

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: P853400

Luminaire Tested: **CRTK-N-40-730-U-T2R**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853400
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-111-1)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK-N-40-730-U-T2R
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5527 lumens
Efficiency: N/A
Efficacy: 131.3 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

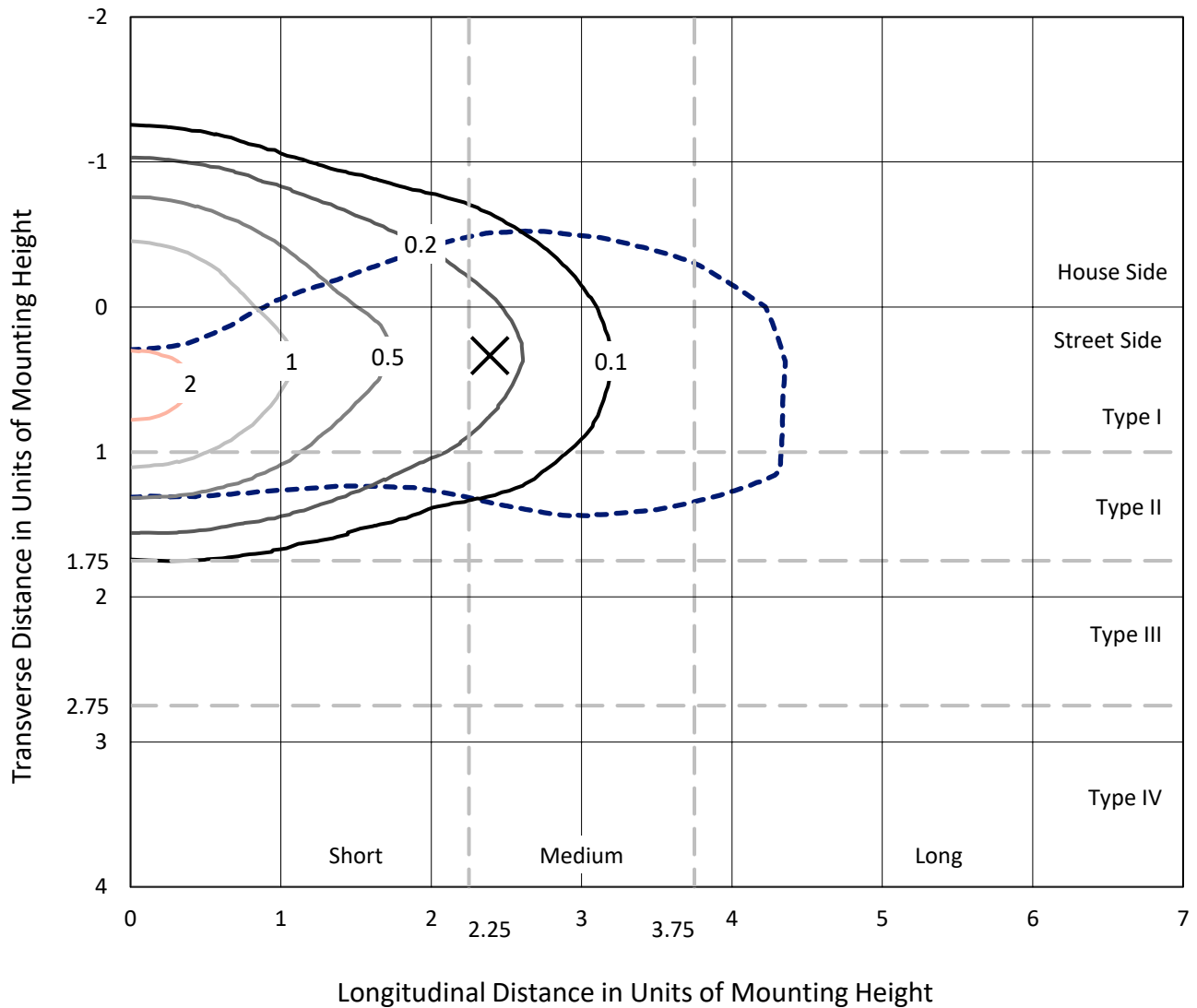
Input Watts (W): 42.1
Input Voltage (V): 120.0
Input Current (Ain): 0.352
Voltage Rise (V): NR
Power Factor: 0.996
Total Harmonic Distortion (THDi): 7.54%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

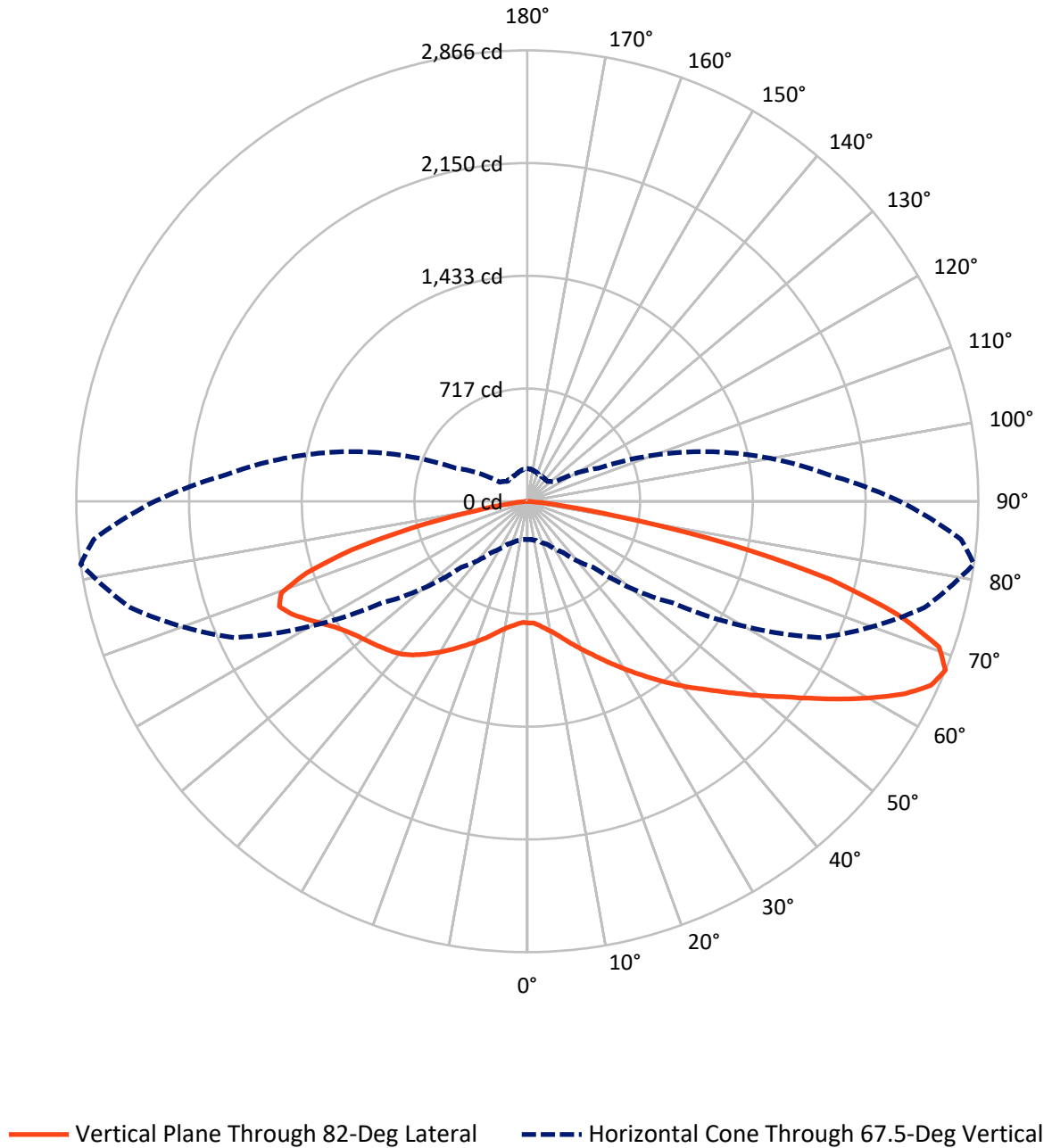
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.4 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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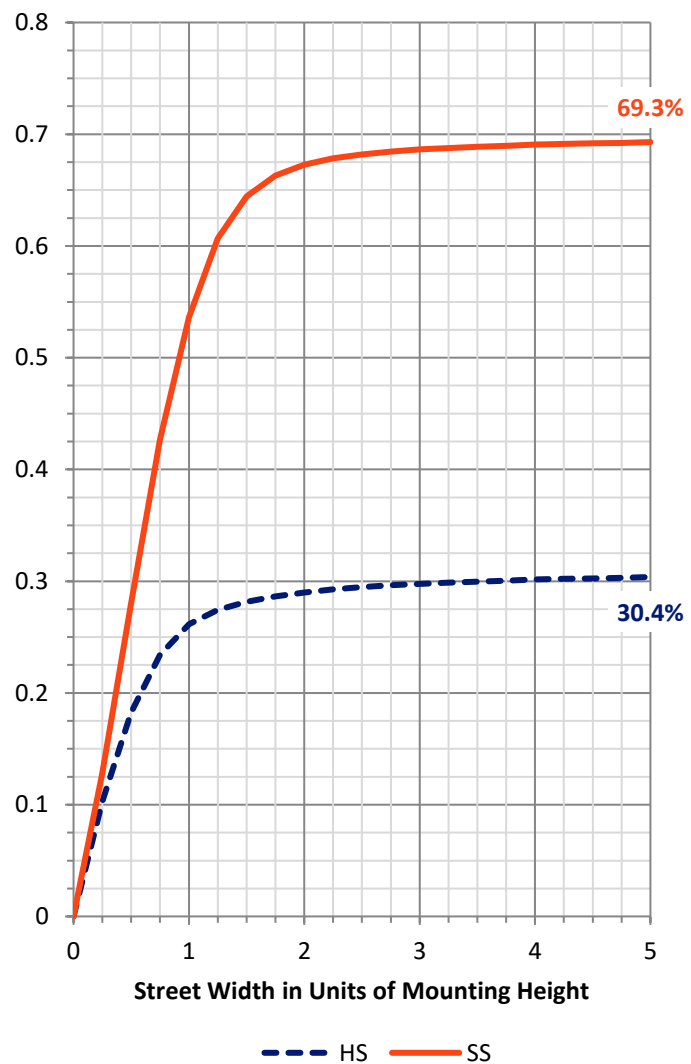
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1694.0	0.0	1694.0
	% Fixture	30.6	0.0	30.6
Street Side	Lumens	3833.0	0.0	3833.0
	% Fixture	69.4	0.0	69.4
Total	Lumens	5527.0	0.0	5527.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.1	1.4
10°-20°	288.3	5.2
20°-30°	579.7	10.5
30°-40°	913.7	16.5
40°-50°	1119.6	20.3
50°-60°	1065.9	19.3
60°-70°	894.4	16.2
70°-80°	529.5	9.6
80°-90°	55.9	1.0
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°	5527.0	100.0
0°-180°	5527.0	100.0

Coefficient of Utilization

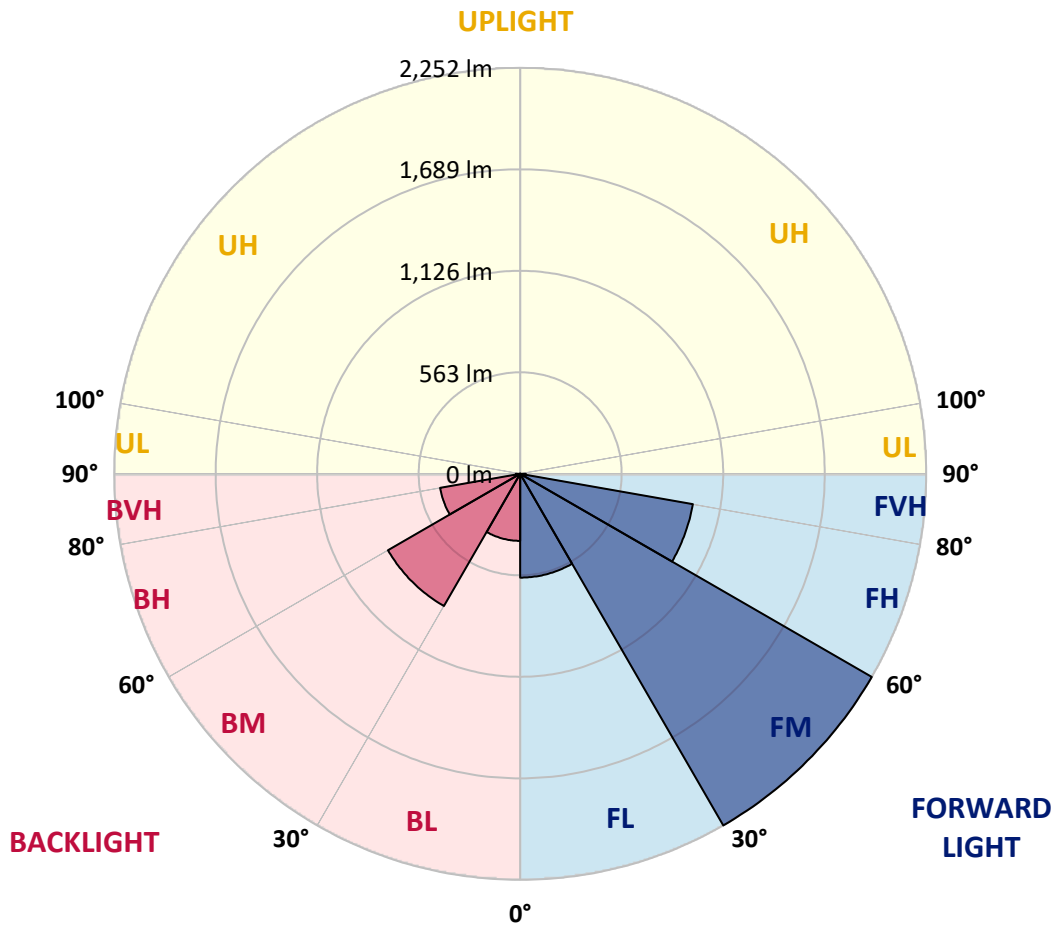


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	575.9	10.4			
FM (30°-60°)	2252.4	40.8			
FH (60°-80°)	972.9	17.6			G1/1800
FVH (80°-90°)	31.8	0.6			G1/100
BL (0°-30°)	372.1	6.7	B1/500		
BM (30°-60°)	846.8	15.3	B1/1000		
BH (60°-80°)	450.9	8.2	B1/500		G1/500
BVH (80°-90°)	24.2	0.4			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°	82°	85°
0°	773.5	773.5	773.5	773.5	773.5	773.5	773.5	773.5	773.5	773.5	773.5
2.5°	808.9	810.4	813.5	810.4	808.9	802.7	796.6	793.5	787.3	775.0	772.0
5°	884.2	885.8	888.8	876.5	870.4	853.5	838.1	824.3	808.9	792.0	788.9
7.5°	976.5	982.6	978.0	959.6	941.1	916.5	890.4	865.8	838.1	816.6	810.4
10°	1079.5	1088.8	1079.5	1051.8	1027.2	987.3	947.3	910.4	870.4	841.2	833.5
12.5°	1201.0	1202.6	1197.9	1159.5	1125.7	1070.3	1014.9	965.7	913.4	875.0	864.2
15°	1333.3	1344.0	1328.6	1281.0	1233.3	1162.6	1091.8	1028.8	964.2	916.5	904.2
17.5°	1476.3	1480.9	1468.6	1410.2	1350.2	1261.0	1173.3	1094.9	1016.5	961.1	945.7
20°	1625.4	1628.5	1613.1	1536.3	1470.1	1364.0	1259.4	1164.1	1071.8	1007.3	987.3
22.5°	1779.2	1783.8	1756.2	1676.2	1594.7	1474.7	1351.7	1234.8	1133.3	1058.0	1033.4
25°	1963.8	1963.8	1928.4	1833.0	1734.6	1597.8	1457.8	1321.0	1201.0	1114.9	1084.1
27.5°	2152.9	2143.7	2112.9	2003.7	1885.3	1728.5	1571.6	1419.4	1277.9	1176.4	1141.0
30°	2323.6	2322.1	2285.2	2166.7	2031.4	1857.6	1683.9	1519.3	1359.4	1242.5	1202.6
32.5°	2448.2	2449.7	2415.9	2306.7	2163.7	1983.7	1796.1	1617.8	1439.4	1311.7	1270.2
35°	2538.9	2538.9	2511.2	2414.3	2279.0	2103.7	1913.0	1722.3	1527.0	1387.1	1342.5
37.5°	2568.1	2562.0	2549.7	2475.8	2359.0	2205.2	2028.3	1833.0	1619.3	1465.5	1411.7
40°	2523.5	2511.2	2523.5	2478.9	2394.3	2277.5	2128.3	1945.3	1716.2	1548.6	1484.0
42.5°	2428.2	2411.3	2435.9	2414.3	2377.4	2314.4	2203.7	2051.4	1817.7	1631.6	1556.2
45°	2303.6	2280.5	2309.8	2305.1	2299.0	2303.6	2248.2	2145.2	1928.4	1723.9	1639.3
47.5°	2120.6	2086.8	2148.3	2172.9	2194.4	2243.6	2252.9	2220.6	2045.3	1830.0	1730.0
50°	1823.8	1797.7	1905.3	1996.0	2063.7	2146.8	2212.9	2263.6	2163.7	1943.8	1830.0
52.5°	1444.0	1416.3	1562.4	1748.5	1899.2	2028.3	2129.8	2272.9	2277.5	2065.2	1943.8
55°	1050.3	1059.5	1194.9	1417.8	1674.7	1891.5	2025.3	2249.8	2382.0	2211.3	2082.2
57.5°	745.8	753.5	870.4	1056.5	1384.0	1714.6	1926.8	2197.5	2482.0	2371.3	2242.1
60°	509.0	532.1	618.2	759.7	1056.5	1471.7	1826.9	2134.5	2557.3	2532.7	2411.3
62.5°	373.7	386.0	439.8	545.9	753.5	1164.1	1677.7	2089.9	2606.6	2694.2	2557.3
65°	290.6	296.8	327.5	398.3	539.8	847.3	1439.4	2080.6	2625.0	2820.3	2705.0
67.5°	243.0	243.0	259.9	301.4	396.7	593.6	1125.7	2051.4	2612.7	2866.4	2766.5
70°	204.5	203.0	216.8	243.0	298.3	422.9	793.5	1913.0	2546.6	2775.7	2689.6
72.5°	166.1	166.1	184.5	201.5	233.7	307.6	519.8	1616.2	2346.7	2463.5	2400.5
75°	133.8	132.2	146.1	169.2	184.5	224.5	326.0	1176.4	1999.1	1991.4	1923.8
77.5°	103.0	101.5	113.8	138.4	149.2	166.1	212.2	708.9	1387.1	1317.9	1322.5
80°	78.4	75.4	83.0	101.5	104.6	107.6	118.4	289.1	622.8	569.0	567.4
82.5°	49.2	49.2	52.3	64.6	61.5	63.0	53.8	96.9	219.9	187.6	193.8
85°	18.5	18.5	23.1	27.7	24.6	23.1	16.9	21.5	33.8	26.1	24.6
87.5°	1.5	1.5	1.5	3.1	3.1	3.1	1.5	1.5	1.5	1.5	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°	773.5	773.5	773.5	773.5	773.5	773.5	773.5	773.5	773.5	773.5	773.5
2.5°	770.4	770.4	770.4	772.0	767.4	764.3	759.7	756.6	756.6	758.1	761.2
5°	784.3	782.7	781.2	781.2	776.6	773.5	770.4	767.4	767.4	770.4	770.4
7.5°	802.7	799.6	795.0	795.0	792.0	788.9	787.3	784.3	785.8	787.3	788.9
10°	822.7	818.1	813.5	813.5	810.4	807.3	807.3	802.7	804.3	805.8	807.3
12.5°	850.4	845.8	836.6	839.6	836.6	833.5	830.4	825.8	822.7	825.8	825.8
15°	885.8	878.1	868.9	871.9	867.3	861.2	856.5	847.3	844.2	844.2	845.8
17.5°	922.7	913.4	901.1	904.2	896.5	885.8	875.0	864.2	859.6	858.1	858.1
20°	961.1	947.3	931.9	935.0	919.6	902.7	887.3	868.9	861.2	858.1	858.1
22.5°	999.6	984.2	964.2	961.1	938.1	911.9	887.3	864.2	850.4	847.3	845.8
25°	1044.2	1024.2	998.0	988.8	955.0	916.5	881.2	851.9	835.0	830.4	828.9
27.5°	1093.4	1067.2	1033.4	1011.9	964.2	911.9	865.8	830.4	810.4	802.7	802.7
30°	1142.6	1111.8	1065.7	1028.8	962.7	896.5	841.2	798.1	775.0	764.3	764.3
32.5°	1197.9	1156.4	1096.4	1036.5	951.9	871.9	807.3	758.1	730.4	718.1	716.6
35°	1257.9	1207.2	1122.6	1039.5	935.0	841.2	768.9	715.1	687.4	672.0	670.5
37.5°	1321.0	1256.4	1142.6	1034.9	911.9	805.8	727.4	673.6	636.6	612.0	610.5
40°	1377.9	1302.5	1158.0	1022.6	882.7	767.4	684.3	612.0	561.3	533.6	530.5
42.5°	1430.1	1334.8	1165.6	1004.2	850.4	721.2	624.3	533.6	481.3	453.6	452.1
45°	1487.0	1368.6	1164.1	982.6	807.3	668.9	549.0	456.7	410.6	387.5	386.0
47.5°	1548.6	1402.5	1164.1	958.0	759.7	601.3	473.6	390.6	347.5	327.5	326.0
50°	1613.1	1439.4	1159.5	928.8	704.3	521.3	399.8	327.5	293.7	278.3	278.3
52.5°	1690.0	1479.4	1158.0	893.5	638.2	442.9	333.7	276.8	250.7	243.0	243.0
55°	1782.3	1528.6	1161.0	850.4	561.3	366.0	281.4	241.4	226.1	223.0	223.0
57.5°	1897.6	1591.6	1170.3	802.7	476.7	299.9	243.0	221.4	216.8	215.3	215.3
60°	2026.8	1668.5	1187.2	748.9	395.2	250.7	219.9	212.2	210.7	216.8	216.8
62.5°	2162.1	1754.6	1214.9	679.7	322.9	216.8	206.1	203.0	204.5	215.3	215.3
65°	2288.2	1843.8	1237.9	599.7	259.9	196.8	193.8	193.8	201.5	213.8	213.8
67.5°	2368.2	1923.8	1216.4	498.2	212.2	179.9	181.5	183.0	195.3	206.1	207.6
70°	2337.4	1919.2	1090.3	376.8	175.3	164.5	169.2	172.2	179.9	195.3	199.9
72.5°	2123.7	1743.9	845.8	256.8	147.6	147.6	155.3	159.9	164.5	179.9	189.1
75°	1771.5	1413.2	564.4	169.2	123.0	133.8	141.5	143.0	147.6	161.5	166.1
77.5°	1239.5	922.7	310.6	113.8	96.9	109.2	118.4	124.6	130.7	136.9	139.9
80°	542.8	410.6	149.2	75.4	72.3	81.5	89.2	101.5	112.3	123.0	124.6
82.5°	178.4	144.6	67.7	43.1	43.1	52.3	60.0	75.4	87.7	104.6	104.6
85°	24.6	18.5	20.0	16.9	18.5	24.6	30.8	40.0	44.6	44.6	38.4
87.5°	3.1	3.1	3.1	3.1	3.1	4.6	4.6	4.6	3.1	3.1	1.5
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)