

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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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: P1445203

Luminaire Tested: TPTN-VA2-750-U-RW-GM

Issue Date: 05/21/2026

Test Information

Test Method: LM-79-2024
Report Number: P1445203
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: TPTN-VA2-750-U-RW-GM
Description: TOPTIER NANO SPIDER MOUNT VISUAL COMFORT LED LUMINAIRE 42W 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: 3756.2 lumens
Efficiency: N/A
Efficacy: 89.2 lumens/watt
Luminous Opening: Circular (Dia: 0.71' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U0 - G2

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

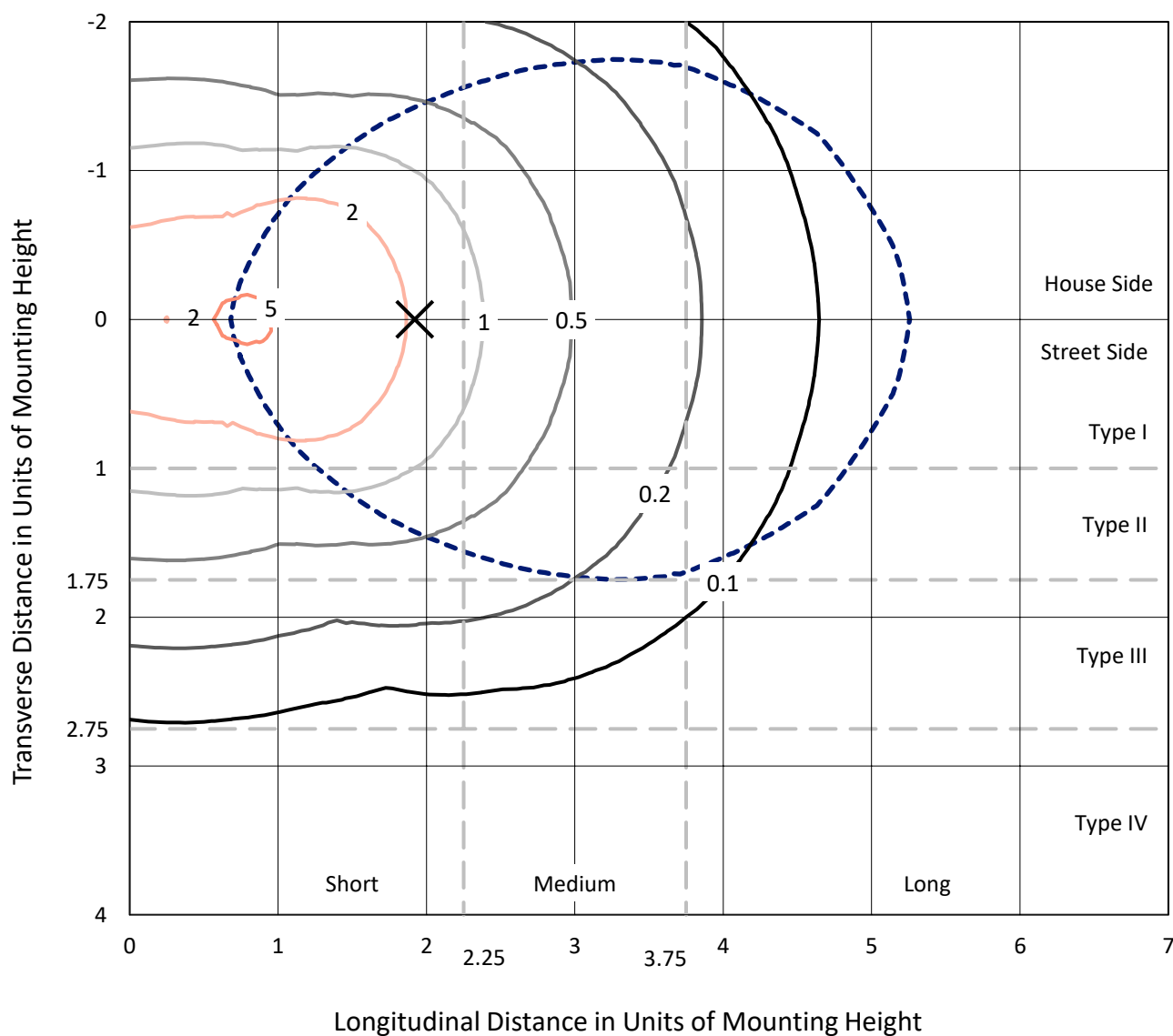
REPORT NUMBER: P1445203

CATALOG NUMBER: TPTN-VA2-750-U-RW-GM

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

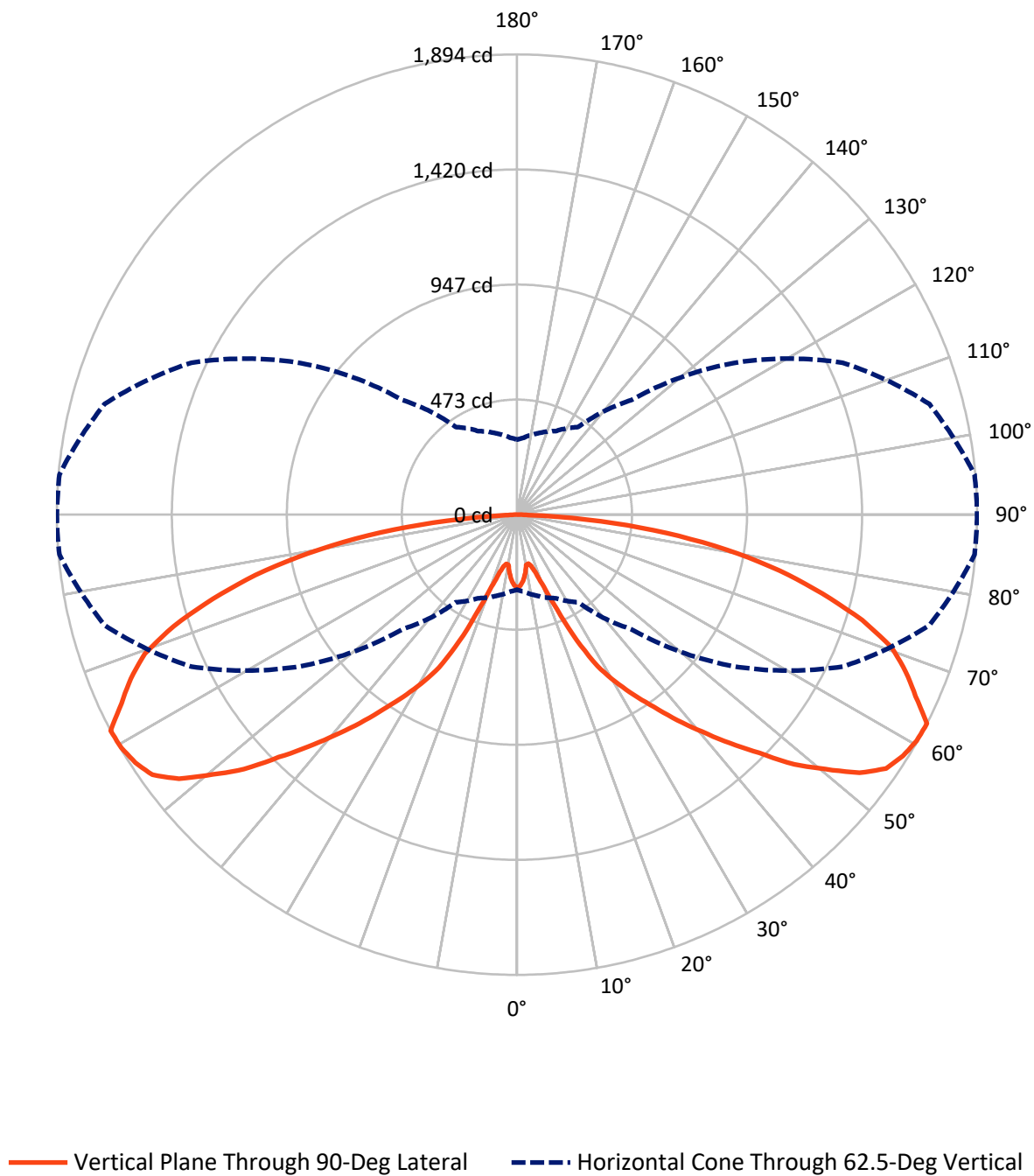


Based on 10 foot mounting height. Maximum calculated value = 5.4 fc
 Type II - Short - N/A

REPORT NUMBER: P1445203

CATALOG NUMBER: TPTN-VA2-750-U-RW-GM

Luminous Intensity Polar Plot



REPORT NUMBER: P1445203

CATALOG NUMBER: TPTN-VA2-750-U-RW-GM

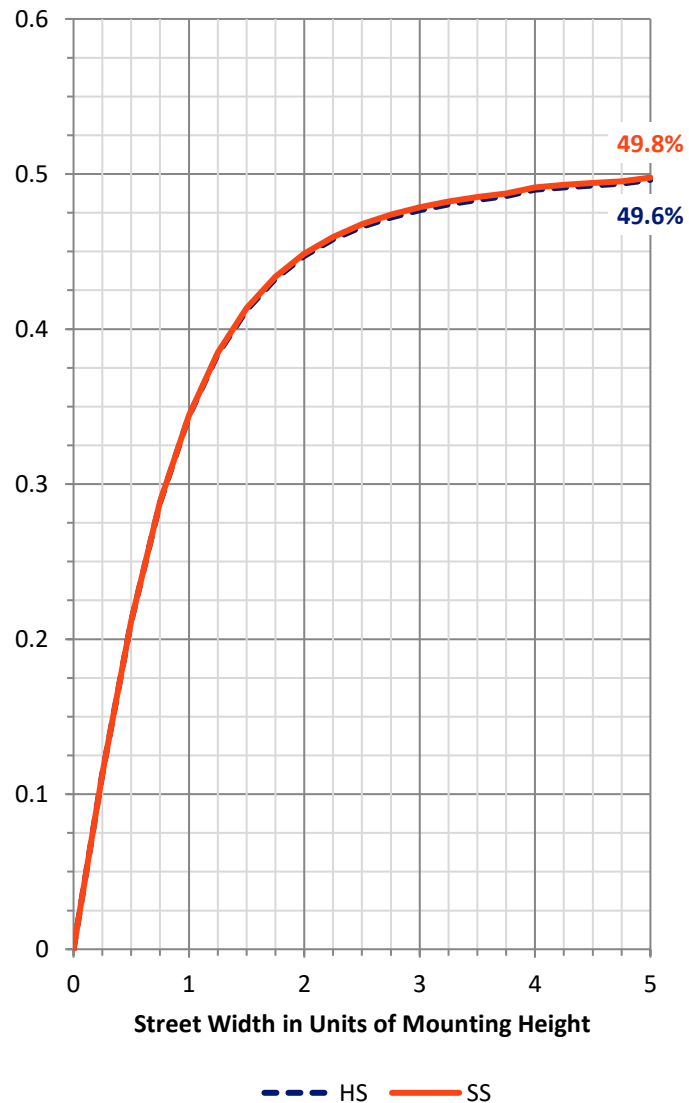
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1878.1	0.0	1878.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1878.1	0.0	1878.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	3756.2	0.0	3756.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.8	0.7
10°-20°	79.0	2.1
20°-30°	186.0	5.0
30°-40°	357.2	9.5
40°-50°	585.6	15.6
50°-60°	825.3	22.0
60°-70°	874.9	23.3
70°-80°	643.4	17.1
80°-90°	178.1	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°	3756.2	100.0
0°-180°	3756.2	100.0

Coefficient of Utilization



REPORT NUMBER: P1445203

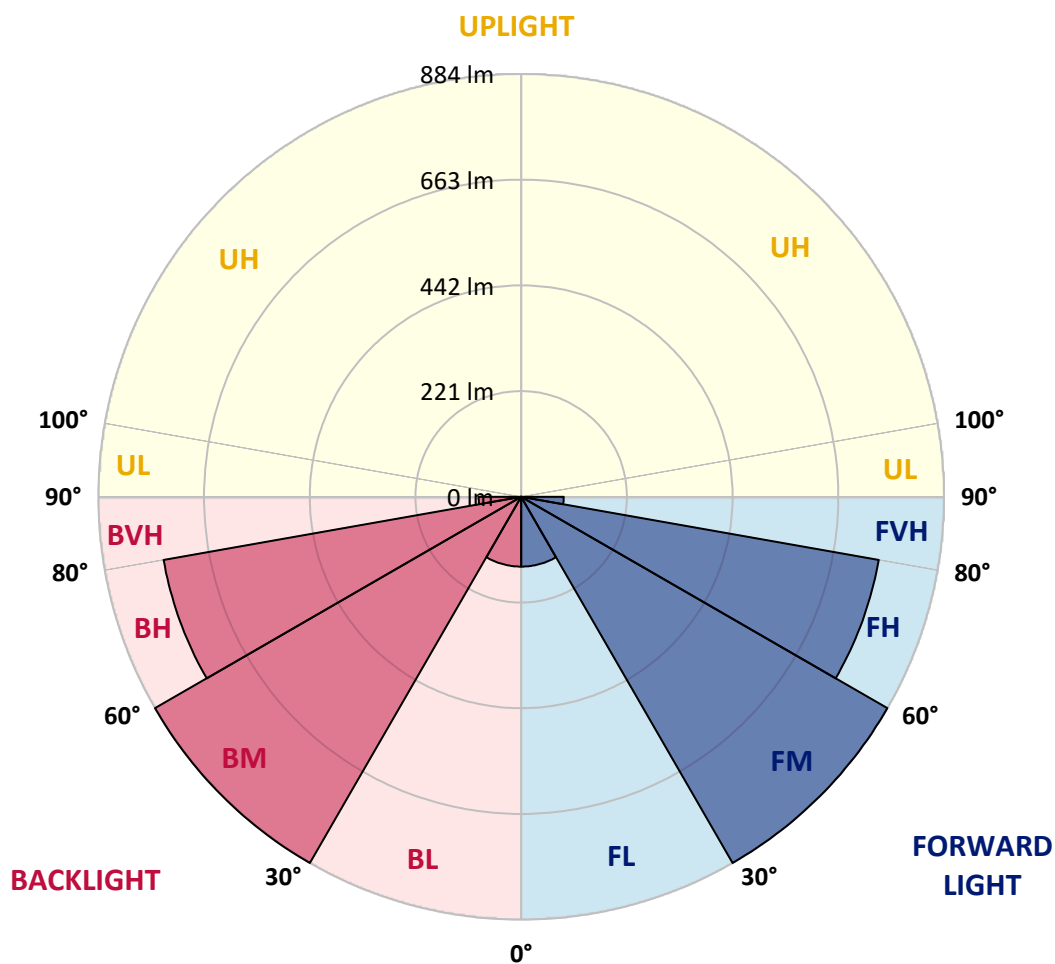
CATALOG NUMBER: TPTN-VA2-750-U-RW-GM

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	145.9	3.9			
FM	(30°-60°)	884.0	23.5			
FH	(60°-80°)	759.2	20.2			G1/1800
FVH	(80°-90°)	89.0	2.4			G1/100
BL	(0°-30°)	145.9	3.9	B1/500		
BM	(30°-60°)	884.0	23.5	B1/1000		
BH	(60°-80°)	759.1	20.2	B2/1000		G2/1000
BVH	(80°-90°)	89.0	2.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Short



REPORT NUMBER: P1445203

CATALOG NUMBER: TPTN-VA2-750-U-RW-GM

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5
2.5°	305.9	305.9	305.9	305.9	305.9	305.2	305.2	305.2	304.5	304.5	303.8
5°	308.7	308.7	308.7	308.7	308.0	308.0	307.3	306.6	305.9	304.5	303.8
7.5°	303.1	303.1	303.1	302.5	302.5	301.8	301.1	299.7	299.0	297.6	296.3
10°	295.6	294.9	294.2	293.5	293.5	292.8	292.1	290.7	289.4	288.0	286.6
12.5°	294.9	294.9	294.2	294.2	293.5	293.5	292.8	291.4	290.7	289.4	288.0
15°	302.5	302.5	302.5	302.5	302.5	301.8	301.8	301.1	299.7	299.0	297.6
17.5°	307.3	307.3	307.3	308.0	308.7	308.7	309.3	309.3	309.3	309.3	309.3
20°	307.3	307.3	307.3	308.7	310.0	310.7	312.1	313.5	314.9	316.2	317.6
22.5°	308.7	309.3	309.3	311.4	312.8	314.9	316.2	318.3	321.1	323.1	325.2
25°	316.9	316.9	316.9	319.0	321.1	322.4	324.5	327.3	330.0	332.1	334.8
27.5°	324.5	325.2	325.9	327.9	330.7	332.8	334.8	338.3	342.4	345.9	349.3
30°	325.2	325.9	326.6	330.0	333.5	336.9	340.3	345.9	352.1	357.6	363.1
32.5°	325.9	327.3	327.9	332.1	336.2	339.7	343.8	350.7	358.3	365.1	372.0
35°	330.7	332.8	334.1	338.3	343.1	347.2	351.4	358.9	366.5	374.1	381.7
37.5°	335.5	337.6	339.7	344.5	350.0	354.8	359.6	367.9	376.9	385.1	393.4
40°	339.0	341.7	343.8	350.0	355.5	361.7	367.2	376.9	386.5	396.2	405.8
42.5°	343.1	345.9	348.6	354.8	361.0	366.5	372.7	383.1	393.4	403.7	414.1
45°	349.3	352.1	354.8	361.0	367.9	374.1	380.3	391.3	402.4	412.7	423.7
47.5°	354.1	356.9	358.9	365.8	373.4	380.3	387.2	398.2	409.9	421.0	432.0
50°	354.8	358.3	361.0	368.6	375.5	383.1	389.9	401.7	414.1	425.8	437.5
52.5°	353.4	356.9	360.3	368.6	376.2	384.4	392.0	404.4	416.8	429.2	441.6
55°	347.9	351.4	354.1	362.4	370.7	378.9	387.2	400.3	412.7	425.8	438.2
57.5°	340.3	343.8	347.2	354.8	361.7	369.3	376.2	387.9	400.3	412.0	423.7
60°	330.0	333.5	336.9	343.8	350.7	356.9	363.8	373.4	383.1	392.0	401.7
62.5°	308.7	313.5	317.6	325.2	332.8	339.7	347.2	355.5	363.8	371.3	379.6
65°	282.5	287.3	292.1	299.0	305.9	312.8	319.7	328.6	338.3	347.2	356.2
67.5°	257.7	261.8	265.9	271.4	277.6	283.2	288.7	297.6	307.3	316.2	325.2
70°	230.8	235.6	239.8	244.6	249.4	253.5	258.4	265.9	273.5	280.4	288.0
72.5°	198.4	203.2	207.4	212.2	216.3	221.2	225.3	231.5	237.0	243.2	248.7
75°	163.3	168.1	172.2	176.4	181.2	185.3	189.5	193.6	198.4	202.6	206.7
77.5°	125.4	129.5	133.7	137.8	142.6	146.7	150.9	154.3	157.8	160.5	164.0
80°	90.3	93.7	97.1	100.6	104.0	106.8	110.2	113.0	115.1	117.8	119.9
82.5°	52.4	56.5	60.6	64.1	67.5	70.3	73.7	75.1	77.2	78.5	79.9
85°	23.4	27.6	31.0	33.8	36.5	38.6	41.3	42.7	44.1	44.8	46.2
87.5°	4.8	8.3	11.0	13.8	16.5	18.6	21.4	21.4	22.0	22.0	22.0
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: P1445203

CATALOG NUMBER: TPTN-VA2-750-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

REPORT NUMBER: P1445203

CATALOG NUMBER: TPTN-VA2-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5
2.5°	303.8	303.1	303.1	302.5	301.8	301.1	300.4	299.7	299.0	299.0	298.3
5°	302.5	301.8	300.4	299.0	297.6	295.6	294.2	292.1	290.1	288.7	286.6
7.5°	294.9	292.8	291.4	289.4	287.3	285.2	283.2	281.1	278.3	276.3	273.5
10°	285.2	283.2	281.8	279.7	277.0	274.9	272.1	269.4	265.9	262.5	259.0
12.5°	285.9	283.9	281.1	279.0	276.3	274.2	271.4	268.7	265.2	261.8	258.4
15°	295.6	293.5	291.4	289.4	286.6	283.2	280.4	277.0	273.5	270.1	265.9
17.5°	308.0	307.3	305.9	304.5	301.1	298.3	294.9	291.4	288.0	284.5	280.4
20°	318.3	319.7	320.4	321.1	319.0	316.9	314.9	312.8	310.0	307.3	304.5
22.5°	327.9	330.7	333.5	336.2	336.2	336.9	336.9	336.9	336.9	337.6	337.6
25°	339.0	342.4	346.5	350.0	352.7	356.2	358.9	361.7	365.8	370.7	374.8
27.5°	354.1	358.3	363.1	367.2	371.3	376.2	380.3	384.4	394.1	404.4	414.1
30°	369.3	375.5	381.0	387.2	391.3	396.2	400.3	404.4	419.6	434.0	449.2
32.5°	380.3	388.6	396.8	405.1	411.3	416.8	423.0	428.5	448.5	468.5	488.5
35°	390.6	400.3	409.2	418.2	427.2	436.1	445.1	454.0	478.8	502.9	527.7
37.5°	402.4	412.0	421.0	429.9	442.3	454.7	467.1	479.5	509.1	538.8	568.4
40°	415.4	425.1	434.0	443.7	458.2	472.6	486.4	500.9	539.5	578.0	615.9
42.5°	424.4	435.4	445.8	456.1	473.3	490.5	507.8	525.0	573.2	620.7	669.0
45°	435.4	446.4	458.2	469.2	491.2	512.6	534.6	556.0	613.2	671.0	728.2
47.5°	443.7	456.1	467.8	479.5	507.1	534.6	561.5	589.1	657.3	725.5	793.0
50°	449.9	461.6	474.0	485.7	518.1	550.5	582.2	614.5	694.5	774.4	853.6
52.5°	454.0	467.1	479.5	491.9	529.1	566.3	603.5	640.7	728.9	817.8	906.0
55°	452.0	465.0	478.8	491.9	535.3	579.4	622.8	666.2	761.3	857.1	952.1
57.5°	438.2	452.0	466.4	480.2	528.4	576.7	624.9	673.1	775.1	876.4	978.3
60°	416.8	432.0	446.4	461.6	514.0	565.6	618.0	669.7	773.7	877.7	981.1
62.5°	394.8	409.9	425.1	440.2	496.7	553.9	610.4	666.9	772.3	877.7	982.5
65°	370.0	383.1	396.8	409.9	468.5	527.1	585.6	644.2	748.9	853.6	958.3
67.5°	338.3	351.4	364.5	377.5	437.5	497.4	556.7	616.6	713.8	810.9	907.4
70°	302.5	316.9	331.4	345.9	405.1	463.7	522.9	581.5	669.7	757.2	845.3
72.5°	263.2	278.3	292.8	307.3	363.8	421.0	477.4	533.9	614.5	694.5	775.1
75°	220.5	234.2	248.0	261.8	312.8	363.1	414.1	464.4	537.4	611.1	684.1
77.5°	175.7	187.4	199.1	210.8	254.2	296.9	340.3	383.1	443.7	503.6	564.3
80°	130.2	140.5	150.9	161.2	194.3	227.4	260.4	293.5	341.0	388.6	435.4
82.5°	87.5	95.1	102.7	110.2	133.0	155.7	177.8	200.5	234.2	268.7	302.5
85°	49.6	53.7	57.2	60.6	71.0	80.6	90.9	100.6	117.1	134.3	150.9
87.5°	22.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	23.4	23.4	24.1
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: P1445203

CATALOG NUMBER: TPTN-VA2-750-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: P1445203

CATALOG NUMBER: TPTN-VA2-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5
2.5°	297.6	296.9	296.3	295.6	294.9	294.9	294.2	294.2	293.5	292.8	292.8
5°	284.5	283.2	281.8	279.7	278.3	277.0	276.3	274.9	273.5	273.5	272.8
7.5°	270.8	268.0	265.2	262.5	259.7	257.0	254.9	252.2	249.4	248.7	247.3
10°	255.6	251.5	247.3	242.5	238.4	234.2	230.1	225.3	221.2	218.4	216.3
12.5°	254.9	250.8	246.6	242.5	238.4	234.2	230.1	225.3	221.2	218.4	215.0
15°	262.5	259.0	255.6	251.5	248.0	244.6	241.1	237.0	233.6	230.8	227.4
17.5°	277.0	274.9	272.8	270.1	268.0	265.9	263.9	261.8	259.7	257.7	256.3
20°	301.8	301.8	301.8	301.8	301.8	303.8	305.9	307.3	309.3	311.4	312.8
22.5°	337.6	341.7	345.2	349.3	352.7	361.7	370.0	378.9	387.2	394.8	403.0
25°	378.9	390.6	402.4	413.4	425.1	445.1	465.0	484.3	504.3	520.2	536.0
27.5°	423.7	443.7	463.7	483.0	502.9	531.9	561.5	590.4	619.4	638.7	658.6
30°	463.7	490.5	517.4	543.6	570.5	605.6	641.4	676.6	711.7	732.4	753.0
32.5°	508.4	542.2	576.7	610.4	644.2	682.1	720.0	757.9	795.7	817.1	837.8
35°	551.9	594.6	637.3	679.3	722.0	762.7	804.0	844.7	885.3	907.4	929.4
37.5°	598.0	650.4	702.7	755.1	807.5	851.6	895.0	939.0	982.5	1003.8	1024.5
40°	654.5	714.4	775.1	835.0	895.0	942.5	990.0	1037.6	1085.1	1106.5	1128.5
42.5°	716.5	784.7	852.2	920.4	988.0	1039.6	1092.0	1143.7	1195.3	1216.7	1238.1
45°	785.4	862.6	940.4	1017.6	1094.8	1148.5	1202.2	1255.3	1309.0	1331.8	1353.8
47.5°	861.2	945.2	1029.3	1112.7	1196.7	1254.6	1313.2	1371.0	1428.9	1454.4	1480.6
50°	933.5	1025.2	1116.8	1208.4	1300.1	1360.7	1421.3	1481.9	1542.6	1566.7	1590.1
52.5°	994.2	1096.1	1198.8	1300.7	1402.7	1462.7	1523.3	1583.2	1643.2	1671.4	1700.3
55°	1047.2	1149.9	1253.2	1355.9	1458.5	1524.0	1590.1	1655.6	1721.0	1747.9	1775.4
57.5°	1079.6	1184.3	1288.3	1393.1	1497.1	1560.5	1623.9	1687.3	1750.6	1777.5	1805.1
60°	1085.1	1191.2	1297.3	1402.7	1508.8	1568.1	1626.6	1685.9	1744.4	1777.5	1810.6
62.5°	1087.9	1185.7	1283.5	1381.4	1479.2	1548.8	1618.4	1687.9	1757.5	1790.6	1824.4
65°	1063.1	1160.9	1258.0	1355.9	1453.0	1519.1	1584.6	1650.7	1716.2	1736.9	1757.5
67.5°	1004.5	1105.1	1205.0	1305.6	1405.5	1453.7	1501.2	1549.5	1597.0	1623.9	1650.7
70°	932.8	1025.2	1118.2	1210.5	1302.8	1350.4	1398.6	1446.1	1493.7	1526.0	1559.1
72.5°	855.0	932.8	1011.4	1089.2	1167.1	1220.1	1273.2	1325.6	1378.6	1405.5	1432.3
75°	757.2	824.7	891.5	959.0	1025.9	1071.3	1116.1	1161.6	1206.4	1229.1	1251.8
77.5°	624.2	682.8	740.6	799.2	857.1	895.0	932.8	970.1	1007.9	1028.6	1048.6
80°	483.0	529.8	576.7	622.8	669.7	702.7	735.8	768.2	801.3	817.1	832.9
82.5°	336.2	369.3	402.4	435.4	468.5	494.0	519.5	545.0	570.5	581.5	593.2
85°	167.4	186.0	204.6	222.5	241.1	259.0	277.0	294.2	312.1	319.7	327.3
87.5°	24.1	25.5	26.9	27.6	28.9	30.3	32.4	33.8	35.1	39.3	43.4
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: P1445203

CATALOG NUMBER: TPTN-VA2-750-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: P1445203

CATALOG NUMBER: TPTN-VA2-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5
2.5°	292.1	291.4	291.4	291.4	291.4	291.4	292.1	292.8	292.8	293.5	294.2
5°	272.8	272.1	272.1	272.1	272.1	272.1	272.8	272.8	273.5	273.5	274.9
7.5°	246.6	245.3	244.6	243.9	244.6	245.3	246.6	247.3	248.7	249.4	252.2
10°	213.6	210.8	210.8	210.1	210.8	210.8	213.6	216.3	218.4	221.2	225.3
12.5°	212.2	208.8	208.1	206.7	208.1	208.8	212.2	215.0	218.4	221.2	225.3
15°	224.6	221.2	220.5	219.1	220.5	221.2	224.6	227.4	230.8	233.6	237.0
17.5°	254.2	252.2	252.8	253.5	252.8	252.2	254.2	256.3	257.7	259.7	261.8
20°	314.9	316.2	316.2	315.5	316.2	316.2	314.9	312.8	311.4	309.3	307.3
22.5°	410.6	418.2	421.6	424.4	421.6	418.2	410.6	403.0	394.8	387.2	378.9
25°	551.2	567.0	569.8	572.5	569.8	567.0	551.2	536.0	520.2	504.3	484.3
27.5°	677.9	697.2	702.0	706.2	702.0	697.2	677.9	658.0	638.7	619.4	590.4
30°	773.0	793.7	796.4	798.5	796.4	793.7	773.0	752.3	732.4	711.7	676.6
32.5°	859.1	879.8	881.9	883.9	881.9	879.8	858.4	837.8	817.1	795.7	757.9
35°	950.8	972.8	972.8	972.1	972.8	972.8	950.8	928.7	907.4	885.3	844.7
37.5°	1045.8	1066.5	1070.6	1074.1	1070.6	1066.5	1045.1	1024.5	1003.8	982.5	939.0
40°	1149.9	1171.2	1173.3	1174.7	1173.3	1171.2	1149.9	1127.8	1106.5	1085.1	1037.6
42.5°	1258.7	1280.1	1282.8	1285.6	1282.8	1280.1	1258.7	1237.4	1216.7	1195.3	1143.7
45°	1376.5	1398.6	1399.3	1399.3	1399.3	1398.6	1375.8	1353.8	1331.8	1309.0	1255.3
47.5°	1506.1	1531.6	1533.6	1535.7	1533.6	1531.6	1506.1	1479.9	1454.4	1428.9	1371.0
50°	1614.2	1637.6	1642.5	1646.6	1642.5	1637.6	1613.5	1590.1	1566.7	1542.6	1481.9
52.5°	1728.6	1756.8	1761.0	1765.1	1761.0	1756.8	1728.6	1699.7	1671.4	1643.2	1583.2
55°	1802.3	1829.2	1836.8	1843.6	1836.8	1829.2	1802.3	1774.8	1747.9	1721.0	1655.6
57.5°	1831.9	1858.8	1866.4	1873.3	1866.4	1858.8	1831.9	1804.4	1777.5	1750.6	1687.3
60°	1843.0	1876.0	1882.9	1889.8	1882.9	1876.0	1843.0	1809.9	1777.5	1744.4	1685.9
62.5°	1857.4	1890.5	1892.6	1893.9	1892.6	1890.5	1857.4	1823.7	1790.6	1757.5	1687.9
65°	1777.5	1798.2	1800.9	1803.0	1800.9	1798.2	1777.5	1756.8	1736.9	1716.2	1650.7
67.5°	1676.9	1703.8	1715.5	1726.5	1714.8	1703.8	1676.9	1650.1	1623.9	1597.0	1549.5
70°	1591.5	1623.9	1630.1	1635.6	1630.1	1623.9	1591.5	1558.4	1526.0	1493.7	1446.1
72.5°	1459.2	1486.1	1486.1	1486.1	1486.1	1486.1	1459.2	1432.3	1405.5	1378.6	1325.6
75°	1274.6	1297.3	1298.0	1298.7	1298.0	1297.3	1274.6	1251.8	1229.1	1206.4	1161.6
77.5°	1069.3	1089.2	1097.5	1105.1	1097.5	1089.2	1068.6	1048.6	1028.6	1007.9	970.1
80°	848.8	864.6	870.2	875.7	870.2	864.6	848.8	832.9	817.1	801.3	768.2
82.5°	604.2	615.2	618.0	620.7	618.0	615.2	604.2	593.2	581.5	570.5	545.0
85°	334.1	341.7	344.5	346.5	344.5	341.7	334.1	327.3	319.7	312.1	294.2
87.5°	46.8	51.0	48.9	46.8	48.9	51.0	46.8	43.4	39.3	35.1	33.8
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: P1445203

CATALOG NUMBER: TPTN-VA2-750-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: P1445203

CATALOG NUMBER: TPTN-VA2-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5
2.5°	294.2	294.9	294.9	295.6	296.3	296.9	297.6	298.3	299.0	299.0	299.7
5°	276.3	277.0	278.3	279.7	281.8	283.2	284.5	286.6	288.7	290.1	292.1
7.5°	254.9	257.0	259.7	262.5	265.2	268.0	270.8	273.5	276.3	278.3	281.1
10°	230.1	234.2	238.4	242.5	247.3	251.5	255.6	259.0	262.5	265.9	269.4
12.5°	230.1	234.2	238.4	242.5	246.6	250.8	254.9	258.4	261.8	265.2	268.7
15°	241.1	244.6	248.0	251.5	255.6	259.0	262.5	265.9	270.1	273.5	277.0
17.5°	263.9	265.9	268.0	270.1	272.8	274.9	277.0	280.4	284.5	288.0	291.4
20°	305.9	303.8	301.8	301.8	301.8	301.8	301.8	304.5	307.3	310.0	312.8
22.5°	370.0	361.7	352.7	349.3	345.2	341.7	337.6	337.6	337.6	336.9	336.9
25°	465.0	445.1	425.1	413.4	401.7	390.6	378.9	374.8	370.7	365.8	361.7
27.5°	561.5	531.9	502.9	483.0	463.0	443.7	423.7	414.1	404.4	394.1	384.4
30°	641.4	605.6	570.5	543.6	516.7	490.5	463.7	448.5	434.0	419.6	404.4
32.5°	720.0	682.1	644.2	610.4	576.0	542.2	508.4	488.5	468.5	448.5	428.5
35°	804.0	762.7	722.0	679.3	636.6	594.6	551.9	527.1	502.9	478.8	454.0
37.5°	895.0	851.6	807.5	755.1	702.7	650.4	598.0	568.4	538.8	509.1	479.5
40°	990.0	942.5	895.0	835.0	774.4	714.4	654.5	615.9	578.0	539.5	500.9
42.5°	1092.0	1039.6	988.0	919.8	852.2	784.0	716.5	668.3	620.7	573.2	525.0
45°	1202.2	1148.5	1094.8	1017.6	939.7	862.6	785.4	728.2	671.0	613.2	556.0
47.5°	1313.2	1254.6	1196.7	1112.7	1028.6	945.2	861.2	793.0	725.5	657.3	589.1
50°	1421.3	1360.7	1300.1	1208.4	1116.8	1025.2	933.5	853.6	774.4	694.5	614.5
52.5°	1523.3	1462.7	1402.7	1300.7	1198.1	1096.1	994.2	906.0	817.8	728.9	640.7
55°	1590.1	1524.0	1458.5	1355.9	1252.5	1149.9	1047.2	952.1	857.1	761.3	666.2
57.5°	1623.9	1560.5	1497.1	1392.4	1288.3	1183.6	1079.6	977.6	876.4	775.1	673.1
60°	1626.6	1568.1	1508.8	1402.7	1296.6	1191.2	1085.1	981.1	877.7	773.7	669.7
62.5°	1618.4	1548.8	1479.2	1381.4	1283.5	1185.7	1087.9	982.5	877.7	772.3	666.9
65°	1584.6	1519.1	1453.0	1355.2	1258.0	1160.2	1063.1	958.3	853.6	748.9	644.2
67.5°	1501.2	1453.7	1405.5	1304.9	1205.0	1104.4	1004.5	907.4	810.9	713.8	616.6
70°	1398.6	1350.4	1302.8	1210.5	1117.5	1025.2	932.8	844.7	757.2	669.7	581.5
72.5°	1273.2	1220.1	1167.1	1089.2	1010.7	932.8	855.0	774.4	694.5	614.5	533.9
75°	1116.1	1071.3	1025.9	958.3	891.5	824.0	757.2	684.1	611.1	537.4	464.4
77.5°	932.8	895.0	857.1	798.5	740.6	682.1	624.2	563.6	503.6	443.7	383.1
80°	735.8	702.7	669.7	622.8	576.0	529.8	483.0	435.4	388.6	341.0	293.5
82.5°	519.5	494.0	468.5	435.4	402.4	369.3	336.2	302.5	268.7	234.2	200.5
85°	277.0	259.0	241.1	222.5	203.9	186.0	167.4	150.9	134.3	117.1	100.6
87.5°	32.4	30.3	28.9	27.6	26.9	25.5	24.1	24.1	23.4	23.4	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: P1445203

CATALOG NUMBER: TPTN-VA2-750-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: P1445203

CATALOG NUMBER: TPTN-VA2-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5
2.5°	300.4	301.1	301.8	302.5	303.1	303.1	303.8	303.8	304.5	304.5	305.2
5°	294.2	295.6	297.6	299.0	300.4	301.8	302.5	303.8	304.5	305.9	306.6
7.5°	283.2	285.2	287.3	289.4	291.4	292.8	294.9	296.3	297.6	299.0	299.7
10°	272.1	274.9	277.0	279.7	281.8	283.2	285.2	286.6	288.0	289.4	290.7
12.5°	271.4	274.2	276.3	279.0	281.1	283.9	285.9	288.0	289.4	290.7	291.4
15°	280.4	283.2	286.6	289.4	291.4	293.5	295.6	297.6	299.0	299.7	301.1
17.5°	294.9	298.3	301.1	304.5	305.9	307.3	308.0	309.3	309.3	309.3	309.3
20°	314.9	316.9	319.0	321.1	320.4	319.7	318.3	317.6	316.2	314.9	313.5
22.5°	336.9	336.9	336.2	336.2	333.5	330.7	327.9	325.2	323.1	321.1	318.3
25°	358.9	356.2	352.7	350.0	346.5	342.4	339.0	334.8	332.1	330.0	327.3
27.5°	380.3	376.2	371.3	367.2	363.1	358.3	354.1	349.3	345.9	342.4	338.3
30°	400.3	396.2	391.3	387.2	381.0	375.5	369.3	363.1	357.6	352.1	345.9
32.5°	423.0	416.8	411.3	405.1	396.8	388.6	380.3	372.0	365.1	358.3	350.7
35°	445.1	436.1	427.2	418.2	409.2	400.3	390.6	381.7	374.1	366.5	358.9
37.5°	467.1	454.7	442.3	429.9	421.0	412.0	402.4	393.4	385.1	376.9	367.9
40°	486.4	472.6	458.2	443.7	434.0	425.1	415.4	405.8	396.2	386.5	376.9
42.5°	507.8	490.5	473.3	456.1	445.8	435.4	424.4	414.1	403.7	393.4	383.1
45°	534.6	512.6	491.2	469.2	458.2	446.4	435.4	423.7	412.7	402.4	391.3
47.5°	561.5	534.6	507.1	479.5	467.8	456.1	443.7	432.0	421.0	409.9	398.2
50°	582.2	550.5	518.1	485.7	474.0	461.6	449.9	437.5	425.8	414.1	401.7
52.5°	603.5	566.3	529.1	491.9	479.5	467.1	454.0	441.6	429.2	416.8	404.4
55°	622.8	579.4	535.3	491.9	478.8	465.0	452.0	438.2	425.8	412.7	400.3
57.5°	624.9	576.7	528.4	480.2	466.4	452.0	438.2	423.7	412.0	400.3	387.9
60°	618.0	565.6	514.0	461.6	446.4	432.0	416.8	401.7	392.0	383.1	373.4
62.5°	610.4	553.9	496.7	440.2	425.1	409.9	394.8	379.6	371.3	363.8	355.5
65°	585.6	527.1	468.5	409.9	396.8	383.1	370.0	356.2	347.2	338.3	328.6
67.5°	556.7	497.4	437.5	377.5	364.5	351.4	338.3	325.2	316.2	307.3	297.6
70°	522.9	463.7	405.1	345.9	331.4	316.9	302.5	288.0	280.4	273.5	265.9
72.5°	477.4	421.0	363.8	307.3	292.8	278.3	263.2	248.7	243.2	237.0	231.5
75°	414.1	363.1	312.8	261.8	248.0	234.2	220.5	206.7	202.6	198.4	193.6
77.5°	340.3	296.9	254.2	210.8	199.1	187.4	175.7	164.0	160.5	157.8	154.3
80°	260.4	227.4	194.3	161.2	150.9	140.5	130.2	119.9	117.8	115.1	113.0
82.5°	177.8	155.7	133.0	110.2	102.7	95.1	87.5	79.9	78.5	77.2	75.1
85°	90.9	80.6	71.0	60.6	57.2	53.7	49.6	46.2	44.8	44.1	42.7
87.5°	22.7	22.7	22.7	22.7	22.7	22.7	22.0	22.0	22.0	22.0	21.4
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: P1445203

CATALOG NUMBER: TPTN-VA2-750-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: P1445203

CATALOG NUMBER: TPTN-VA2-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5
2.5°	305.2	305.2	305.9	305.9	305.9	305.9	305.9	305.9	305.9	305.9	305.9
5°	307.3	308.0	308.0	308.7	308.7	308.7	308.7	308.7	308.7	308.7	308.0
7.5°	301.1	301.8	302.5	302.5	303.1	303.1	303.1	303.1	303.1	302.5	302.5
10°	292.1	292.8	293.5	293.5	294.2	294.9	295.6	294.9	294.2	293.5	293.5
12.5°	292.8	293.5	293.5	294.2	294.2	294.9	294.9	294.9	294.2	294.2	293.5
15°	301.8	301.8	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5
17.5°	309.3	308.7	308.7	308.0	307.3	307.3	307.3	307.3	307.3	308.0	308.7
20°	312.1	310.7	310.0	308.7	307.3	307.3	307.3	307.3	307.3	308.7	310.0
22.5°	316.2	314.9	312.8	311.4	309.3	309.3	308.7	309.3	309.3	311.4	312.8
25°	324.5	322.4	321.1	319.0	316.9	316.9	316.9	316.9	316.9	319.0	321.1
27.5°	334.8	332.8	330.7	327.9	325.9	325.2	324.5	325.2	325.9	327.9	330.7
30°	340.3	336.9	333.5	330.0	326.6	325.9	325.2	325.9	326.6	330.0	333.5
32.5°	343.8	339.7	336.2	332.1	327.9	327.3	325.9	327.3	327.9	332.1	336.2
35°	351.4	347.2	343.1	338.3	334.1	332.8	330.7	332.8	334.1	338.3	343.1
37.5°	359.6	354.8	350.0	344.5	339.7	337.6	335.5	337.6	339.7	344.5	350.0
40°	367.2	361.7	355.5	349.3	343.8	341.0	339.0	341.7	343.8	350.0	355.5
42.5°	372.7	366.5	361.0	354.8	348.6	345.9	343.1	345.9	348.6	354.8	361.0
45°	380.3	374.1	367.9	361.0	354.8	352.1	349.3	352.1	354.8	361.0	367.9
47.5°	387.2	380.3	373.4	365.8	358.9	356.2	354.1	356.9	358.9	365.8	373.4
50°	389.9	383.1	375.5	367.9	361.0	357.6	354.8	358.3	361.0	368.6	375.5
52.5°	392.0	384.4	376.2	367.9	360.3	356.9	353.4	356.9	360.3	368.6	376.2
55°	387.2	378.9	370.7	362.4	354.1	350.7	347.9	351.4	354.1	362.4	370.7
57.5°	376.2	369.3	361.7	354.1	347.2	343.8	340.3	343.8	347.2	354.8	361.7
60°	363.8	356.9	350.7	343.8	336.9	333.5	330.0	333.5	336.9	343.8	350.7
62.5°	347.2	339.7	332.8	325.2	317.6	312.8	308.7	313.5	317.6	325.2	332.8
65°	319.7	312.8	305.9	299.0	292.1	287.3	282.5	287.3	292.1	299.0	305.9
67.5°	288.7	283.2	277.6	271.4	265.9	261.8	257.7	261.8	265.9	271.4	277.6
70°	258.4	253.5	249.4	244.6	239.8	234.9	230.8	235.6	239.8	244.6	249.4
72.5°	225.3	221.2	216.3	211.5	207.4	202.6	198.4	203.2	207.4	212.2	216.3
75°	189.5	185.3	181.2	176.4	172.2	167.4	163.3	168.1	172.2	176.4	181.2
77.5°	150.9	146.7	142.6	137.8	133.7	129.5	125.4	129.5	133.7	137.8	142.6
80°	110.2	106.8	104.0	100.6	97.1	93.7	90.3	93.7	97.1	100.6	104.0
82.5°	73.7	70.3	67.5	64.1	60.6	56.5	52.4	56.5	60.6	64.1	67.5
85°	41.3	38.6	36.5	33.8	31.0	26.9	23.4	27.6	31.0	33.8	36.5
87.5°	21.4	18.6	16.5	13.8	11.0	7.6	4.8	8.3	11.0	13.8	16.5
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: P1445203

CATALOG NUMBER: TPTN-VA2-750-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: P1445203

CATALOG NUMBER: TPTN-VA2-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5
2.5°	305.2	305.2	305.2	304.5	304.5	303.8	303.8	303.1	303.1	302.5	301.8
5°	308.0	307.3	306.6	305.9	304.5	303.8	302.5	301.8	300.4	299.0	297.6
7.5°	301.8	301.1	299.7	299.0	297.6	296.3	294.9	292.8	291.4	289.4	287.3
10°	292.8	292.1	290.7	289.4	288.0	286.6	285.2	283.2	281.8	279.7	277.0
12.5°	293.5	292.8	291.4	290.7	289.4	288.0	285.9	283.9	281.1	279.0	276.3
15°	301.8	301.8	301.1	299.7	299.0	297.6	295.6	293.5	291.4	289.4	286.6
17.5°	308.7	309.3	309.3	309.3	309.3	309.3	308.0	307.3	305.9	304.5	301.1
20°	310.7	312.1	313.5	314.9	316.2	317.6	318.3	319.7	320.4	321.1	319.0
22.5°	314.9	316.2	318.3	321.1	323.1	325.2	327.9	330.7	333.5	336.2	336.2
25°	322.4	324.5	327.3	330.0	332.1	334.8	339.0	342.4	346.5	350.0	352.7
27.5°	332.8	334.8	338.3	342.4	345.9	349.3	354.1	358.3	363.1	367.2	371.3
30°	336.9	340.3	345.9	352.1	357.6	363.1	369.3	375.5	381.0	387.2	391.3
32.5°	339.7	343.8	350.7	358.3	365.1	372.0	380.3	388.6	396.8	405.1	411.3
35°	347.2	351.4	358.9	366.5	374.1	381.7	390.6	400.3	409.2	418.2	427.2
37.5°	354.8	359.6	367.9	376.9	385.1	393.4	402.4	412.0	421.0	429.9	442.3
40°	361.7	367.2	376.9	386.5	396.2	405.8	415.4	425.1	434.0	443.7	458.2
42.5°	366.5	372.7	383.1	393.4	403.7	414.1	424.4	435.4	445.8	456.1	473.3
45°	374.1	380.3	391.3	402.4	412.7	423.7	435.4	446.4	458.2	469.2	491.2
47.5°	380.3	387.2	398.2	409.9	421.0	432.0	443.7	456.1	467.8	479.5	507.1
50°	383.1	389.9	401.7	414.1	425.8	437.5	449.9	461.6	474.0	485.7	518.1
52.5°	384.4	392.0	404.4	416.8	429.2	441.6	454.0	467.1	479.5	491.9	529.1
55°	378.9	387.2	400.3	412.7	425.8	438.2	452.0	465.0	478.8	491.9	535.3
57.5°	369.3	376.2	387.9	400.3	412.0	423.7	438.2	452.0	466.4	480.2	528.4
60°	356.9	363.8	373.4	383.1	392.0	401.7	416.8	432.0	446.4	461.6	514.0
62.5°	339.7	347.2	355.5	363.8	371.3	379.6	394.8	409.9	425.1	440.2	496.7
65°	312.8	319.7	328.6	338.3	347.2	356.2	370.0	383.1	396.8	409.9	468.5
67.5°	283.2	288.7	297.6	307.3	316.2	325.2	338.3	351.4	364.5	377.5	437.5
70°	253.5	258.4	265.9	273.5	280.4	288.0	302.5	316.9	331.4	345.9	405.1
72.5°	221.2	225.3	231.5	237.0	243.2	248.7	263.2	278.3	292.8	307.3	363.8
75°	185.3	189.5	193.6	198.4	202.6	206.7	220.5	234.2	248.0	261.8	312.8
77.5°	146.7	150.9	154.3	157.8	160.5	164.0	175.7	187.4	199.1	210.8	254.2
80°	106.8	110.2	113.0	115.1	117.8	119.9	130.2	140.5	150.9	161.2	194.3
82.5°	70.3	73.7	75.1	77.2	78.5	79.9	87.5	95.1	102.7	110.2	133.0
85°	38.6	41.3	42.7	44.1	44.8	46.2	49.6	53.7	57.2	60.6	71.0
87.5°	18.6	21.4	21.4	22.0	22.0	22.0	22.0	22.7	22.7	22.7	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: P1445203

CATALOG NUMBER: TPTN-VA2-750-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: P1445203

CATALOG NUMBER: TPTN-VA2-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5
2.5°	301.1	300.4	299.7	299.0	299.0	298.3	297.6	296.9	296.3	295.6	294.9
5°	295.6	294.2	292.1	290.1	288.7	286.6	284.5	283.2	281.8	279.7	278.3
7.5°	285.2	283.2	281.1	278.3	276.3	273.5	270.8	268.0	265.2	262.5	259.7
10°	274.9	272.1	269.4	265.9	262.5	259.0	255.6	251.5	247.3	242.5	238.4
12.5°	274.2	271.4	268.7	265.2	261.8	258.4	254.9	250.8	246.6	242.5	238.4
15°	283.2	280.4	277.0	273.5	270.1	265.9	262.5	259.0	255.6	251.5	248.0
17.5°	298.3	294.9	291.4	288.0	284.5	280.4	277.0	274.9	272.8	270.1	268.0
20°	316.9	314.9	312.8	310.0	307.3	304.5	301.8	301.8	301.8	301.8	301.8
22.5°	336.9	336.9	336.9	336.9	337.6	337.6	337.6	341.7	345.2	349.3	352.7
25°	356.2	358.9	361.7	365.8	370.7	374.8	378.9	390.6	402.4	413.4	425.1
27.5°	376.2	380.3	384.4	394.1	404.4	414.1	423.7	443.7	463.7	483.0	502.9
30°	396.2	400.3	404.4	419.6	434.0	449.2	463.7	490.5	517.4	543.6	570.5
32.5°	416.8	423.0	428.5	448.5	468.5	488.5	508.4	542.2	576.7	610.4	644.2
35°	436.1	445.1	454.0	478.8	502.9	527.7	551.9	594.6	637.3	679.3	722.0
37.5°	454.7	467.1	479.5	509.1	538.8	568.4	598.0	650.4	702.7	755.1	807.5
40°	472.6	486.4	500.9	539.5	578.0	615.9	654.5	714.4	775.1	835.0	895.0
42.5°	490.5	507.8	525.0	573.2	620.7	669.0	716.5	784.7	852.2	920.4	988.0
45°	512.6	534.6	556.0	613.2	671.0	728.2	785.4	862.6	940.4	1017.6	1094.8
47.5°	534.6	561.5	589.1	657.3	725.5	793.0	861.2	945.2	1029.3	1112.7	1196.7
50°	550.5	582.2	614.5	694.5	774.4	853.6	933.5	1025.2	1116.8	1208.4	1300.1
52.5°	566.3	603.5	640.7	728.9	817.8	906.0	994.2	1096.1	1198.8	1300.7	1402.7
55°	579.4	622.8	666.2	761.3	857.1	952.1	1047.2	1149.9	1253.2	1355.9	1458.5
57.5°	576.7	624.9	673.1	775.1	876.4	978.3	1079.6	1184.3	1288.3	1393.1	1497.1
60°	565.6	618.0	669.7	773.7	877.7	981.1	1085.1	1191.2	1297.3	1402.7	1508.8
62.5°	553.9	610.4	666.9	772.3	877.7	982.5	1087.9	1185.7	1283.5	1381.4	1479.2
65°	527.1	585.6	644.2	748.9	853.6	958.3	1063.1	1160.9	1258.0	1355.9	1453.0
67.5°	497.4	556.7	616.6	713.8	810.9	907.4	1004.5	1105.1	1205.0	1305.6	1405.5
70°	463.7	522.9	581.5	669.7	757.2	845.3	932.8	1025.2	1118.2	1210.5	1302.8
72.5°	421.0	477.4	533.9	614.5	694.5	775.1	855.0	932.8	1011.4	1089.2	1167.1
75°	363.1	414.1	464.4	537.4	611.1	684.1	757.2	824.7	891.5	959.0	1025.9
77.5°	296.9	340.3	383.1	443.7	503.6	564.3	624.2	682.8	740.6	799.2	857.1
80°	227.4	260.4	293.5	341.0	388.6	435.4	483.0	529.8	576.7	622.8	669.7
82.5°	155.7	177.8	200.5	234.2	268.7	302.5	336.2	369.3	402.4	435.4	468.5
85°	80.6	90.9	100.6	117.1	134.3	150.9	167.4	186.0	204.6	222.5	241.1
87.5°	22.7	22.7	22.7	23.4	23.4	24.1	24.1	25.5	26.9	27.6	28.9
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: P1445203

CATALOG NUMBER: TPTN-VA2-750-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: P1445203

CATALOG NUMBER: TPTN-VA2-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5
2.5°	294.9	294.2	294.2	293.5	292.8	292.8	292.1	291.4	291.4	291.4	291.4
5°	277.0	276.3	274.9	273.5	273.5	272.8	272.8	272.1	272.1	272.1	272.1
7.5°	257.0	254.9	252.2	249.4	248.7	247.3	246.6	245.3	244.6	243.9	244.6
10°	234.2	230.1	225.3	221.2	218.4	216.3	213.6	210.8	210.8	210.1	210.8
12.5°	234.2	230.1	225.3	221.2	218.4	215.0	212.2	208.8	208.1	206.7	208.1
15°	244.6	241.1	237.0	233.6	230.8	227.4	224.6	221.2	220.5	219.1	220.5
17.5°	265.9	263.9	261.8	259.7	257.7	256.3	254.2	252.2	252.8	253.5	252.8
20°	303.8	305.9	307.3	309.3	310.7	312.8	314.2	316.2	316.2	315.5	316.2
22.5°	361.7	370.0	378.2	387.2	394.8	403.0	410.6	418.2	421.0	424.4	421.6
25°	445.1	465.0	484.3	504.3	520.2	536.0	551.2	567.0	569.8	572.5	569.8
27.5°	531.9	561.5	590.4	619.4	638.7	658.6	677.9	697.2	701.4	706.2	702.0
30°	605.6	641.4	676.6	711.7	732.4	753.0	773.0	793.7	795.7	798.5	796.4
32.5°	682.1	720.0	757.9	795.7	816.4	837.8	858.4	879.8	881.9	883.9	881.9
35°	762.7	804.0	844.7	885.3	907.4	929.4	950.8	972.8	972.8	972.1	972.8
37.5°	851.6	895.0	938.4	982.5	1003.1	1024.5	1045.1	1066.5	1069.9	1074.1	1070.6
40°	942.5	990.0	1037.6	1085.1	1106.5	1128.5	1149.9	1171.2	1172.6	1174.7	1173.3
42.5°	1039.6	1092.0	1143.7	1195.3	1216.7	1238.1	1258.7	1280.1	1282.8	1285.6	1282.8
45°	1148.5	1202.2	1255.3	1309.0	1331.1	1353.8	1375.8	1398.6	1399.3	1399.3	1399.3
47.5°	1254.6	1313.2	1371.0	1428.9	1454.4	1480.6	1506.1	1531.6	1533.6	1535.7	1533.6
50°	1360.7	1421.3	1481.9	1542.6	1566.0	1590.1	1613.5	1637.6	1641.8	1646.6	1642.5
52.5°	1462.7	1523.3	1583.2	1643.2	1671.4	1700.3	1728.6	1756.8	1761.0	1765.1	1761.0
55°	1524.0	1590.1	1655.6	1721.0	1747.9	1775.4	1802.3	1829.2	1836.1	1843.6	1836.8
57.5°	1560.5	1623.9	1687.3	1750.6	1777.5	1805.1	1831.9	1858.8	1865.7	1873.3	1866.4
60°	1568.1	1626.6	1685.2	1744.4	1777.5	1810.6	1843.0	1876.0	1882.9	1889.8	1882.9
62.5°	1548.8	1618.4	1687.9	1757.5	1790.6	1824.4	1857.4	1890.5	1891.9	1893.9	1892.6
65°	1519.1	1584.6	1650.1	1716.2	1736.9	1757.5	1777.5	1798.2	1800.2	1803.0	1800.9
67.5°	1453.7	1501.2	1548.8	1597.0	1623.9	1650.7	1676.9	1703.8	1714.8	1726.5	1715.5
70°	1350.4	1398.6	1446.1	1493.7	1526.0	1559.1	1591.5	1623.9	1629.4	1635.6	1630.1
72.5°	1220.1	1273.2	1325.6	1378.6	1405.5	1432.3	1459.2	1486.1	1486.1	1486.1	1486.1
75°	1071.3	1116.1	1160.9	1206.4	1229.1	1251.8	1274.6	1297.3	1298.0	1298.7	1298.0
77.5°	895.0	932.8	970.1	1007.9	1027.9	1048.6	1068.6	1089.2	1096.8	1105.1	1097.5
80°	702.7	735.8	768.2	801.3	817.1	832.9	848.8	864.6	870.2	875.7	870.2
82.5°	494.0	519.5	545.0	570.5	581.5	593.2	604.2	615.2	618.0	620.7	618.0
85°	259.0	277.0	294.2	312.1	319.7	327.3	334.1	341.7	343.8	346.5	344.5
87.5°	30.3	32.4	33.8	35.1	39.3	43.4	46.8	51.0	48.9	46.8	48.9
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: P1445203

CATALOG NUMBER: TPTN-VA2-750-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: P1445203

CATALOG NUMBER: TPTN-VA2-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5
2.5°	291.4	292.1	292.8	292.8	293.5	294.2	294.2	294.9	294.9	295.6	296.3
5°	272.1	272.8	272.8	273.5	273.5	274.9	276.3	277.0	278.3	279.7	281.8
7.5°	245.3	246.6	247.3	248.7	249.4	252.2	254.9	257.0	259.7	262.5	265.2
10°	210.8	213.6	216.3	218.4	221.2	225.3	230.1	234.2	238.4	242.5	247.3
12.5°	208.8	212.2	215.0	218.4	221.2	225.3	230.1	234.2	238.4	242.5	246.6
15°	221.2	224.6	227.4	230.8	233.6	237.0	241.1	244.6	248.0	251.5	255.6
17.5°	252.2	254.2	256.3	257.7	259.7	261.8	263.9	265.9	268.0	270.1	272.8
20°	316.2	314.2	312.8	310.7	309.3	307.3	305.9	303.8	301.8	301.8	301.8
22.5°	418.2	410.6	403.0	394.8	387.2	378.2	370.0	361.0	352.7	348.6	345.2
25°	567.0	551.2	536.0	520.2	504.3	484.3	465.0	445.1	425.1	413.4	402.4
27.5°	697.2	677.9	658.6	638.7	619.4	590.4	561.5	531.9	502.9	483.0	463.7
30°	793.7	773.0	753.0	732.4	711.7	676.6	641.4	605.6	570.5	543.6	517.4
32.5°	879.8	858.4	837.8	816.4	795.7	757.9	720.0	682.1	644.2	610.4	576.7
35°	972.8	950.8	929.4	907.4	885.3	844.7	804.0	762.7	722.0	679.3	637.3
37.5°	1066.5	1045.1	1024.5	1003.1	982.5	938.4	895.0	850.9	807.5	755.1	702.7
40°	1171.2	1149.9	1128.5	1106.5	1085.1	1037.6	990.0	942.5	895.0	835.0	775.1
42.5°	1280.1	1258.7	1238.1	1216.7	1195.3	1143.7	1092.0	1039.6	988.0	919.8	852.2
45°	1398.6	1375.8	1353.8	1331.1	1309.0	1255.3	1202.2	1148.5	1094.8	1017.6	940.4
47.5°	1531.6	1506.1	1480.6	1454.4	1428.9	1371.0	1313.2	1254.6	1196.7	1112.7	1029.3
50°	1637.6	1613.5	1590.1	1566.0	1542.6	1481.9	1421.3	1360.7	1300.1	1208.4	1116.8
52.5°	1756.8	1728.6	1700.3	1671.4	1643.2	1583.2	1523.3	1462.7	1402.7	1300.7	1198.8
55°	1829.2	1802.3	1775.4	1747.9	1721.0	1655.6	1590.1	1524.0	1458.5	1355.9	1253.2
57.5°	1858.8	1831.9	1805.1	1777.5	1750.6	1687.3	1623.9	1560.5	1497.1	1392.4	1288.3
60°	1876.0	1843.0	1810.6	1777.5	1744.4	1685.2	1626.6	1567.4	1508.8	1402.7	1297.3
62.5°	1890.5	1857.4	1824.4	1790.6	1757.5	1687.9	1618.4	1548.8	1479.2	1381.4	1283.5
65°	1798.2	1777.5	1757.5	1736.9	1716.2	1650.1	1584.6	1518.5	1453.0	1355.2	1258.0
67.5°	1703.8	1676.9	1650.7	1623.9	1597.0	1548.8	1501.2	1453.0	1405.5	1304.9	1205.0
70°	1623.9	1591.5	1559.1	1526.0	1493.7	1446.1	1398.6	1350.4	1302.8	1210.5	1118.2
72.5°	1486.1	1459.2	1432.3	1405.5	1378.6	1325.6	1273.2	1220.1	1167.1	1089.2	1011.4
75°	1297.3	1274.6	1251.8	1229.1	1206.4	1160.9	1116.1	1070.6	1025.9	958.3	891.5
77.5°	1089.2	1068.6	1048.6	1027.9	1007.9	970.1	932.8	895.0	857.1	798.5	740.6
80°	864.6	848.8	832.9	817.1	801.3	768.2	735.8	702.7	669.7	622.8	576.7
82.5°	615.2	604.2	593.2	581.5	570.5	545.0	519.5	494.0	468.5	435.4	402.4
85°	341.7	334.1	327.3	319.7	312.1	294.2	277.0	259.0	241.1	222.5	204.6
87.5°	51.0	46.8	43.4	39.3	35.1	33.8	32.4	30.3	28.9	27.6	26.9
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: P1445203

CATALOG NUMBER: TPTN-VA2-750-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: P1445203

CATALOG NUMBER: TPTN-VA2-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5
2.5°	296.9	297.6	298.3	299.0	299.0	299.7	300.4	301.1	301.8	302.5	303.1
5°	283.2	284.5	286.6	288.7	290.1	292.1	294.2	295.6	297.6	299.0	300.4
7.5°	268.0	270.8	273.5	276.3	278.3	281.1	283.2	285.2	287.3	289.4	291.4
10°	251.5	255.6	259.0	262.5	265.9	269.4	272.1	274.9	277.0	279.7	281.8
12.5°	250.8	254.9	258.4	261.8	265.2	268.7	271.4	274.2	276.3	279.0	281.1
15°	259.0	262.5	265.9	270.1	273.5	277.0	280.4	283.2	286.6	289.4	291.4
17.5°	274.9	277.0	280.4	284.5	288.0	291.4	294.9	298.3	301.1	304.5	305.9
20°	301.8	301.8	304.5	307.3	310.0	312.8	314.9	316.9	319.0	321.1	320.4
22.5°	341.7	337.6	337.6	337.6	336.9	336.9	336.9	336.9	336.2	336.2	333.5
25°	390.6	378.9	374.8	370.7	365.8	361.7	358.9	356.2	352.7	350.0	346.5
27.5°	443.7	423.7	414.1	404.4	394.1	384.4	380.3	376.2	371.3	367.2	363.1
30°	490.5	463.7	449.2	434.0	419.6	404.4	400.3	396.2	391.3	387.2	381.0
32.5°	542.2	508.4	488.5	468.5	448.5	428.5	423.0	416.8	411.3	405.1	396.8
35°	594.6	551.9	527.7	502.9	478.8	454.0	445.1	436.1	427.2	418.2	409.2
37.5°	650.4	598.0	568.4	538.8	509.1	479.5	467.1	454.7	442.3	429.9	421.0
40°	714.4	654.5	615.9	578.0	539.5	500.9	486.4	472.6	458.2	443.7	434.0
42.5°	784.7	716.5	669.0	620.7	573.2	525.0	507.8	490.5	473.3	456.1	445.8
45°	862.6	785.4	728.2	671.0	613.2	556.0	534.6	512.6	491.2	469.2	458.2
47.5°	945.2	861.2	793.0	725.5	657.3	589.1	561.5	534.6	507.1	479.5	467.8
50°	1025.2	933.5	853.6	774.4	694.5	614.5	582.2	550.5	518.1	485.7	474.0
52.5°	1096.1	994.2	906.0	817.8	728.9	640.7	603.5	566.3	529.1	491.9	479.5
55°	1149.9	1047.2	952.1	857.1	761.3	666.2	622.8	579.4	535.3	491.9	478.8
57.5°	1184.3	1079.6	978.3	876.4	775.1	673.1	624.9	576.7	528.4	480.2	466.4
60°	1191.2	1085.1	981.1	877.7	773.7	669.7	618.0	565.6	514.0	461.6	446.4
62.5°	1185.7	1087.9	982.5	877.7	772.3	666.9	610.4	553.9	496.7	440.2	425.1
65°	1160.9	1063.1	958.3	853.6	748.9	644.2	585.6	527.1	468.5	409.9	396.8
67.5°	1105.1	1004.5	907.4	810.9	713.8	616.6	556.7	497.4	437.5	377.5	364.5
70°	1025.2	932.8	845.3	757.2	669.7	581.5	522.9	463.7	405.1	345.9	331.4
72.5°	932.8	855.0	775.1	694.5	614.5	533.9	477.4	421.0	363.8	307.3	292.8
75°	824.7	757.2	684.1	611.1	537.4	464.4	414.1	363.1	312.8	261.8	248.0
77.5°	682.8	624.2	564.3	503.6	443.7	383.1	340.3	296.9	254.2	210.8	199.1
80°	529.8	483.0	435.4	388.6	341.0	293.5	260.4	227.4	194.3	161.2	150.9
82.5°	369.3	336.2	302.5	268.7	234.2	200.5	177.8	155.7	133.0	110.2	102.7
85°	186.0	167.4	150.9	134.3	117.1	100.6	90.9	80.6	71.0	60.6	57.2
87.5°	25.5	24.1	24.1	23.4	23.4	22.7	22.7	22.7	22.7	22.7	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: P1445203

CATALOG NUMBER: TPTN-VA2-750-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: P1445203

CATALOG NUMBER: TPTN-VA2-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5	302.5
2.5°	303.1	303.8	303.8	304.5	304.5	305.2	305.2	305.2	305.9	305.9	305.9
5°	301.1	302.5	303.8	304.5	305.9	306.6	307.3	308.0	308.0	308.7	308.7
7.5°	292.8	294.9	296.3	297.6	298.3	299.7	301.1	301.8	302.5	302.5	303.1
10°	283.2	285.2	286.6	288.0	289.4	290.7	292.1	292.8	293.5	293.5	294.2
12.5°	283.2	285.9	288.0	289.4	290.1	291.4	292.8	293.5	293.5	294.2	294.2
15°	293.5	295.6	297.6	299.0	299.7	301.1	301.8	301.8	302.5	302.5	302.5
17.5°	306.6	308.0	309.3	309.3	309.3	309.3	309.3	308.7	308.7	308.0	307.3
20°	319.7	318.3	317.6	316.2	314.9	313.5	312.1	310.7	310.0	308.7	307.3
22.5°	330.7	327.9	325.2	323.1	321.1	318.3	316.2	314.9	312.8	311.4	309.3
25°	342.4	339.0	334.8	332.1	330.0	327.3	324.5	322.4	321.1	319.0	316.9
27.5°	358.3	354.1	349.3	345.9	342.4	338.3	334.8	332.8	330.7	327.9	325.9
30°	375.5	369.3	363.1	357.6	352.1	345.9	340.3	336.9	333.5	330.0	326.6
32.5°	388.6	380.3	372.0	365.1	358.3	350.7	343.8	339.7	336.2	332.1	327.9
35°	400.3	390.6	381.7	374.1	366.5	358.9	351.4	347.2	343.1	338.3	334.1
37.5°	412.0	402.4	393.4	385.1	376.9	367.9	359.6	354.8	350.0	344.5	339.7
40°	425.1	415.4	405.8	396.2	386.5	376.9	367.2	361.7	355.5	350.0	343.8
42.5°	435.4	424.4	414.1	403.7	393.4	383.1	372.7	366.5	361.0	354.8	348.6
45°	446.4	435.4	423.7	412.7	402.4	391.3	380.3	374.1	367.9	361.0	354.8
47.5°	456.1	443.7	432.0	421.0	409.9	398.2	387.2	380.3	373.4	365.8	358.9
50°	461.6	449.9	437.5	425.8	414.1	401.7	389.9	383.1	375.5	368.6	361.0
52.5°	467.1	454.0	441.6	429.2	416.8	404.4	392.0	384.4	376.2	368.6	360.3
55°	465.0	452.0	438.2	425.8	412.7	400.3	387.2	378.9	370.7	362.4	354.1
57.5°	452.0	438.2	423.7	412.0	400.3	387.9	376.2	369.3	361.7	354.8	347.2
60°	432.0	416.8	401.7	392.0	383.1	373.4	363.8	356.9	350.7	343.8	336.9
62.5°	409.9	394.8	379.6	371.3	363.8	355.5	347.2	339.7	332.8	325.2	317.6
65°	383.1	370.0	356.2	347.2	338.3	328.6	319.7	312.8	305.9	299.0	292.1
67.5°	351.4	338.3	325.2	316.2	307.3	297.6	288.7	283.2	277.6	271.4	265.9
70°	316.9	302.5	288.0	280.4	273.5	265.9	258.4	253.5	249.4	244.6	239.8
72.5°	278.3	263.2	248.7	243.2	237.0	231.5	225.3	221.2	216.3	212.2	207.4
75°	234.2	220.5	206.7	202.6	198.4	193.6	189.5	185.3	181.2	176.4	172.2
77.5°	187.4	175.7	164.0	160.5	157.8	154.3	150.9	146.7	142.6	137.8	133.7
80°	140.5	130.2	119.9	117.8	115.1	113.0	110.2	106.8	104.0	100.6	97.1
82.5°	95.1	87.5	79.9	78.5	77.2	75.1	73.7	70.3	67.5	64.1	60.6
85°	53.7	49.6	46.2	44.8	44.1	42.7	41.3	38.6	36.5	33.8	31.0
87.5°	22.7	22.0	22.0	22.0	22.0	21.4	21.4	18.6	16.5	13.8	11.0
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: P1445203

CATALOG NUMBER: TPTN-VA2-750-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: P1445203

CATALOG NUMBER: TPTN-VA2-750-U-RW-GM

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	302.5	302.5
2.5°	305.9	305.9
5°	308.7	308.7
7.5°	303.1	303.1
10°	294.9	295.6
12.5°	294.9	294.9
15°	302.5	302.5
17.5°	307.3	307.3
20°	307.3	307.3
22.5°	309.3	308.7
25°	316.9	316.9
27.5°	325.2	324.5
30°	325.9	325.2
32.5°	327.3	325.9
35°	332.8	330.7
37.5°	337.6	335.5
40°	341.7	339.0
42.5°	345.9	343.1
45°	352.1	349.3
47.5°	356.9	354.1
50°	358.3	354.8
52.5°	356.9	353.4
55°	351.4	347.9
57.5°	343.8	340.3
60°	333.5	330.0
62.5°	313.5	308.7
65°	287.3	282.5
67.5°	261.8	257.7
70°	235.6	230.8
72.5°	203.2	198.4
75°	168.1	163.3
77.5°	129.5	125.4
80°	93.7	90.3
82.5°	56.5	52.4
85°	27.6	23.4
87.5°	8.3	4.8
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: P1445203

CATALOG NUMBER: TPTN-VA2-750-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

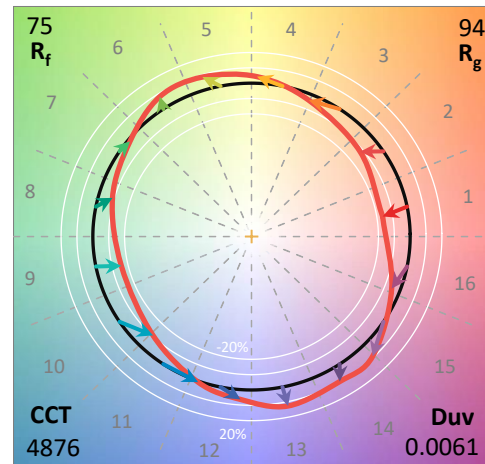
Data in this report applies to families of products including TTN-D0-750-U-WQ

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

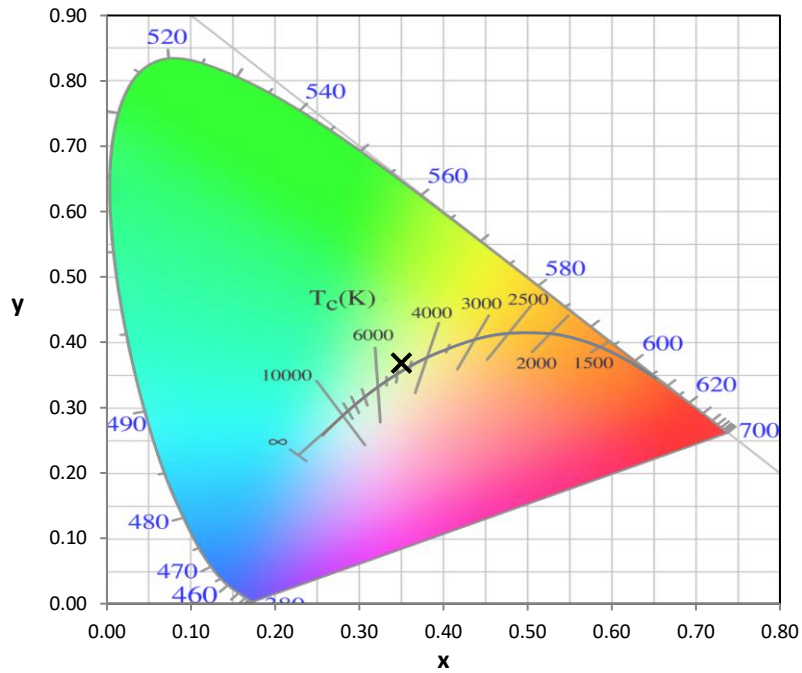
Stabilization Time: 51M
 Operation Time: 1H 51M
 Sphere Temperature (°C): 24.9

REPORT NUMBER: SP1-2411-284-3

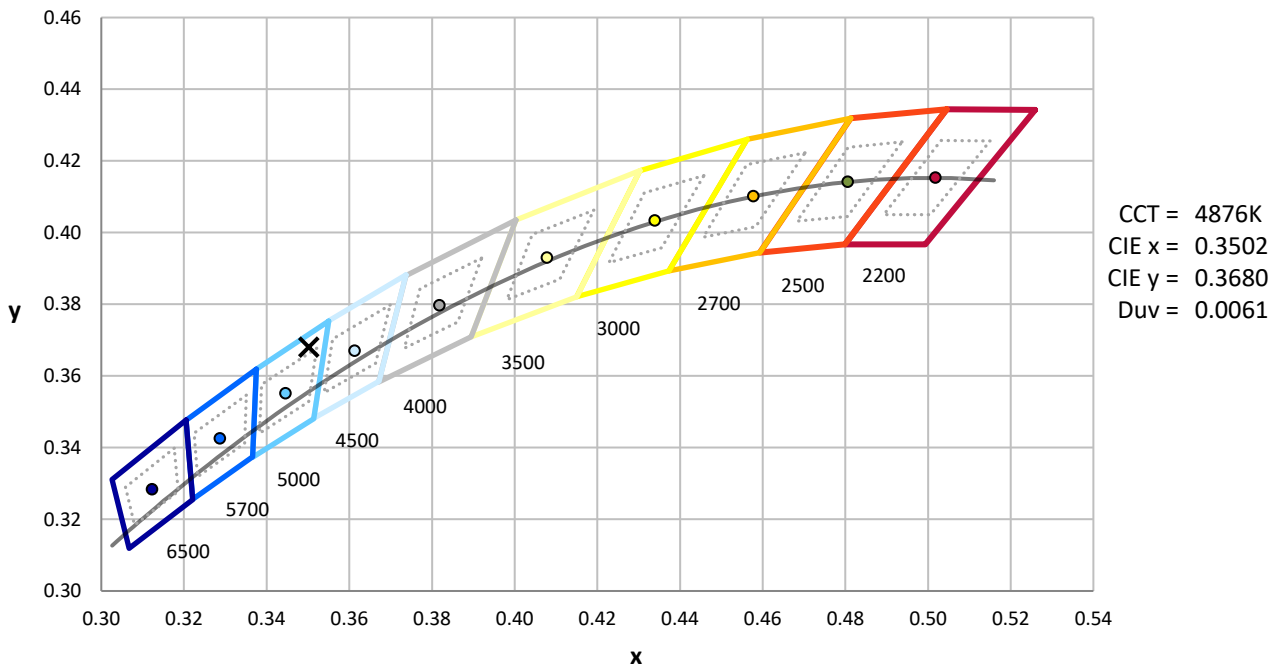
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2411-284-3

CIE 1931 Chromaticity Diagram



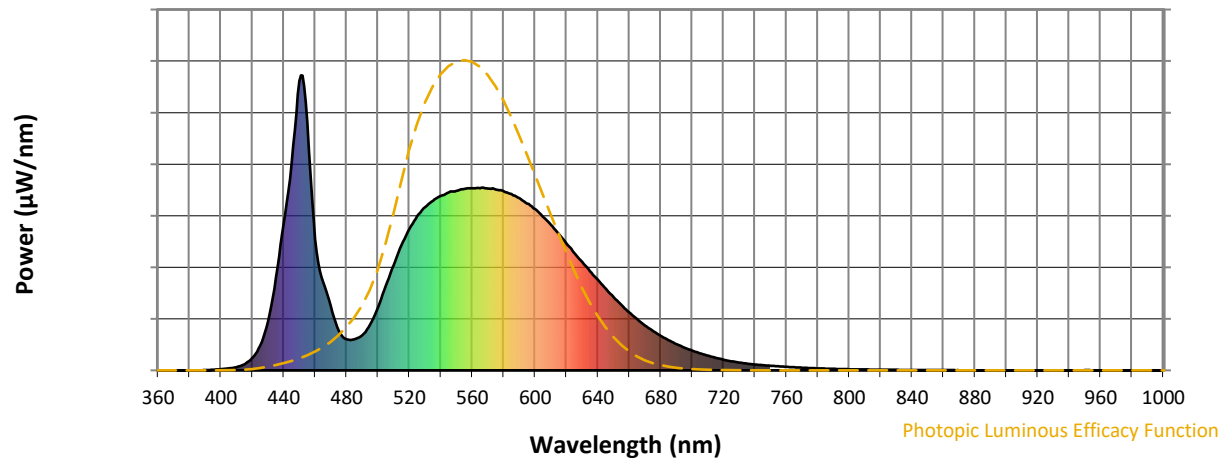
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2411-284-3

Photopic Flux vs. Wavelength

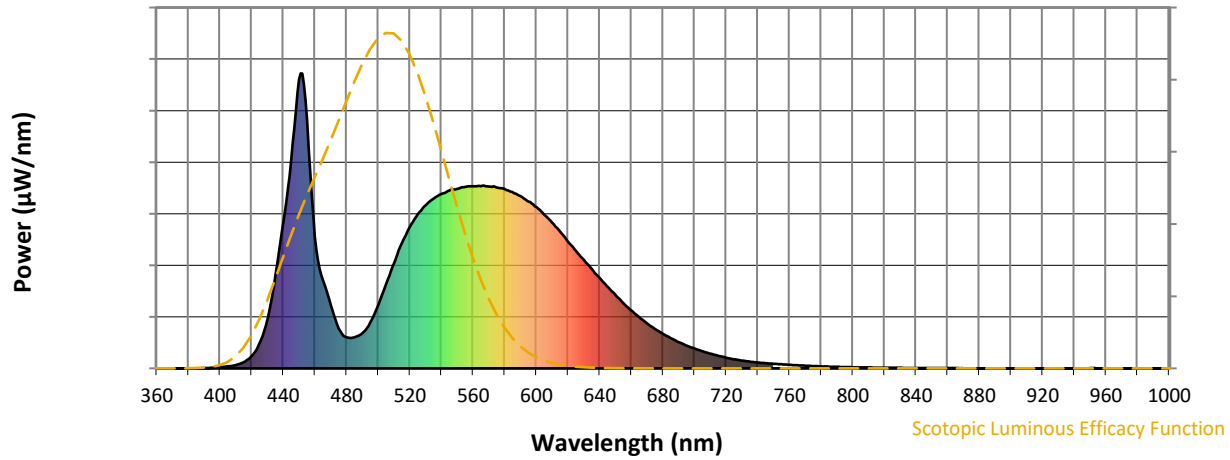


Photopic Lumens: NR

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

Scotopic Flux vs. Wavelength



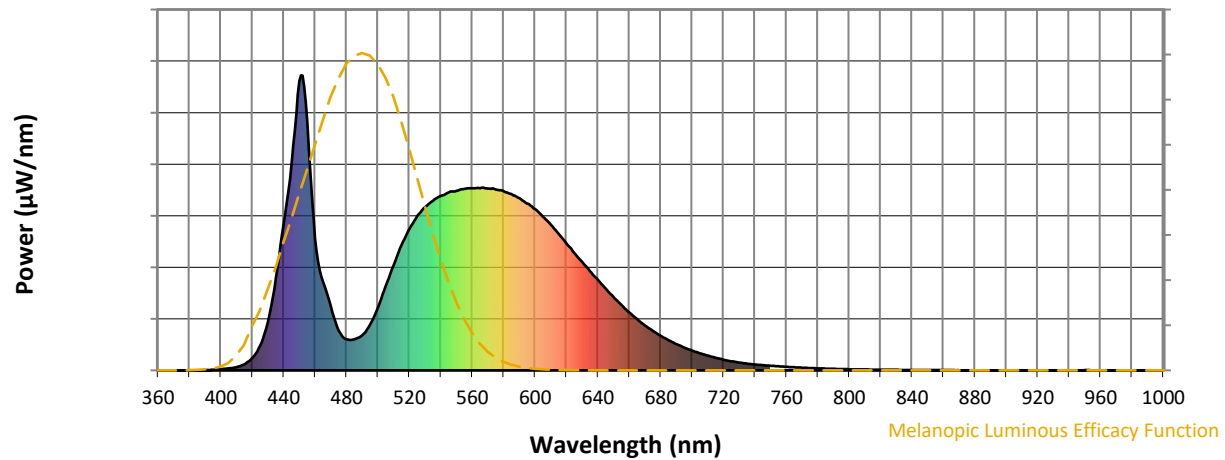
Scotopic Lumens: NR

S/P: 1.74

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

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.51

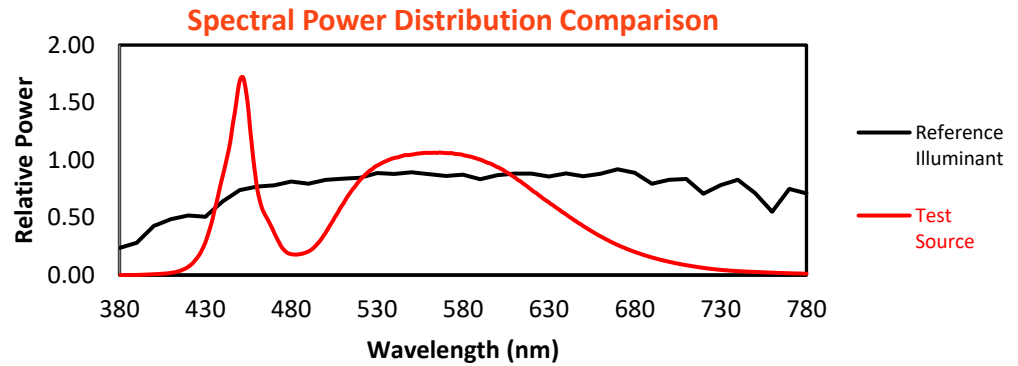
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	430	NR	750	16	NR	880	0	NR
365	0	NR	495	156	NR	625	398	NR	755	14	NR	885	0	NR
370	0	NR	500	214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

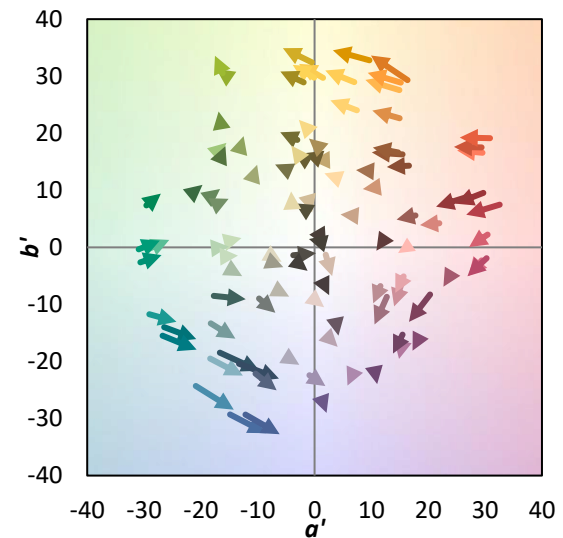
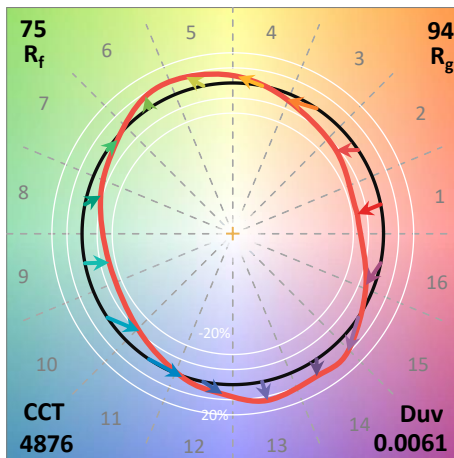
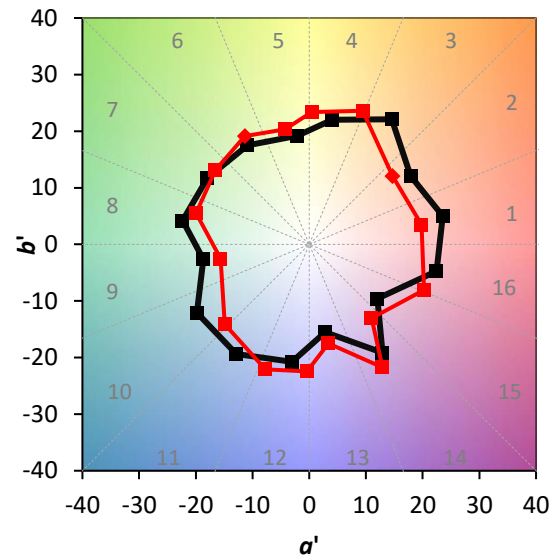
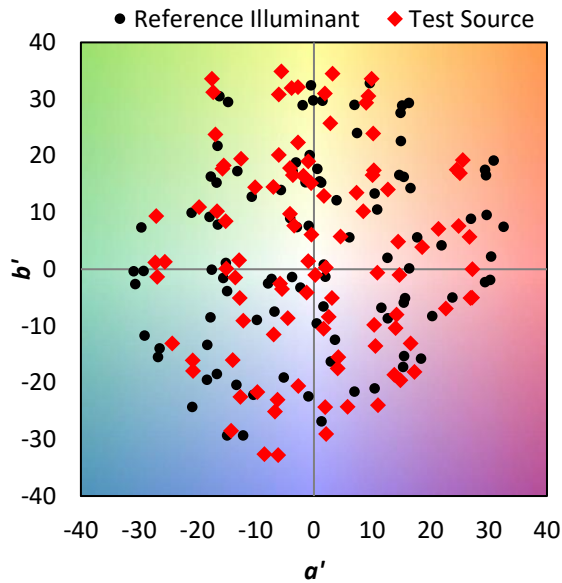
TM-30-18

Summary

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

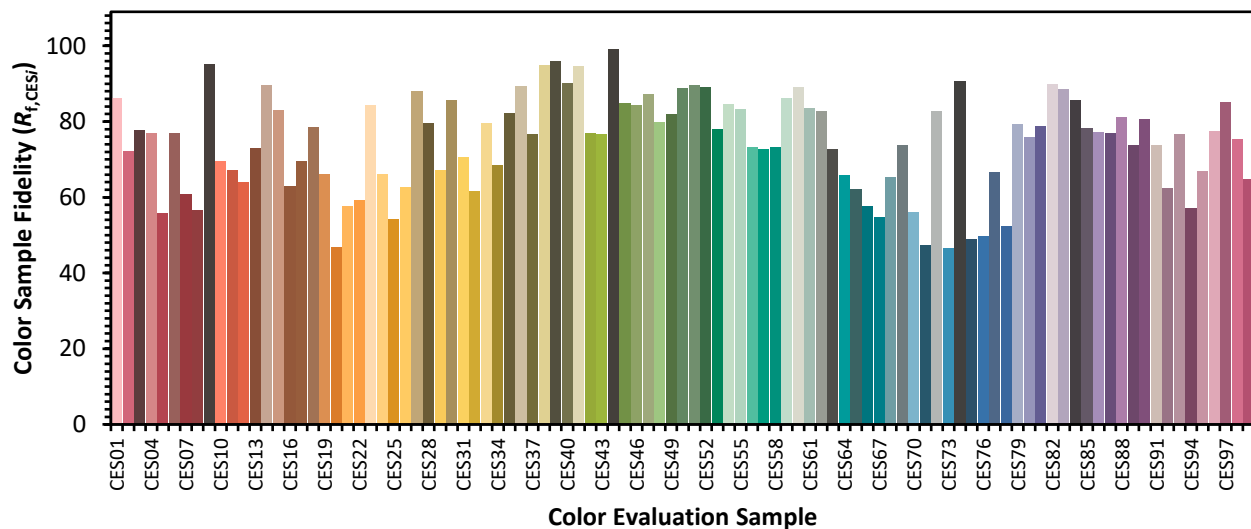


Color Vector Graphics

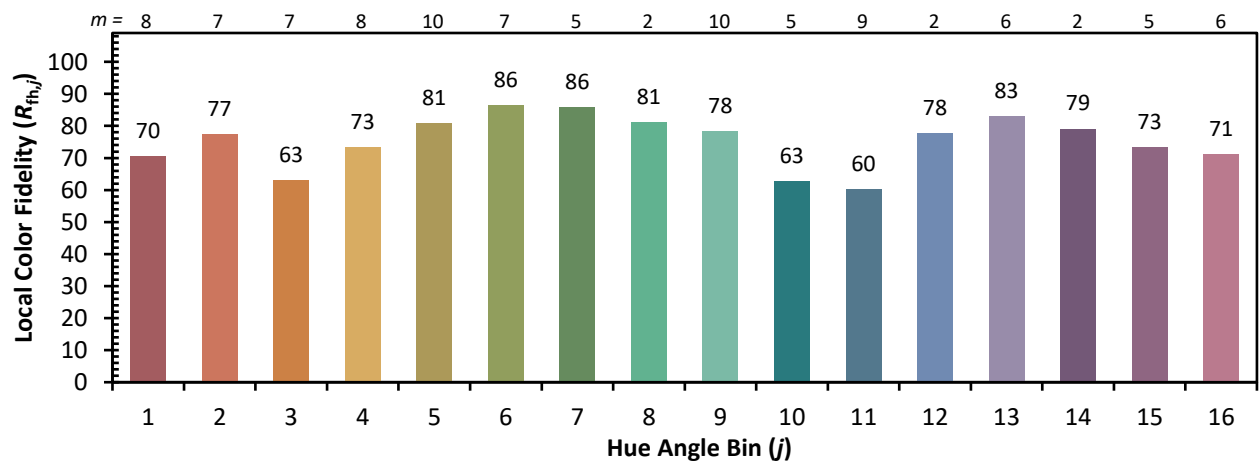
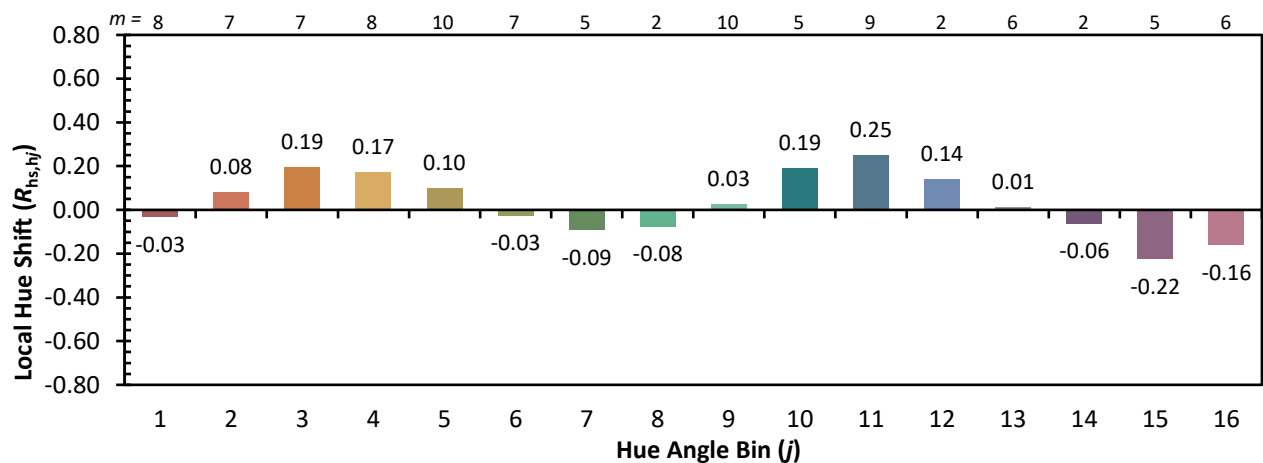
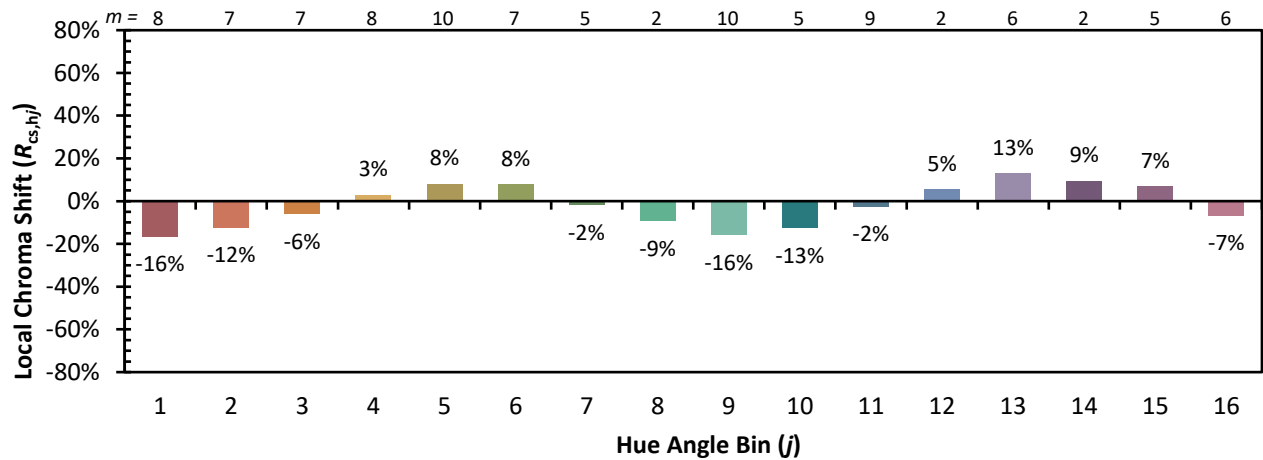


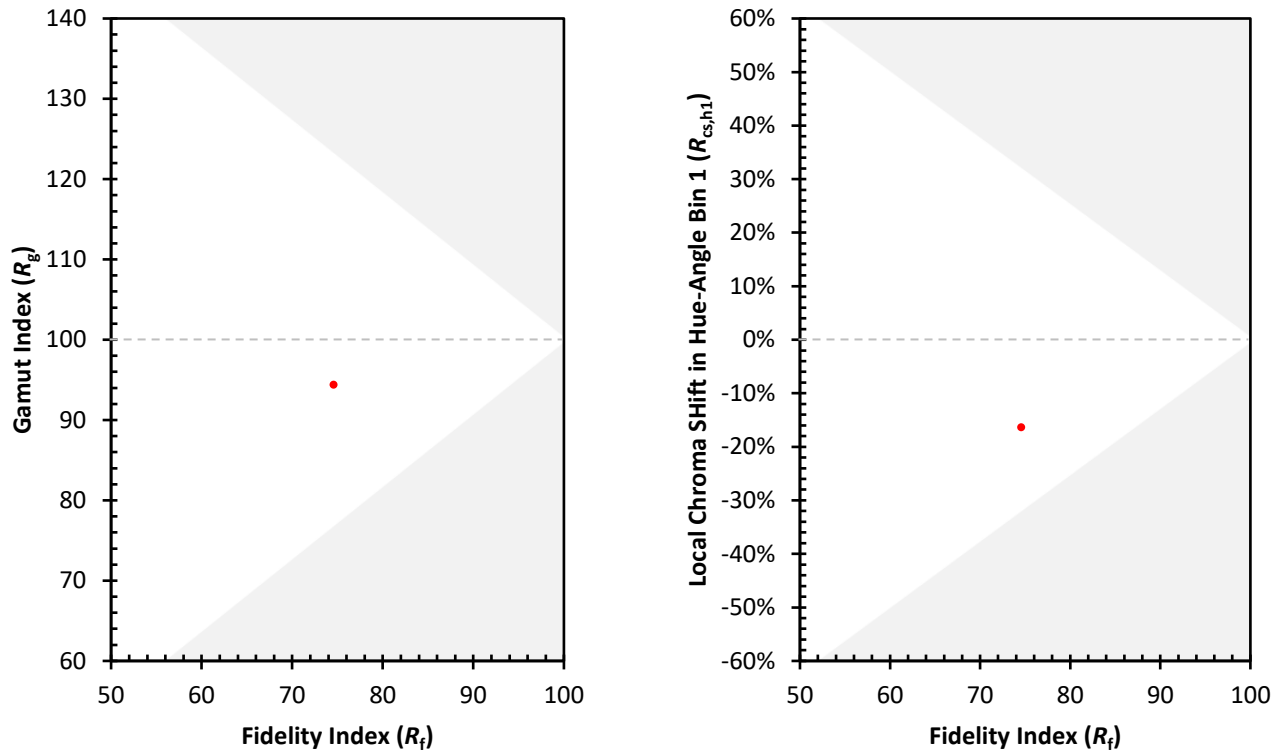
Individual Sample Fidelity Index ($R_{f,i}$)

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)