

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: McGRAW-EDISON

Report Number: P1211951

Luminaire Tested: **GKO-PB2A-735-U-T2U**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211951
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2A-735-U-T2U
Description: GEKKO WALL PACK 4000LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (20) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

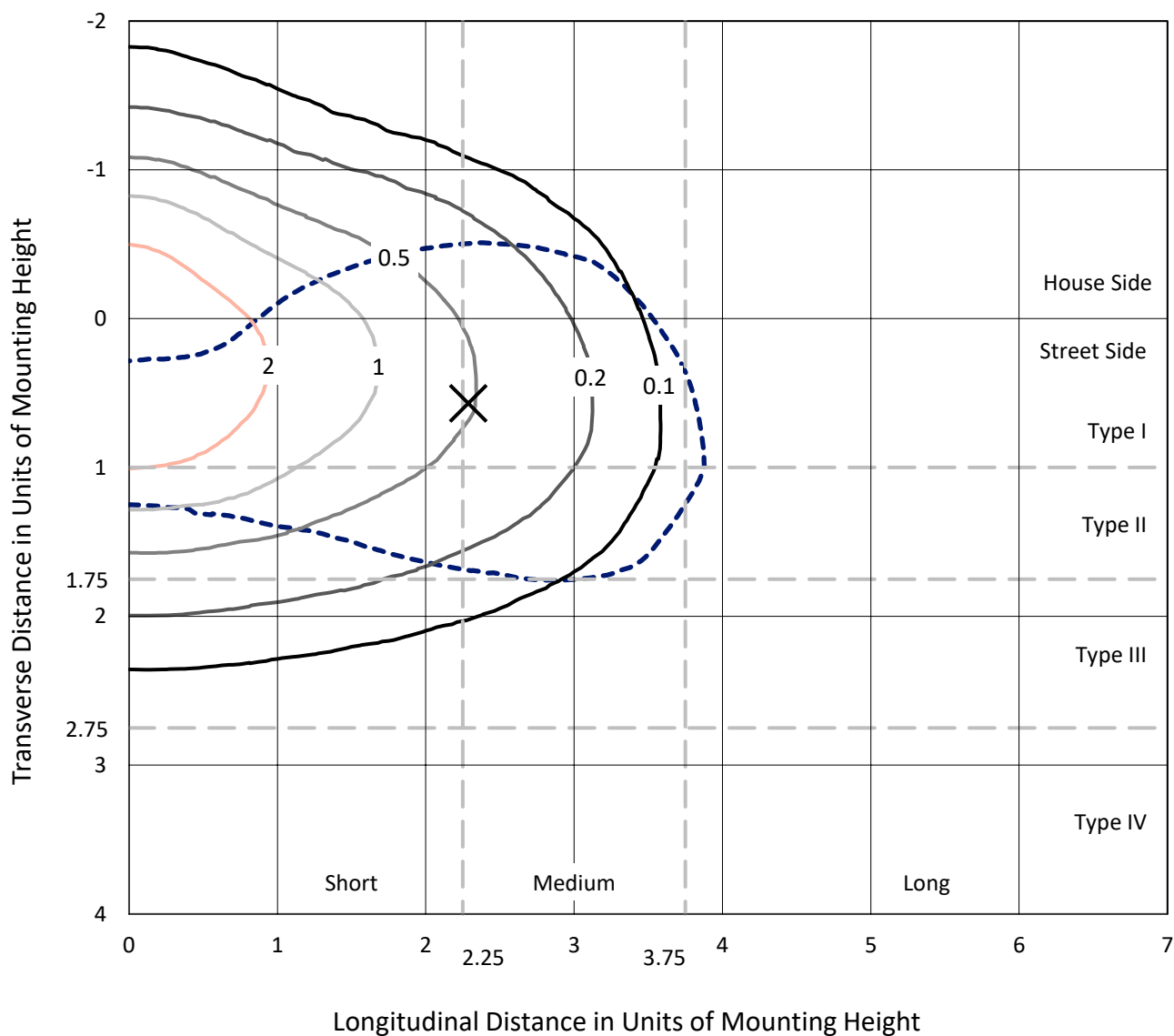
Lumens per Lamp: N/A
Luminaire Lumens: 4020 lumens
Efficiency: N/A
Efficacy: 151.7 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 26.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 12%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1211951
 CATALOG NUMBER: GKO-PB2A-735-U-T2U

Iso-Footcandle Lines of Horizontal Illumination

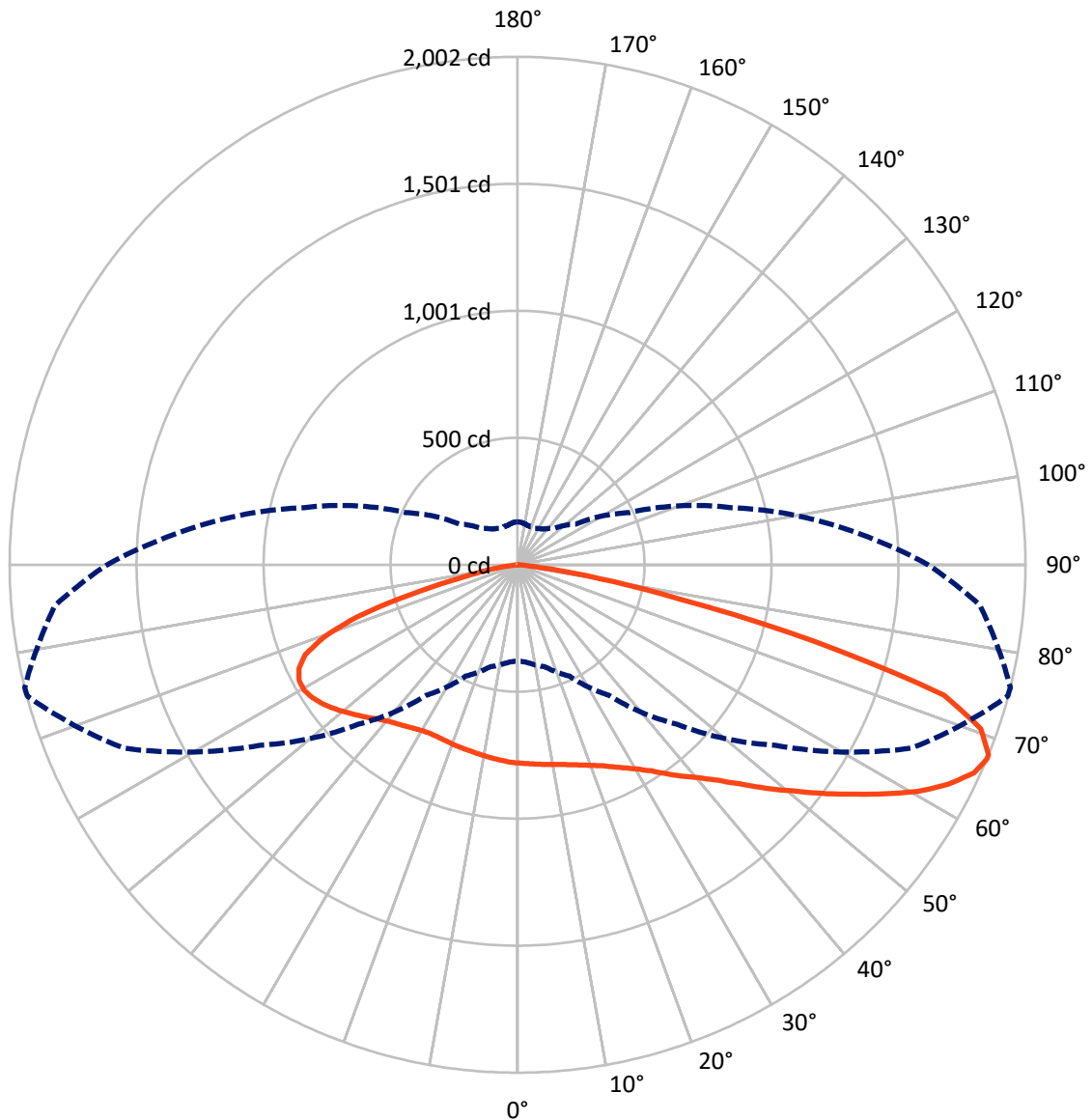
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.9 fc
 Type II - Medium - N/A

REPORT NUMBER: P1211951
CATALOG NUMBER: GKO-PB2A-735-U-T2U

Luminous Intensity Polar Plot



— Vertical Plane Through 76-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

REPORT NUMBER: P1211951

CATALOG NUMBER: GKO-PB2A-735-U-T2U

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1326.3	0.0	1326.3
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	2693.8	0.0	2693.8
	% Fixture	67.0	0.0	67.0
Total	Lumens	4020.0	0.0	4020.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.1	1.9
10°-20°	229.8	5.7
20°-30°	395.4	9.8
30°-40°	568.1	14.1
40°-50°	720.5	17.9
50°-60°	791.1	19.7
60°-70°	767.3	19.1
70°-80°	423.6	10.5
80°-90°	49.1	1.2
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°	4020.0	100.0
0°-180°	4020.0	100.0

Coefficient of Utilization



REPORT NUMBER: P1211951

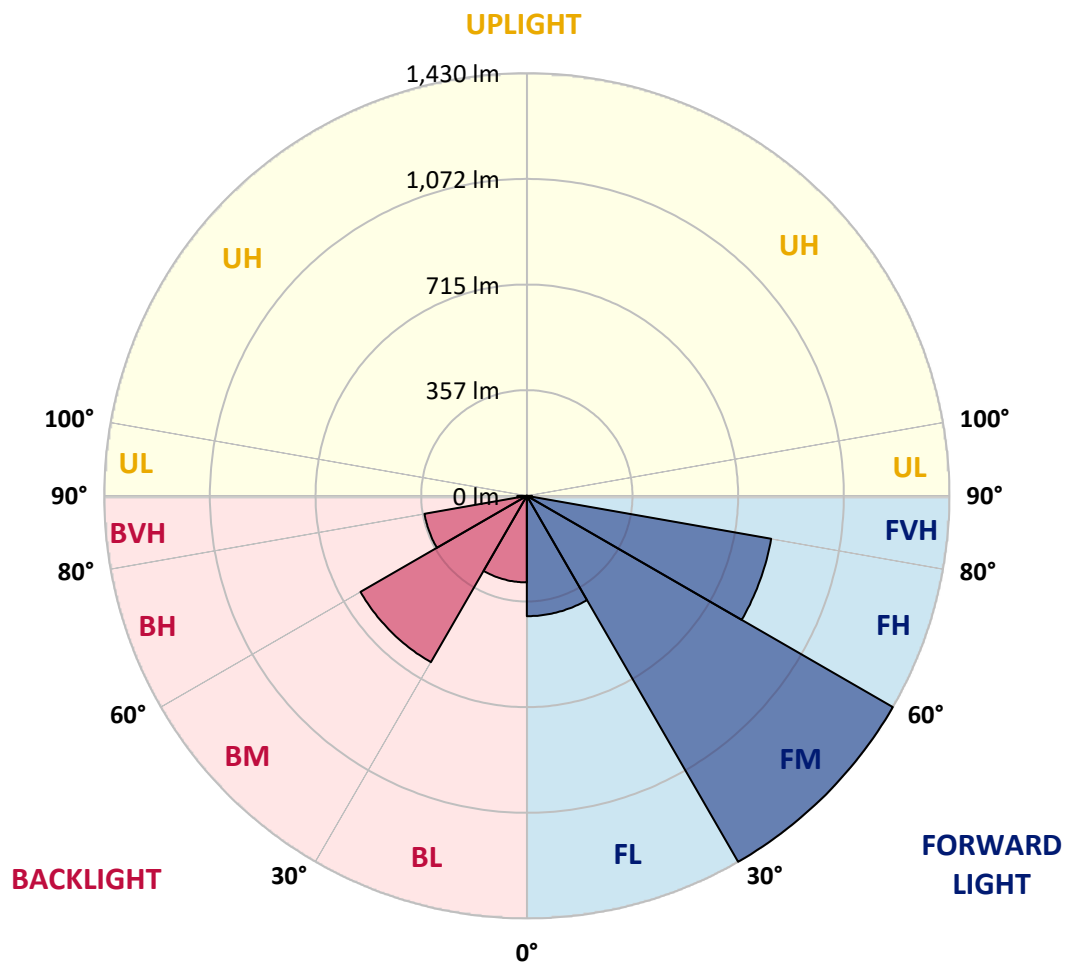
CATALOG NUMBER: GKO-PB2A-735-U-T2U

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	407.2	10.1			
FM	(30°-60°)	1429.8	35.6			
FH	(60°-80°)	839.3	20.9			G1/1800
FVH	(80°-90°)	17.4	0.4			G1/100
BL	(0°-30°)	293.0	7.3	B1/500		
BM	(30°-60°)	649.9	16.2	B1/1000		
BH	(60°-80°)	351.6	8.7	B1/500		G1/500
BVH	(80°-90°)	31.8	0.8			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



REPORT NUMBER: P1211951

CATALOG NUMBER: GKO-PB2A-735-U-T2U

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	781.5	781.5	781.5	781.5	781.5	781.5	781.5	781.5	781.5	781.5	781.5
2.5°	804.8	804.0	803.2	803.2	800.1	797.0	793.9	791.6	785.3	784.6	781.5
5°	828.9	828.9	826.6	825.8	821.1	813.3	806.3	799.3	790.8	789.2	782.2
7.5°	860.0	860.0	856.1	853.0	846.0	833.6	821.1	808.7	796.2	794.7	783.8
10°	899.6	899.6	896.5	889.5	874.8	858.4	838.2	818.8	802.4	800.9	785.3
12.5°	940.9	941.6	937.0	926.9	909.0	884.1	859.2	831.2	810.2	807.9	788.5
15°	982.8	983.6	980.5	969.6	945.5	915.2	881.8	848.3	820.3	818.0	793.1
17.5°	1024.1	1025.6	1022.5	1010.1	982.1	949.4	908.2	866.2	832.8	829.7	800.9
20°	1062.9	1062.9	1062.9	1048.9	1021.7	984.4	937.0	888.0	846.8	843.7	810.2
22.5°	1097.9	1099.5	1101.8	1094.0	1062.9	1021.7	970.4	912.1	864.7	860.8	821.9
25°	1132.9	1133.7	1139.9	1134.5	1104.1	1061.4	1006.2	942.4	886.4	882.5	835.9
27.5°	1173.3	1175.7	1179.6	1177.2	1143.0	1101.0	1045.8	975.8	910.5	906.6	853.0
30°	1220.8	1220.8	1223.1	1219.2	1185.0	1143.0	1085.5	1010.8	940.9	934.6	874.0
32.5°	1259.7	1263.5	1262.0	1260.4	1224.7	1182.7	1125.9	1049.7	975.8	968.1	902.8
35°	1296.2	1297.0	1296.2	1297.8	1262.0	1222.3	1168.7	1094.8	1014.7	1011.6	939.3
37.5°	1317.2	1318.8	1322.6	1327.3	1295.4	1258.1	1211.4	1144.6	1062.9	1057.5	982.8
40°	1327.3	1329.6	1350.6	1357.6	1323.4	1292.3	1256.5	1189.7	1109.6	1103.4	1026.4
42.5°	1342.9	1361.5	1372.4	1374.0	1344.4	1317.2	1295.4	1241.0	1167.1	1161.7	1084.7
45°	1291.5	1284.5	1313.3	1346.7	1345.2	1333.5	1332.7	1298.5	1237.9	1232.4	1150.8
47.5°	1227.0	1221.6	1237.1	1286.1	1321.1	1340.5	1369.3	1366.2	1323.4	1315.6	1227.8
50°	1073.0	1082.4	1158.6	1225.4	1286.1	1342.9	1400.4	1436.9	1406.6	1400.4	1309.4
52.5°	929.2	935.4	987.5	1146.9	1241.0	1335.9	1427.6	1511.6	1503.8	1496.8	1398.8
55°	828.1	834.3	917.5	1019.4	1174.1	1300.1	1445.5	1582.3	1602.6	1595.6	1493.7
57.5°	722.4	732.5	789.2	878.6	1084.7	1241.0	1451.7	1653.9	1709.9	1703.6	1584.7
60°	620.5	634.5	667.9	765.1	974.3	1171.0	1435.4	1711.4	1813.3	1813.3	1678.8
62.5°	526.4	534.2	569.2	657.0	834.3	1081.6	1394.2	1748.0	1908.1	1904.3	1761.2
65°	448.7	452.5	480.5	556.0	716.9	982.8	1322.6	1745.6	1975.8	1976.6	1815.6
67°	378.7	384.9	416.0	484.4	627.5	889.5	1240.2	1710.6	1999.9	2001.5	1828.8
67.5°	354.6	361.6	395.8	466.5	608.8	863.9	1220.8	1695.9	1998.3	2001.5	1824.9
70°	244.2	245.7	303.3	384.1	500.8	727.8	1086.3	1593.2	1939.2	1936.9	1740.2
72.5°	155.5	153.2	208.4	280.7	402.8	589.4	916.8	1413.6	1759.6	1757.3	1534.1
75°	103.4	105.7	140.7	200.6	283.0	455.7	714.6	1066.8	1222.3	1213.0	1012.4
77.5°	73.9	72.3	87.1	144.6	189.7	276.8	388.0	567.6	649.3	649.3	556.0
80°	40.4	41.2	47.4	80.1	107.3	108.1	145.4	284.6	317.2	324.2	269.8
82.5°	11.7	12.4	17.1	27.2	29.5	32.7	50.5	81.6	85.5	90.2	73.1
85°	0.0	0.0	0.0	0.8	3.1	3.9	3.9	4.7	7.8	7.8	8.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.6	3.1	3.1	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



REPORT NUMBER: P1211951

CATALOG NUMBER: GKO-PB2A-735-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	781.5	781.5	781.5	781.5	781.5	781.5	781.5	781.5	781.5	781.5	781.5
2.5°	780.7	781.5	778.3	774.5	771.3	769.8	765.1	761.2	763.6	765.9	765.9
5°	779.9	779.1	772.9	765.9	761.2	758.1	750.4	744.9	745.7	748.0	747.2
7.5°	779.9	776.8	768.2	758.1	750.4	744.1	734.0	727.8	727.0	728.6	727.0
10°	780.7	775.2	763.6	749.6	738.7	729.4	716.9	709.9	707.6	708.4	706.8
12.5°	782.2	773.7	758.9	741.0	727.0	714.6	700.6	692.0	690.5	692.0	692.0
15°	784.6	773.7	755.0	733.2	714.6	700.6	686.6	678.8	678.8	679.6	679.6
17.5°	789.2	776.0	751.9	724.7	702.1	686.6	674.1	668.7	669.5	671.8	671.8
20°	793.9	779.1	748.8	716.1	691.3	673.4	663.3	659.4	662.5	665.6	665.6
22.5°	800.9	783.0	745.7	708.4	678.8	660.9	652.4	649.3	652.4	656.3	654.7
25°	811.8	790.0	743.4	701.4	667.2	647.7	639.2	636.0	637.6	640.7	640.7
27.5°	824.2	798.6	742.6	692.8	653.2	632.2	622.1	617.4	617.4	618.2	618.9
30°	845.2	813.3	745.7	686.6	640.7	615.8	602.6	595.6	594.8	597.9	597.9
32.5°	870.1	833.6	753.5	681.1	628.3	596.4	578.5	573.1	571.5	573.8	571.5
35°	898.1	856.1	763.6	680.4	615.8	575.4	555.2	549.0	544.3	542.7	541.2
37.5°	937.7	887.2	773.7	676.5	603.4	552.8	531.1	517.9	512.4	510.9	510.9
40°	976.6	917.5	786.1	670.3	588.6	530.3	499.2	484.4	482.1	482.1	482.1
42.5°	1025.6	957.2	803.2	666.4	570.7	507.8	465.0	447.9	447.9	447.9	447.1
45°	1086.3	1009.3	825.0	664.8	553.6	480.5	428.4	405.9	405.1	404.3	403.6
47.5°	1157.0	1063.7	846.0	660.9	533.4	447.9	386.5	361.6	356.1	354.6	352.2
50°	1230.1	1122.8	868.5	655.5	509.3	409.8	346.8	318.0	306.4	302.5	304.0
52.5°	1307.9	1180.3	890.3	647.7	480.5	371.7	306.4	276.0	264.4	259.7	258.9
55°	1384.1	1238.7	910.5	637.6	449.4	332.8	272.1	242.6	232.5	230.9	230.9
57.5°	1461.0	1294.6	926.1	622.8	415.2	298.6	242.6	218.5	211.5	214.6	214.6
60°	1531.0	1343.6	933.9	602.6	381.0	267.5	219.3	201.4	198.3	206.1	205.3
62.5°	1594.0	1376.3	930.0	573.1	347.6	241.0	201.4	188.2	188.9	198.3	199.1
65°	1624.3	1381.7	907.4	532.6	310.2	218.5	182.7	170.3	171.8	182.0	184.3
67°	1617.3	1360.7	870.1	486.8	279.9	201.4	171.1	158.6	159.4	168.0	168.7
67.5°	1609.6	1350.6	860.0	472.8	272.1	198.3	168.0	156.3	157.8	165.6	165.6
70°	1506.1	1248.0	766.7	401.2	235.6	176.5	153.2	145.4	147.0	151.6	151.6
72.5°	1316.4	1080.8	620.5	321.9	199.8	156.3	138.4	133.7	133.7	133.7	129.9
75°	839.8	677.3	405.9	246.5	164.8	133.7	124.4	119.0	115.9	120.5	119.0
77.5°	464.2	353.8	211.5	141.5	119.0	111.2	108.1	105.7	105.0	115.9	112.7
80°	220.1	175.0	119.0	80.9	68.4	82.4	93.3	91.8	109.6	150.1	150.8
82.5°	70.0	57.5	48.2	44.3	45.9	59.1	72.3	83.2	142.3	161.0	158.6
85°	8.6	7.8	5.4	17.9	30.3	43.5	56.0	108.1	130.6	108.9	102.6
87.5°	3.1	3.1	3.1	12.4	23.3	33.4	50.5	108.9	80.1	73.1	66.9
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)