

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: P1462049

Luminaire Tested: PRV-P-30-8540-U-T4W

Issue Date: 06/10/2026

Test Information

Test Method: LM-79-2024
Report Number: P1462049
Test Lab: INNOVATION CENTER(G3)
Issue Date: 6/11/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: PRV-P-30-8540-U-T4W
Description: PREVAIL PETITE DISCRETE LED 1 SQUARE 30W 85CRI 4000k FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (10) 4000k CCT, 85 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3836.9 lumens
Efficiency: N/A
Efficacy: 116.6 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
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

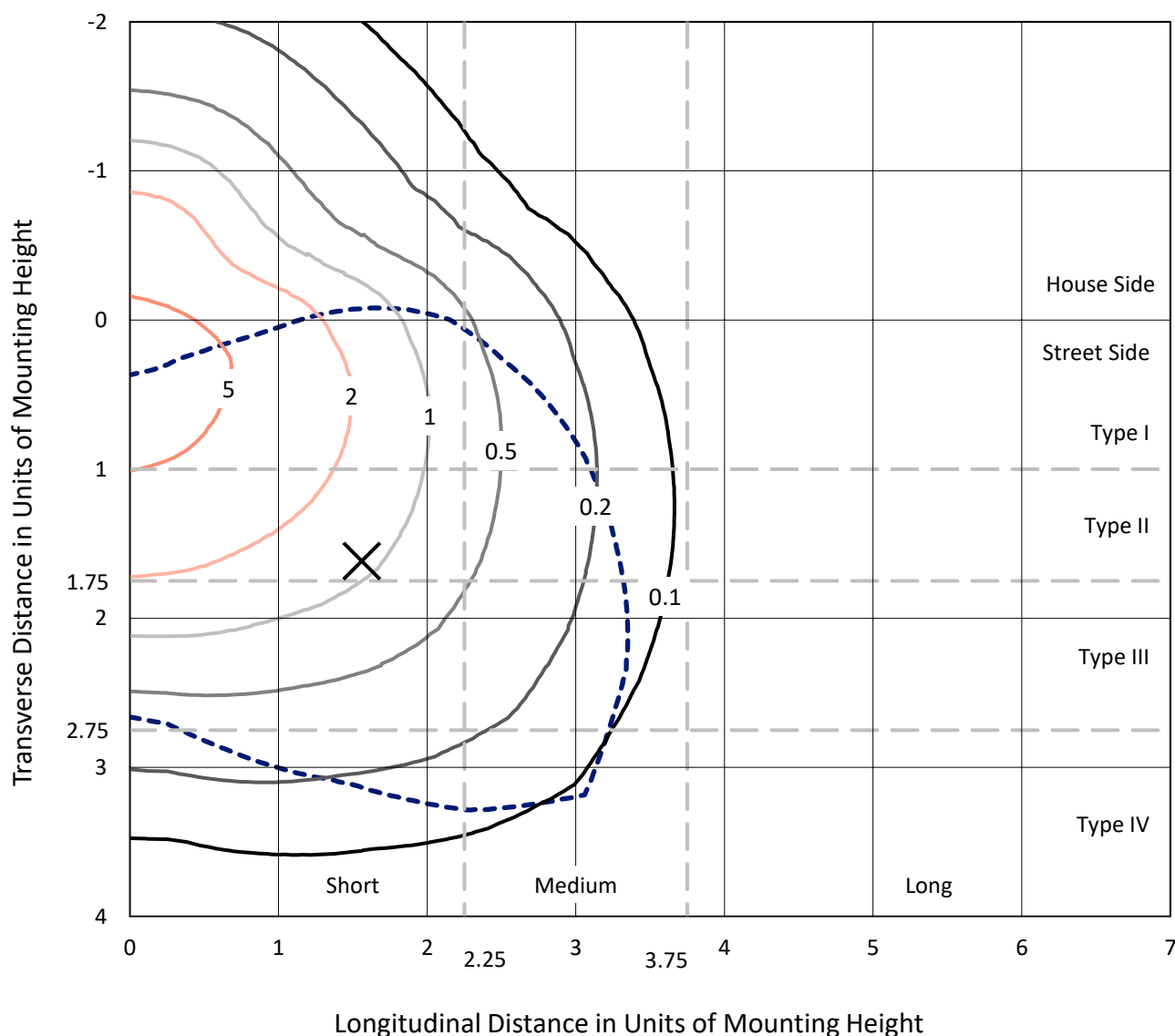
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

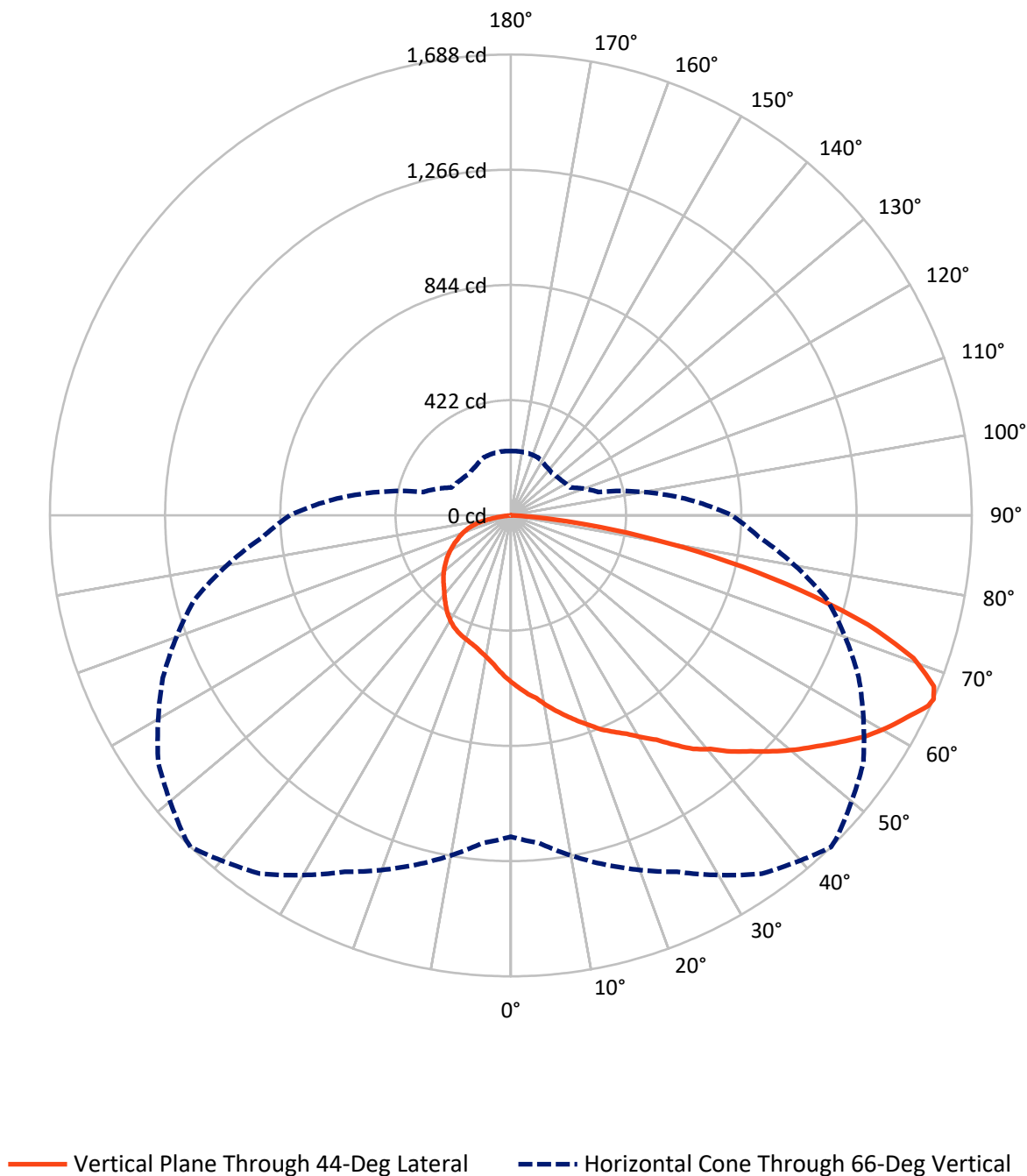


Based on 10 foot mounting height. Maximum calculated value = 7.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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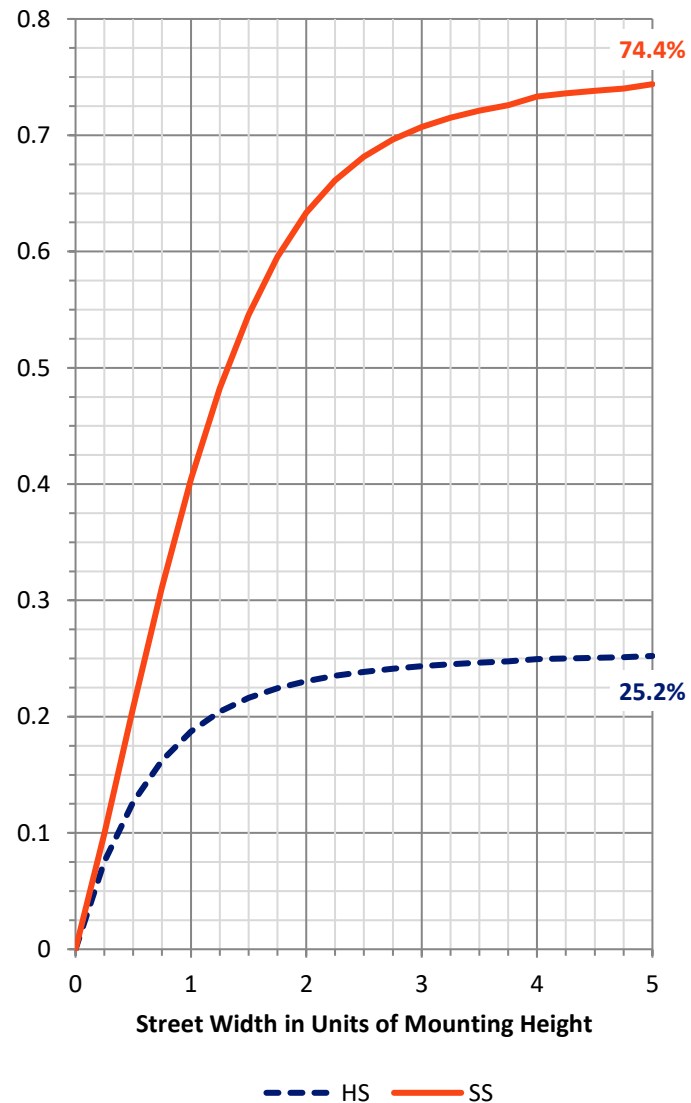
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	972.4	0.0	972.4
	% Fixture	25.3	0.0	25.3
Street Side	Lumens	2864.5	0.0	2864.5
	% Fixture	74.7	0.0	74.7
Total	Lumens	3836.9	0.0	3836.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.6	1.5
10°-20°	180.3	4.7
20°-30°	313.0	8.2
30°-40°	467.0	12.2
40°-50°	638.7	16.6
50°-60°	797.2	20.8
60°-70°	825.0	21.5
70°-80°	479.9	12.5
80°-90°	77.2	2.0
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°	3836.9	100.0
0°-180°	3836.9	100.0

Coefficient of Utilization



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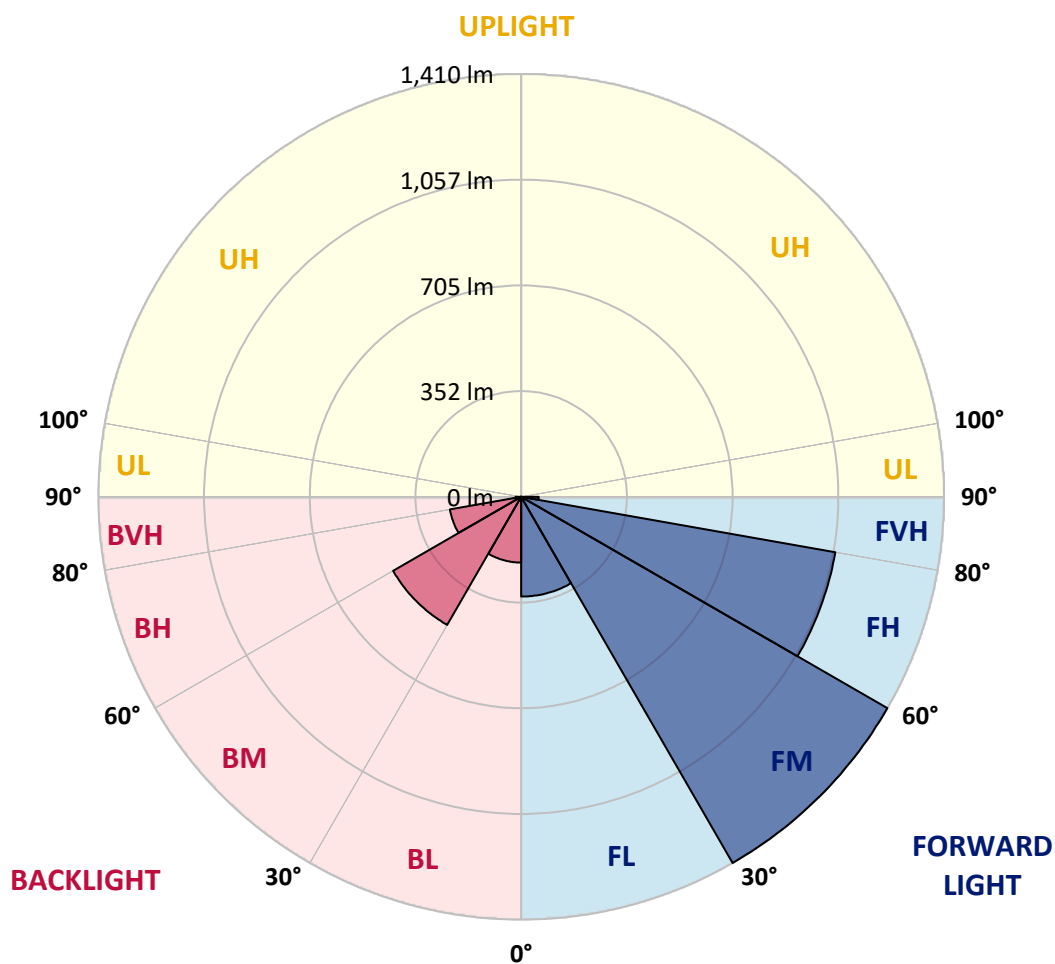
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	332.7	8.7			
FM	(30°-60°)	1409.8	36.7			
FH	(60°-80°)	1063.7	27.7			G1/1800
FVH	(80°-90°)	58.4	1.5			G1/100
BL	(0°-30°)	219.2	5.7	B1/500		
BM	(30°-60°)	493.1	12.9	B1/1000		
BH	(60°-80°)	241.2	6.3	B1/500		G1/500
BVH	(80°-90°)	18.9	0.5			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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	612.5	612.5	612.5	612.5	612.5	612.5	612.5	612.5	612.5	612.5	612.5
2.5°	640.4	640.4	641.6	640.4	637.3	634.2	634.2	631.7	623.0	621.8	615.0
5°	668.9	670.8	668.9	666.4	664.0	657.1	656.5	648.5	635.4	626.1	617.5
7.5°	695.6	698.7	698.7	695.6	686.9	675.7	676.4	667.1	648.5	634.8	622.4
10°	732.8	731.5	733.4	725.3	717.3	705.5	700.5	686.3	666.4	649.1	628.6
12.5°	771.2	767.5	768.1	759.4	748.9	734.0	728.4	707.4	684.4	662.1	636.7
15°	795.4	797.2	799.1	789.2	783.0	761.9	757.6	737.1	704.3	674.5	644.7
17.5°	820.8	816.5	825.1	816.5	811.5	791.0	791.7	761.9	723.5	691.2	654.7
20°	838.2	839.4	843.1	842.5	838.8	819.6	819.6	795.4	750.8	706.1	662.7
22.5°	856.8	857.4	863.0	863.6	858.6	851.8	850.6	821.4	777.4	727.2	673.9
25°	889.0	886.5	889.0	884.0	884.7	878.5	878.5	861.1	810.3	749.5	688.8
27.5°	933.0	933.6	927.4	921.2	913.8	905.7	910.1	890.2	845.6	777.4	704.9
30°	990.0	991.3	983.8	965.9	950.4	942.3	938.6	928.7	882.8	805.9	724.1
32.5°	1075.6	1067.5	1053.3	1024.8	1000.0	979.5	980.7	967.1	925.0	839.4	742.7
35°	1139.5	1133.9	1122.7	1099.2	1070.6	1031.6	1031.6	1008.0	964.6	874.1	761.9
37.5°	1199.6	1200.2	1189.7	1160.5	1138.8	1085.5	1076.8	1045.2	1001.8	907.6	785.5
40°	1295.1	1275.2	1251.7	1222.5	1183.5	1125.2	1121.5	1090.5	1044.0	946.0	809.0
42.5°	1352.7	1341.6	1317.4	1280.2	1233.1	1182.2	1175.4	1134.5	1089.2	985.1	838.8
45°	1431.4	1412.8	1381.2	1355.8	1280.2	1232.4	1226.9	1187.2	1138.8	1027.9	866.1
47.5°	1490.3	1449.4	1441.4	1424.0	1335.4	1290.7	1283.3	1242.4	1190.9	1081.2	900.2
50°	1511.4	1488.5	1497.2	1466.2	1385.0	1349.0	1346.5	1304.4	1243.0	1127.7	931.2
52.5°	1518.9	1524.4	1533.7	1491.0	1433.3	1404.8	1402.3	1362.0	1295.7	1171.1	959.7
55°	1561.0	1559.8	1572.2	1528.8	1494.1	1465.5	1461.8	1426.5	1343.4	1208.9	985.1
57.5°	1599.5	1584.0	1598.2	1565.4	1550.5	1528.2	1527.5	1486.0	1389.3	1239.9	1000.0
60°	1585.2	1562.9	1587.7	1561.0	1580.9	1580.9	1586.4	1533.7	1425.2	1265.9	1007.4
62.5°	1465.5	1464.9	1522.6	1530.6	1599.5	1628.6	1622.4	1562.9	1442.0	1269.0	995.6
65°	1264.1	1287.6	1394.9	1479.2	1606.9	1680.7	1674.5	1574.7	1422.8	1226.2	949.1
66°	1176.7	1205.2	1323.6	1440.1	1601.9	1688.1	1681.9	1576.5	1406.0	1200.8	912.6
67.5°	1024.8	1056.4	1208.3	1371.9	1569.7	1671.4	1673.8	1566.6	1355.8	1137.6	858.0
70°	782.4	815.8	997.5	1186.0	1442.0	1564.1	1563.5	1461.8	1231.8	994.4	726.0
72.5°	566.0	585.8	775.5	955.3	1228.1	1367.6	1375.7	1258.5	1037.8	811.5	573.4
75°	401.7	411.6	556.1	711.7	948.5	1097.3	1088.0	986.3	793.5	608.2	435.2
77.5°	274.0	294.5	394.9	498.4	679.5	811.5	797.9	685.0	562.9	427.1	317.4
80°	171.1	182.9	242.4	308.1	434.0	531.3	533.8	450.7	355.2	291.4	233.1
82.5°	94.2	99.2	141.3	170.5	212.0	279.6	290.1	270.9	220.7	190.3	163.7
85°	26.0	26.0	44.0	50.2	67.6	93.6	93.6	98.0	86.2	68.2	52.7
87.5°	1.2	1.2	1.2	1.9	1.9	1.9	1.9	3.1	2.5	1.2	1.2
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°	612.5	612.5	612.5	612.5	612.5	612.5	612.5	612.5	612.5	612.5	612.5
2.5°	611.9	610.0	605.1	600.7	595.1	592.0	587.7	584.0	582.7	579.0	579.0
5°	610.0	606.9	593.3	584.6	577.2	568.5	564.1	557.9	555.5	551.1	551.7
7.5°	612.5	606.3	587.7	571.0	559.2	546.2	539.4	535.6	531.3	527.6	526.3
10°	616.8	606.9	582.7	559.8	540.6	528.2	519.5	513.3	512.7	510.8	510.2
12.5°	621.2	607.5	579.6	551.1	530.1	514.6	504.6	499.7	500.9	504.0	502.8
15°	628.0	611.3	574.1	539.4	516.4	500.9	494.7	492.2	498.4	500.9	501.5
17.5°	632.3	613.1	567.2	528.8	503.4	491.0	487.9	490.4	496.0	503.4	504.6
20°	637.9	614.4	560.4	517.7	491.6	482.9	485.4	491.6	499.1	509.0	510.8
22.5°	646.0	617.5	556.7	504.6	479.2	475.5	482.9	493.5	501.5	513.9	515.2
25°	655.9	623.0	547.4	491.6	465.0	466.2	480.5	494.1	502.2	513.9	517.7
27.5°	668.9	629.2	541.2	476.7	451.3	456.9	473.6	491.0	500.9	512.7	516.4
30°	681.3	634.8	534.4	461.2	435.2	443.9	464.3	482.3	494.1	504.6	510.2
32.5°	696.2	643.5	528.2	448.2	420.3	429.6	451.9	474.3	486.7	497.2	501.5
35°	710.5	652.2	525.1	435.2	405.4	414.1	436.4	462.5	476.1	482.9	490.4
37.5°	728.4	665.2	523.2	424.0	389.9	396.1	421.6	448.8	463.1	469.9	476.7
40°	751.4	683.2	523.9	412.9	373.8	378.8	406.1	435.8	451.9	455.0	461.2
42.5°	773.7	699.3	525.1	402.3	359.6	362.0	390.6	420.9	434.6	437.1	443.3
45°	798.5	721.6	525.1	389.3	344.7	348.4	375.7	404.8	420.3	421.6	426.5
47.5°	825.8	743.3	522.6	375.7	330.4	334.1	360.8	386.2	400.5	402.3	407.3
50°	853.0	760.7	517.0	358.9	316.2	321.1	343.4	367.0	376.9	380.0	383.7
52.5°	879.1	776.2	503.4	341.6	301.9	305.6	325.5	344.7	352.7	356.5	358.3
55°	898.9	786.7	484.8	322.4	289.5	290.8	305.0	321.1	326.7	326.7	329.8
57.5°	909.5	788.6	458.8	302.5	275.3	275.3	285.2	299.4	301.9	301.3	301.9
60°	912.6	778.0	427.1	283.9	261.0	257.9	266.0	275.3	275.9	275.9	279.0
62.5°	897.1	748.9	389.3	266.0	246.7	239.9	246.1	255.4	257.3	257.3	257.9
65°	845.0	686.9	347.8	248.0	231.2	223.2	228.8	240.5	244.3	243.6	243.0
66°	809.6	656.5	331.0	240.5	225.0	215.7	221.9	234.3	236.2	236.2	235.6
67.5°	749.5	593.9	301.9	229.4	213.9	205.8	212.6	221.9	225.0	226.9	226.9
70°	623.0	489.1	264.1	209.5	194.7	189.1	194.0	200.9	202.7	205.2	204.0
72.5°	491.6	383.1	230.0	189.7	177.3	170.5	173.0	179.2	184.1	186.0	183.5
75°	373.2	297.0	200.2	169.9	158.1	150.0	150.0	148.8	148.8	153.7	146.9
77.5°	280.2	235.0	174.2	144.4	132.0	123.4	118.4	119.6	111.6	105.4	100.4
80°	207.1	178.5	142.6	113.4	99.2	85.6	86.2	89.3	70.1	49.6	24.8
82.5°	146.9	129.6	102.3	77.5	58.9	51.5	51.5	53.9	39.1	14.3	0.0
85°	46.5	44.6	40.3	29.1	26.0	19.8	15.5	14.3	16.1	3.1	0.0
87.5°	1.2	1.2	1.2	1.2	0.6	0.6	0.6	0.6	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)