

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: P1211759

Luminaire Tested: **GKO-PB1F-835-U-T1**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211759
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1F-835-U-T1
Description: GEKKO WALL PACK 6500LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE I DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

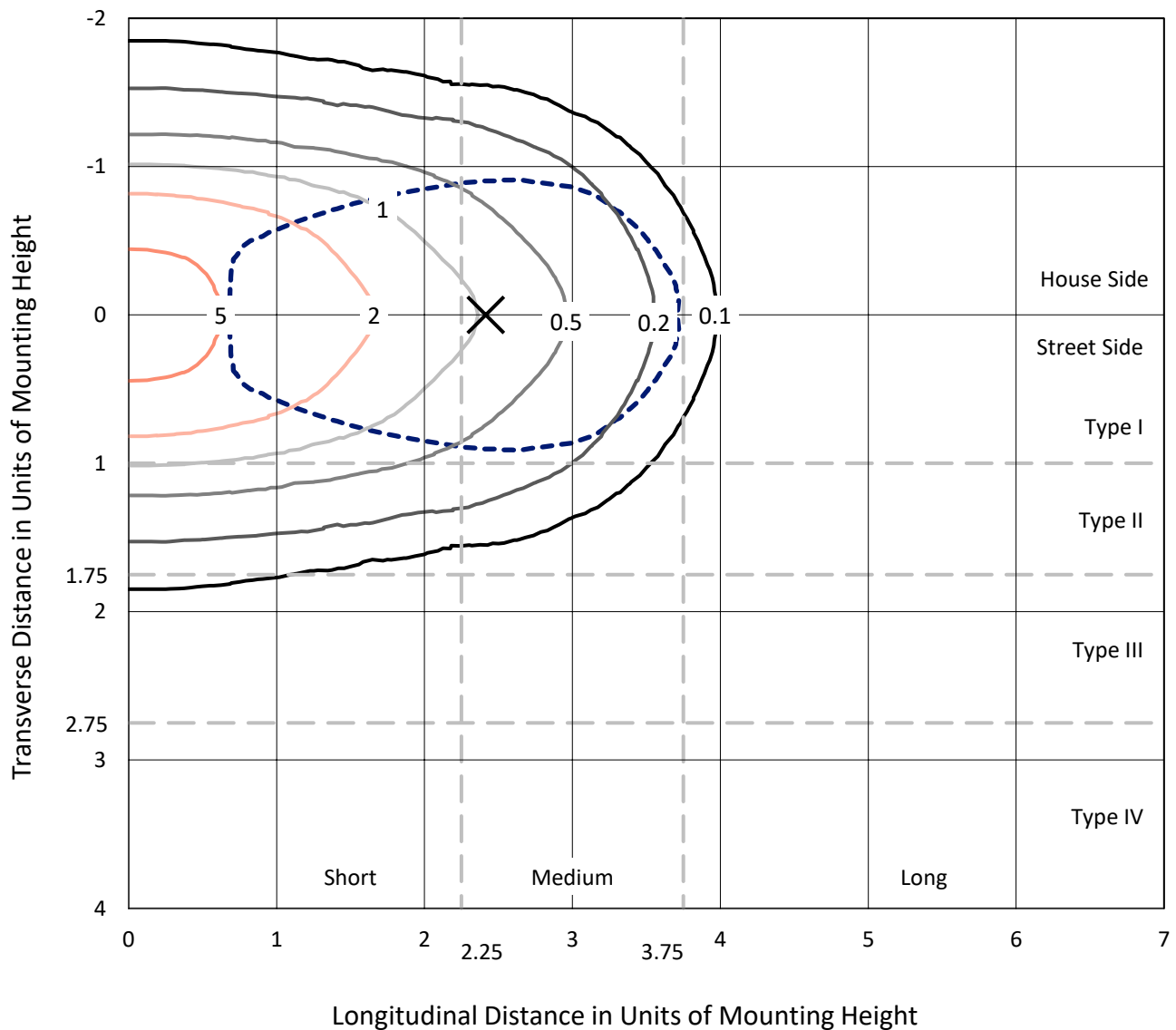
Lumens per Lamp: N/A
Luminaire Lumens: 6269.6 lumens
Efficiency: N/A
Efficacy: 115.0 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type I - Short
BUG Rating: B2 - U0 - G2

Input Watts (W): 54.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 5.7%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1211759
 CATALOG NUMBER: GKO-PB1F-835-U-T1

Iso-Footcandle Lines of Horizontal Illumination

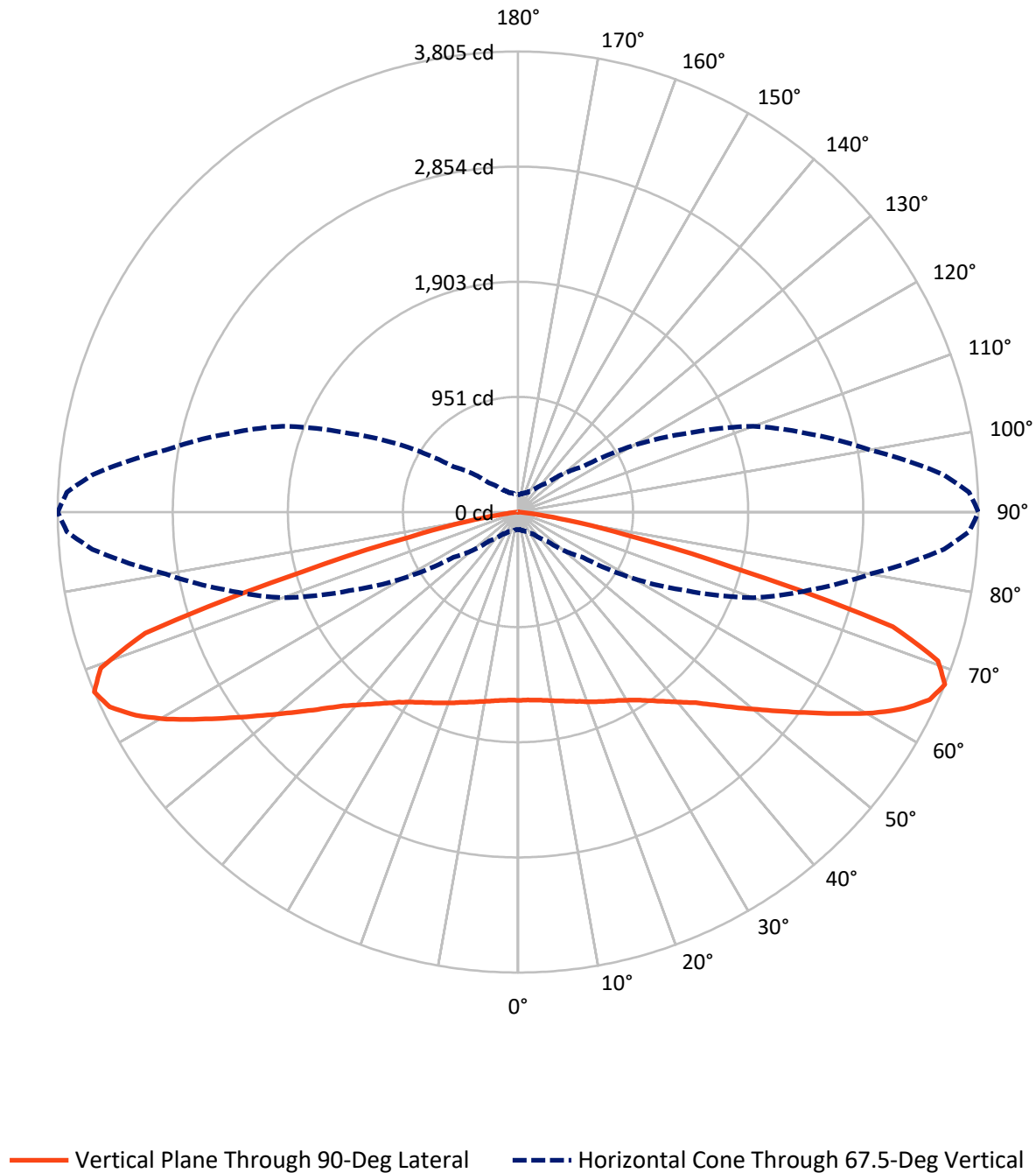
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 6.9 fc
 Type I - Short - N/A

REPORT NUMBER: P1211759
CATALOG NUMBER: GKO-PB1F-835-U-T1

Luminous Intensity Polar Plot



REPORT NUMBER: P1211759

CATALOG NUMBER: GKO-PB1F-835-U-T1

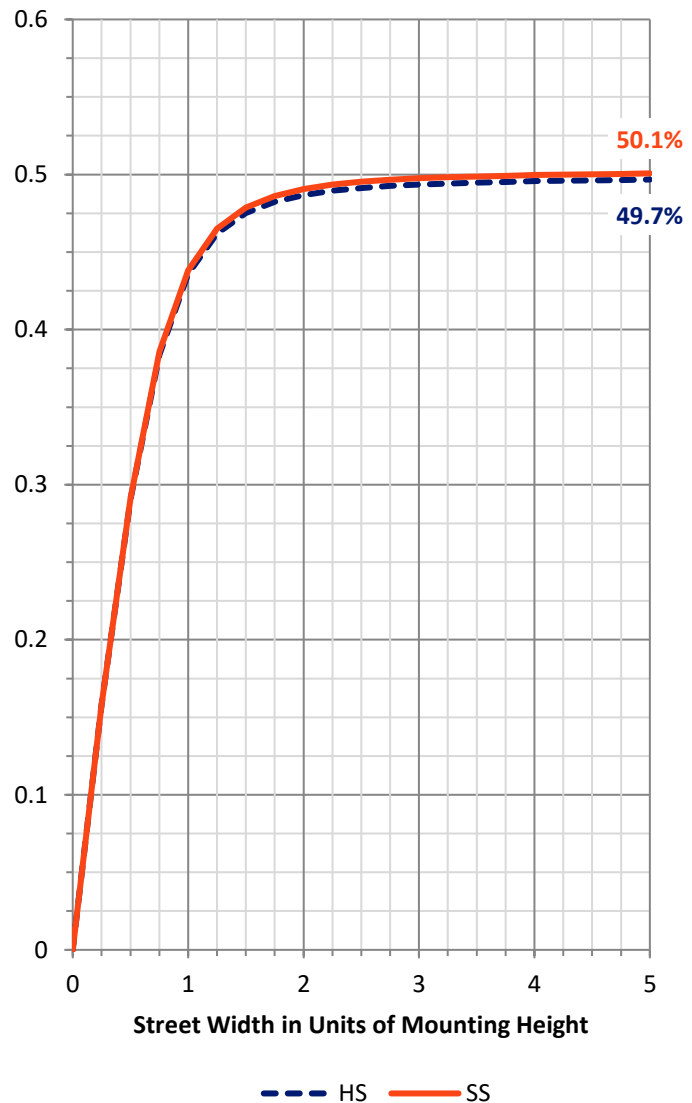
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3134.8	0.0	3134.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3134.8	0.0	3134.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	6269.6	0.0	6269.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.2	2.4
10°-20°	449.6	7.2
20°-30°	747.6	11.9
30°-40°	993.2	15.8
40°-50°	1119.7	17.9
50°-60°	1151.4	18.4
60°-70°	1088.1	17.4
70°-80°	532.6	8.5
80°-90°	38.1	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°	6269.6	100.0
0°-180°	6269.6	100.0



REPORT NUMBER: P1211759

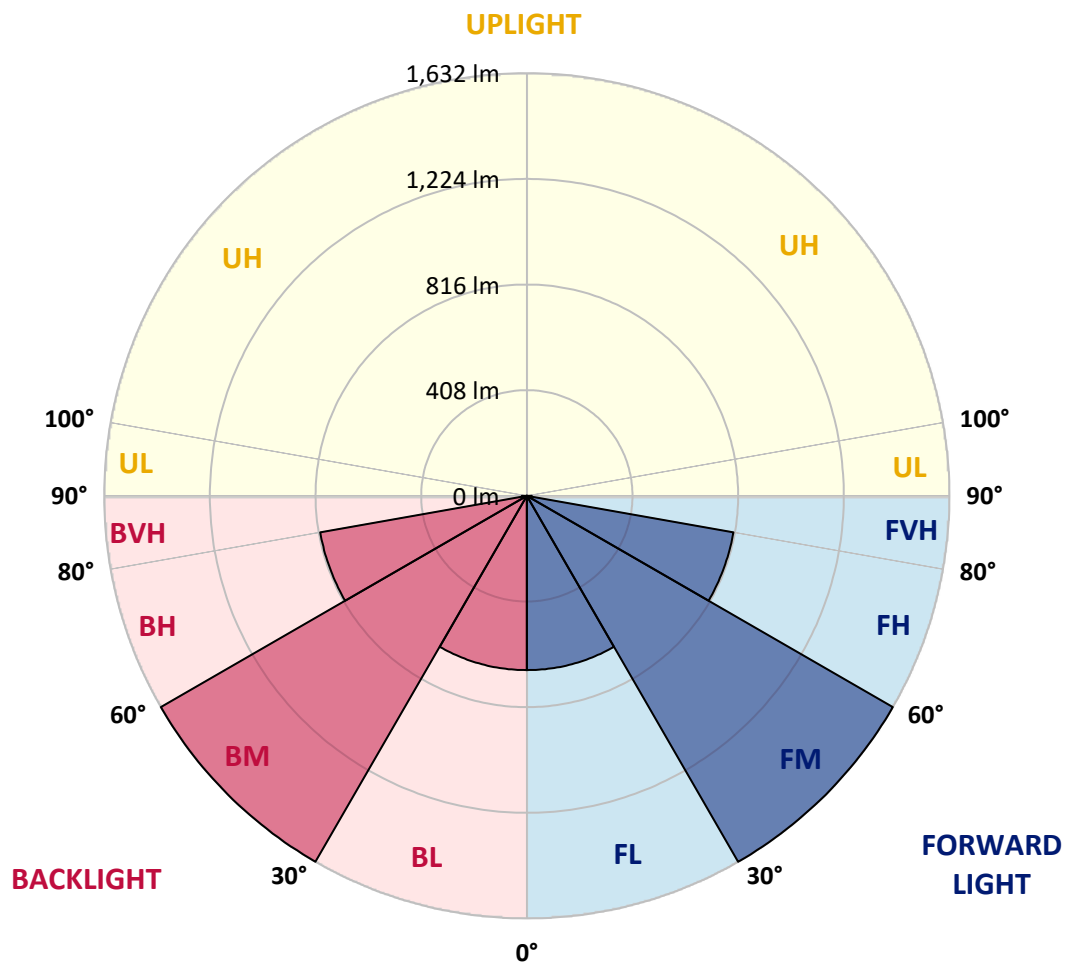
CATALOG NUMBER: GKO-PB1F-835-U-T1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	673.2	10.7			
FM	(30°-60°)	1632.2	26.0			
FH	(60°-80°)	810.4	12.9			G1/1800
FVH	(80°-90°)	19.0	0.3			G1/100
BL	(0°-30°)	673.2	10.7	B2/1000		
BM	(30°-60°)	1632.2	26.0	B2/2500		
BH	(60°-80°)	810.4	12.9	B2/1000		G2/1000
BVH	(80°-90°)	19.0	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type I Short





REPORT NUMBER: P1211759

CATALOG NUMBER: GKO-PB1F-835-U-T1

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	80°
0°	1555.7	1555.7	1555.7	1555.7	1555.7	1555.7	1555.7	1555.7	1555.7	1555.7	1555.7
2.5°	1556.9	1559.2	1554.6	1554.6	1556.9	1558.1	1558.1	1559.2	1556.9	1556.9	1555.7
5°	1556.9	1558.1	1555.7	1555.7	1558.1	1561.5	1560.4	1562.7	1562.7	1561.5	1561.5
7.5°	1555.7	1558.1	1555.7	1556.9	1560.4	1567.3	1567.3	1567.3	1569.6	1571.9	1571.9
10°	1554.6	1556.9	1558.1	1559.2	1563.8	1574.2	1576.5	1577.7	1581.2	1584.6	1584.6
12.5°	1548.8	1551.1	1554.6	1559.2	1567.3	1581.2	1585.8	1589.3	1595.0	1598.5	1600.8
15°	1540.7	1541.9	1550.0	1559.2	1571.9	1589.3	1598.5	1604.3	1612.4	1617.0	1620.5
17.5°	1529.2	1530.3	1543.0	1556.9	1575.4	1599.7	1614.7	1623.9	1632.0	1639.0	1643.6
20°	1514.1	1517.6	1532.6	1554.6	1581.2	1610.1	1632.0	1648.2	1656.3	1663.2	1670.2
22.5°	1495.6	1499.1	1517.6	1548.8	1587.0	1623.9	1652.8	1673.6	1684.0	1693.3	1701.4
25°	1467.9	1472.5	1494.5	1534.9	1589.3	1639.0	1675.9	1702.5	1711.8	1723.3	1730.3
27.5°	1425.1	1428.6	1455.2	1507.2	1582.3	1655.1	1702.5	1733.7	1744.1	1756.9	1763.8
30°	1358.1	1365.0	1397.4	1462.1	1565.0	1667.9	1733.7	1764.9	1777.7	1790.4	1799.6
32.5°	1271.4	1281.8	1317.6	1400.9	1531.5	1672.5	1767.3	1803.1	1819.3	1833.1	1844.7
35°	1163.9	1174.3	1217.1	1322.3	1478.3	1663.2	1800.8	1847.0	1866.7	1885.2	1899.0
37.5°	1041.4	1050.6	1102.7	1222.9	1402.0	1634.3	1827.4	1895.6	1922.1	1946.4	1964.9
40°	917.7	928.1	984.8	1113.1	1309.6	1578.9	1838.9	1948.7	1982.2	2013.5	2036.6
42.5°	783.7	796.4	859.9	996.3	1202.1	1502.6	1829.7	2000.7	2042.3	2085.1	2119.8
45°	664.6	666.9	736.3	868.0	1084.2	1404.3	1797.3	2050.4	2107.1	2167.2	2216.9
47.5°	550.2	554.8	614.9	745.5	961.6	1293.4	1738.4	2089.7	2179.9	2257.3	2330.1
50°	448.5	454.2	508.6	625.3	839.1	1172.0	1658.6	2112.9	2242.3	2347.5	2449.2
52.5°	365.2	372.2	417.3	520.1	715.5	1044.9	1560.4	2116.3	2298.9	2437.6	2572.9
55°	304.0	308.6	343.3	425.3	596.4	913.1	1448.3	2099.0	2335.9	2518.5	2698.9
57.5°	256.6	261.2	285.5	350.2	488.9	777.9	1311.9	2058.5	2355.6	2589.1	2826.0
60°	223.1	226.5	243.9	290.1	402.2	650.7	1165.1	1986.9	2349.8	2633.0	2931.2
62.5°	198.8	200.0	215.0	247.3	331.7	530.5	999.8	1879.4	2302.4	2638.8	3002.8
65°	176.8	178.0	187.2	210.4	272.8	426.5	827.6	1731.4	2212.3	2598.3	3013.2
67.5°	143.3	145.6	159.5	176.8	224.2	337.5	651.9	1537.3	2071.2	2493.1	2954.3
70°	114.4	115.6	129.5	149.1	182.6	265.8	500.5	1276.0	1850.5	2322.1	2801.7
72.5°	85.5	87.8	100.6	120.2	149.1	205.7	361.8	965.1	1479.5	1958.0	2440.0
75°	68.2	69.3	74.0	92.5	115.6	156.0	243.9	584.8	891.1	1211.3	1495.6
77.5°	57.8	58.9	58.9	71.7	85.5	105.2	129.5	232.3	376.8	536.3	710.8
80°	47.4	49.7	45.1	53.2	61.3	61.3	60.1	111.0	178.0	252.0	330.6
82.5°	34.7	37.0	34.7	37.0	37.0	33.5	31.2	41.6	56.6	77.4	84.4
85°	24.3	25.4	27.7	25.4	24.3	19.6	15.0	11.6	6.9	8.1	11.6
87.5°	16.2	19.6	23.1	22.0	18.5	15.0	10.4	6.9	3.5	4.6	4.6
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: P1211759
 CATALOG NUMBER: GKO-PB1F-835-U-T1

CANDELA DISTRIBUTION (continued):

	85°	87.5°	90°
0°	1555.7	1555.7	1555.7
2.5°	1556.9	1555.7	1554.6
5°	1562.7	1561.5	1560.4
7.5°	1570.8	1570.8	1570.8
10°	1583.5	1585.8	1585.8
12.5°	1599.7	1602.0	1602.0
15°	1619.3	1620.5	1622.8
17.5°	1643.6	1644.7	1644.7
20°	1672.5	1671.3	1673.6
22.5°	1701.4	1701.4	1701.4
25°	1731.4	1731.4	1731.4
27.5°	1766.1	1766.1	1763.8
30°	1804.2	1804.2	1804.2
32.5°	1850.5	1851.6	1852.8
35°	1909.4	1911.7	1915.2
37.5°	1976.5	1982.2	1985.7
40°	2056.2	2058.5	2064.3
42.5°	2145.2	2152.2	2153.3
45°	2256.2	2267.7	2272.4
47.5°	2386.8	2403.0	2411.1
50°	2532.4	2550.9	2562.5
52.5°	2690.8	2720.8	2734.7
55°	2859.5	2911.5	2926.6
57.5°	3050.2	3120.7	3141.5
60°	3237.5	3336.9	3370.4
62.5°	3397.0	3536.8	3578.4
65°	3509.1	3677.8	3739.1
67.5°	3532.2	3732.2	3805.0
70°	3393.5	3598.1	3682.5
72.5°	2950.8	3135.8	3240.9
75°	1743.0	1875.9	1843.5
77.5°	875.0	913.1	918.9
80°	383.7	406.9	416.1
82.5°	94.8	97.1	109.8
85°	12.7	15.0	13.9
87.5°	4.6	4.6	5.8
90°	0.0	0.0	0.0

(END OF REPORT)