

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: STREETWORKS

Report Number: P1208286

Luminaire Tested: UPW-SA1-060-730-U-SL3-HSS

Issue Date: 11/4/2025

Test Information

Test Method: LM-79-2024
Report Number: P1208286
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2308-136-4)
Test Lab: INNOVATIONS CENTER
Issue Date: 2/20/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: UPW-SA1-060-730-U-SL3-HSS
Description: UNDERPASS WALL MOUNT LUMINAIRE
(1) 70 CRI, 3000K, 1050mA LIGHTSQUARE WITH 16 LEDS AND TYPE III SPILL LIGHT
ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4757 lumens
Efficiency: N/A
Efficacy: 80.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

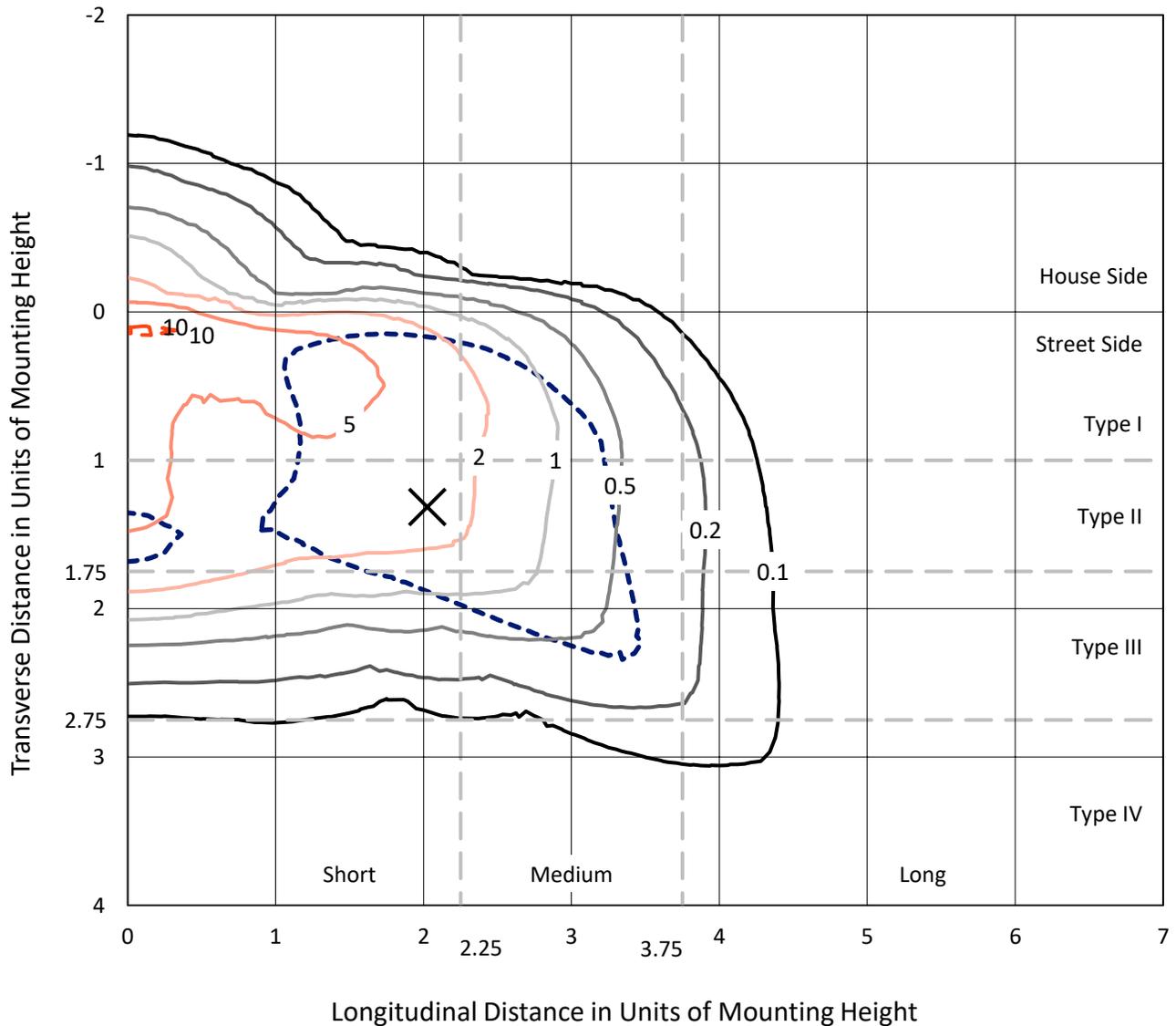
Input Watts (W): 59
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P1208286
 CATALOG NUMBER: UPW-SA1-060-730-U-SL3-HSS

Iso-Footcandle Lines of Horizontal Illumination

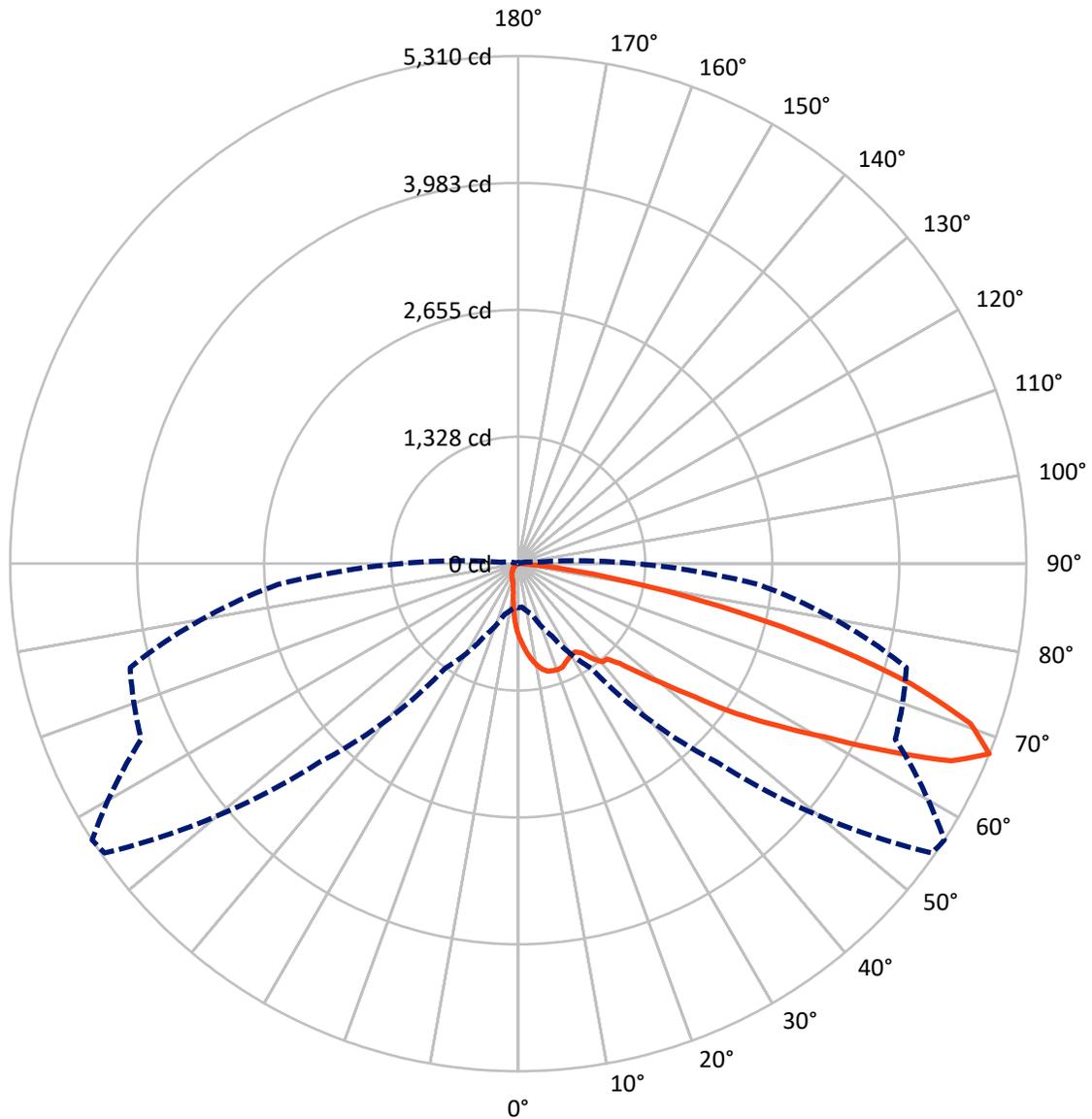
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 10.7 fc
 Type III - Short - N/A

REPORT NUMBER: P1208286
CATALOG NUMBER: UPW-SA1-060-730-U-SL3-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 57-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P1208286

CATALOG NUMBER: UPW-SA1-060-730-U-SL3-HSS

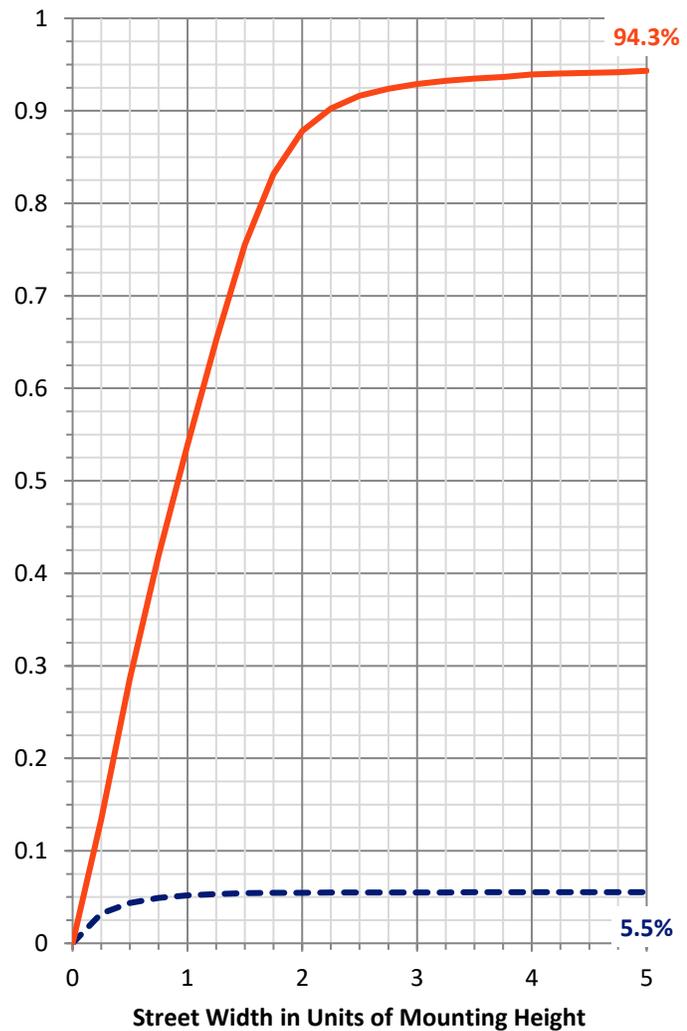
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	264.8	0.0	264.8
	% Fixture	5.6	0.0	5.6
Street Side	Lumens	4492.2	0.0	4492.2
	% Fixture	94.4	0.0	94.4
Total	Lumens	4757.0	0.0	4757.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.0	1.4
10°-20°	176.9	3.7
20°-30°	259.0	5.4
30°-40°	389.4	8.2
40°-50°	635.3	13.4
50°-60°	1202.5	25.3
60°-70°	1374.2	28.9
70°-80°	599.8	12.6
80°-90°	51.8	1.1
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°	4757.0	100.0
0°-180°	4757.0	100.0



--- HS — SS

REPORT NUMBER: P1208286

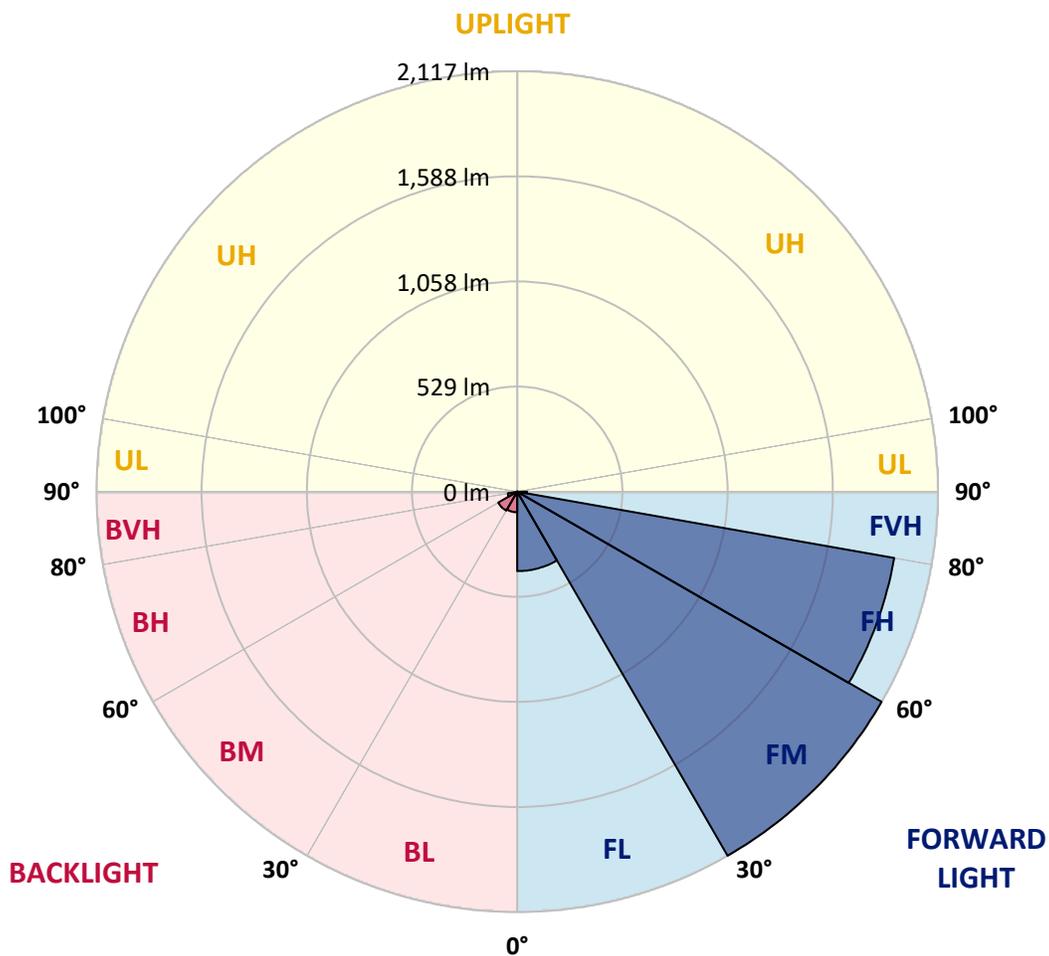
CATALOG NUMBER: UPW-SA1-060-730-U-SL3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	400.0	8.4			
FM (30°-60°)	2117.0	44.5			
FH (60°-80°)	1926.0	40.5			G2/5000
FVH (80°-90°)	49.2	1.0			G1/100
BL (0°-30°)	103.9	2.2	B0/110		
BM (30°-60°)	110.3	2.3	B0/220		
BH (60°-80°)	48.0	1.0	B0/110		G0/110
BVH (80°-90°)	2.6	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short





REPORT NUMBER: P1208286

CATALOG NUMBER: UPW-SA1-060-730-U-SL3-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	57°	65°	75°	85°
0°	756.8	756.8	756.8	756.8	756.8	756.8	756.8	756.8	756.8	756.8	756.8
2.5°	893.4	900.8	903.7	891.2	879.4	870.5	852.8	841.7	824.7	804.1	775.3
5°	1024.8	1024.1	1016.7	1007.1	1001.9	973.9	944.4	932.5	905.2	853.5	797.4
7.5°	1074.3	1078.7	1083.9	1078.0	1069.1	1054.4	1019.7	1010.8	970.9	903.7	824.7
10°	1051.4	1058.8	1067.7	1083.2	1112.7	1117.9	1091.3	1081.7	1033.7	959.9	847.6
12.5°	945.8	956.9	971.7	1021.9	1090.5	1133.4	1139.3	1136.3	1095.7	1010.1	863.9
15°	805.5	793.7	832.1	901.5	1014.5	1112.7	1165.9	1168.1	1147.4	1057.3	881.6
17.5°	700.0	711.0	728.0	780.4	897.8	1038.9	1162.2	1176.2	1185.8	1107.5	902.3
20°	682.2	683.0	690.4	719.2	780.4	950.3	1149.6	1182.8	1233.0	1157.0	911.1
22.5°	699.2	694.8	698.5	704.4	742.8	860.2	1123.0	1176.9	1261.1	1218.3	929.6
25°	721.4	726.5	719.9	712.5	734.7	819.6	1092.0	1147.4	1303.2	1272.9	937.7
27.5°	783.4	786.3	768.6	742.0	750.2	801.1	1044.0	1123.8	1366.7	1334.2	951.0
30°	884.5	881.6	844.7	801.1	782.7	812.9	1013.8	1097.9	1400.7	1381.5	944.4
32.5°	959.9	953.9	917.8	872.7	840.2	858.0	1013.8	1100.9	1469.3	1464.2	956.9
35°	1027.8	1022.6	977.6	941.4	913.3	929.6	1070.6	1148.9	1567.5	1617.7	1001.2
37.5°	1101.6	1087.6	1052.2	989.4	980.5	1043.3	1193.2	1258.2	1723.3	1760.2	1002.7
40°	1218.3	1206.5	1149.6	1084.6	1036.6	1128.2	1289.2	1351.2	1833.3	1874.7	996.8
42.5°	1378.5	1350.4	1280.3	1185.8	1109.0	1174.0	1300.2	1364.5	1916.8	2052.6	1053.6
45°	1552.8	1544.6	1447.2	1325.3	1244.1	1236.0	1417.6	1488.5	2102.1	2339.8	1176.9
47.5°	1804.5	1741.0	1612.6	1482.6	1413.2	1358.6	1597.8	1705.6	2328.0	2675.8	1360.8
50°	2069.6	2032.7	1837.0	1657.6	1572.7	1552.8	1882.8	1980.3	2617.5	3053.8	1667.2
52.5°	2521.5	2436.6	2172.2	1946.3	1799.4	1780.2	2192.9	2317.7	2943.8	3505.0	1976.6
55°	2825.7	2773.2	2507.4	2336.9	2144.2	2085.8	2632.2	2768.8	3343.3	3898.5	2285.9
57.5°	2923.1	2858.9	2619.7	2578.3	2534.0	2567.2	3087.8	3201.5	3620.1	4205.6	2559.9
60°	2532.5	2530.3	2393.7	2501.5	2720.8	3104.8	3626.0	3676.3	3844.6	4393.9	2730.4
62.5°	1821.5	1815.6	1842.9	2110.2	2519.3	3468.8	4366.6	4310.5	4039.5	4498.8	2822.7
65°	944.4	948.8	1086.1	1438.3	2026.8	3440.7	5044.4	4973.5	4159.9	4434.5	2757.7
67.5°	460.7	457.0	546.4	836.6	1338.6	2937.9	5277.0	5310.2	4348.9	4199.0	2522.9
70°	229.6	232.6	297.6	441.5	731.0	2110.2	4873.1	5014.1	4174.6	3697.7	2148.6
72.5°	161.7	163.9	202.3	262.1	341.9	1281.0	4044.7	4287.6	3484.3	2941.6	1514.4
75°	115.9	119.6	148.4	195.7	189.8	643.1	3126.2	3270.2	2525.9	1816.3	802.6
77.5°	84.2	89.3	115.9	150.6	131.4	270.2	2164.8	2161.2	1425.0	863.1	324.9
80°	55.4	59.1	85.6	111.5	93.8	125.5	1268.5	1194.7	630.6	330.8	118.1
82.5°	31.0	32.5	57.6	77.5	65.0	59.1	567.1	522.8	213.4	121.1	55.4
85°	2.2	3.7	34.0	48.7	34.7	29.5	158.7	144.0	68.7	55.4	29.5
87.5°	0.0	0.0	4.4	8.9	5.9	4.4	38.4	33.2	20.7	32.5	14.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1208286

CATALOG NUMBER: UPW-SA1-060-730-U-SL3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	756.8	756.8	756.8	756.8	756.8	756.8	756.8	756.8	756.8	756.8	756.8
2.5°	763.5	742.8	711.8	681.5	652.0	625.4	606.2	587.0	578.9	560.4	592.2
5°	767.9	731.0	657.1	585.5	523.5	457.0	413.5	382.5	367.0	352.9	353.7
7.5°	772.3	716.2	602.5	481.4	392.1	321.9	282.8	268.8	262.9	255.5	255.5
10°	767.1	692.6	524.2	378.8	288.0	250.3	228.9	223.7	226.7	225.9	228.2
12.5°	767.1	664.5	444.5	295.3	236.3	214.1	208.2	207.5	211.9	214.9	216.3
15°	757.5	621.7	364.7	242.2	206.7	198.6	196.4	196.4	199.4	202.3	201.6
17.5°	749.4	578.9	298.3	208.2	189.0	186.8	185.3	183.8	187.5	190.5	191.2
20°	729.5	519.1	245.9	187.5	177.2	174.3	173.5	172.0	175.7	178.7	180.9
22.5°	700.7	451.1	210.4	172.0	166.9	163.2	161.0	161.7	165.4	168.3	166.9
25°	662.3	391.3	184.6	161.0	153.6	151.4	148.4	149.9	150.6	153.6	155.8
27.5°	620.2	333.0	167.6	152.1	144.7	140.3	136.6	135.9	136.6	140.3	138.8
30°	558.2	282.1	155.8	141.8	133.6	127.7	123.3	121.1	120.4	121.1	121.8
32.5°	510.9	248.1	147.7	133.6	123.3	115.9	110.8	106.3	104.8	103.4	103.4
35°	480.7	229.6	139.5	122.6	113.0	105.6	97.5	92.3	89.3	87.9	88.6
37.5°	415.7	197.9	129.9	114.4	103.4	94.5	86.4	78.3	76.1	77.5	77.5
40°	361.1	169.8	121.1	104.8	92.3	84.2	75.3	65.7	64.2	68.7	69.4
42.5°	340.4	157.3	113.0	96.0	82.7	76.1	64.2	56.9	56.9	60.5	61.3
45°	365.5	153.6	105.6	87.9	74.6	67.2	55.4	48.7	48.7	52.4	53.2
47.5°	445.2	159.5	98.2	79.7	68.7	59.1	45.8	42.8	42.8	44.3	45.0
50°	614.3	178.7	90.8	71.6	62.8	50.2	39.9	36.9	36.2	36.9	36.9
52.5°	829.2	217.1	82.7	64.2	55.4	42.1	34.7	31.7	29.5	29.5	28.8
55°	1046.2	258.4	74.6	56.9	48.0	36.2	29.5	26.6	22.9	21.4	20.7
57.5°	1237.5	291.6	65.0	50.2	41.3	31.0	25.8	19.9	14.8	11.8	11.8
60°	1356.4	300.5	56.1	43.6	34.0	26.6	20.7	13.3	7.4	5.9	5.2
62.5°	1378.5	272.5	48.0	36.9	28.8	22.2	14.8	7.4	3.0	0.7	0.7
65°	1318.7	214.9	41.3	31.0	23.6	17.7	9.6	3.7	0.0	0.0	0.0
67.5°	1218.3	169.1	34.7	25.8	19.9	14.0	5.9	0.7	0.0	0.0	0.0
70°	1062.5	135.1	30.3	22.2	17.0	11.8	3.7	0.0	0.0	0.0	0.0
72.5°	782.7	89.3	26.6	19.9	14.8	8.9	2.2	0.0	0.0	0.0	0.0
75°	428.2	56.9	24.4	18.5	14.0	7.4	1.5	0.0	0.0	0.0	0.0
77.5°	173.5	39.9	21.4	17.7	14.0	7.4	1.5	0.0	0.0	0.0	0.0
80°	65.7	28.1	18.5	15.5	13.3	7.4	1.5	0.0	0.0	0.0	0.0
82.5°	34.7	22.9	17.7	15.5	12.6	6.6	0.7	0.0	0.0	0.0	0.0
85°	17.0	7.4	8.9	8.9	10.3	5.9	0.7	0.0	0.0	0.0	0.0
87.5°	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)