

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P526075

Luminaire Tested: **GLAN-SA1A-730-U-SL3-GRSBK**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P526075
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-19)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA1A-730-U-SL3-GRSBK
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 3000K, 615mA LIGHTSQUARE WITH 16 LEDS AND TYPE III SPILL
LIGHT ELIMINATOR OPTICS WITH BLACK GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2464 lumens
Efficiency: N/A
Efficacy: 74.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B1 - U0 - G0

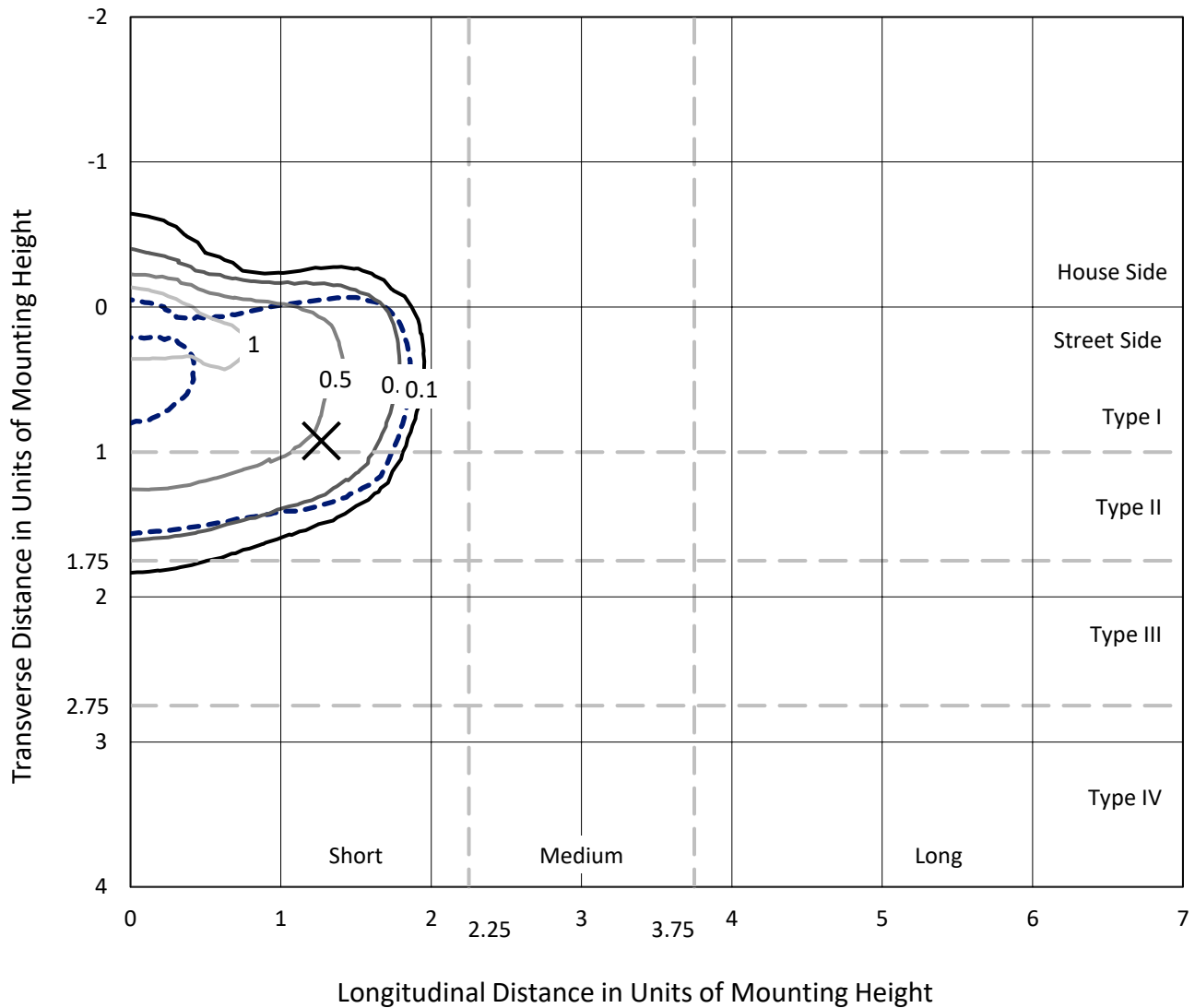
Input Watts (W): 33
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

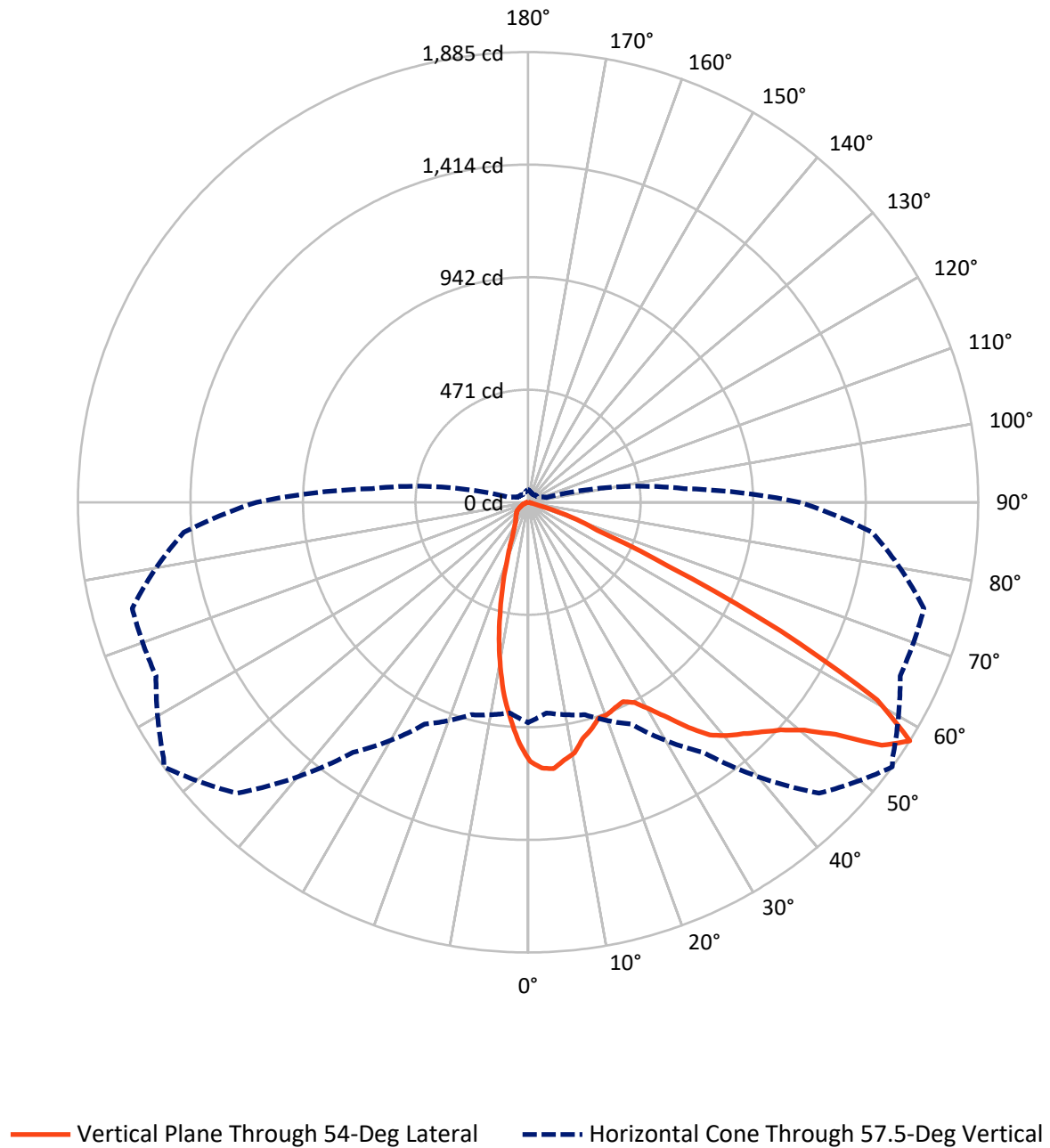


Based on 25 foot mounting height. Maximum calculated value = 1.7 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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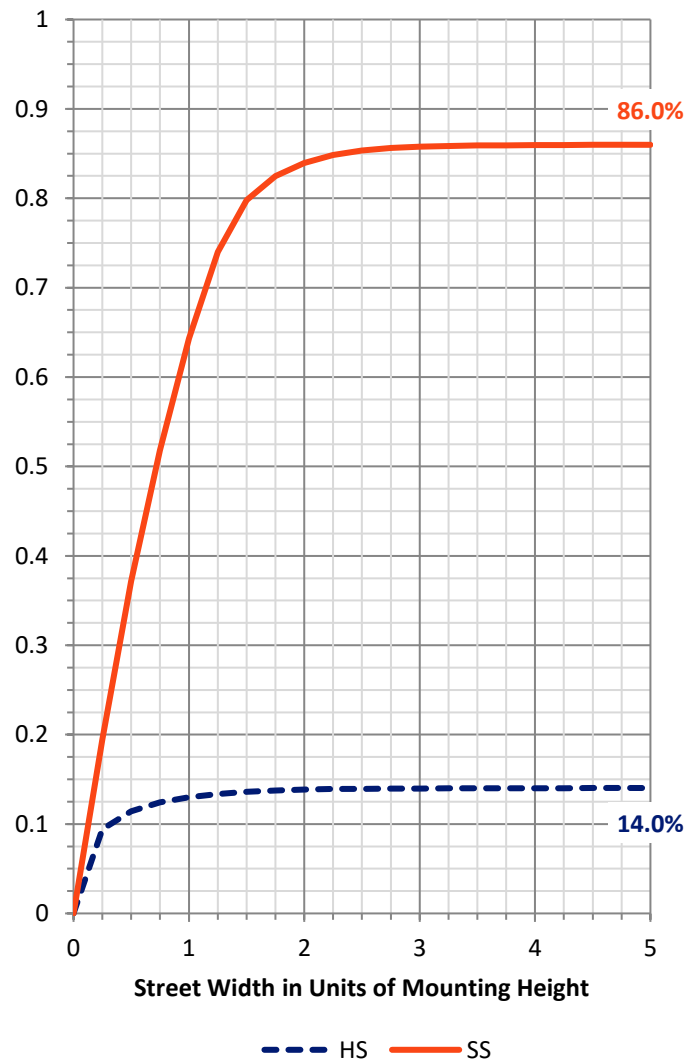
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	348.2	0.0	348.2
	% Fixture	14.1	0.0	14.1
Street Side	Lumens	2115.8	0.0	2115.8
	% Fixture	85.9	0.0	85.9
Total	Lumens	2464.0	0.0	2464.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.8	3.7
10°-20°	193.9	7.9
20°-30°	257.0	10.4
30°-40°	373.5	15.2
40°-50°	553.8	22.5
50°-60°	692.5	28.1
60°-70°	273.2	11.1
70°-80°	27.2	1.1
80°-90°	2.1	0.1
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°	2464.0	100.0
0°-180°	2464.0	100.0

Coefficient of Utilization



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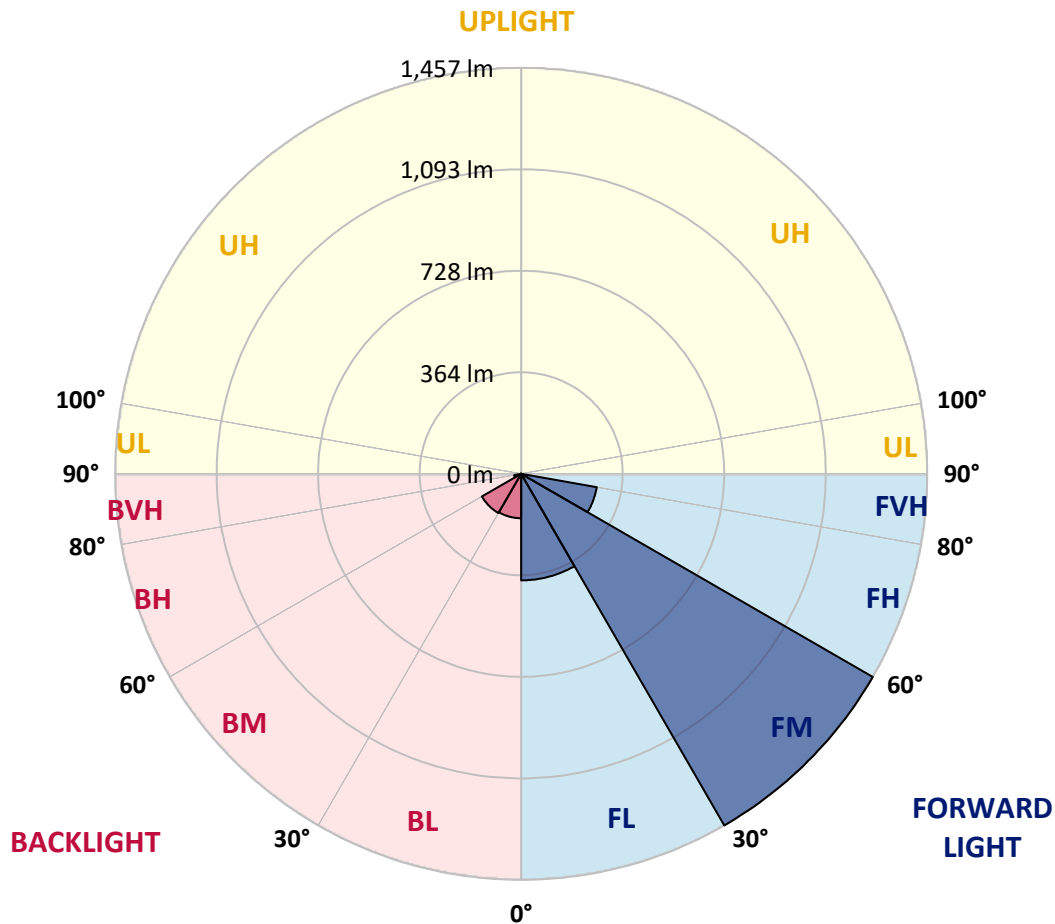
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	382.5	15.5			
FM	(30°-60°)	1457.0	59.1			
FH	(60°-80°)	275.4	11.2			G0/660
FVH	(80°-90°)	1.0	0.0			G0/10
BL	(0°-30°)	159.3	6.5	B1/500		
BM	(30°-60°)	162.8	6.6	B0/220		
BH	(60°-80°)	25.0	1.0	B0/110		G0/110
BVH	(80°-90°)	1.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G0

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	54°	55°	65°	75°	85°
0°	1085.4	1085.4	1085.4	1085.4	1085.4	1085.4	1085.4	1085.4	1085.4	1085.4	1085.4
2.5°	1148.7	1136.7	1137.7	1133.5	1128.0	1132.2	1114.3	1118.4	1118.0	1093.7	1077.6
5°	1119.8	1132.6	1119.3	1130.3	1119.8	1131.2	1120.2	1112.0	1098.7	1080.8	1051.1
7.5°	1070.8	1058.4	1062.1	1075.8	1078.1	1103.8	1090.0	1100.5	1095.0	1059.8	1019.0
10°	972.3	969.5	987.8	1006.2	1028.6	1056.1	1066.6	1060.7	1056.6	1043.3	988.7
12.5°	896.7	904.4	904.0	934.2	972.3	987.8	1015.3	1014.4	1037.3	1012.6	960.3
15°	824.7	828.8	848.1	866.9	909.0	953.5	987.4	992.0	1019.4	1002.0	938.3
17.5°	780.7	774.8	789.9	812.4	855.4	913.6	951.2	962.2	999.7	996.1	913.2
20°	737.2	737.2	749.6	776.2	815.6	881.1	948.0	944.8	999.7	989.2	886.1
22.5°	722.5	729.9	733.1	753.2	800.0	856.3	934.2	940.2	1007.5	986.0	874.2
25°	742.7	733.1	734.0	750.0	794.0	844.4	924.1	937.4	1021.7	1002.0	864.6
27.5°	745.9	755.5	758.3	769.3	798.6	848.1	949.3	976.4	1057.0	1039.6	867.3
30°	773.9	783.5	783.0	801.8	822.0	877.9	1005.7	1011.2	1129.9	1086.8	884.3
32.5°	807.8	817.8	821.1	843.0	859.1	932.4	1074.4	1088.6	1200.0	1161.0	928.7
35°	849.9	846.3	860.9	882.9	917.3	1012.1	1158.3	1182.1	1275.6	1257.2	974.5
37.5°	902.6	898.0	912.2	948.0	994.7	1106.5	1235.7	1251.3	1330.6	1346.6	1059.3
40°	939.7	941.6	984.6	1032.7	1082.2	1196.3	1284.7	1299.9	1369.0	1430.0	1123.5
42.5°	1001.6	1013.0	1064.8	1123.5	1175.2	1263.7	1324.6	1339.3	1386.9	1496.9	1210.0
45°	1091.4	1086.3	1143.6	1209.1	1266.4	1333.8	1371.8	1366.7	1397.4	1563.3	1264.6
47.5°	1206.8	1207.8	1245.8	1301.7	1361.2	1394.7	1424.5	1406.6	1419.4	1633.4	1337.4
50°	1285.6	1292.5	1323.2	1380.5	1410.3	1461.6	1499.6	1488.6	1484.5	1675.6	1383.2
52.5°	1305.8	1326.4	1342.9	1414.4	1484.0	1565.1	1613.7	1637.1	1563.8	1689.8	1441.4
55°	1153.7	1172.0	1230.2	1328.3	1512.0	1729.2	1796.1	1796.5	1667.3	1753.0	1482.2
57.5°	922.3	885.2	920.9	1024.9	1278.3	1722.3	1884.9	1863.4	1719.1	1715.9	1446.9
60°	637.8	628.6	630.9	672.1	884.7	1370.0	1679.7	1707.6	1583.0	1487.2	1145.4
62.5°	505.4	497.6	487.5	482.9	549.4	853.6	1184.8	1224.3	1107.0	964.5	679.0
65°	395.9	391.3	392.7	411.0	410.5	484.3	647.9	631.8	505.8	373.9	213.5
67.5°	267.1	274.0	279.5	334.9	363.3	337.2	312.9	303.8	164.5	69.2	47.2
70°	150.3	151.2	157.2	209.4	275.8	261.6	215.8	215.8	82.0	25.2	27.0
72.5°	82.0	79.3	73.8	90.3	122.8	124.6	96.2	83.8	24.3	16.5	15.1
75°	39.9	39.4	33.9	27.9	26.6	22.0	17.0	15.6	11.0	10.5	9.2
77.5°	8.2	7.8	4.1	4.1	4.6	5.0	6.4	6.4	7.8	7.8	6.4
80°	0.0	0.0	0.5	1.8	3.2	4.6	5.5	5.5	6.4	6.4	5.0
82.5°	0.0	0.0	0.5	1.4	2.7	4.1	5.0	5.5	6.4	6.9	5.5
85°	0.0	0.0	0.0	0.9	2.3	3.2	2.7	2.7	2.3	1.8	0.9
87.5°	0.0	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

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1085.4	1085.4	1085.4	1085.4	1085.4	1085.4	1085.4	1085.4	1085.4	1085.4	1085.4
2.5°	1069.4	1068.5	1047.4	1035.5	1013.9	995.2	980.0	969.0	969.0	962.2	955.8
5°	1039.1	1031.4	986.5	957.6	916.8	886.6	866.0	849.9	824.7	831.6	804.6
7.5°	1001.6	981.9	922.3	878.3	822.0	778.9	734.9	696.0	658.4	641.5	650.6
10°	961.3	926.9	846.7	777.1	707.0	628.2	576.8	514.5	476.0	473.8	463.7
12.5°	918.6	879.7	782.1	685.9	593.8	499.0	420.6	362.4	336.3	307.4	312.9
15°	886.6	828.8	710.2	594.3	471.9	376.2	297.4	252.5	227.7	220.8	218.6
17.5°	851.8	789.9	636.9	496.7	370.2	270.8	214.0	192.4	182.8	182.8	181.4
20°	815.6	745.9	564.0	405.9	277.7	202.1	171.4	164.5	164.0	163.6	163.6
22.5°	791.7	695.5	498.0	322.6	209.4	161.7	148.9	146.2	148.0	153.5	153.5
25°	766.5	646.9	425.2	248.8	162.2	138.8	131.5	133.3	137.9	143.0	141.1
27.5°	740.9	615.3	356.5	195.2	132.9	121.4	118.7	122.8	127.8	132.4	131.0
30°	734.9	581.4	291.4	148.0	114.1	105.8	107.7	111.3	116.4	118.2	120.0
32.5°	744.1	554.9	238.7	121.4	99.4	97.1	97.1	99.0	102.2	106.3	104.9
35°	770.2	539.7	188.8	105.4	91.2	88.9	88.4	90.3	92.1	93.5	92.1
37.5°	810.1	527.8	154.4	93.5	85.7	82.0	81.1	80.6	82.5	82.9	83.8
40°	860.9	534.2	131.0	86.1	80.2	76.1	73.3	73.3	73.3	74.7	75.1
42.5°	915.9	542.9	113.2	82.0	75.1	70.1	67.4	66.4	67.4	69.2	68.7
45°	973.6	559.9	101.7	75.6	70.6	64.1	60.5	59.6	61.9	65.5	65.1
47.5°	1027.7	584.2	93.0	71.5	66.0	60.0	55.4	54.5	58.6	63.7	64.1
50°	1081.8	626.3	89.8	68.3	62.8	55.9	51.8	50.9	55.4	61.9	63.2
52.5°	1144.1	671.7	87.5	64.1	59.1	52.7	48.1	47.2	52.2	60.5	60.9
55°	1184.8	710.2	85.7	56.8	52.2	47.7	44.0	43.5	49.0	56.4	58.2
57.5°	1137.2	656.6	79.3	49.5	44.4	42.2	38.9	38.9	43.5	50.4	51.8
60°	862.3	432.1	56.4	39.9	37.6	36.2	34.8	34.8	38.5	43.5	44.0
62.5°	504.9	232.8	36.2	32.1	32.1	30.7	28.4	28.4	32.1	34.8	35.3
65°	149.8	74.7	29.3	27.5	27.0	24.7	22.5	22.0	24.7	26.1	25.7
67.5°	43.1	34.4	24.3	22.9	22.5	18.8	17.4	17.0	17.4	16.5	16.0
70°	25.7	23.4	18.8	19.2	17.0	13.7	12.4	11.9	11.0	9.6	8.7
72.5°	14.2	14.2	13.7	14.7	11.9	9.2	7.8	6.4	5.0	4.1	3.7
75°	8.7	9.2	9.6	10.1	7.8	6.0	5.0	3.2	1.8	0.9	0.9
77.5°	6.0	6.4	6.9	7.3	6.4	5.5	4.1	2.3	0.5	0.0	0.0
80°	4.6	5.0	6.0	6.4	6.9	7.3	5.5	2.3	0.5	0.0	0.0
82.5°	5.0	5.5	6.9	6.4	6.4	6.4	5.0	2.3	0.5	0.0	0.0
85°	0.9	1.4	2.3	2.3	3.2	4.1	3.2	0.9	0.0	0.0	0.0
87.5°	0.0	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)