

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: P853367

Luminaire Tested: **CRTK-N-30-750-U-T3**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853367
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-30-750-U-T3
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

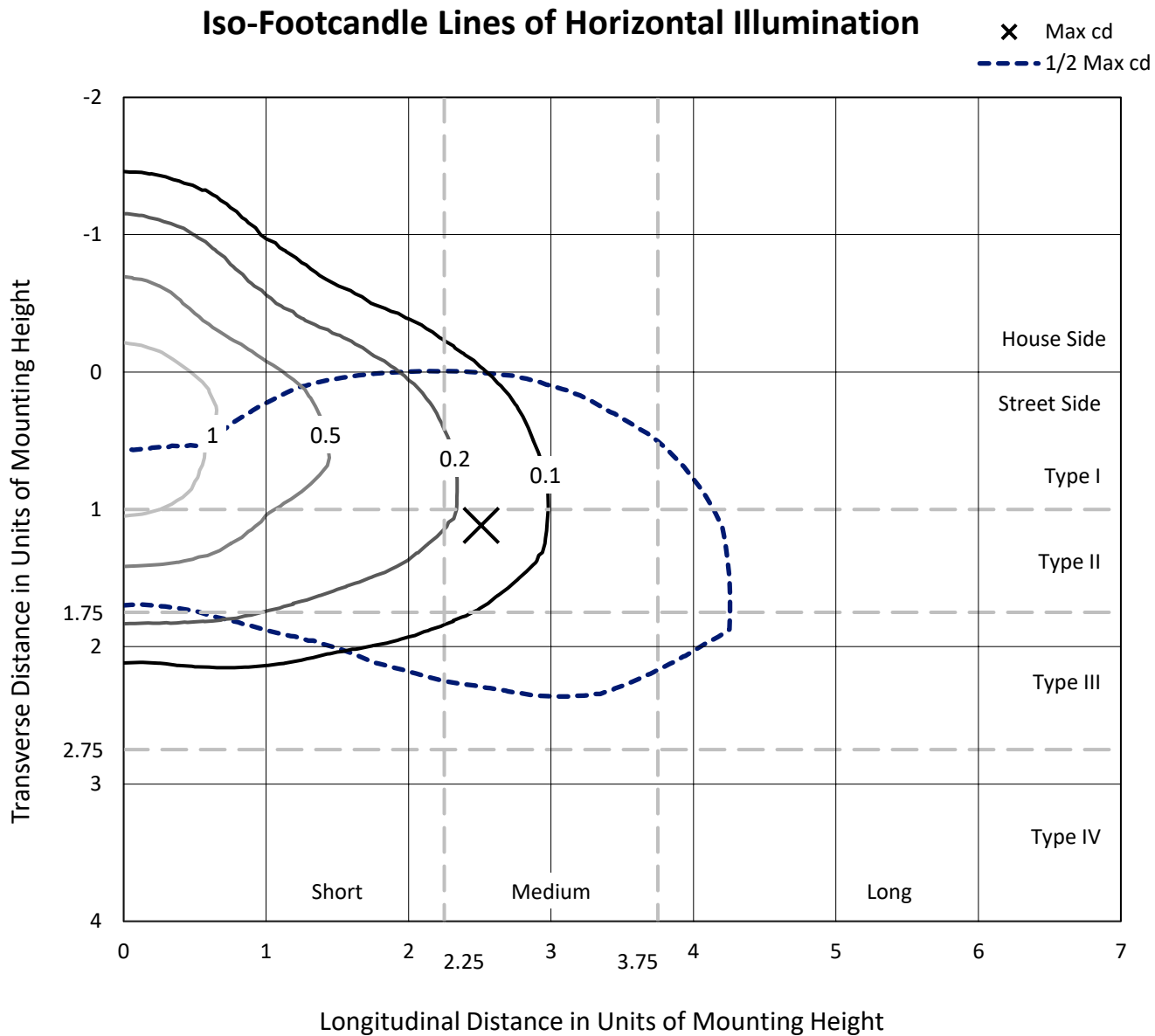
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4683 lumens
Efficiency: N/A
Efficacy: 145.0 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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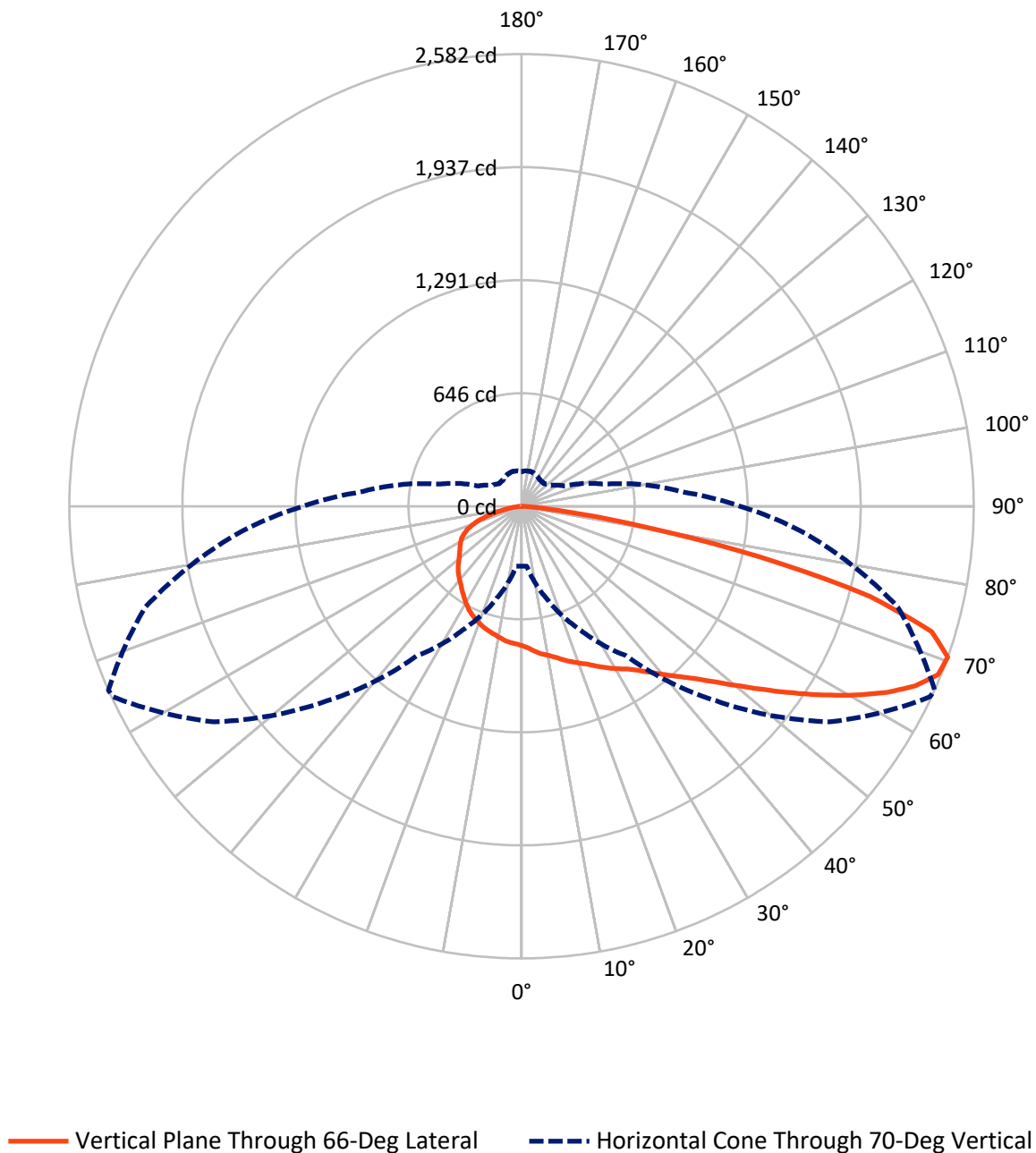


Based on 25 foot mounting height. Maximum calculated value = 1.4 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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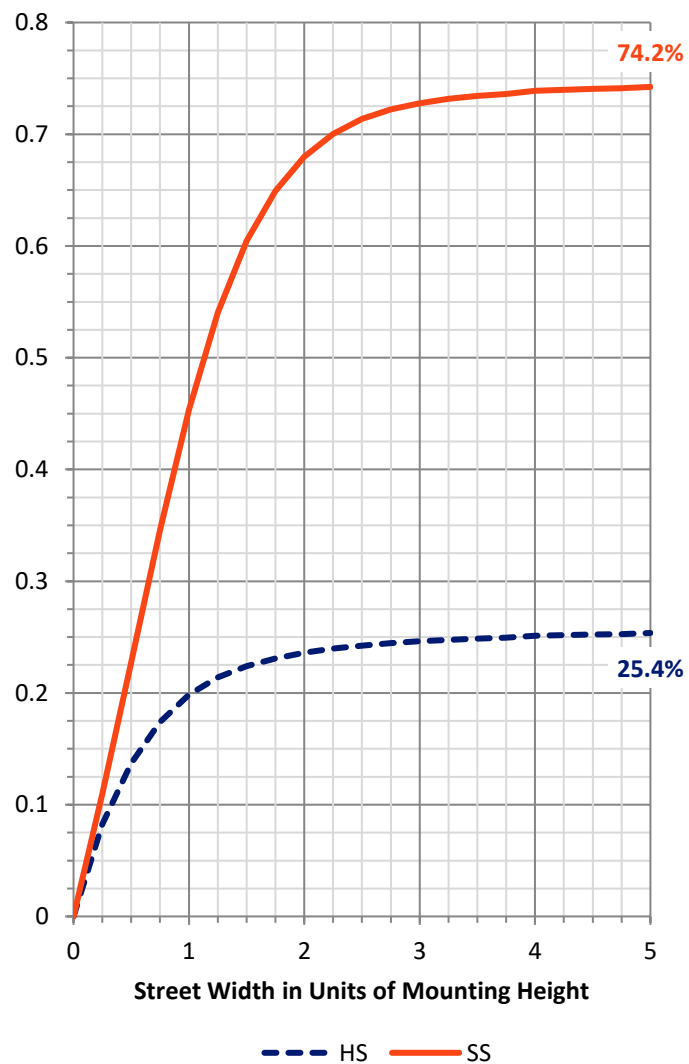
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1200.5	0.0	1200.5
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	3482.5	0.0	3482.5
	% Fixture	74.4	0.0	74.4
Total	Lumens	4683.0	0.0	4683.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.6	1.6
10°-20°	229.2	4.9
20°-30°	387.6	8.3
30°-40°	588.6	12.6
40°-50°	802.8	17.1
50°-60°	954.6	20.4
60°-70°	977.2	20.9
70°-80°	601.7	12.8
80°-90°	64.7	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°	4683.0	100.0
0°-180°	4683.0	100.0

Coefficient of Utilization



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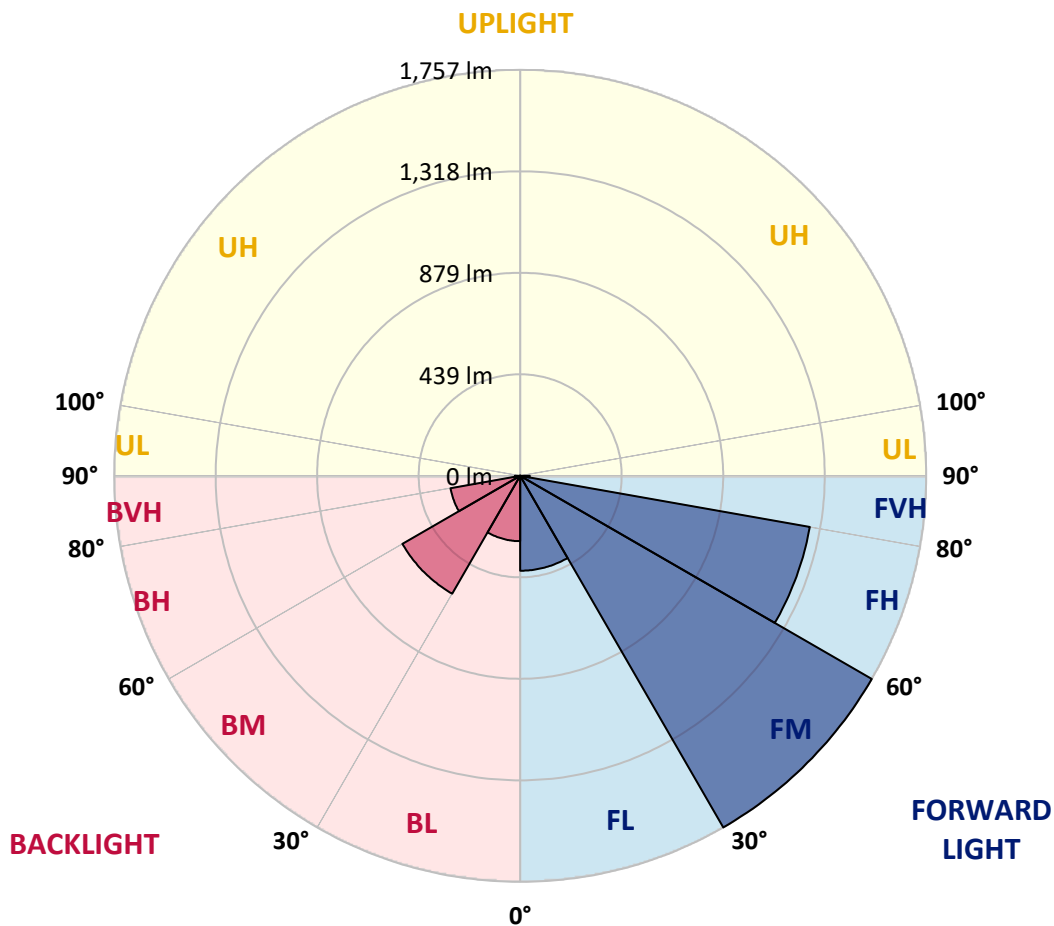
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	410.7	8.8			
FM	(30°-60°)	1757.2	37.5			
FH	(60°-80°)	1272.9	27.2			G1/1800
FVH	(80°-90°)	41.8	0.9			G1/100
BL	(0°-30°)	282.7	6.0	B1/500		
BM	(30°-60°)	588.8	12.6	B1/1000		
BH	(60°-80°)	306.0	6.5	B1/500		G1/500
BVH	(80°-90°)	23.0	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°	796.6	796.6	796.6	796.6	796.6	796.6	796.6	796.6	796.6	796.6	796.6
2.5°	817.5	820.1	825.4	821.4	824.0	817.5	812.3	813.6	812.3	807.0	794.0
5°	850.2	851.5	859.4	854.1	852.8	847.6	837.1	833.2	833.2	822.7	803.1
7.5°	879.0	880.3	888.1	880.3	880.3	871.1	860.7	852.8	852.8	835.8	811.0
10°	897.3	898.6	905.1	902.5	903.8	892.1	879.0	868.5	867.2	848.9	816.2
12.5°	918.2	919.5	928.7	924.8	926.1	918.2	903.8	888.1	886.8	864.6	824.0
15°	936.5	937.8	945.7	945.7	950.9	941.8	930.0	914.3	911.7	882.9	834.5
17.5°	948.3	949.6	961.4	964.0	971.9	966.6	956.2	937.8	933.9	901.2	845.0
20°	961.4	964.0	974.5	977.1	988.9	988.9	979.7	960.1	956.2	918.2	855.4
22.5°	987.5	992.8	999.3	998.0	1008.5	1009.8	1003.2	986.2	981.0	940.5	868.5
25°	1056.9	1064.7	1064.7	1046.4	1043.8	1037.3	1030.7	1017.6	1012.4	969.2	885.5
27.5°	1178.5	1177.2	1169.4	1131.4	1097.4	1073.9	1064.7	1050.3	1045.1	995.4	902.5
30°	1308.0	1306.7	1296.2	1240.0	1174.6	1114.4	1098.7	1083.0	1076.5	1020.2	918.2
32.5°	1432.3	1431.0	1424.4	1359.0	1263.5	1168.1	1141.9	1118.3	1107.9	1050.3	940.5
35°	1534.3	1534.3	1529.1	1462.4	1343.3	1236.1	1191.6	1160.2	1151.0	1089.6	974.5
37.5°	1627.2	1628.5	1624.5	1551.3	1415.3	1301.5	1251.8	1216.4	1204.7	1138.0	1011.1
40°	1756.7	1747.5	1742.3	1641.6	1483.3	1361.6	1315.9	1279.2	1264.8	1185.1	1042.5
42.5°	1856.1	1867.8	1824.7	1721.3	1551.3	1417.9	1381.3	1345.9	1330.2	1238.7	1083.0
45°	1894.0	1886.2	1854.8	1767.1	1657.2	1474.1	1449.3	1423.1	1406.1	1306.7	1135.4
47.5°	1909.7	1894.0	1853.5	1793.3	1758.0	1544.8	1525.1	1518.6	1500.3	1387.8	1195.5
50°	1871.8	1856.1	1840.4	1807.7	1793.3	1607.5	1607.5	1632.4	1612.8	1479.4	1262.2
52.5°	1772.4	1768.4	1784.1	1801.1	1758.0	1650.7	1704.3	1758.0	1739.7	1581.4	1334.2
55°	1589.2	1594.5	1680.8	1751.4	1731.8	1687.3	1809.0	1900.5	1880.9	1695.2	1404.8
57.5°	1434.9	1432.3	1506.8	1674.3	1697.8	1734.4	1925.4	2054.9	2032.6	1815.5	1475.4
60°	1257.0	1257.0	1343.3	1544.8	1653.3	1778.9	2044.4	2211.8	2189.6	1941.1	1548.7
62.5°	1024.2	1020.2	1170.7	1372.1	1574.8	1803.7	2147.8	2358.3	2340.0	2058.8	1603.6
65°	775.7	773.0	973.2	1207.3	1454.5	1789.4	2219.7	2480.0	2470.8	2159.5	1642.9
67.5°	510.1	512.7	750.8	1012.4	1281.9	1720.0	2230.2	2568.9	2565.0	2222.3	1648.1
70°	341.4	342.7	542.8	771.7	1042.5	1570.9	2146.4	2574.2	2582.0	2223.6	1597.1
72.5°	244.6	247.2	379.3	546.7	727.3	1298.9	1963.3	2422.4	2448.6	2092.8	1431.0
75°	170.0	172.7	248.5	341.4	434.3	876.4	1587.9	2009.1	2056.2	1764.5	1160.2
77.5°	115.1	113.8	138.6	222.4	259.0	474.8	994.1	1338.1	1393.0	1187.7	820.1
80°	87.6	86.3	91.6	121.6	130.8	201.4	430.3	644.8	699.8	548.1	379.3
82.5°	58.9	56.2	58.9	69.3	66.7	85.0	120.3	218.4	251.1	251.1	167.4
85°	27.5	27.5	31.4	32.7	27.5	34.0	35.3	41.9	48.4	49.7	36.6
87.5°	2.6	2.6	3.9	3.9	2.6	3.9	3.9	3.9	3.9	3.9	3.9
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°	796.6	796.6	796.6	796.6	796.6	796.6	796.6	796.6	796.6	796.6	796.6
2.5°	791.3	790.0	790.0	787.4	782.2	775.7	769.1	765.2	762.6	763.9	765.2
5°	799.2	795.3	787.4	780.9	770.4	757.3	749.5	741.6	737.7	740.3	743.0
7.5°	804.4	797.9	783.5	771.7	754.7	740.3	728.6	719.4	712.9	714.2	714.2
10°	805.7	794.0	775.7	757.3	735.1	716.8	702.4	691.9	686.7	685.4	686.7
12.5°	811.0	795.3	767.8	745.6	718.1	695.9	680.2	668.4	661.9	663.2	663.2
15°	816.2	796.6	763.9	733.8	702.4	678.9	660.5	648.8	642.2	643.5	642.2
17.5°	821.4	797.9	758.6	722.0	685.4	659.2	640.9	629.2	622.6	626.5	626.5
20°	826.7	799.2	749.5	707.6	667.1	639.6	622.6	609.5	603.0	609.5	609.5
22.5°	833.2	800.5	740.3	691.9	647.5	621.3	603.0	592.5	588.6	593.8	595.1
25°	843.7	801.8	732.5	674.9	627.8	600.4	586.0	580.8	579.4	587.3	589.9
27.5°	852.8	807.0	722.0	655.3	605.6	579.4	570.3	570.3	574.2	584.7	588.6
30°	862.0	807.0	710.2	631.8	579.4	554.6	553.3	561.1	567.7	578.1	583.4
32.5°	876.4	811.0	695.9	608.2	552.0	531.1	538.9	550.7	559.8	570.3	574.2
35°	901.2	825.4	686.7	583.4	521.9	510.1	525.8	544.1	549.4	558.5	562.4
37.5°	928.7	846.3	682.8	559.8	495.7	490.5	514.0	533.7	536.3	540.2	544.1
40°	948.3	855.4	676.2	538.9	470.9	470.9	497.0	515.4	511.4	514.0	516.7
42.5°	971.9	859.4	661.9	520.6	450.0	450.0	473.5	489.2	484.0	489.2	493.1
45°	1004.6	868.5	642.2	502.3	431.6	426.4	443.4	456.5	468.3	487.9	491.8
47.5°	1045.1	888.1	625.2	478.7	414.6	397.6	408.1	430.3	446.0	467.0	470.9
50°	1089.6	906.5	612.1	453.9	396.3	367.6	372.8	397.6	406.8	419.9	421.2
52.5°	1134.0	923.5	600.4	433.0	375.4	332.2	341.4	366.2	371.5	379.3	379.3
55°	1178.5	939.2	587.3	415.9	350.5	300.8	311.3	336.2	340.1	347.9	349.2
57.5°	1224.3	956.2	579.4	400.3	321.8	278.6	286.5	308.7	315.2	321.8	321.8
60°	1262.2	969.2	574.2	384.6	295.6	256.4	261.6	281.2	289.1	293.0	294.3
62.5°	1288.4	975.8	569.0	366.2	272.1	235.4	239.4	259.0	268.1	270.8	270.8
65°	1302.8	975.8	558.5	340.1	249.8	215.8	217.1	236.7	247.2	253.8	255.1
67.5°	1294.9	965.3	532.4	311.3	228.9	198.8	200.1	217.1	227.6	234.1	234.1
70°	1249.2	926.1	487.9	273.4	208.0	181.8	183.1	197.5	205.4	202.7	197.5
72.5°	1117.0	828.0	415.9	232.8	187.0	166.1	167.4	179.2	174.0	171.3	172.7
75°	909.1	655.3	312.6	180.5	157.0	146.5	150.4	154.3	149.1	151.7	150.4
77.5°	622.6	425.1	214.5	130.8	125.6	123.0	130.8	130.8	126.9	130.8	126.9
80°	281.2	198.8	121.6	85.0	87.6	88.9	98.1	98.1	103.3	107.3	105.9
82.5°	123.0	99.4	65.4	49.7	53.6	58.9	66.7	73.2	82.4	86.3	85.0
85°	31.4	26.2	26.2	23.5	31.4	31.4	37.9	43.2	44.5	44.5	44.5
87.5°	3.9	3.9	5.2	5.2	7.8	6.5	9.2	7.8	7.8	10.5	11.8
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)