

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: P853349

Luminaire Tested: **CRTK-N-30-730-U-T3**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853349
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-111-7)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK-N-30-730-U-T3
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

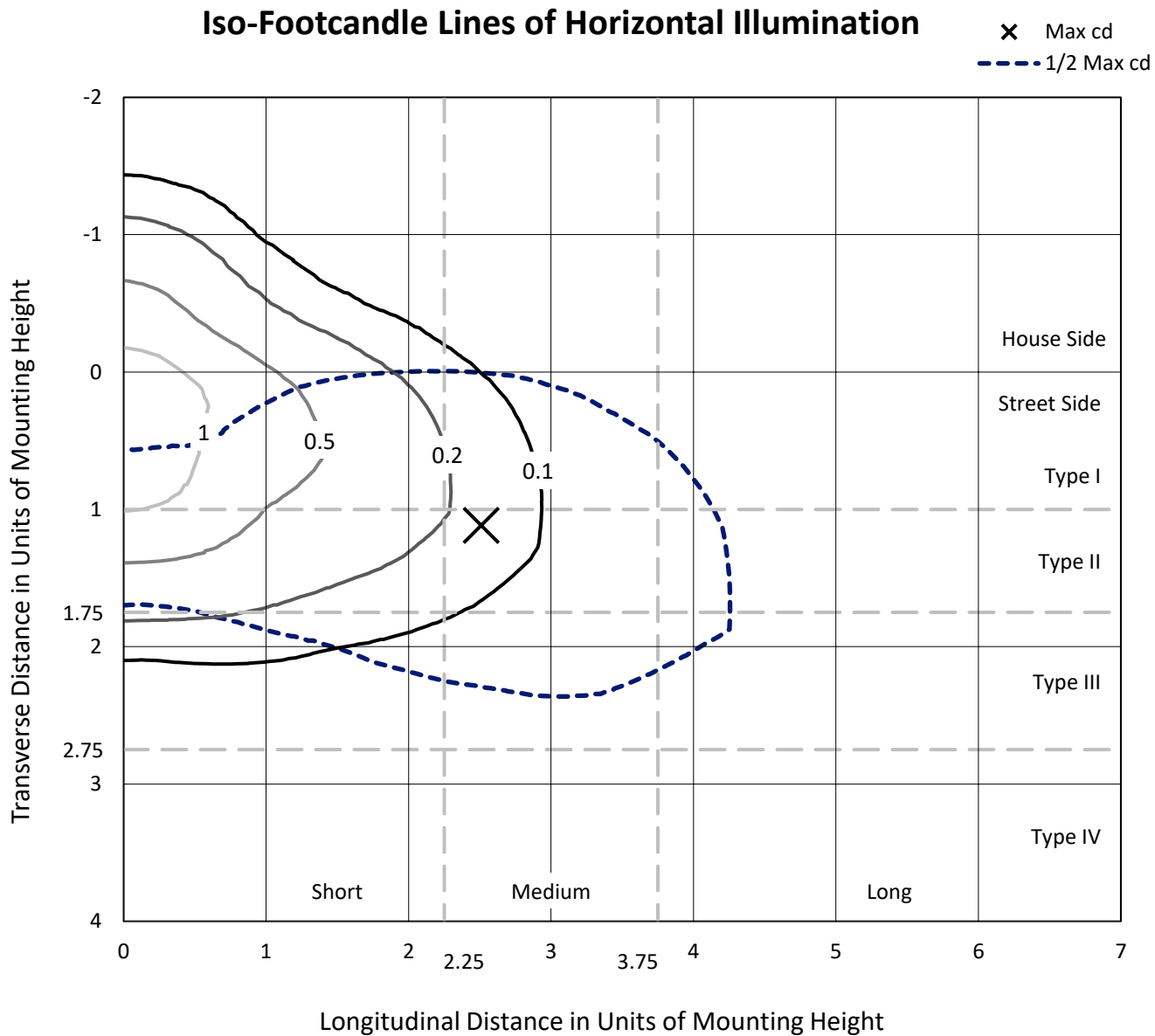
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4460 lumens
Efficiency: N/A
Efficacy: 138.1 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 32.3
Input Voltage (V): 120.0
Input Current (Ain): 0.271
Voltage Rise (V): NR
Power Factor: 0.993
Total Harmonic Distortion (THDi): 10.1%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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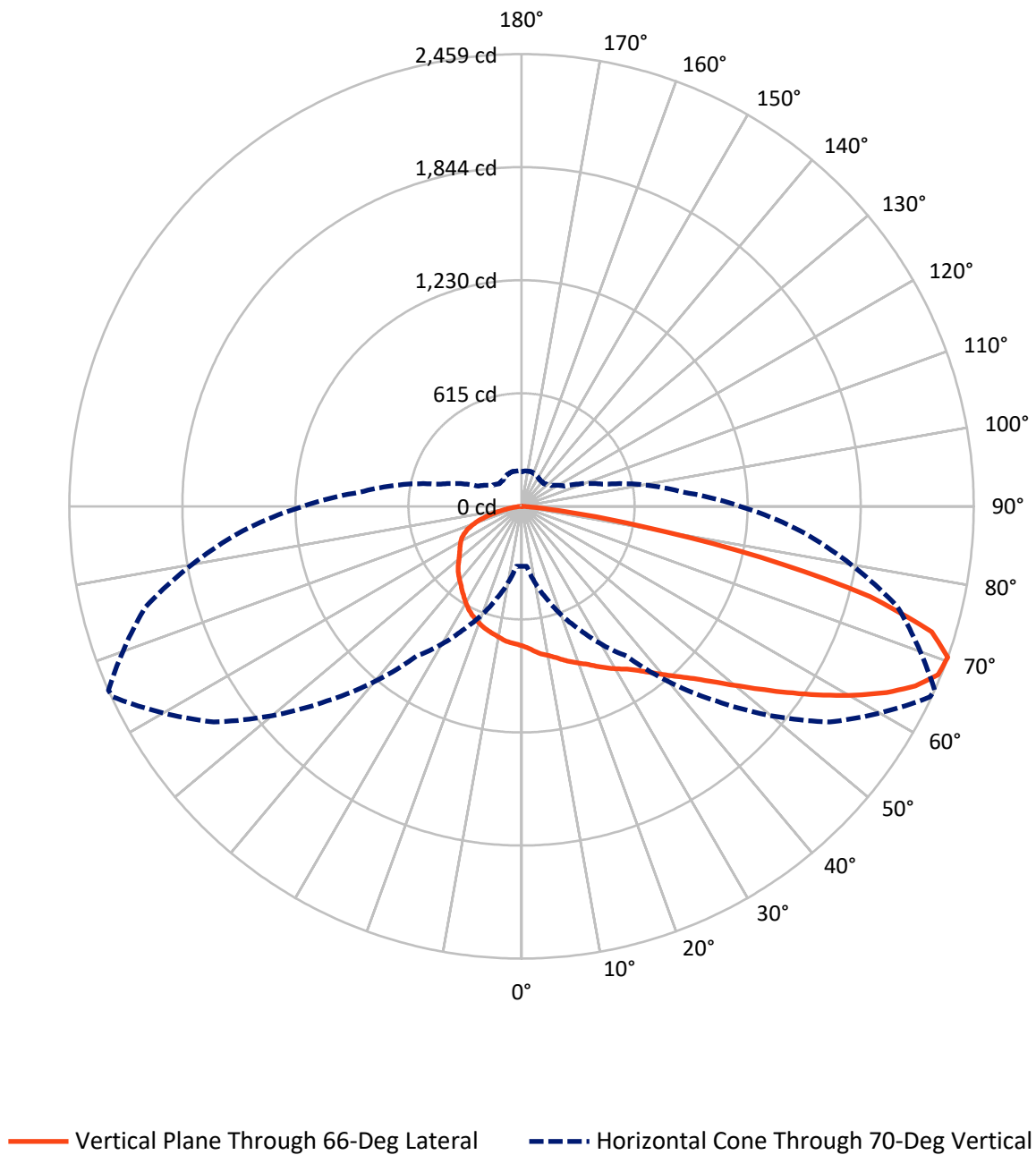


Based on 25 foot mounting height. Maximum calculated value = 1.3 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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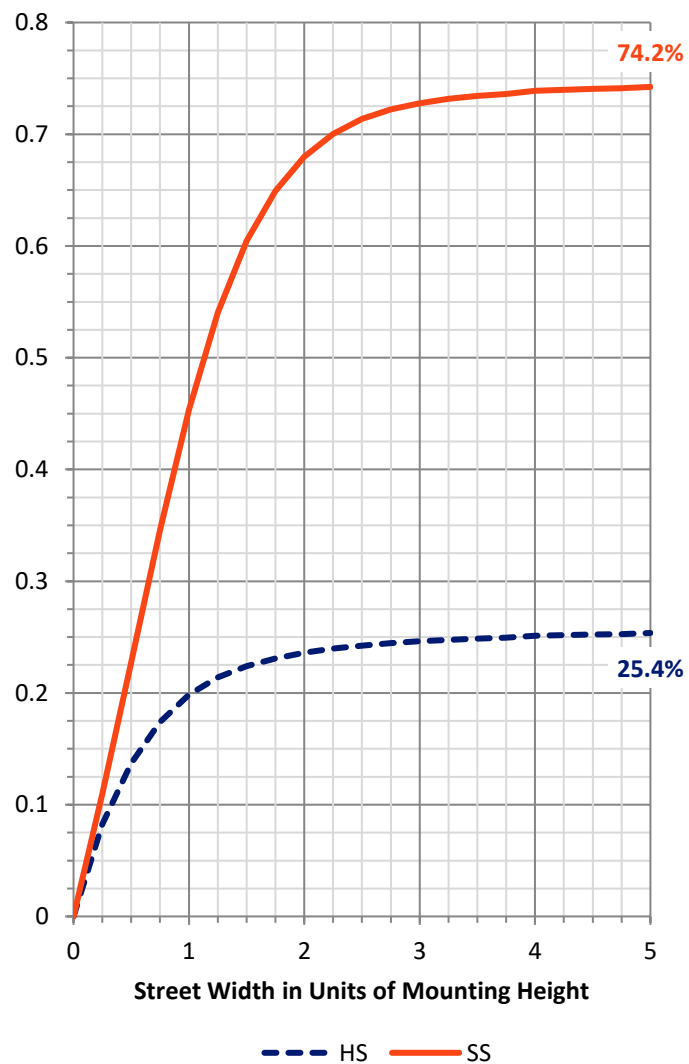
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1143.3	0.0	1143.3
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	3316.7	0.0	3316.7
	% Fixture	74.4	0.0	74.4
Total	Lumens	4460.0	0.0	4460.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.9	1.6
10°-20°	218.3	4.9
20°-30°	369.2	8.3
30°-40°	560.6	12.6
40°-50°	764.5	17.1
50°-60°	909.2	20.4
60°-70°	930.6	20.9
70°-80°	573.1	12.8
80°-90°	61.7	1.4
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°	4460.0	100.0
0°-180°	4460.0	100.0

Coefficient of Utilization



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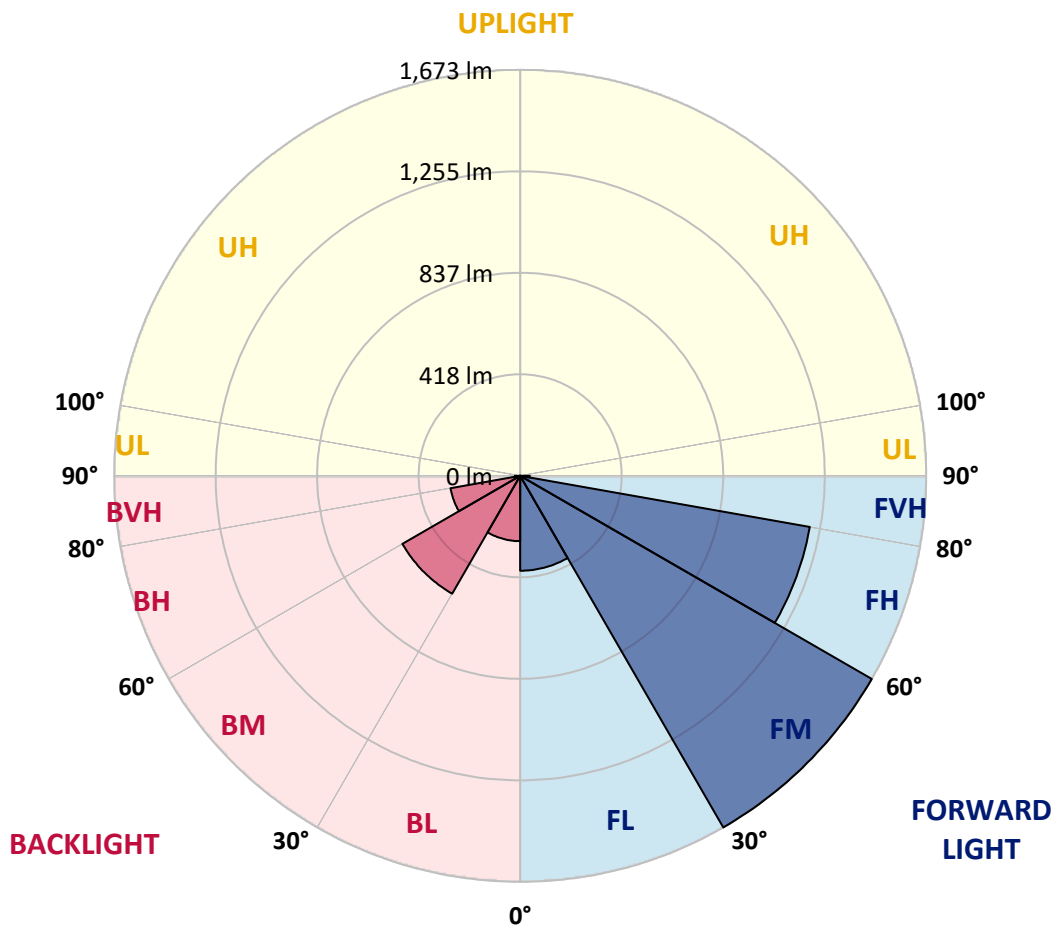
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	391.1	8.8			
FM	(30°-60°)	1673.5	37.5			
FH	(60°-80°)	1212.3	27.2			G1/1800
FVH	(80°-90°)	39.8	0.9			G1/100
BL	(0°-30°)	269.3	6.0	B1/500		
BM	(30°-60°)	560.8	12.6	B1/1000		
BH	(60°-80°)	291.4	6.5	B1/500		G1/500
BVH	(80°-90°)	21.9	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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	758.6	758.6	758.6	758.6	758.6	758.6	758.6	758.6	758.6	758.6	758.6
2.5°	778.6	781.1	786.1	782.3	784.8	778.6	773.6	774.8	773.6	768.6	756.2
5°	809.7	811.0	818.4	813.5	812.2	807.2	797.3	793.5	793.5	783.6	764.9
7.5°	837.1	838.4	845.8	838.4	838.4	829.7	819.7	812.2	812.2	796.0	772.3
10°	854.6	855.8	862.0	859.5	860.8	849.6	837.1	827.2	825.9	808.5	777.3
12.5°	874.5	875.7	884.5	880.7	882.0	874.5	860.8	845.8	844.6	823.4	784.8
15°	891.9	893.2	900.7	900.7	905.6	896.9	885.7	870.8	868.3	840.9	794.8
17.5°	903.2	904.4	915.6	918.1	925.6	920.6	910.6	893.2	889.4	858.3	804.7
20°	915.6	918.1	928.1	930.6	941.8	941.8	933.0	914.4	910.6	874.5	814.7
22.5°	940.5	945.5	951.7	950.5	960.5	961.7	955.5	939.3	934.3	895.7	827.2
25°	1006.5	1014.0	1014.0	996.6	994.1	987.9	981.6	969.2	964.2	923.1	843.4
27.5°	1122.4	1121.2	1113.7	1077.6	1045.2	1022.7	1014.0	1000.3	995.3	948.0	859.5
30°	1245.7	1244.5	1234.5	1180.9	1118.7	1061.4	1046.4	1031.5	1025.2	971.7	874.5
32.5°	1364.1	1362.8	1356.6	1294.3	1203.4	1112.4	1087.5	1065.1	1055.1	1000.3	895.7
35°	1461.2	1461.2	1456.3	1392.7	1279.4	1177.2	1134.9	1105.0	1096.2	1037.7	928.1
37.5°	1549.7	1550.9	1547.2	1477.4	1347.9	1239.5	1192.2	1158.5	1147.3	1083.8	962.9
40°	1673.0	1664.3	1659.3	1563.4	1412.7	1296.8	1253.2	1218.3	1204.6	1128.6	992.8
42.5°	1767.7	1778.9	1737.8	1639.4	1477.4	1350.4	1315.5	1281.9	1266.9	1179.7	1031.5
45°	1803.8	1796.3	1766.4	1683.0	1578.3	1403.9	1380.3	1355.3	1339.2	1244.5	1081.3
47.5°	1818.8	1803.8	1765.2	1707.9	1674.3	1471.2	1452.5	1446.3	1428.8	1321.7	1138.6
50°	1782.6	1767.7	1752.7	1721.6	1707.9	1531.0	1531.0	1554.7	1536.0	1408.9	1202.1
52.5°	1688.0	1684.2	1699.2	1715.4	1674.3	1572.1	1623.2	1674.3	1656.8	1506.1	1270.6
55°	1513.6	1518.5	1600.8	1668.0	1649.3	1607.0	1722.8	1810.0	1791.4	1614.5	1337.9
57.5°	1366.6	1364.1	1435.1	1594.5	1617.0	1651.8	1833.7	1957.0	1935.9	1729.1	1405.2
60°	1197.1	1197.1	1279.4	1471.2	1574.6	1694.2	1947.1	2106.5	2085.3	1848.7	1474.9
62.5°	975.4	971.7	1114.9	1306.8	1499.9	1717.9	2045.5	2246.0	2228.6	1960.8	1527.3
65°	738.7	736.2	926.8	1149.8	1385.2	1704.2	2114.0	2361.9	2353.2	2056.7	1564.6
67.5°	485.8	488.3	715.0	964.2	1220.8	1638.1	2124.0	2446.6	2442.9	2116.5	1569.6
70°	325.1	326.4	517.0	735.0	992.8	1496.1	2044.2	2451.6	2459.1	2117.7	1521.0
72.5°	233.0	235.4	361.3	520.7	692.6	1237.0	1869.8	2307.1	2332.0	1993.2	1362.8
75°	161.9	164.4	236.7	325.1	413.6	834.6	1512.3	1913.4	1958.3	1680.5	1105.0
77.5°	109.6	108.4	132.0	211.8	246.7	452.2	946.8	1274.4	1326.7	1131.1	781.1
80°	83.5	82.2	87.2	115.9	124.6	191.8	409.8	614.1	666.5	522.0	361.3
82.5°	56.1	53.6	56.1	66.0	63.5	81.0	114.6	208.0	239.2	239.2	159.5
85°	26.2	26.2	29.9	31.1	26.2	32.4	33.6	39.9	46.1	47.3	34.9
87.5°	2.5	2.5	3.7	3.7	2.5	3.7	3.7	3.7	3.7	3.7	3.7
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°	758.6	758.6	758.6	758.6	758.6	758.6	758.6	758.6	758.6	758.6	758.6
2.5°	753.7	752.4	752.4	749.9	744.9	738.7	732.5	728.7	726.3	727.5	728.7
5°	761.1	757.4	749.9	743.7	733.7	721.3	713.8	706.3	702.6	705.1	707.6
7.5°	766.1	759.9	746.2	735.0	718.8	705.1	693.9	685.1	678.9	680.2	680.2
10°	767.4	756.2	738.7	721.3	700.1	682.7	669.0	659.0	654.0	652.8	654.0
12.5°	772.3	757.4	731.2	710.1	683.9	662.7	647.8	636.6	630.3	631.6	631.6
15°	777.3	758.6	727.5	698.9	669.0	646.5	629.1	617.9	611.7	612.9	611.7
17.5°	782.3	759.9	722.5	687.6	652.8	627.8	610.4	599.2	593.0	596.7	596.7
20°	787.3	761.1	713.8	673.9	635.3	609.2	593.0	580.5	574.3	580.5	580.5
22.5°	793.5	762.4	705.1	659.0	616.6	591.7	574.3	564.3	560.6	565.6	566.8
25°	803.5	763.6	697.6	642.8	597.9	571.8	558.1	553.1	551.9	559.3	561.8
27.5°	812.2	768.6	687.6	624.1	576.8	551.9	543.1	543.1	546.9	556.8	560.6
30°	820.9	768.6	676.4	601.7	551.9	528.2	526.9	534.4	540.6	550.6	555.6
32.5°	834.6	772.3	662.7	579.3	525.7	505.8	513.2	524.5	533.2	543.1	546.9
35°	858.3	786.1	654.0	555.6	497.0	485.8	500.8	518.2	523.2	531.9	535.7
37.5°	884.5	806.0	650.3	533.2	472.1	467.1	489.6	508.3	510.7	514.5	518.2
40°	903.2	814.7	644.0	513.2	448.5	448.5	473.4	490.8	487.1	489.6	492.1
42.5°	925.6	818.4	630.3	495.8	428.5	428.5	451.0	465.9	460.9	465.9	469.6
45°	956.7	827.2	611.7	478.4	411.1	406.1	422.3	434.8	446.0	464.7	468.4
47.5°	995.3	845.8	595.5	455.9	394.9	378.7	388.7	409.8	424.8	444.7	448.5
50°	1037.7	863.3	583.0	432.3	377.5	350.0	355.0	378.7	387.4	399.9	401.1
52.5°	1080.0	879.5	571.8	412.3	357.5	316.4	325.1	348.8	353.8	361.3	361.3
55°	1122.4	894.4	559.3	396.1	333.9	286.5	296.5	320.2	323.9	331.4	332.6
57.5°	1166.0	910.6	551.9	381.2	306.4	265.3	272.8	294.0	300.2	306.4	306.4
60°	1202.1	923.1	546.9	366.2	281.5	244.2	249.1	267.8	275.3	279.0	280.3
62.5°	1227.0	929.3	541.9	348.8	259.1	224.2	228.0	246.7	255.4	257.9	257.9
65°	1240.7	929.3	531.9	323.9	237.9	205.5	206.8	225.5	235.4	241.7	242.9
67.5°	1233.3	919.3	507.0	296.5	218.0	189.4	190.6	206.8	216.8	223.0	223.0
70°	1189.7	882.0	464.7	260.4	198.1	173.2	174.4	188.1	195.6	193.1	188.1
72.5°	1063.8	788.5	396.1	221.7	178.1	158.2	159.5	170.7	165.7	163.2	164.4
75°	865.8	624.1	297.7	171.9	149.5	139.5	143.3	147.0	142.0	144.5	143.3
77.5°	593.0	404.9	204.3	124.6	119.6	117.1	124.6	124.6	120.8	124.6	120.8
80°	267.8	189.4	115.9	81.0	83.5	84.7	93.4	93.4	98.4	102.1	100.9
82.5°	117.1	94.7	62.3	47.3	51.1	56.1	63.5	69.8	78.5	82.2	81.0
85°	29.9	24.9	24.9	22.4	29.9	29.9	36.1	41.1	42.4	42.4	42.4
87.5°	3.7	3.7	5.0	5.0	7.5	6.2	8.7	7.5	7.5	10.0	11.2
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)