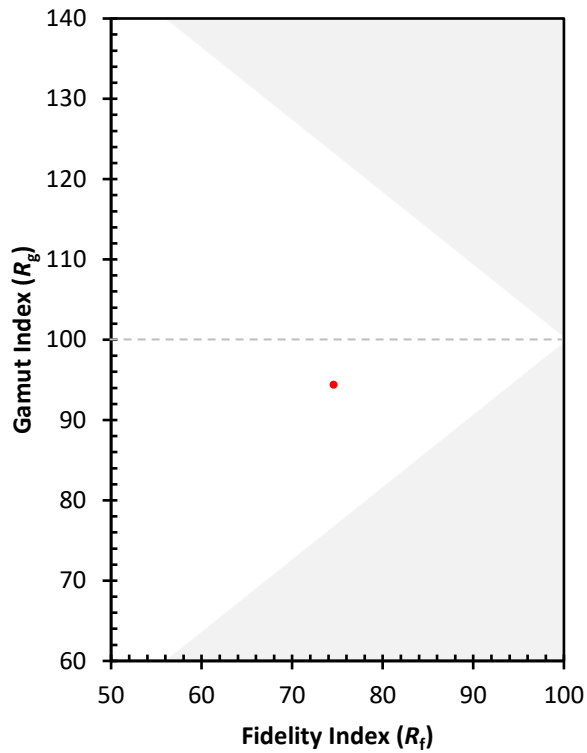
CES01 = 85	CES26 = 63	CES51 = 90	CES76 = 50
CES02 = 59	CES27 = 88	CES52 = 89	CES77 = 67
CES03 = 30	CES28 = 80	CES53 = 78	CES78 = 52
CES04 = 69	CES29 = 67	CES54 = 85	CES79 = 79
CES05 = 46	CES30 = 86	CES55 = 83	CES80 = 76
CES06 = 50	CES31 = 70	CES56 = 73	CES81 = 79
CES07 = 39	CES32 = 62	CES57 = 73	CES82 = 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)