

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: P1212013

Luminaire Tested: **GKO-PB1D-827-U-T1**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1212013
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1D-827-U-T1
Description: GEKKO WALL PACK 3500LM PACKAGE 80CRI 2700K FIXTURE w/ TYPE I DISTRIBUTION OPTIC
Light Source: (10) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

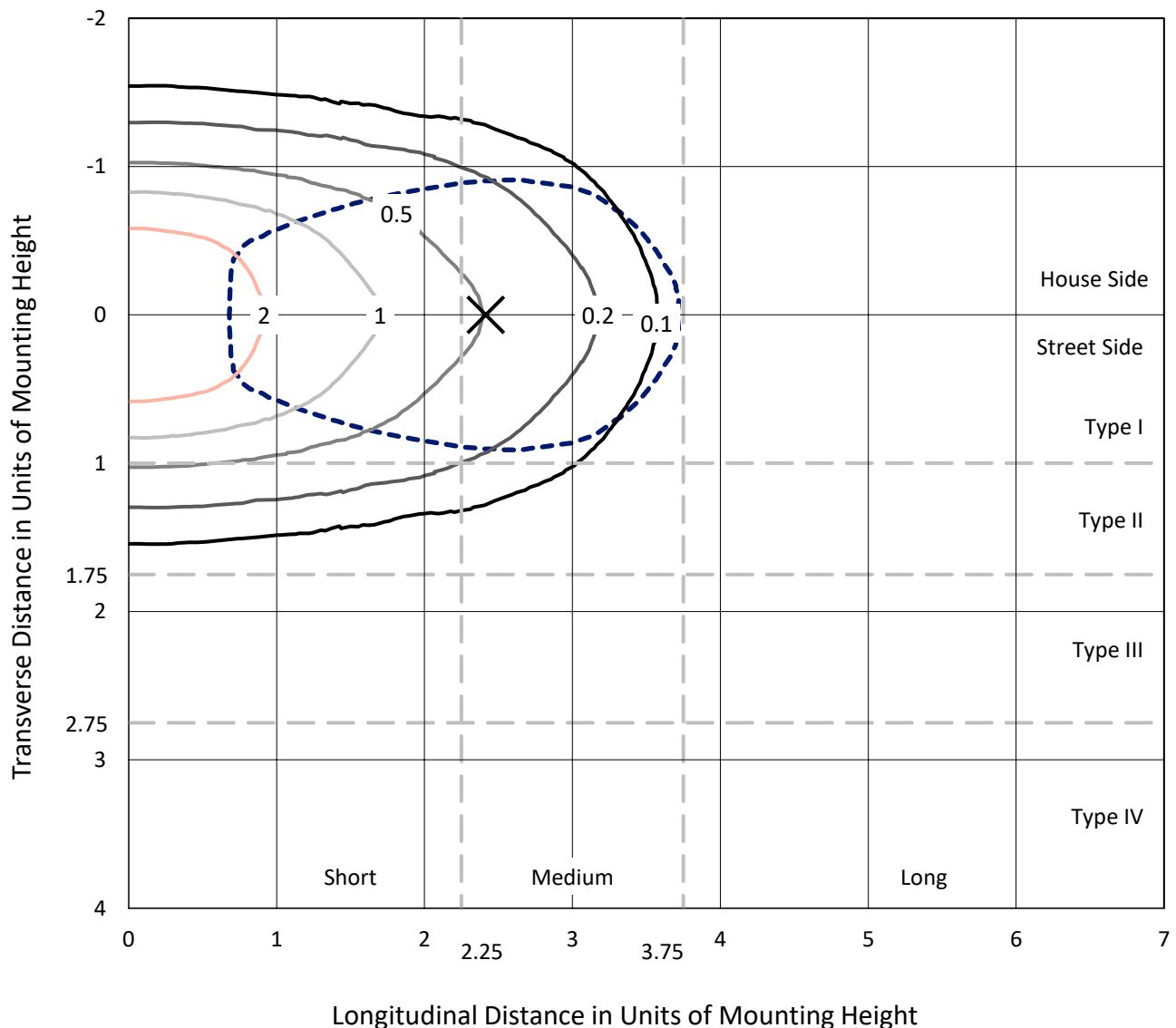
Lumens per Lamp: N/A
Luminaire Lumens: 3252.9 lumens
Efficiency: N/A
Efficacy: 127.1 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type I - Short
BUG Rating: B1 - U0 - G1

Input Watts (W): 25.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1212013
 CATALOG NUMBER: GKO-PB1D-827-U-T1

Iso-Footcandle Lines of Horizontal Illumination

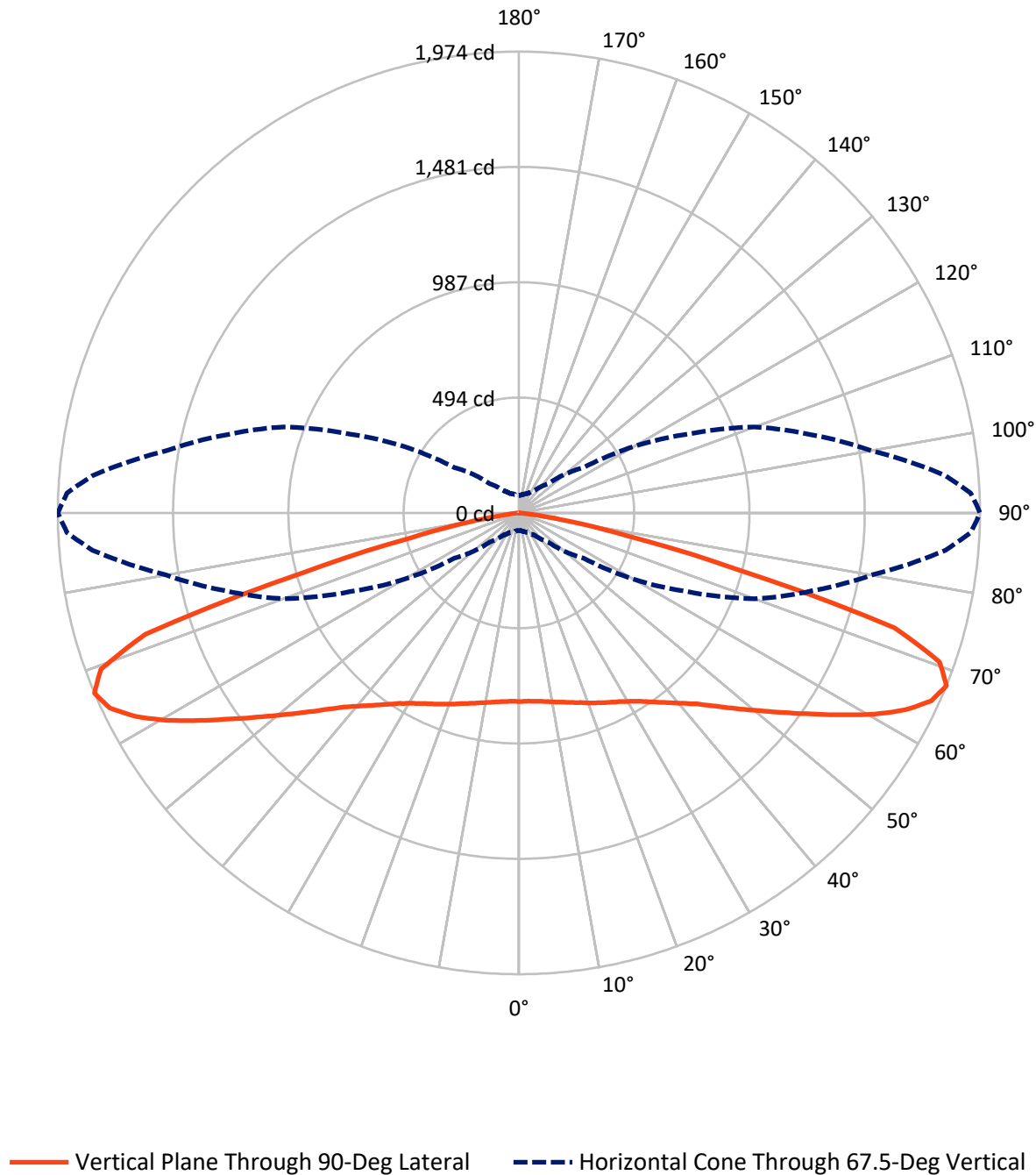
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.6 fc
 Type I - Short - N/A

REPORT NUMBER: P1212013
CATALOG NUMBER: GKO-PB1D-827-U-T1

Luminous Intensity Polar Plot



REPORT NUMBER: P1212013

CATALOG NUMBER: GKO-PB1D-827-U-T1

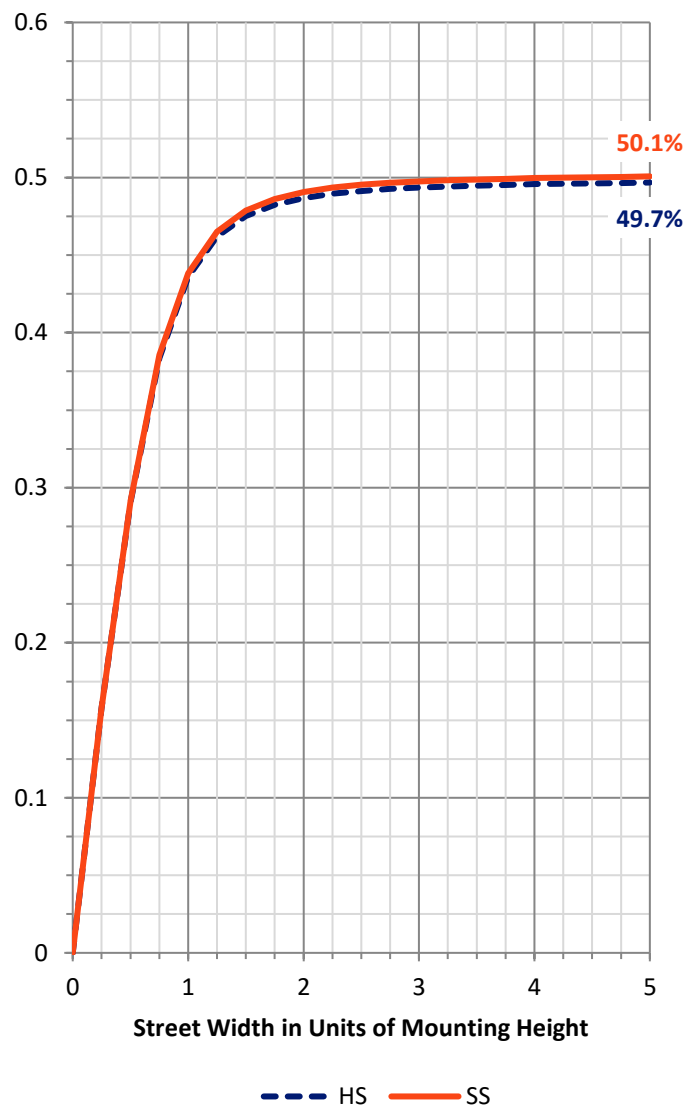
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1626.5	0.0	1626.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1626.5	0.0	1626.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3252.9	0.0	3252.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.4	2.4
10°-20°	233.3	7.2
20°-30°	387.9	11.9
30°-40°	515.3	15.8
40°-50°	581.0	17.9
50°-60°	597.4	18.4
60°-70°	564.5	17.4
70°-80°	276.4	8.5
80°-90°	19.8	0.6
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°	3252.9	100.0
0°-180°	3252.9	100.0

Coefficient of Utilization



REPORT NUMBER: P1212013

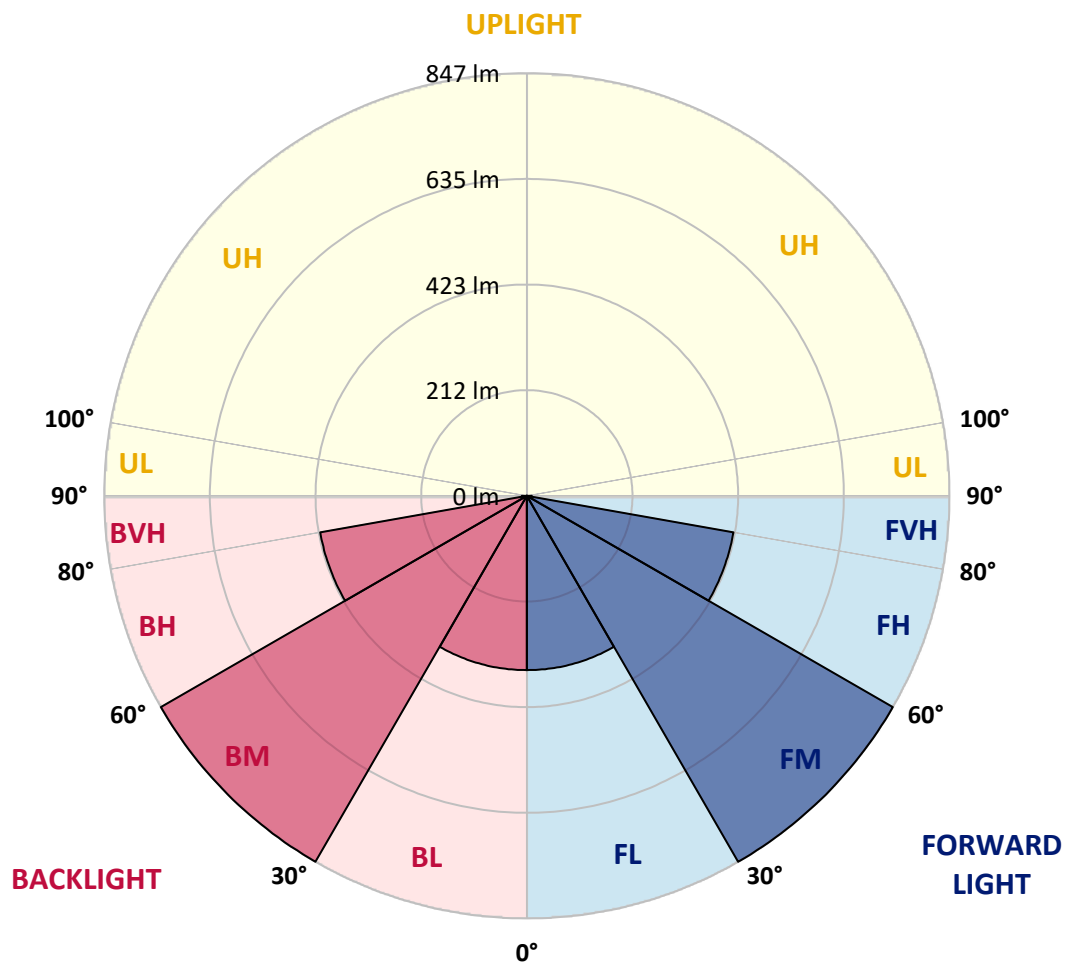
CATALOG NUMBER: GKO-PB1D-827-U-T1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	349.3	10.7			
FM	(30°-60°)	846.8	26.0			
FH	(60°-80°)	420.5	12.9			G0/660
FVH	(80°-90°)	9.9	0.3			G0/10
BL	(0°-30°)	349.3	10.7	B1/500		
BM	(30°-60°)	846.8	26.0	B1/1000		
BH	(60°-80°)	420.5	12.9	B1/500		G1/500
BVH	(80°-90°)	9.9	0.3			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type I Short





REPORT NUMBER: P1212013

CATALOG NUMBER: GKO-PB1D-827-U-T1

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	80°
0°	807.2	807.2	807.2	807.2	807.2	807.2	807.2	807.2	807.2	807.2	807.2
2.5°	807.8	809.0	806.6	806.6	807.8	808.4	808.4	809.0	807.8	807.8	807.2
5°	807.8	808.4	807.2	807.2	808.4	810.2	809.6	810.8	810.8	810.2	810.2
7.5°	807.2	808.4	807.2	807.8	809.6	813.2	813.2	813.2	814.4	815.6	815.6
10°	806.6	807.8	808.4	809.0	811.4	816.8	818.0	818.6	820.4	822.2	822.2
12.5°	803.6	804.8	806.6	809.0	813.2	820.4	822.8	824.6	827.6	829.4	830.6
15°	799.4	800.0	804.2	809.0	815.6	824.6	829.4	832.4	836.6	839.0	840.8
17.5°	793.4	794.0	800.6	807.8	817.4	830.0	837.8	842.6	846.8	850.4	852.8
20°	785.6	787.4	795.2	806.6	820.4	835.4	846.8	855.2	859.4	863.0	866.6
22.5°	776.0	777.8	787.4	803.6	823.4	842.6	857.6	868.4	873.7	878.5	882.7
25°	761.6	764.0	775.4	796.4	824.6	850.4	869.6	883.3	888.1	894.1	897.7
27.5°	739.4	741.2	755.0	782.0	821.0	858.8	883.3	899.5	904.9	911.5	915.1
30°	704.6	708.2	725.0	758.6	812.0	865.4	899.5	915.7	922.3	928.9	933.7
32.5°	659.7	665.1	683.6	726.8	794.6	867.8	916.9	935.5	943.9	951.1	957.1
35°	603.9	609.3	631.5	686.0	767.0	863.0	934.3	958.3	968.5	978.1	985.3
37.5°	540.3	545.1	572.1	634.5	727.4	848.0	948.1	983.5	997.3	1009.9	1019.5
40°	476.2	481.6	510.9	577.5	679.4	819.2	954.1	1011.1	1028.5	1044.7	1056.7
42.5°	406.6	413.2	446.2	516.9	623.7	779.6	949.3	1038.1	1059.7	1081.8	1099.8
45°	344.8	346.0	382.0	450.4	562.5	728.6	932.5	1063.8	1093.2	1124.4	1150.2
47.5°	285.5	287.9	319.0	386.8	498.9	671.1	901.9	1084.2	1131.0	1171.2	1209.0
50°	232.7	235.7	263.9	324.4	435.4	608.1	860.6	1096.2	1163.4	1218.0	1270.7
52.5°	189.5	193.1	216.5	269.9	371.2	542.1	809.6	1098.0	1192.8	1264.7	1334.9
55°	157.7	160.1	178.1	220.7	309.4	473.8	751.4	1089.0	1212.0	1306.7	1400.3
57.5°	133.1	135.5	148.1	181.7	253.7	403.6	680.6	1068.0	1222.2	1343.3	1466.2
60°	115.7	117.5	126.5	150.5	208.7	337.6	604.5	1030.9	1219.2	1366.1	1520.8
62.5°	103.1	103.7	111.5	128.3	172.1	275.3	518.7	975.1	1194.6	1369.1	1558.0
65°	91.8	92.4	97.1	109.1	141.5	221.3	429.4	898.3	1147.8	1348.1	1563.4
67.5°	74.4	75.6	82.8	91.8	116.3	175.1	338.2	797.6	1074.6	1293.5	1532.8
70°	59.4	60.0	67.2	77.4	94.8	137.9	259.7	662.1	960.1	1204.8	1453.6
72.5°	44.4	45.6	52.2	62.4	77.4	106.7	187.7	500.7	767.6	1015.9	1265.9
75°	35.4	36.0	38.4	48.0	60.0	81.0	126.5	303.4	462.4	628.5	776.0
77.5°	30.0	30.6	30.6	37.2	44.4	54.6	67.2	120.5	195.5	278.3	368.8
80°	24.6	25.8	23.4	27.6	31.8	31.8	31.2	57.6	92.4	130.7	171.5
82.5°	18.0	19.2	18.0	19.2	19.2	17.4	16.2	21.6	29.4	40.2	43.8
85°	12.6	13.2	14.4	13.2	12.6	10.2	7.8	6.0	3.6	4.2	6.0
87.5°	8.4	10.2	12.0	11.4	9.6	7.8	5.4	3.6	1.8	2.4	2.4
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: P1212013
 CATALOG NUMBER: GKO-PB1D-827-U-T1

CANDELA DISTRIBUTION (continued):

	85°	87.5°	90°
0°	807.2	807.2	807.2
2.5°	807.8	807.2	806.6
5°	810.8	810.2	809.6
7.5°	815.0	815.0	815.0
10°	821.6	822.8	822.8
12.5°	830.0	831.2	831.2
15°	840.2	840.8	842.0
17.5°	852.8	853.4	853.4
20°	867.8	867.2	868.4
22.5°	882.7	882.7	882.7
25°	898.3	898.3	898.3
27.5°	916.3	916.3	915.1
30°	936.1	936.1	936.1
32.5°	960.1	960.7	961.3
35°	990.7	991.9	993.7
37.5°	1025.5	1028.5	1030.3
40°	1066.8	1068.0	1071.0
42.5°	1113.0	1116.6	1117.2
45°	1170.6	1176.6	1179.0
47.5°	1238.4	1246.8	1251.0
50°	1313.9	1323.5	1329.5
52.5°	1396.1	1411.7	1418.9
55°	1483.6	1510.6	1518.4
57.5°	1582.6	1619.2	1630.0
60°	1679.7	1731.3	1748.7
62.5°	1762.5	1835.1	1856.6
65°	1820.7	1908.2	1940.0
67.5°	1832.7	1936.4	1974.2
70°	1760.7	1866.8	1910.6
72.5°	1531.0	1627.0	1681.5
75°	904.3	973.3	956.5
77.5°	454.0	473.8	476.8
80°	199.1	211.1	215.9
82.5°	49.2	50.4	57.0
85°	6.6	7.8	7.2
87.5°	2.4	2.4	3.0
90°	0.0	0.0	0.0

(END OF REPORT)