

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: P1445199

Luminaire Tested: TPTN-VA2-740-U-RW-GM

Issue Date: 05/21/2026

Test Information

Test Method: LM-79-2024
Report Number: P1445199
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: TPTN-VA2-740-U-RW-GM
Description: TOPTIER NANO SPIDER MOUNT VISUAL COMFORT LED LUMINAIRE 42W 70CRI 4000K w/
RECTANGULAR WIDE DISTRIBUTION OPTIC
Light Source: 4000K 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

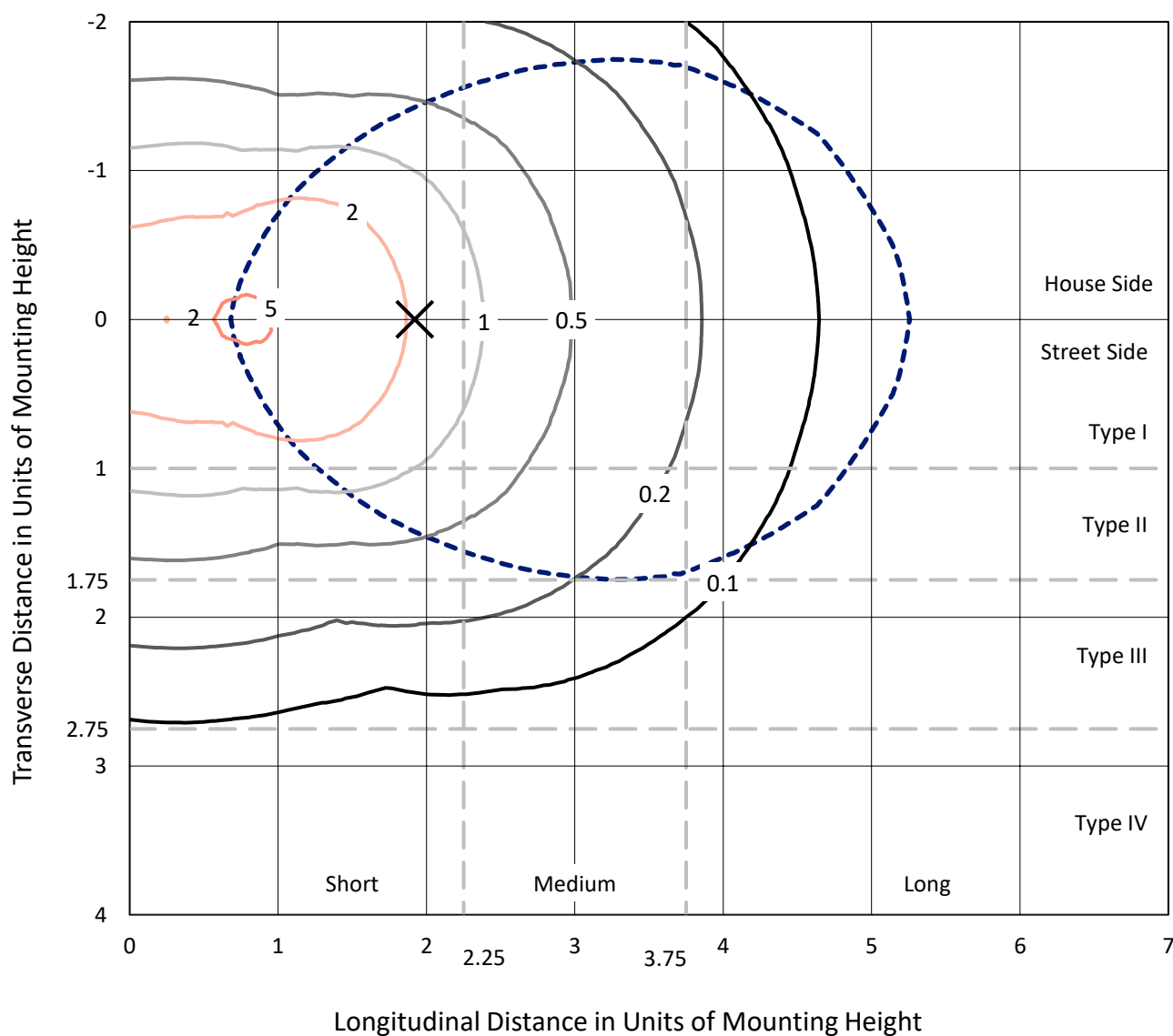
Input Watts (W): 42.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.98
Total Harmonic Distortion (THDi): 7.5%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

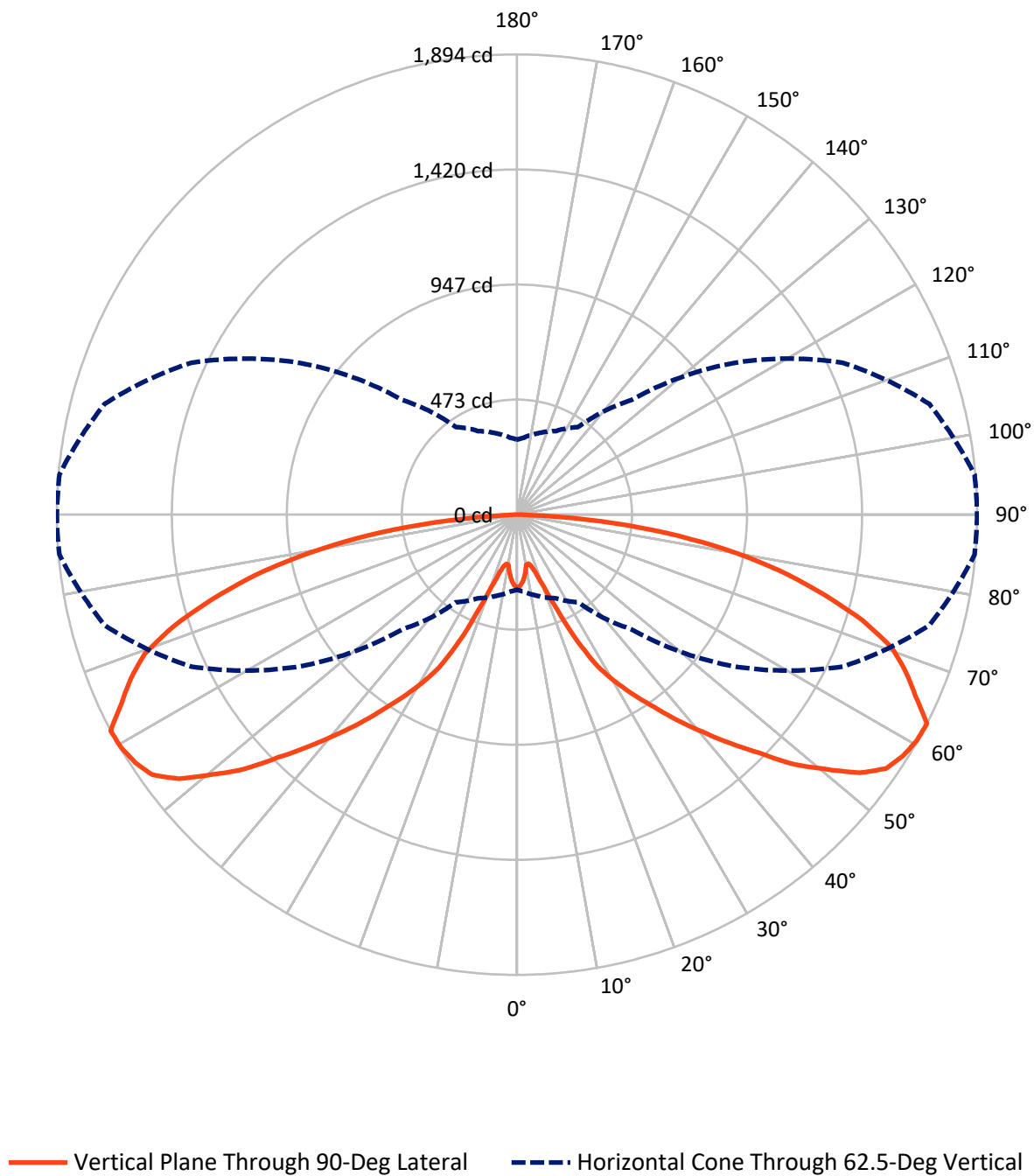


Based on 10 foot mounting height. Maximum calculated value = 5.4 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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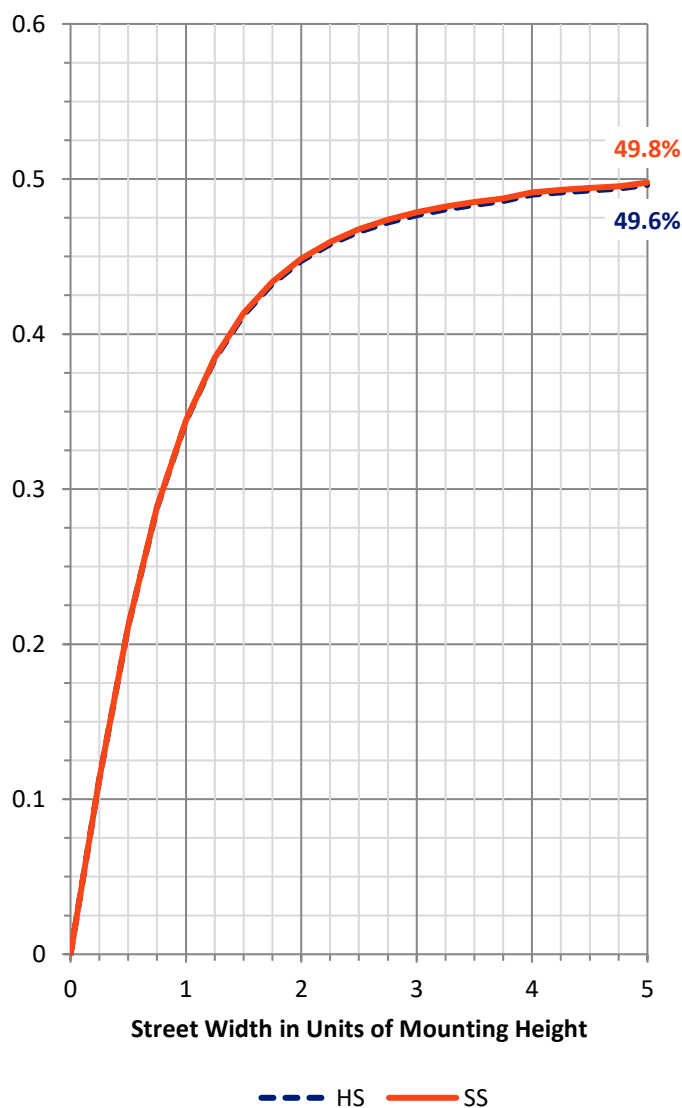
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	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



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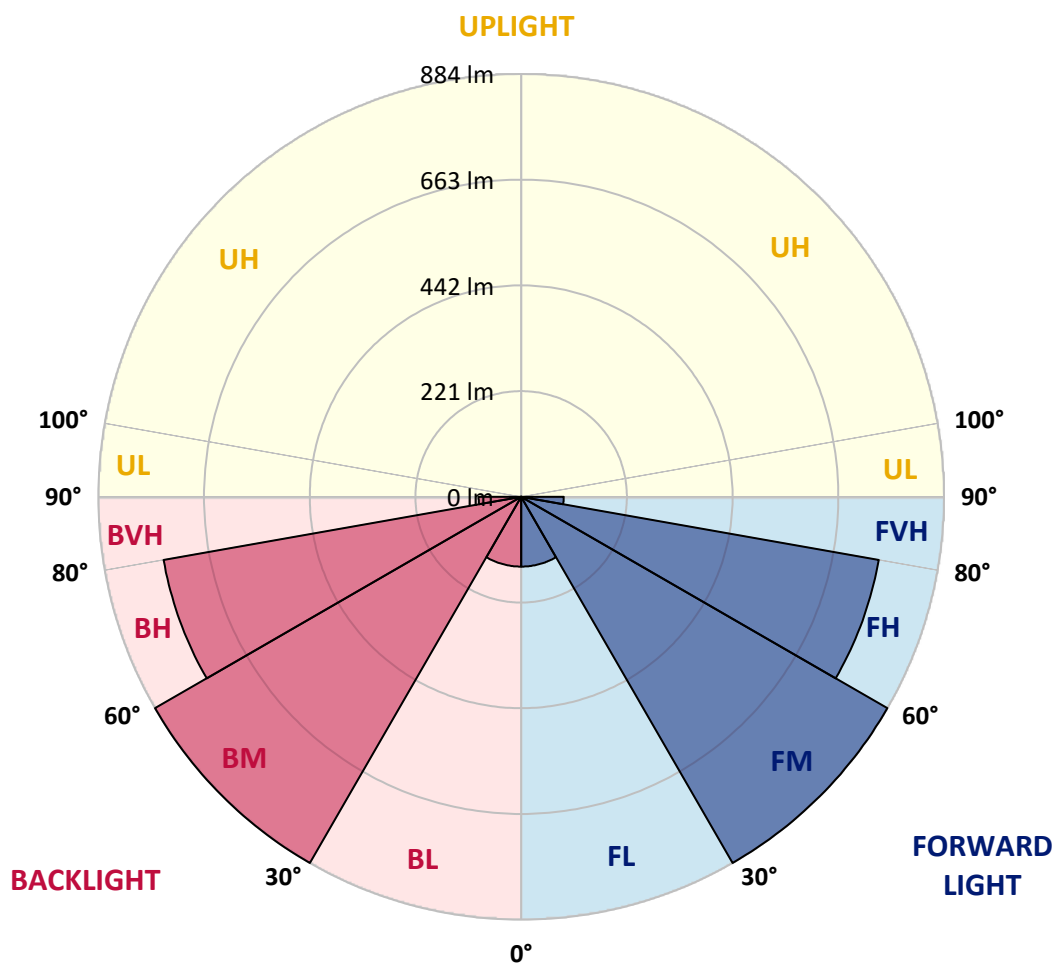
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

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



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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

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CATALOG NUMBER: TPTN-VA2-740-U-RW-GM

CANDELA DISTRIBUTION (continued):

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

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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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: P1445199

CATALOG NUMBER: TPTN-VA2-740-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: SP1-2411-284-2

Test Date: 11/20/2024

Luminaire Tested: TTN-D0-740-U-WQ

Data in this report applies to families of products including TTN-D0-740-U-WQ

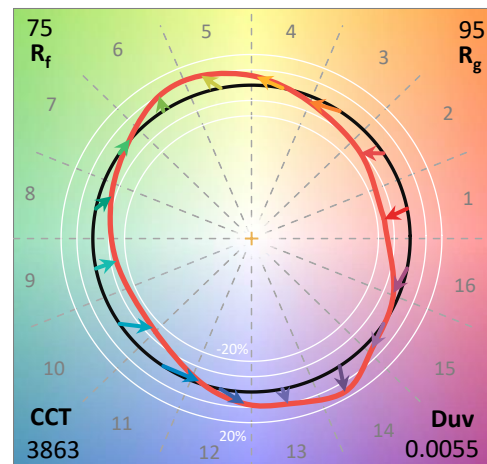
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2411-284-2
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 11/20/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: MCGRAW EDISON
 Catalog Number: **TTN-D0-740-U-WQ**
 Description: TOPTIER NANO LED PARKING GARAGE LUMINAIRE. 4000K, 70 CRI LEDS AND WIDE DISTRIBUTION

Spectral Parameters

CCT (K): 3863
 CIE u' : 0.2247
 CIE v' : 0.5111
 Duv: 0.0055
 CIE x: 0.3911
 CIE y: 0.3954
 CIE z: 0.2136
 Peak Wavelength (nm): 448
 Dominant Wavelength (nm): 577
 Purity: 36.03443
 Rf: 74.7
 Rg: 95.4

CRI (Ra): 71.9
 R1: 69.4
 R2: 76.9
 R3: 83.3
 R4: 72.7
 R5: 68.4
 R6: 67.5
 R7: 82.0
 R8: 55.3
 R9: -23.5
 R10: 45.4
 R11: 68.7
 R12: 38.7
 R13: 70.0
 R14: 90.3
 R15: 62.1



Test Conditions

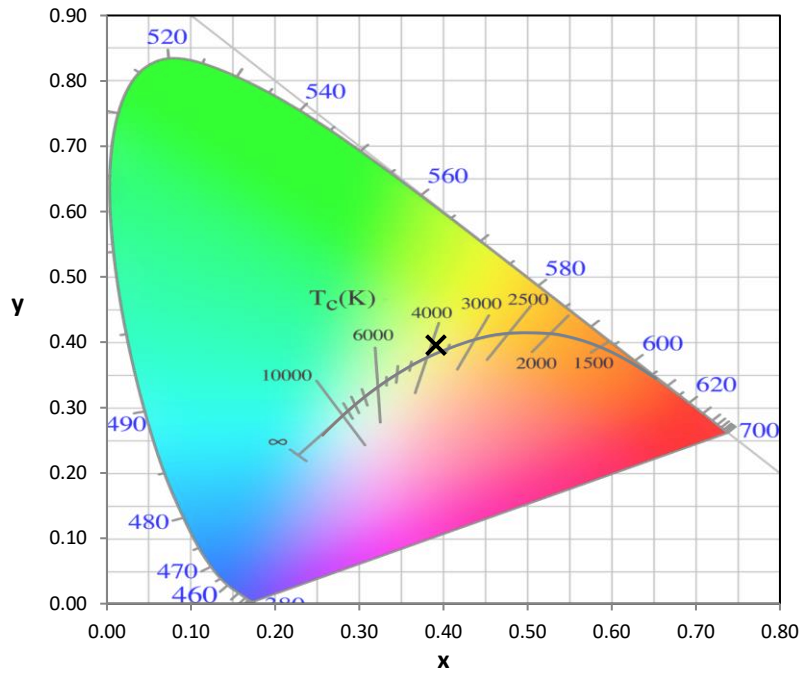
Stabilization Time: 37M
 Operation Time: 1H 37M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2411-284-2

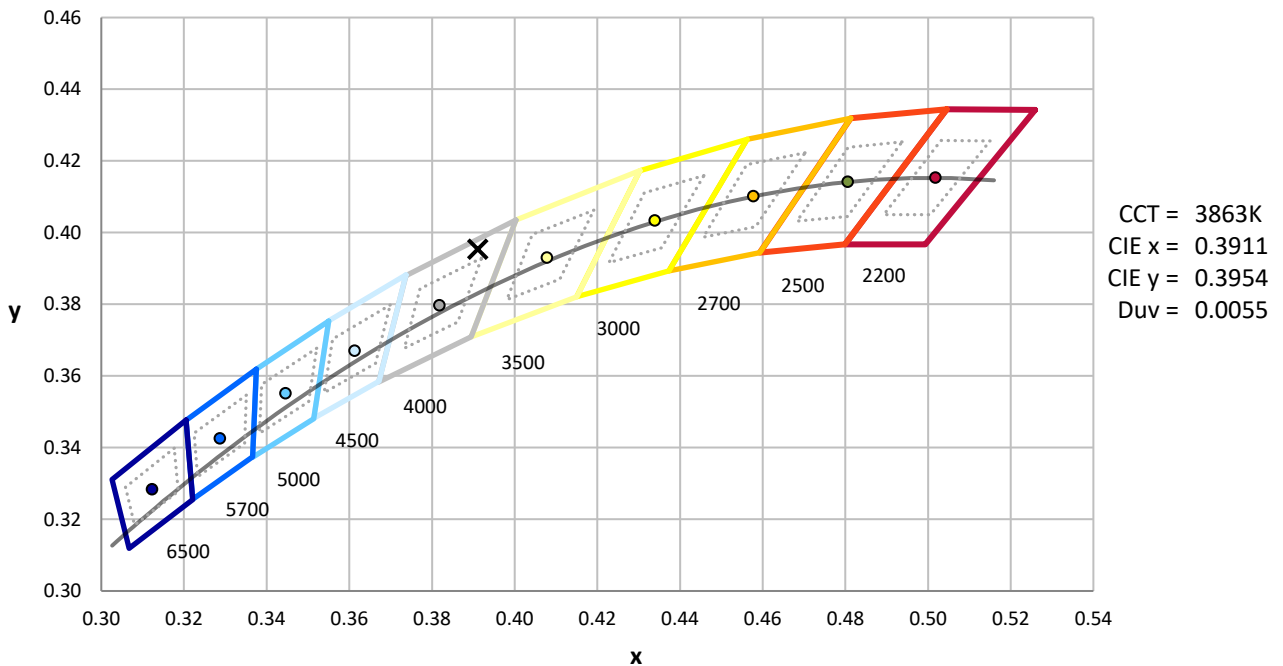
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/22/2024	10/22/2025
DC Power Source	IN0208	10/22/2024	10/22/2025
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



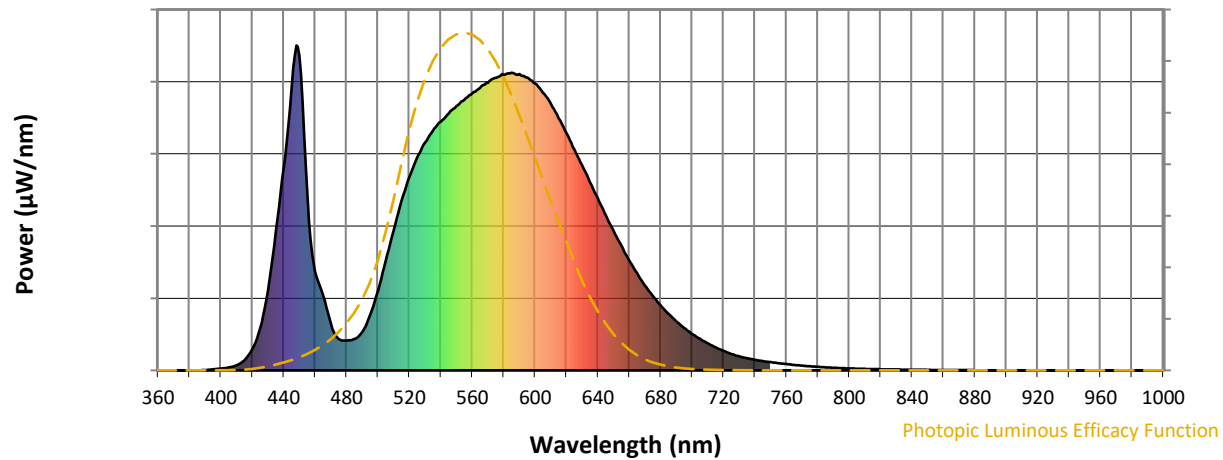
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 7-step quadrangle

REPORT NUMBER: SP1-2411-284-2

Photopic Flux vs. Wavelength

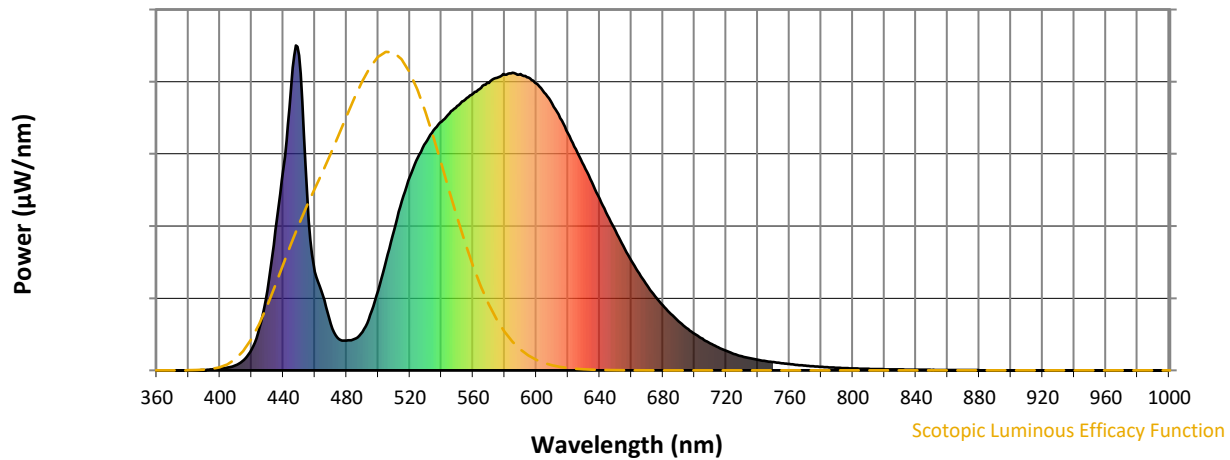


Photopic Lumens: NR

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	118	NR	620	730	NR	750	25	NR	880	1	NR
365	0	NR	495	170	NR	625	680	NR	755	22	NR	885	0	NR
370	0	NR	500	245	NR	630	630	NR	760	19	NR	890	0	NR
375	0	NR	505	338	NR	635	579	NR	765	17	NR	895	0	NR
380	0	NR	510	431	NR	640	529	NR	770	14	NR	900	0	NR
385	0	NR	515	521	NR	645	477	NR	775	13	NR	905	0	NR
390	1	NR	520	596	NR	650	429	NR	780	11	NR	910	0	NR
395	3	NR	525	655	NR	655	383	NR	785	9	NR	915	0	NR
400	6	NR	530	701	NR	660	338	NR	790	8	NR	920	0	NR
405	9	NR	535	739	NR	665	298	NR	795	7	NR	925	0	NR
410	16	NR	540	766	NR	670	261	NR	800	6	NR	930	0	NR
415	32	NR	545	791	NR	675	228	NR	805	5	NR	935	0	NR
420	65	NR	550	813	NR	680	200	NR	810	5	NR	940	0	NR
425	131	NR	555	833	NR	685	173	NR	815	4	NR	945	0	NR
430	245	NR	560	852	NR	690	151	NR	820	3	NR	950	0	NR
435	432	NR	565	870	NR	695	130	NR	825	3	NR	955	0	NR
440	622	NR	570	885	NR	700	112	NR	830	3	NR	960	0	NR
445	870	NR	575	900	NR	705	97	NR	835	2	NR	965	0	NR
450	969	NR	580	911	NR	710	83	NR	840	2	NR	970	0	NR
455	544	NR	585	916	NR	715	71	NR	845	2	NR	975	0	NR
460	304	NR	590	912	NR	720	60	NR	850	1	NR	980	0	NR
465	231	NR	595	901	NR	725	51	NR	855	1	NR	985	0	NR
470	142	NR	600	882	NR	730	43	NR	860	1	NR	990	0	NR
475	96	NR	605	855	NR	735	37	NR	865	1	NR	995	0	NR
480	92	NR	610	820	NR	740	32	NR	870	1	NR	1000	0	NR
485	96	NR	615	776	NR	745	29	NR	875	1	NR			

REPORT NUMBER: SP1-2411-284-2

Scotopic Flux vs. Wavelength



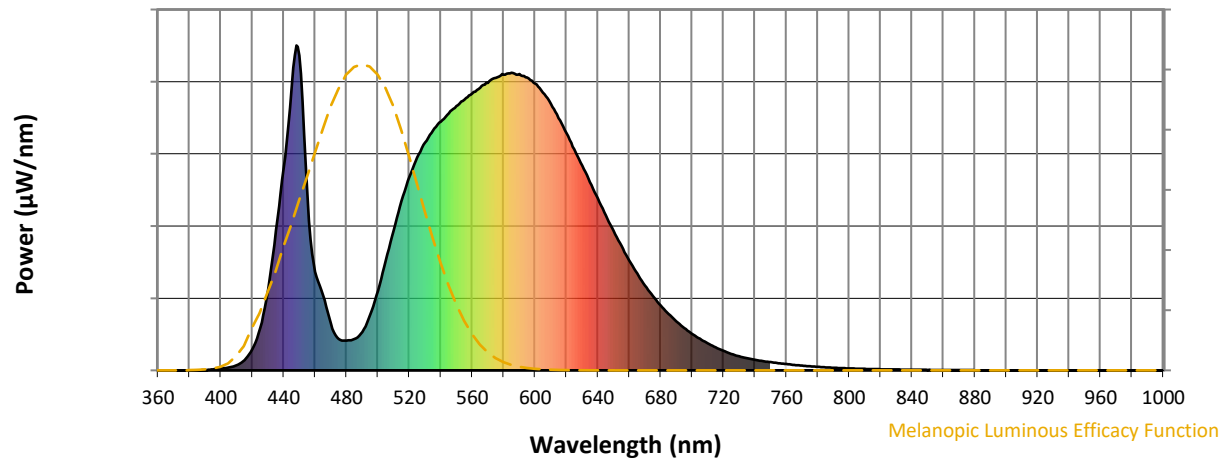
Scotopic Lumens: NR

S/P: 1.45

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	118	NR	620	730	NR	750	25	NR	880	1	NR
365	0	NR	495	170	NR	625	680	NR	755	22	NR	885	0	NR
370	0	NR	500	245	NR	630	630	NR	760	19	NR	890	0	NR
375	0	NR	505	338	NR	635	579	NR	765	17	NR	895	0	NR
380	0	NR	510	431	NR	640	529	NR	770	14	NR	900	0	NR
385	0	NR	515	521	NR	645	477	NR	775	13	NR	905	0	NR
390	1	NR	520	596	NR	650	429	NR	780	11	NR	910	0	NR
395	3	NR	525	655	NR	655	383	NR	785	9	NR	915	0	NR
400	6	NR	530	701	NR	660	338	NR	790	8	NR	920	0	NR
405	9	NR	535	739	NR	665	298	NR	795	7	NR	925	0	NR
410	16	NR	540	766	NR	670	261	NR	800	6	NR	930	0	NR
415	32	NR	545	791	NR	675	228	NR	805	5	NR	935	0	NR
420	65	NR	550	813	NR	680	200	NR	810	5	NR	940	0	NR
425	131	NR	555	833	NR	685	173	NR	815	4	NR	945	0	NR
430	245	NR	560	852	NR	690	151	NR	820	3	NR	950	0	NR
435	432	NR	565	870	NR	695	130	NR	825	3	NR	955	0	NR
440	622	NR	570	885	NR	700	112	NR	830	3	NR	960	0	NR
445	870	NR	575	900	NR	705	97	NR	835	2	NR	965	0	NR
450	969	NR	580	911	NR	710	83	NR	840	2	NR	970	0	NR
455	544	NR	585	916	NR	715	71	NR	845	2	NR	975	0	NR
460	304	NR	590	912	NR	720	60	NR	850	1	NR	980	0	NR
465	231	NR	595	901	NR	725	51	NR	855	1	NR	985	0	NR
470	142	NR	600	882	NR	730	43	NR	860	1	NR	990	0	NR
475	96	NR	605	855	NR	735	37	NR	865	1	NR	995	0	NR
480	92	NR	610	820	NR	740	32	NR	870	1	NR	1000	0	NR
485	96	NR	615	776	NR	745	29	NR	875	1	NR			

REPORT NUMBER: SP1-2411-284-2

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.72

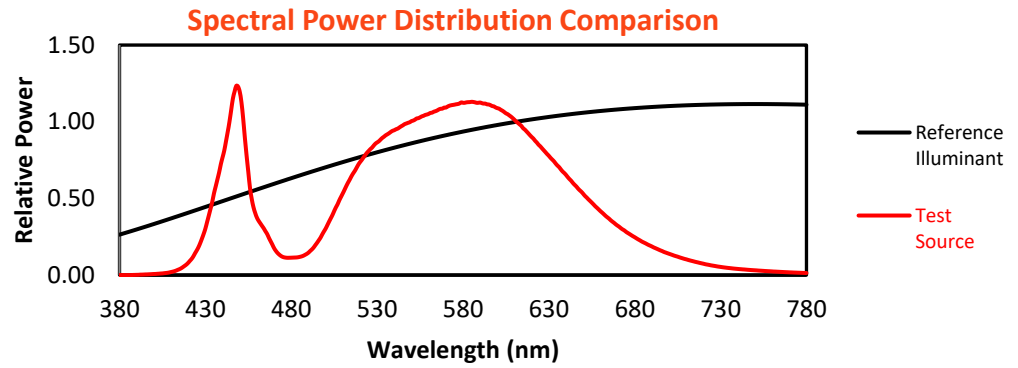
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	NR	620	730	NR	750	25	NR	880	1	NR
365	0	NR	495	170	NR	625	680	NR	755	22	NR	885	0	NR
370	0	NR	500	245	NR	630	630	NR	760	19	NR	890	0	NR
375	0	NR	505	338	NR	635	579	NR	765	17	NR	895	0	NR
380	0	NR	510	431	NR	640	529	NR	770	14	NR	900	0	NR
385	0	NR	515	521	NR	645	477	NR	775	13	NR	905	0	NR
390	1	NR	520	596	NR	650	429	NR	780	11	NR	910	0	NR
395	3	NR	525	655	NR	655	383	NR	785	9	NR	915	0	NR
400	6	NR	530	701	NR	660	338	NR	790	8	NR	920	0	NR
405	9	NR	535	739	NR	665	298	NR	795	7	NR	925	0	NR
410	16	NR	540	766	NR	670	261	NR	800	6	NR	930	0	NR
415	32	NR	545	791	NR	675	228	NR	805	5	NR	935	0	NR
420	65	NR	550	813	NR	680	200	NR	810	5	NR	940	0	NR
425	131	NR	555	833	NR	685	173	NR	815	4	NR	945	0	NR
430	245	NR	560	852	NR	690	151	NR	820	3	NR	950	0	NR
435	432	NR	565	870	NR	695	130	NR	825	3	NR	955	0	NR
440	622	NR	570	885	NR	700	112	NR	830	3	NR	960	0	NR
445	870	NR	575	900	NR	705	97	NR	835	2	NR	965	0	NR
450	969	NR	580	911	NR	710	83	NR	840	2	NR	970	0	NR
455	544	NR	585	916	NR	715	71	NR	845	2	NR	975	0	NR
460	304	NR	590	912	NR	720	60	NR	850	1	NR	980	0	NR
465	231	NR	595	901	NR	725	51	NR	855	1	NR	985	0	NR
470	142	NR	600	882	NR	730	43	NR	860	1	NR	990	0	NR
475	96	NR	605	855	NR	735	37	NR	865	1	NR	995	0	NR
480	92	NR	610	820	NR	740	32	NR	870	1	NR	1000	0	NR
485	96	NR	615	776	NR	745	29	NR	875	1	NR			

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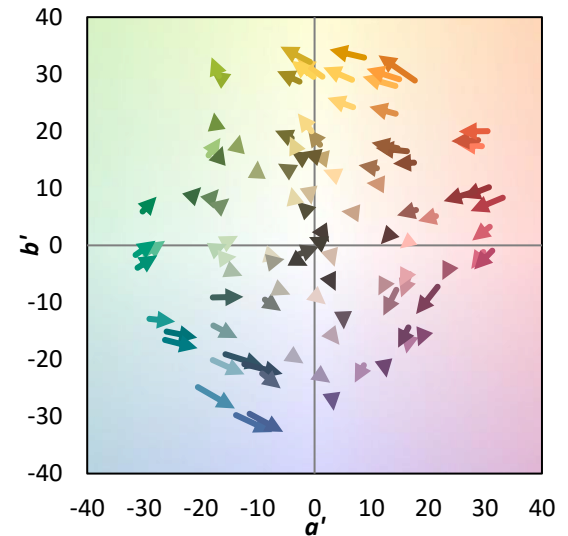
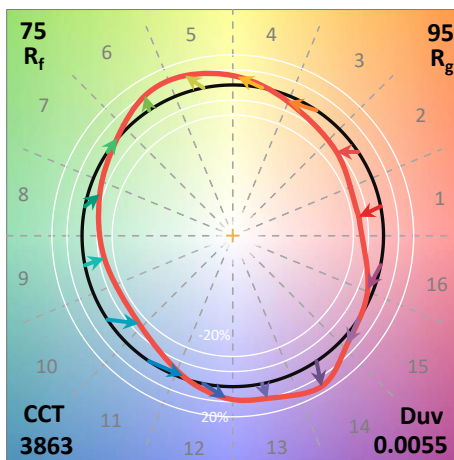
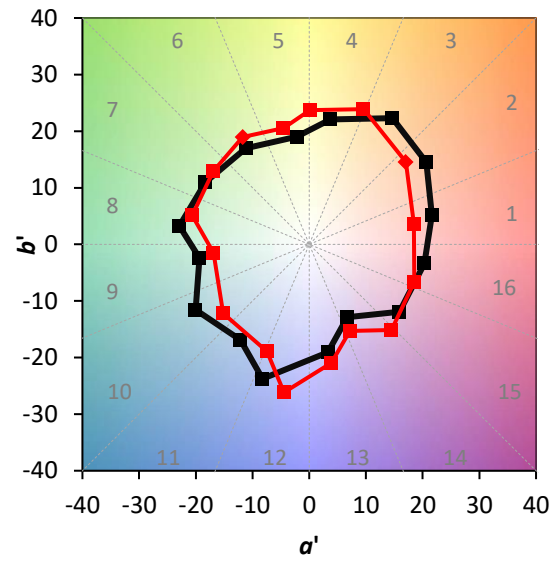
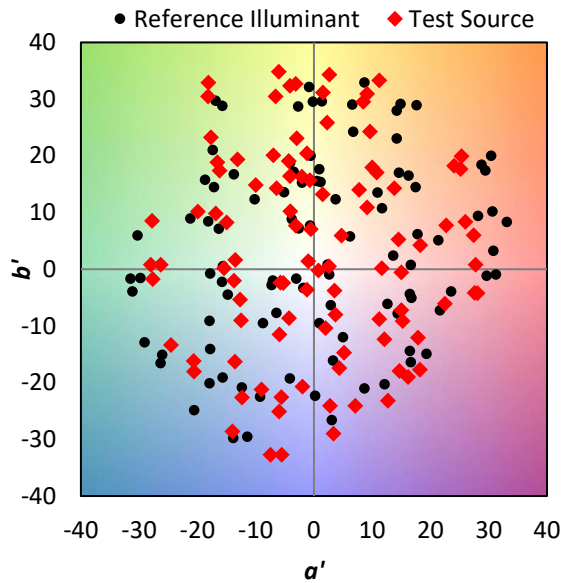
TM-30-18

Summary

$R_f = 74.7$
 $R_g = 95.4$
 $CIE R_a = 71.9$
 $R_g = -23.5$

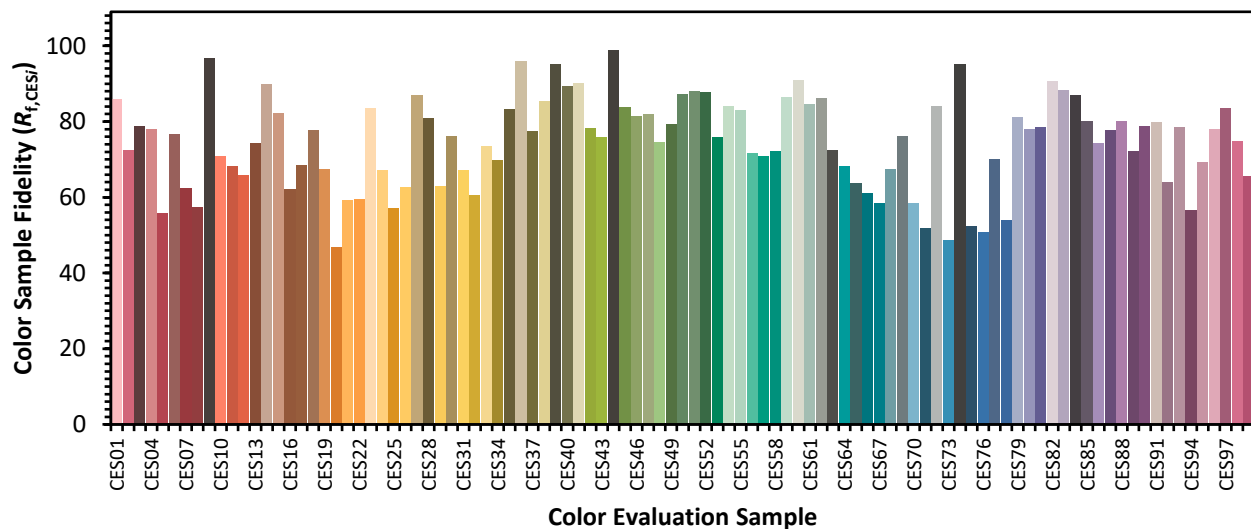


Color Vector Graphics

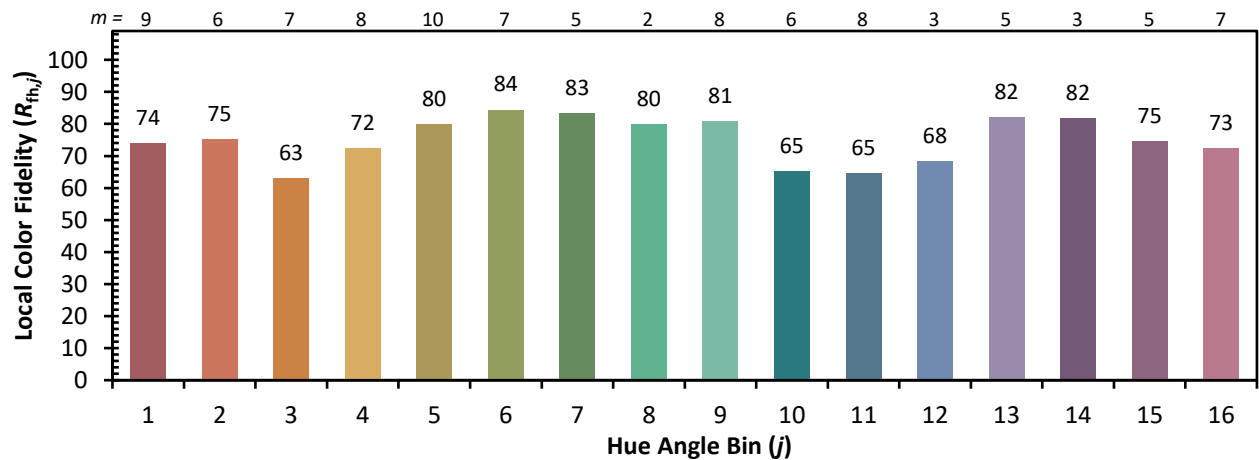
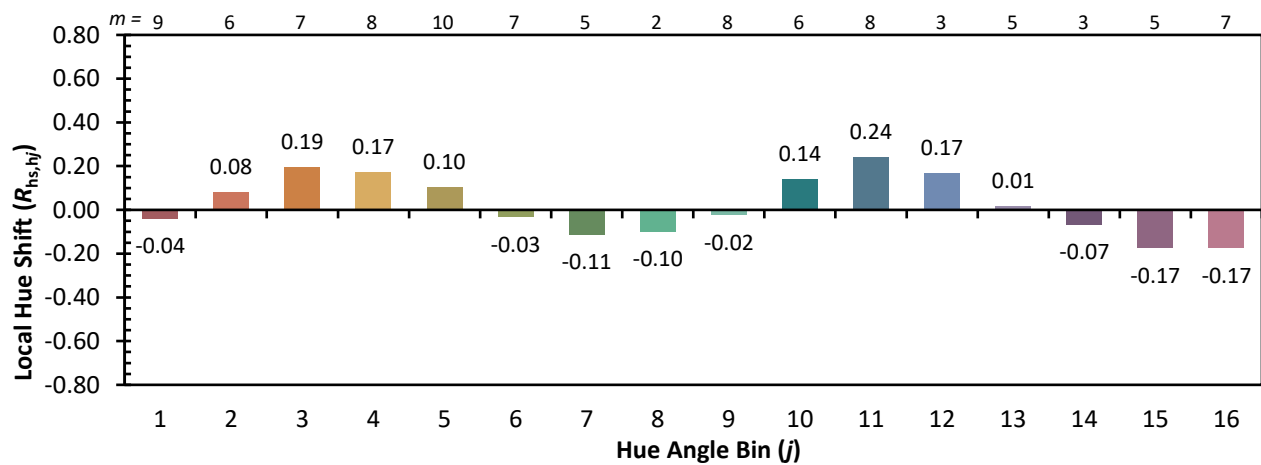
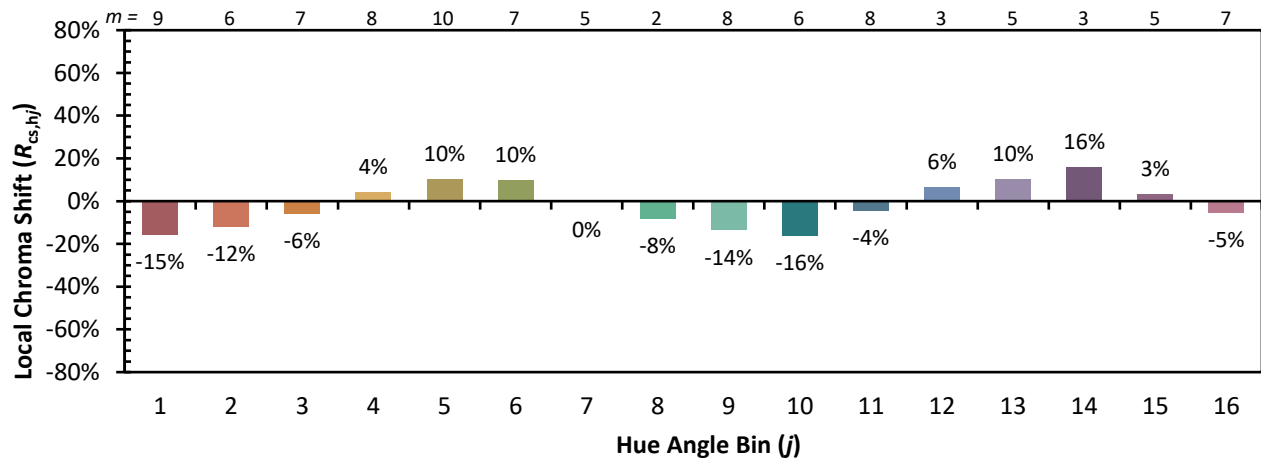


Individual Sample Fidelity Index ($R_{f,i}$)

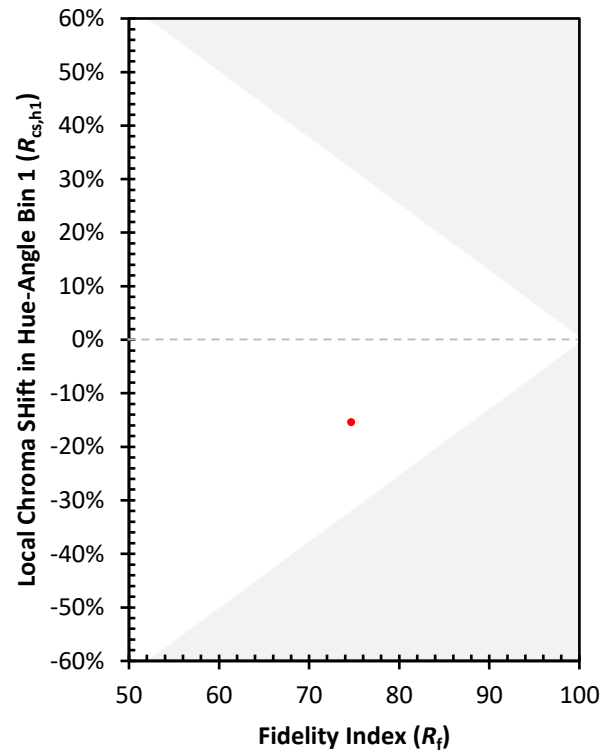
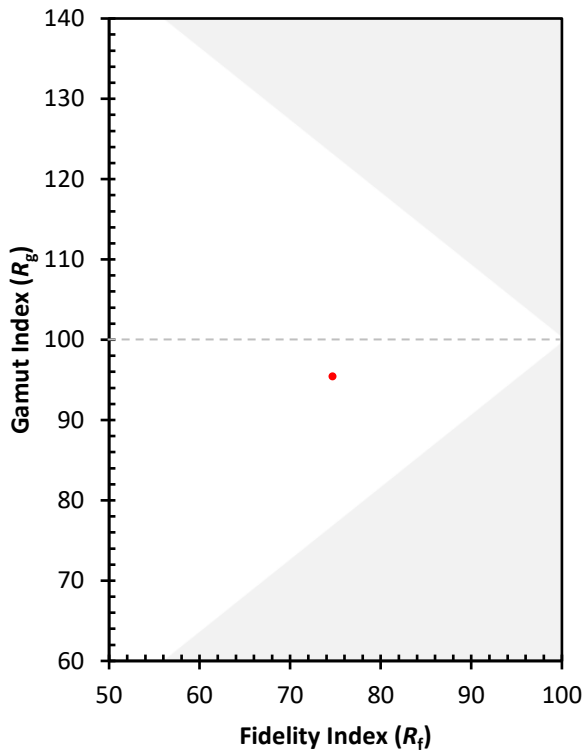
CES01 = 85	CES26 = 63	CES51 = 88	CES76 = 51
CES02 = 61	CES27 = 87	CES52 = 88	CES77 = 70
CES03 = 30	CES28 = 81	CES53 = 76	CES78 = 54
CES04 = 70	CES29 = 63	CES54 = 84	CES79 = 81
CES05 = 47	CES30 = 76	CES55 = 83	CES80 = 78
CES06 = 50	CES31 = 67	CES56 = 72	CES81 = 79
CES07 = 40	CES32 = 61	CES57 = 71	CES82 = 91
CES08 = 39	CES33 = 73	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 70	CES59 = 86	CES84 = 87
CES10 = 74	CES35 = 83	CES60 = 91	CES85 = 80
CES11 = 57	CES36 = 96	CES61 = 85	CES86 = 74
CES12 = 63	CES37 = 77	CES62 = 86	CES87 = 78
CES13 = 42	CES38 = 85	CES63 = 72	CES88 = 80
CES14 = 74	CES39 = 95	CES64 = 68	CES89 = 72
CES15 = 71	CES40 = 89	CES65 = 64	CES90 = 79
CES16 = 46	CES41 = 90	CES66 = 61	CES91 = 80
CES17 = 49	CES42 = 78	CES67 = 58	CES92 = 64
CES18 = 56	CES43 = 76	CES68 = 67	CES93 = 78
CES19 = 71	CES44 = 99	CES69 = 76	CES94 = 57
CES20 = 65	CES45 = 84	CES70 = 58	CES95 = 69
CES21 = 86	CES46 = 81	CES71 = 52	CES96 = 78
CES22 = 78	CES47 = 82	CES72 = 84	CES97 = 84
CES23 = 92	CES48 = 75	CES73 = 49	CES98 = 75
CES24 = 91	CES49 = 79	CES74 = 95	CES99 = 66
CES25 = 72	CES50 = 87	CES75 = 52	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)