

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: P1462153

Luminaire Tested: PRV-P-30-8540-U-T2U

Issue Date: 06/10/2026

Test Information

Test Method: LM-79-2024
Report Number: P1462153
Test Lab: INNOVATION CENTER(G3)
Issue Date: 6/11/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: PRV-P-30-8540-U-T2U
Description: PREVAIL PETITE DISCRETE LED 1 SQUARE 30W 85CRI 4000k FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (10) 4000k CCT, 85 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4013.9 lumens
Efficiency: N/A
Efficacy: 122.0 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

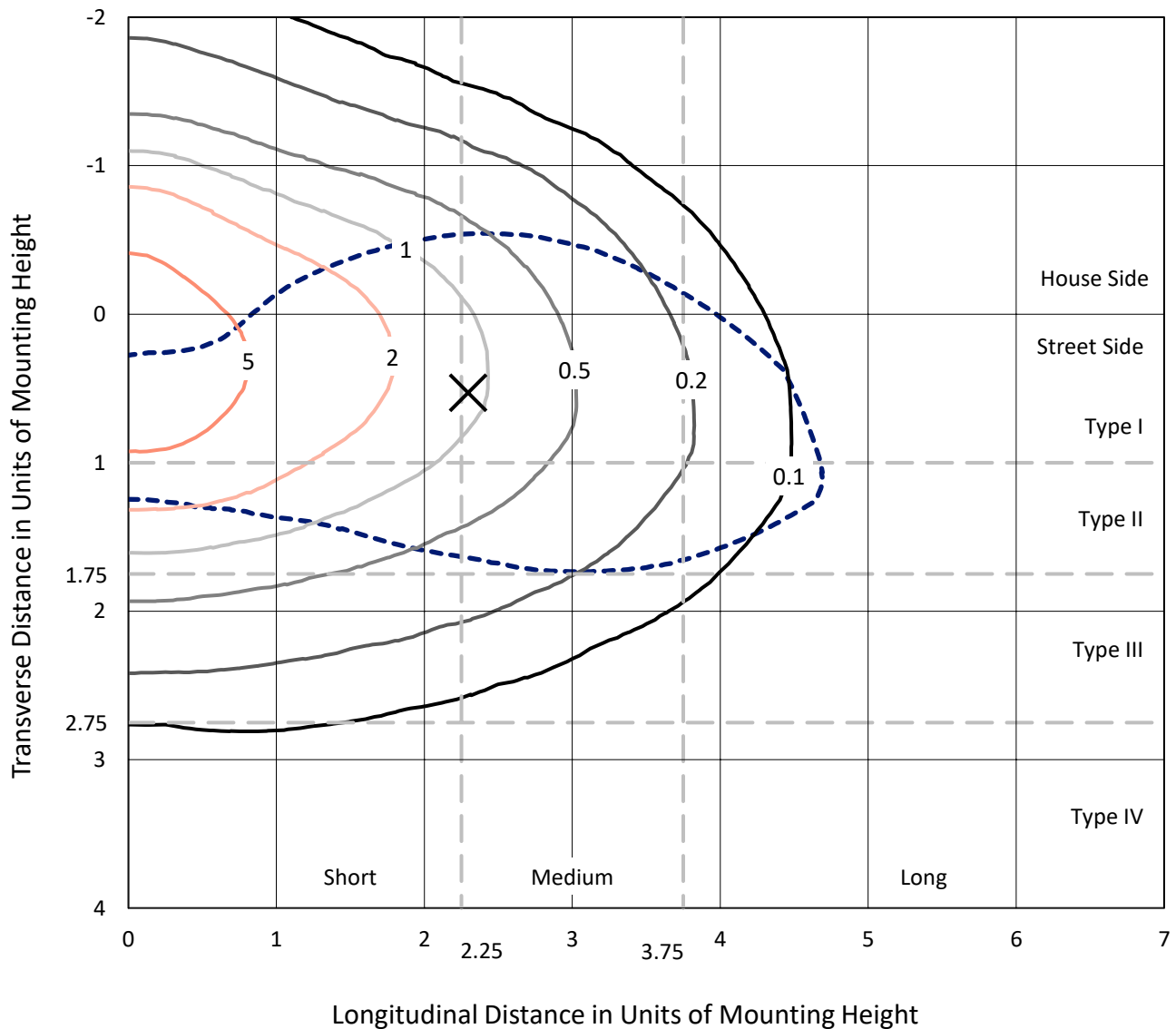
Input Watts (W): 32.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 10.0%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

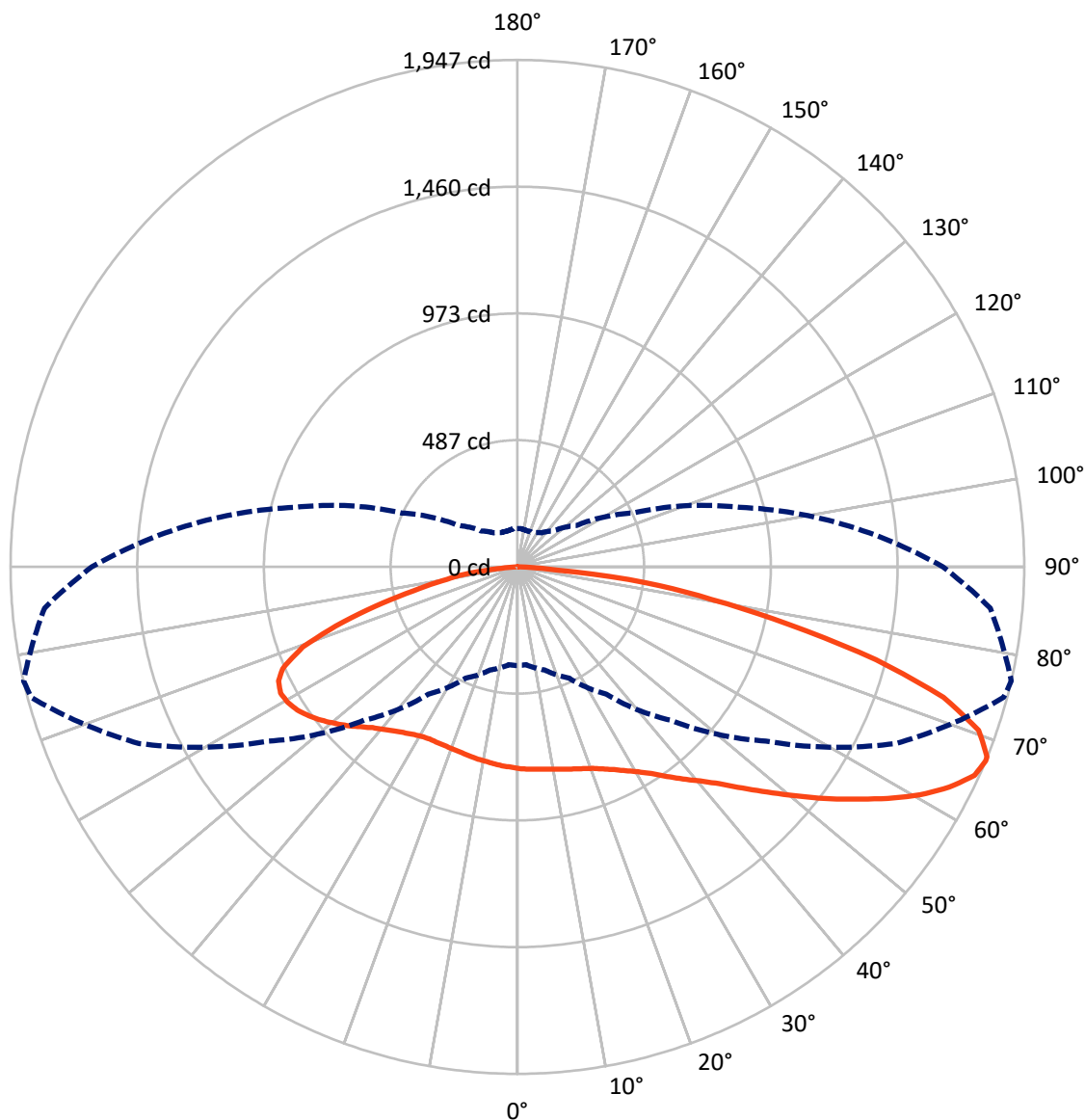


Based on 10 foot mounting height. Maximum calculated value = 8.7 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 77-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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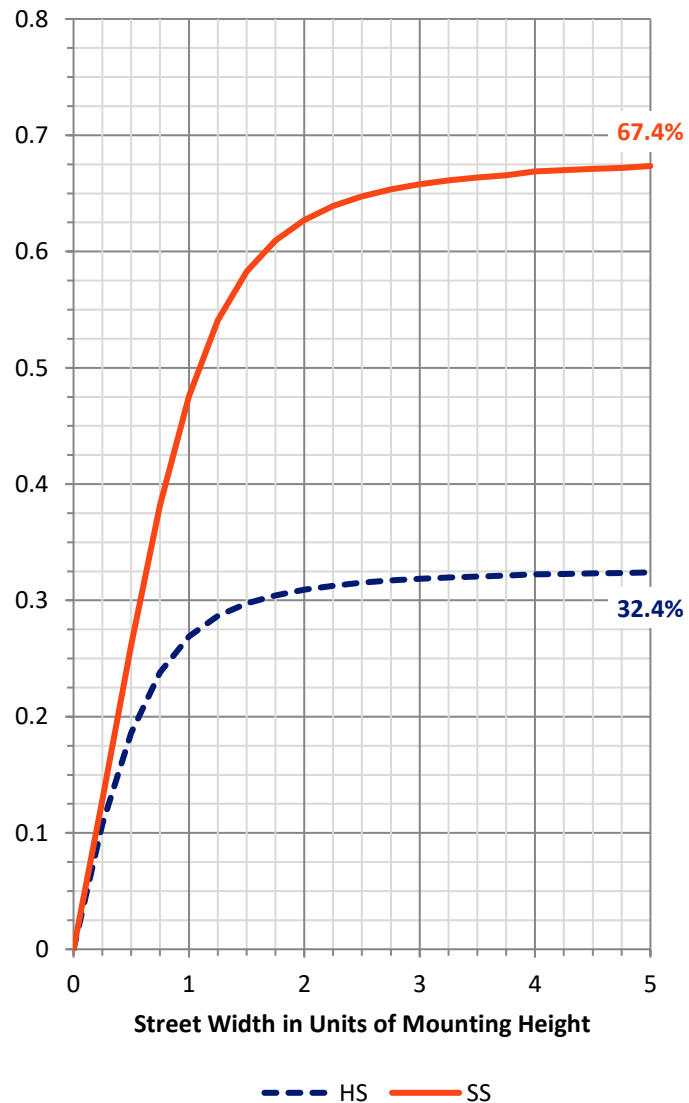
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1308.0	0.0	1308.0
	% Fixture	32.6	0.0	32.6
Street Side	Lumens	2706.0	0.0	2706.0
	% Fixture	67.4	0.0	67.4
Total	Lumens	4013.9	0.0	4013.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.4	1.9
10°-20°	226.5	5.6
20°-30°	385.5	9.6
30°-40°	552.9	13.8
40°-50°	702.1	17.5
50°-60°	772.4	19.2
60°-70°	746.1	18.6
70°-80°	469.3	11.7
80°-90°	84.6	2.1
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°	4013.9	100.0
0°-180°	4013.9	100.0

Coefficient of Utilization



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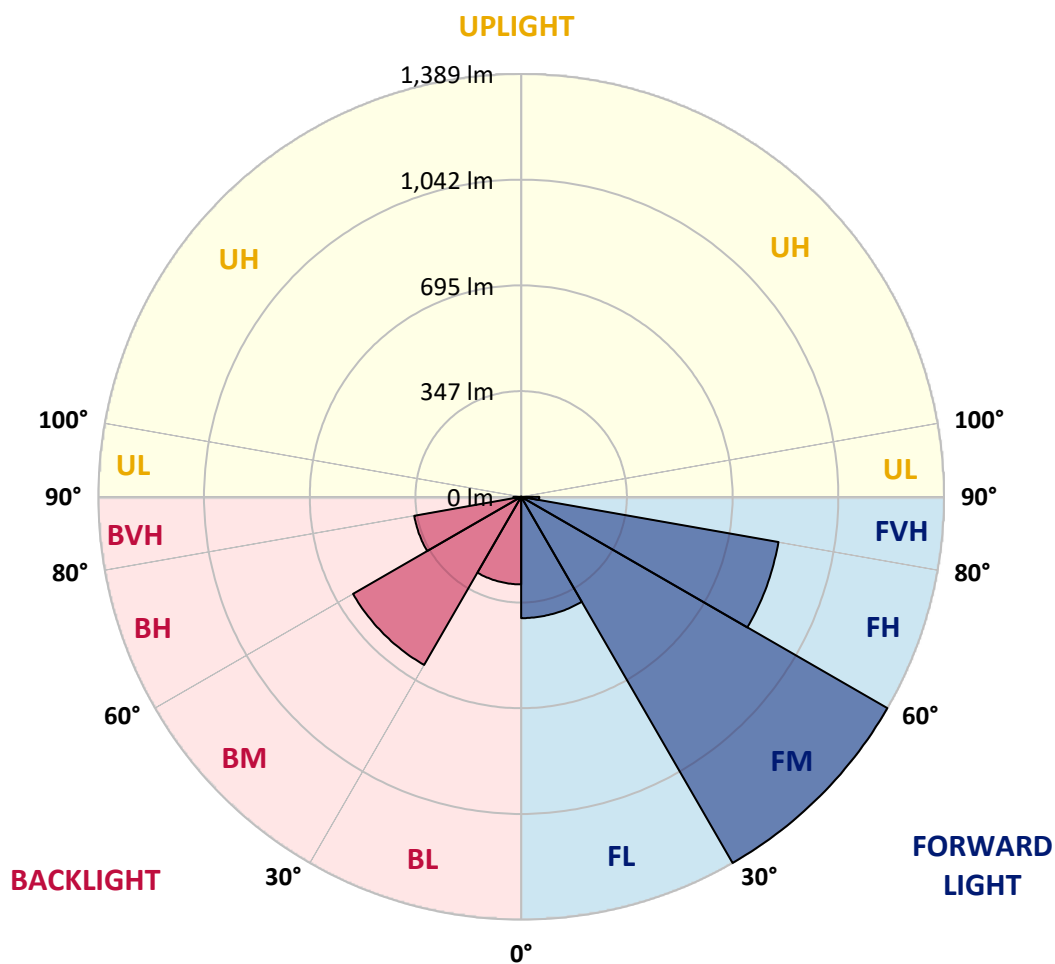
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	398.6	9.9			
FM	(30°-60°)	1389.5	34.6			
FH	(60°-80°)	858.6	21.4			G1/1800
FVH	(80°-90°)	59.3	1.5			G1/100
BL	(0°-30°)	287.8	7.2	B1/500		
BM	(30°-60°)	638.0	15.9	B1/1000		
BH	(60°-80°)	356.8	8.9	B1/500		G1/500
BVH	(80°-90°)	25.4	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	774.3	774.3	774.3	774.3	774.3	774.3	774.3	774.3	774.3	774.3	774.3
2.5°	787.3	790.4	791.6	792.2	792.2	787.9	786.6	779.8	778.6	777.4	771.2
5°	817.6	815.8	818.9	815.2	814.5	805.2	797.8	788.5	779.8	779.8	773.0
7.5°	851.1	849.9	852.4	848.6	835.6	825.7	815.8	798.4	787.3	784.2	775.5
10°	893.9	889.6	892.0	878.4	868.5	847.4	830.7	809.6	792.2	789.7	778.0
12.5°	928.6	929.2	931.1	918.1	900.7	878.4	853.6	823.8	804.0	796.6	780.4
15°	962.7	969.5	966.4	954.6	936.7	906.3	874.1	839.3	810.8	805.2	786.0
17.5°	997.4	996.2	996.2	985.0	963.3	935.4	897.0	854.8	820.7	814.5	791.6
20°	1029.6	1026.5	1027.2	1019.7	998.0	967.7	922.4	877.2	836.9	825.7	799.0
22.5°	1056.3	1061.3	1065.0	1054.4	1032.7	998.0	955.3	900.7	849.9	842.4	809.0
25°	1088.5	1091.0	1097.2	1092.3	1073.7	1040.8	990.0	931.1	872.8	862.3	823.2
27.5°	1123.3	1123.9	1132.6	1131.9	1105.9	1075.5	1024.7	960.8	898.2	885.8	838.7
30°	1167.9	1166.0	1174.7	1171.0	1143.1	1110.2	1058.8	993.1	923.6	912.5	861.0
32.5°	1204.5	1208.2	1210.0	1211.9	1184.0	1149.3	1097.2	1032.7	959.0	946.0	890.2
35°	1239.8	1239.8	1246.6	1246.0	1221.8	1192.7	1141.8	1074.9	1003.0	988.1	929.8
37.5°	1264.6	1269.5	1275.1	1277.0	1252.2	1224.9	1185.2	1122.6	1050.1	1033.4	971.4
40°	1268.9	1277.0	1299.3	1304.9	1280.7	1257.1	1228.0	1173.5	1096.6	1081.1	1018.5
42.5°	1278.8	1291.9	1308.6	1321.0	1299.9	1278.8	1266.4	1221.8	1152.4	1137.5	1076.1
45°	1233.6	1234.8	1264.0	1296.2	1296.8	1291.2	1303.0	1281.3	1221.8	1211.3	1144.9
47.5°	1180.3	1170.4	1193.9	1244.1	1275.1	1298.7	1335.9	1340.2	1299.9	1291.2	1221.8
50°	1043.3	1051.3	1114.6	1177.8	1233.6	1291.2	1364.4	1411.5	1392.9	1380.5	1304.9
52.5°	895.8	899.5	970.1	1103.4	1181.5	1280.1	1382.4	1481.6	1480.3	1477.8	1394.1
55°	800.3	801.5	877.2	985.0	1117.1	1237.9	1392.3	1548.5	1581.4	1573.3	1490.2
57.5°	699.9	705.4	765.0	846.2	1033.4	1180.3	1387.3	1601.2	1682.4	1676.8	1582.0
60°	601.9	616.2	649.0	732.7	925.5	1105.9	1359.4	1646.4	1779.1	1776.6	1679.9
62.5°	512.7	520.1	551.7	634.2	795.3	1022.8	1312.3	1665.0	1859.7	1862.2	1753.1
65°	441.4	443.2	471.7	541.8	680.0	924.3	1237.9	1647.7	1920.4	1929.7	1810.1
67°	378.8	376.9	410.4	471.7	597.0	832.5	1165.4	1603.7	1933.5	1946.5	1823.1
67.5°	355.2	358.9	397.4	455.0	580.8	809.0	1141.2	1587.6	1930.4	1945.2	1815.7
70°	256.6	259.7	316.8	381.2	484.8	686.8	1012.3	1476.0	1865.3	1879.5	1724.6
72.5°	194.6	196.5	250.4	314.3	402.9	566.6	861.0	1326.0	1688.6	1710.9	1543.5
75°	155.6	153.7	193.4	254.8	324.2	456.2	676.9	1065.6	1389.2	1422.0	1253.4
77.5°	120.3	119.0	137.6	199.6	259.1	347.1	497.2	808.3	1073.0	1066.2	949.7
80°	75.6	77.5	82.4	131.4	184.1	241.1	332.9	518.9	737.7	756.3	672.6
82.5°	39.1	42.8	45.9	71.3	97.9	133.9	210.8	327.3	488.5	499.0	452.5
85°	8.1	7.4	10.5	18.0	27.9	44.0	63.2	105.4	142.0	156.8	138.9
87.5°	0.6	0.6	1.2	1.2	1.2	1.9	3.7	3.7	3.1	3.1	3.1
90°	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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	774.3	774.3	774.3	774.3	774.3	774.3	774.3	774.3	774.3	774.3	774.3
2.5°	773.6	770.5	768.7	765.6	765.0	766.2	762.5	761.2	757.5	755.0	755.7
5°	773.6	769.9	764.3	756.3	754.4	753.8	749.5	743.9	739.5	738.3	735.2
7.5°	771.8	768.1	758.8	750.1	742.0	737.7	734.0	729.0	720.3	714.7	715.4
10°	771.8	765.6	753.2	741.4	730.9	721.6	714.7	708.5	702.3	694.9	696.1
12.5°	773.6	766.2	749.5	732.7	718.5	707.9	698.6	691.2	686.2	677.5	677.5
15°	776.1	765.0	743.9	724.0	707.3	693.7	681.3	674.4	668.9	664.5	663.9
17.5°	778.0	765.6	738.9	713.5	691.8	675.7	665.1	660.2	657.1	654.0	652.8
20°	782.3	768.1	735.8	704.8	679.4	660.2	651.5	648.4	649.0	645.3	644.7
22.5°	792.2	771.2	732.7	695.5	663.3	647.2	638.5	634.2	635.4	632.9	632.9
25°	799.7	778.6	732.1	687.5	652.8	632.3	623.0	619.9	619.9	617.4	615.6
27.5°	811.4	787.3	730.2	680.0	639.1	617.4	605.6	601.9	598.8	598.2	597.6
30°	832.5	801.5	734.0	668.9	624.9	598.8	583.9	579.0	577.7	577.7	576.5
32.5°	854.8	822.6	741.4	665.1	611.2	577.1	561.6	555.4	556.0	552.9	552.9
35°	890.8	848.0	752.6	665.8	597.6	554.8	538.1	533.7	529.4	526.3	526.3
37.5°	925.5	879.6	765.6	663.3	586.4	536.8	515.1	502.1	499.0	495.9	495.3
40°	968.3	913.7	781.7	657.1	571.5	513.9	484.8	466.8	466.8	465.5	464.3
42.5°	1020.3	957.1	799.0	656.5	555.4	491.0	448.8	430.2	427.1	426.5	429.6
45°	1081.1	1011.7	822.6	655.9	541.2	464.9	413.5	386.8	385.0	378.8	380.0
47.5°	1151.1	1069.9	849.3	653.4	523.2	433.9	373.2	344.0	334.7	331.0	328.5
50°	1227.4	1131.3	872.8	650.3	499.6	396.7	332.3	300.6	288.9	282.7	279.6
52.5°	1312.3	1192.1	897.0	644.1	471.1	360.8	295.1	263.5	249.8	244.2	242.4
55°	1392.9	1254.1	916.2	635.4	442.6	323.0	260.4	231.8	220.7	218.2	217.6
57.5°	1469.2	1311.1	932.9	621.1	410.4	291.4	233.7	209.5	200.8	203.3	202.7
60°	1538.6	1360.7	940.4	599.4	377.5	260.4	212.0	192.2	187.2	192.2	191.5
62.5°	1605.5	1397.2	938.5	572.2	343.4	236.2	192.2	176.7	175.4	186.0	186.6
65°	1635.3	1404.7	919.3	531.9	307.5	211.4	173.6	156.8	156.8	163.7	164.9
67°	1634.0	1383.6	882.7	488.5	277.1	194.6	159.9	145.1	143.2	147.5	146.9
67.5°	1622.9	1371.2	867.9	476.7	270.3	190.3	156.2	142.0	140.7	144.4	143.2
70°	1522.5	1272.6	781.7	408.5	234.9	169.2	138.9	127.1	122.7	125.2	124.0
72.5°	1332.2	1099.1	641.6	332.3	203.3	146.3	121.5	108.5	103.5	99.8	97.3
75°	1058.8	864.8	491.6	263.5	166.1	123.4	101.7	86.2	75.0	76.2	75.0
77.5°	795.3	635.4	354.0	201.5	128.3	98.6	76.9	62.0	53.9	58.3	56.4
80°	567.2	445.7	254.8	146.9	91.1	65.7	53.3	41.5	44.0	44.0	24.2
82.5°	393.6	313.0	181.6	96.7	53.9	38.4	28.5	26.0	33.5	13.6	0.6
85°	120.3	101.7	70.7	34.7	17.4	10.5	6.2	10.5	3.7	0.6	0.0
87.5°	3.1	3.1	2.5	2.5	1.2	0.6	0.6	0.6	0.6	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)