

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: P628005 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-740-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P628005 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6E-740-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N149
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

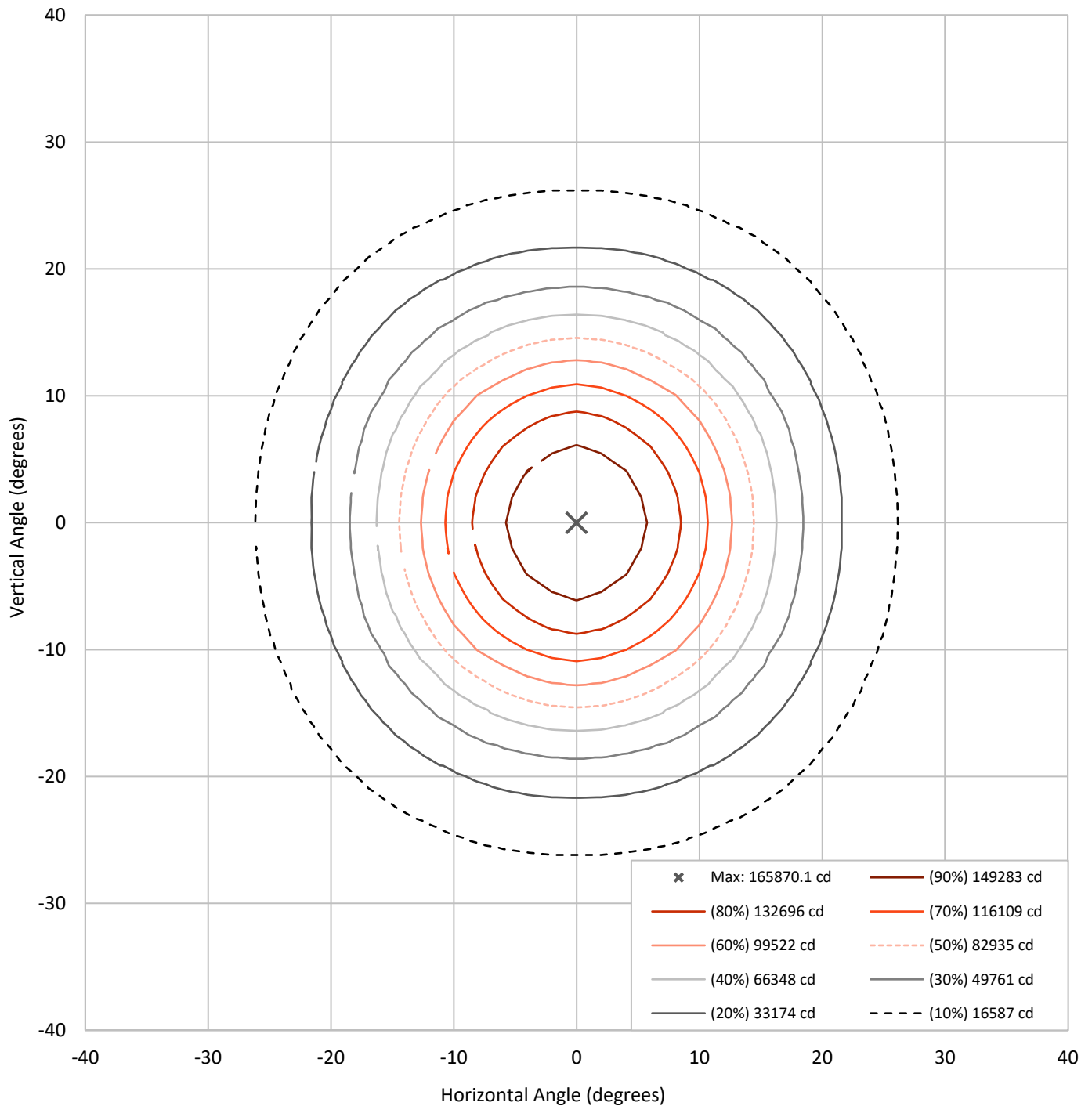
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	51823.5 lumens	Max Intensity:	165870.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	137.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	25195.9 lumens	Field Lumens:	42520.4 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	376.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





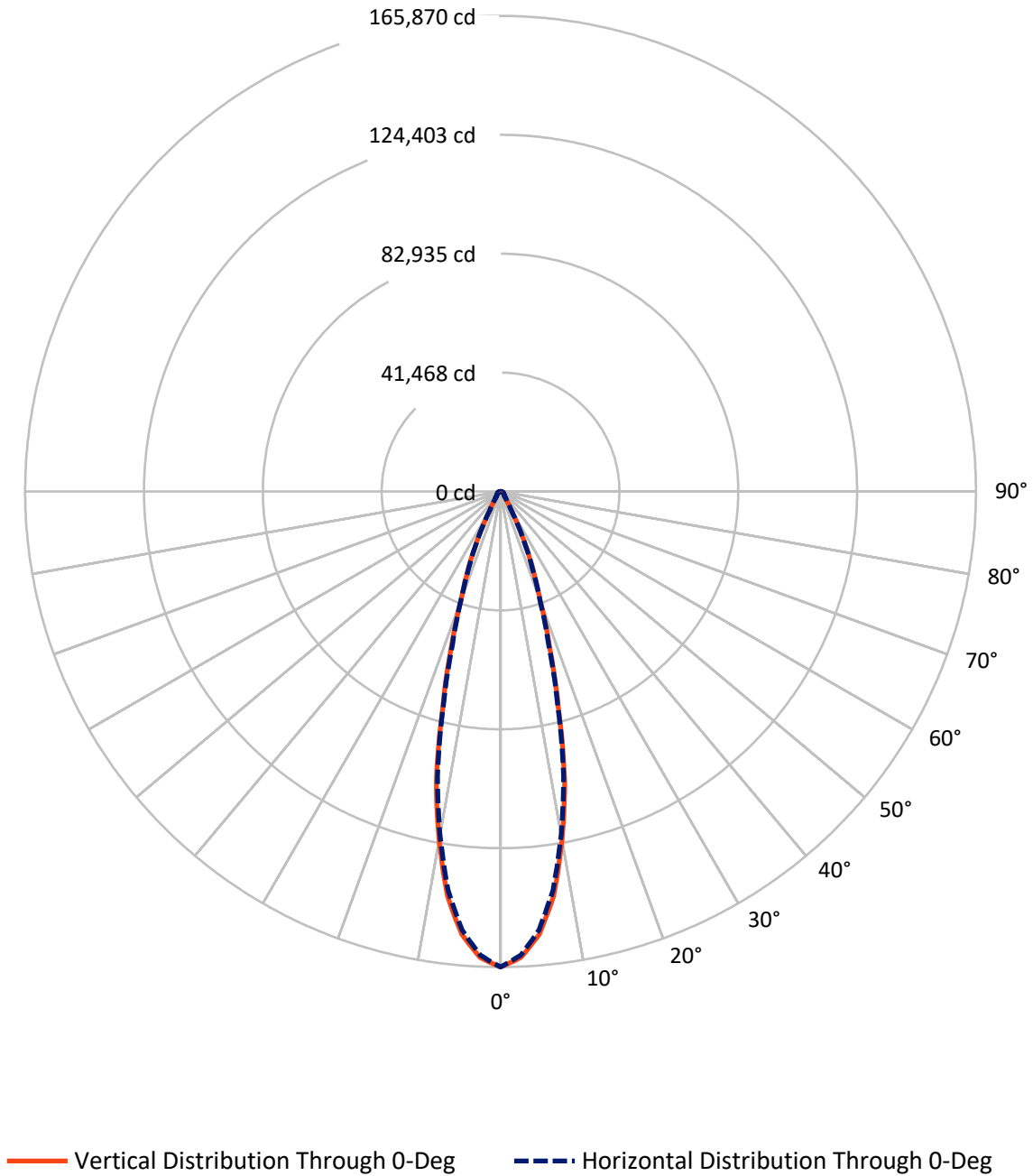
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Lumen Table

90																			
80	1.0	8.6		22.5		35.6		39.5		35.6		22.5		8.6		1.0			
70																			
60	3.9	4.5	9.0	14.6	20.5	25.1	28.0	29.4	29.4	28.0	25.1	20.5	14.6	9.0	4.5	3.9			
50		6.6	13.4	21.6	29.0	35.6	40.0	41.5	41.5	40.0	35.6	29.0	21.6	13.4	6.6				
40	6.8	8.5	17.2	26.7	35.5	44.9	52.7	56.7	56.7	52.7	44.9	35.5	26.7	17.2	8.5	6.8			
30		10.0	20.1	30.8	43.5	62.0	89.8	116.7	116.7	89.8	62.0	43.5	30.8	20.1	10.0				
20	8.8	11.2	22.0	34.7	55.7	121.2	341.1	605.0	605.0	341.1	121.2	55.7	34.7	22.0	11.2	8.8			
10		12.0	23.1	37.7	75.9	318.1	1133.6	2172.3	2172.3	1133.6	318.1	75.9	37.7	23.1	12.0				
0	9.4	12.5	23.5	39.7	96.4	549.0	2098.3	4127.3	4127.3	2098.3	549.0	96.4	39.7	23.5	12.5	9.4			
-10		12.5	23.5	39.7	96.4	549.0	2098.3	4127.3	4127.3	2098.3	549.0	96.4	39.7	23.5	12.5				
-20	8.8	12.0	23.1	37.7	75.9	318.1	1133.6	2172.3	2172.3	1133.6	318.1	75.9	37.7	23.1	12.0	8.8			
-30		11.2	22.0	34.7	55.7	121.2	341.1	605.0	605.0	341.1	121.2	55.7	34.7	22.0	11.2				
-40	6.8	10.0	20.1	30.8	43.5	62.0	89.8	116.7	116.7	89.8	62.0	43.5	30.8	20.1	10.0	6.8			
-50		8.5	17.2	26.7	35.5	44.9	52.7	56.7	56.7	52.7	44.9	35.5	26.7	17.2	8.5				
-60	3.9	6.6	13.4	21.6	29.0	35.6	40.0	41.5	41.5	40.0	35.6	29.0	21.6	13.4	6.6	3.9			
-70		4.5	9.0	14.6	20.5	25.1	28.0	29.4	29.4	28.0	25.1	20.5	14.6	9.0	4.5				
-80																			
-90	1.0	8.6		22.5		35.6		39.5		35.6		22.5		8.6		1.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

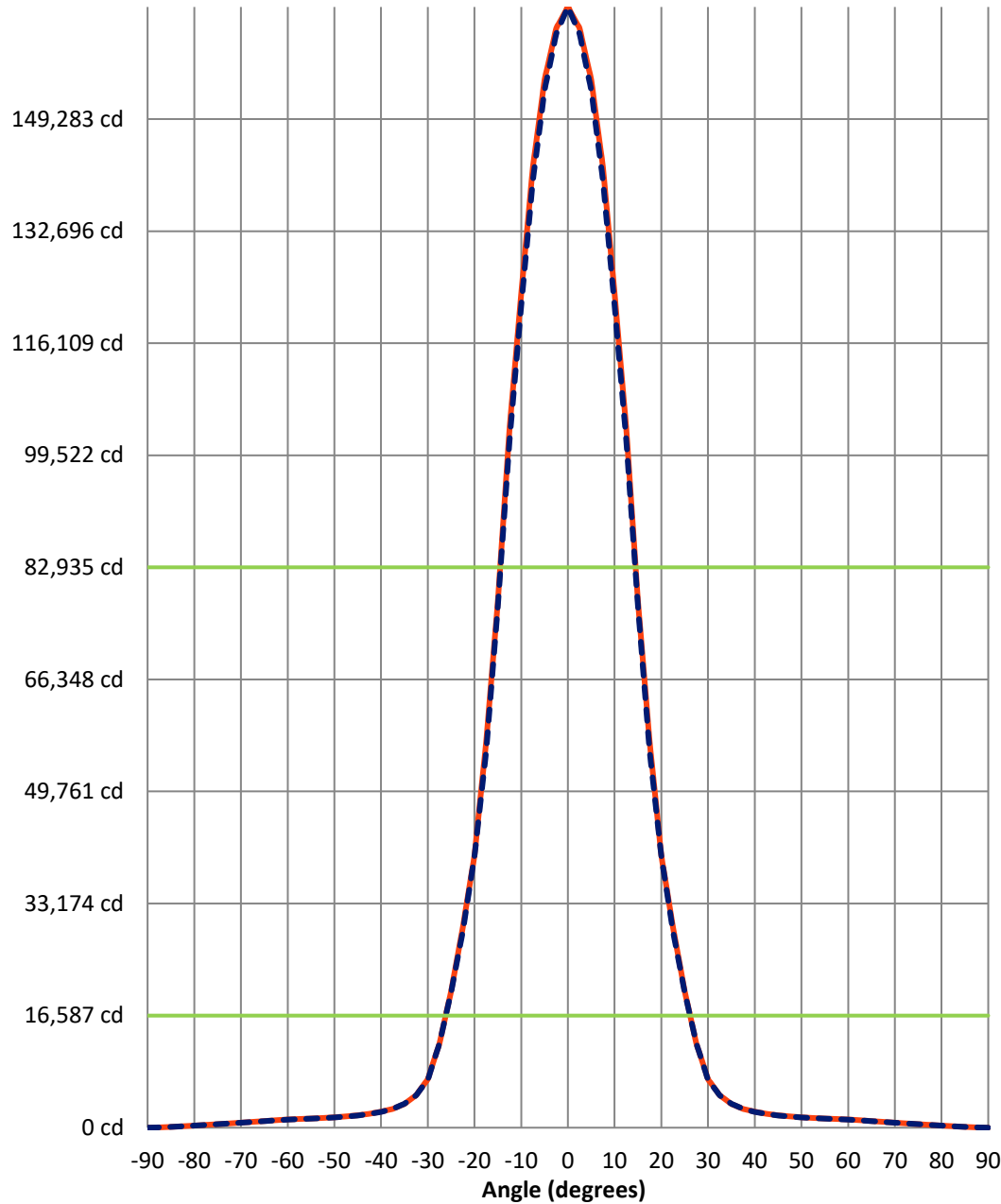
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 25195.9
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 42520.4
 Efficiency: 82.0%

Spill:
 Lumens: 9303.1
 Efficiency: 18.0%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.9	3.7	5.6	7.4	9.2	11.0	12.8	14.6	16.3	18.0
85°	0.0	3.7	7.4	11.1	14.8	18.4	22.0	25.6	29.1	32.6	36.0
82.5°	0.0	5.6	11.1	16.6	22.1	27.6	33.0	38.3	44.5	54.6	65.1
80°	0.0	7.4	14.8	22.1	29.4	36.7	44.9	57.8	71.4	85.7	100.6
77.5°	0.0	9.2	18.4	27.6	36.7	48.1	63.8	80.4	98.0	116.4	136.8
75°	0.0	11.0	22.0	33.0	44.9	63.8	82.6	102.7	124.8	150.6	176.0
72.5°	0.0	12.8	25.6	38.3	57.3	79.3	101.1	126.2	156.1	185.7	214.9
70°	0.0	14.6	29.1	44.3	69.6	94.6	120.1	153.3	187.1	220.5	256.7
67.5°	0.0	16.3	32.6	53.4	81.6	109.7	143.3	180.0	217.6	258.5	298.8
65°	0.0	18.0	36.0	62.3	93.5	126.6	166.1	206.3	250.9	295.9	341.1
62.5°	0.0	19.7	39.3	71.1	105.2	145.3	188.5	234.1	283.6	332.9	384.7
60°	0.0	21.3	42.6	79.6	116.5	163.6	210.4	262.1	315.5	370.5	427.1
57.5°	0.0	22.9	48.1	87.9	130.6	181.4	233.5	289.4	347.2	406.8	468.9
55°	0.0	24.4	53.5	96.0	144.5	198.8	255.9	316.0	378.0	442.3	510.1
52.5°	0.0	25.9	58.7	103.9	158.0	215.8	277.6	341.7	407.5	478.2	550.0
50°	0.0	27.4	63.8	111.5	171.1	233.0	298.4	366.7	436.5	512.9	586.9
47.5°	0.0	28.8	68.7	119.4	183.7	249.4	318.3	390.7	466.2	546.4	621.9
45°	0.0	30.1	73.4	128.4	195.8	265.1	338.1	413.8	495.0	576.0	654.9
42.5°	0.0	31.4	77.9	137.1	207.4	279.9	357.0	436.8	522.2	603.9	685.3
40°	0.0	32.6	82.2	145.3	218.5	294.0	375.0	459.2	547.1	630.0	714.0
37.5°	0.0	33.8	86.3	152.9	229.2	307.2	392.0	480.2	569.4	655.1	741.2
35°	0.0	34.9	90.1	160.0	239.1	320.2	408.1	499.7	590.3	678.7	766.7
32.5°	0.0	35.9	93.7	166.6	248.4	332.7	423.4	517.8	609.8	700.9	791.5
30°	0.0	36.9	97.1	172.7	257.0	344.4	437.8	534.2	628.0	721.4	814.5
27.5°	0.0	37.8	100.2	178.1	264.8	355.2	451.0	548.7	644.7	740.3	835.7
25°	0.0	38.6	103.1	183.1	271.9	365.0	462.8	561.9	659.9	757.6	855.2
22.5°	0.0	39.4	105.7	187.5	278.6	373.9	473.4	573.8	673.6	773.2	874.6
20°	0.0	40.0	108.1	191.3	284.7	381.7	482.8	584.4	685.7	787.0	891.9
17.5°	0.0	40.6	110.2	194.5	290.1	388.3	491.2	593.5	696.3	799.0	906.9
15°	0.0	41.1	112.0	197.3	294.9	393.8	499.0	602.0	705.2	809.1	919.7
12.5°	0.0	41.6	113.6	199.4	299.0	398.2	505.7	610.0	713.6	817.4	930.2
10°	0.0	42.0	114.8	201.0	302.5	401.5	511.3	616.5	721.1	827.4	940.0
7.5°	0.0	42.2	115.8	202.1	305.2	403.8	515.8	621.6	727.0	836.2	950.7
5°	0.0	42.4	116.5	202.7	307.2	405.0	519.0	625.3	731.2	843.3	959.2
2.5°	0.0	42.6	117.0	202.8	308.4	405.3	521.0	627.5	733.8	848.5	965.2
0°	0.0	42.6	117.1	202.3	308.8	404.6	521.7	628.2	734.6	851.8	968.9
-2.5°	0.0	42.6	117.0	202.8	308.4	405.3	521.0	627.5	733.8	848.5	965.2
-5°	0.0	42.4	116.5	202.7	307.2	405.0	519.0	625.3	731.2	843.3	959.2
-7.5°	0.0	42.2	115.8	202.1	305.2	403.8	515.8	621.6	727.0	836.2	950.7
-10°	0.0	42.0	114.8	201.0	302.5	401.5	511.3	616.5	721.1	827.4	940.0
-12.5°	0.0	41.6	113.6	199.4	299.0	398.2	505.7	610.0	713.6	817.4	930.2
-15°	0.0	41.1	112.0	197.3	294.9	393.8	499.0	602.0	705.2	809.1	919.7
-17.5°	0.0	40.6	110.2	194.5	290.1	388.3	491.2	593.5	696.3	799.0	906.9
-20°	0.0	40.0	108.1	191.3	284.7	381.7	482.8	584.4	685.7	787.0	891.9

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CATALOG NUMBER: GFLD-SA6E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	39.4	105.7	187.5	278.6	373.9	473.4	573.8	673.6	773.2	874.6
-25°	0.0	38.6	103.1	183.1	271.9	365.0	462.8	561.9	659.9	757.6	855.2
-27.5°	0.0	37.8	100.2	178.1	264.8	355.2	451.0	548.7	644.7	740.3	835.7
-30°	0.0	36.9	97.1	172.7	257.0	344.4	437.8	534.2	628.0	721.4	814.5
-32.5°	0.0	35.9	93.7	166.6	248.4	332.7	423.4	517.8	609.8	700.9	791.5
-35°	0.0	34.9	90.1	160.0	239.1	320.2	408.1	499.7	590.3	678.7	766.7
-37.5°	0.0	33.8	86.3	152.9	229.2	307.2	392.0	480.2	569.4	655.1	741.2
-40°	0.0	32.6	82.2	145.3	218.5	294.0	375.0	459.2	547.1	630.0	714.0
-42.5°	0.0	31.4	77.9	137.1	207.4	279.9	357.0	436.8	522.2	603.9	685.3
-45°	0.0	30.1	73.4	128.4	195.8	265.1	338.1	413.8	495.0	576.0	654.9
-47.5°	0.0	28.8	68.7	119.4	183.7	249.4	318.3	390.7	466.2	546.4	621.9
-50°	0.0	27.4	63.8	111.5	171.1	233.0	298.4	366.7	436.5	512.9	586.9
-52.5°	0.0	25.9	58.7	103.9	158.0	215.8	277.6	341.7	407.5	478.2	550.0
-55°	0.0	24.4	53.5	96.0	144.5	198.8	255.9	316.0	378.0	442.3	510.1
-57.5°	0.0	22.9	48.1	87.9	130.6	181.4	233.5	289.4	347.2	406.8	468.9
-60°	0.0	21.3	42.6	79.6	116.5	163.6	210.4	262.1	315.5	370.5	427.1
-62.5°	0.0	19.7	39.3	71.1	105.2	145.3	188.5	234.1	283.6	332.9	384.7
-65°	0.0	18.0	36.0	62.3	93.5	126.6	166.1	206.3	250.9	295.9	341.1
-67.5°	0.0	16.3	32.6	53.4	81.6	109.7	143.3	180.0	217.6	258.5	298.8
-70°	0.0	14.6	29.1	44.3	69.6	94.6	120.1	153.3	187.1	220.5	256.7
-72.5°	0.0	12.8	25.6	38.3	57.3	79.3	101.1	126.2	156.1	185.7	214.9
-75°	0.0	11.0	22.0	33.0	44.9	63.8	82.6	102.7	124.8	150.6	176.0
-77.5°	0.0	9.2	18.4	27.6	36.7	48.1	63.8	80.4	98.0	116.4	136.8
-80°	0.0	7.4	14.8	22.1	29.4	36.7	44.9	57.8	71.4	85.7	100.6
-82.5°	0.0	5.6	11.1	16.6	22.1	27.6	33.0	38.3	44.5	54.6	65.1
-85°	0.0	3.7	7.4	11.1	14.8	18.4	22.0	25.6	29.1	32.6	36.0
-87.5°	0.0	1.9	3.7	5.6	7.4	9.2	11.0	12.8	14.6	16.3	18.0
-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):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.7	21.3	22.9	24.4	25.9	27.4	28.8	30.1	31.4	32.6	33.8
85°	39.3	42.6	48.9	55.1	61.1	66.8	72.4	77.8	83.0	87.9	92.5
82.5°	75.2	84.9	94.5	103.7	112.7	121.4	129.8	137.9	145.6	152.9	159.9
80°	114.1	127.1	140.3	152.3	164.2	175.8	186.9	197.7	208.0	219.0	230.7
77.5°	155.4	172.0	187.2	200.9	215.9	234.1	251.6	268.4	284.6	300.0	314.6
75°	197.9	216.8	237.6	258.1	279.6	301.4	322.5	342.9	362.7	383.0	403.3
72.5°	242.6	268.4	293.5	317.9	344.8	371.2	395.5	417.7	442.8	470.3	495.5
70°	290.0	319.8	351.4	382.7	413.2	442.7	472.8	503.0	533.6	563.3	591.6
67.5°	337.7	375.1	411.6	447.2	481.8	517.1	552.8	589.4	624.6	658.2	691.0
65°	388.5	430.3	471.1	510.9	549.5	592.6	634.9	675.7	720.3	761.7	797.6
62.5°	437.9	484.7	529.8	574.8	621.7	669.4	718.4	769.7	822.8	861.1	894.1
60°	485.4	538.2	588.5	640.1	692.4	746.2	802.6	857.2	905.7	947.5	982.3
57.5°	531.8	590.9	646.7	702.7	760.0	821.1	883.1	938.9	984.1	1024.5	1062.5
55°	576.7	642.2	701.5	761.2	826.2	897.9	961.4	1011.8	1058.1	1091.4	1127.8
52.5°	619.5	689.6	751.7	818.5	892.9	967.3	1030.4	1079.4	1118.2	1152.7	1188.2
50°	660.4	730.9	799.8	875.8	954.3	1029.0	1092.9	1137.9	1176.9	1212.9	1247.0
47.5°	697.5	770.7	848.6	929.8	1012.0	1085.7	1146.9	1192.8	1233.3	1270.2	1307.8
45°	732.4	811.1	893.9	982.9	1067.1	1140.1	1195.8	1245.1	1284.0	1325.6	1372.7
42.5°	765.8	850.0	939.9	1034.7	1120.6	1187.4	1241.4	1288.7	1333.5	1383.5	1436.0
40°	798.6	886.3	983.5	1083.1	1170.6	1228.6	1282.7	1332.8	1384.5	1441.1	1498.4
37.5°	829.2	923.4	1024.3	1128.3	1207.5	1267.6	1323.6	1379.5	1437.5	1498.4	1569.6
35°	857.4	957.5	1063.4	1163.9	1239.9	1305.6	1365.5	1426.1	1491.1	1565.5	1644.0
32.5°	884.8	988.6	1099.7	1193.9	1269.6	1339.6	1405.8	1474.3	1548.7	1630.6	1720.4
30°	911.7	1019.1	1131.5	1224.6	1296.0	1367.7	1445.3	1521.5	1604.2	1695.3	1800.7
27.5°	937.8	1047.2	1158.1	1248.7	1319.1	1392.1	1475.3	1568.0	1658.4	1758.2	1880.3
25°	961.8	1076.2	1184.4	1267.8	1339.0	1415.5	1502.4	1601.0	1707.4	1826.0	1975.7
22.5°	984.4	1102.5	1209.2	1284.0	1355.7	1435.9	1529.4	1633.7	1749.4	1886.8	2069.6
20°	1005.6	1122.9	1225.8	1299.0	1369.4	1452.2	1552.7	1662.6	1794.6	1961.2	2179.8
17.5°	1024.2	1140.1	1237.2	1311.2	1383.8	1469.0	1572.6	1687.1	1835.4	2026.9	2285.6
15°	1040.0	1154.2	1247.1	1320.7	1396.1	1486.3	1593.0	1717.7	1880.2	2091.2	2377.0
12.5°	1053.0	1165.3	1255.4	1327.4	1405.6	1499.2	1610.4	1747.2	1924.9	2161.4	2500.2
10°	1063.2	1173.3	1261.9	1331.7	1412.3	1507.7	1624.0	1770.3	1961.0	2220.0	2605.7
7.5°	1073.2	1180.5	1266.5	1333.4	1416.2	1511.9	1633.6	1786.6	1987.5	2264.1	2689.8
5°	1080.4	1187.1	1269.2	1337.4	1418.7	1513.8	1640.0	1796.1	2004.1	2293.2	2749.3
2.5°	1084.6	1191.2	1269.3	1340.4	1418.8	1514.6	1647.6	1801.3	2022.5	2317.6	2783.1
0°	1086.0	1192.5	1267.0	1341.5	1416.1	1511.9	1650.3	1799.3	2033.6	2331.7	2789.5
-2.5°	1084.6	1191.2	1269.3	1340.4	1418.8	1514.6	1647.6	1801.3	2022.5	2317.6	2783.1
-5°	1080.4	1187.1	1269.2	1337.4	1418.7	1513.8	1640.0	1796.1	2004.1	2293.2	2749.3
-7.5°	1073.2	1180.5	1266.5	1333.4	1416.2	1511.9	1633.6	1786.6	1987.5	2264.1	2689.8
-10°	1063.2	1173.3	1261.9	1331.7	1412.3	1507.7	1624.0	1770.3	1961.0	2220.0	2605.7
-12.5°	1053.0	1165.3	1255.4	1327.4	1405.6	1499.2	1610.4	1747.2	1924.9	2161.4	2500.2
-15°	1040.0	1154.2	1247.1	1320.7	1396.1	1486.3	1593.0	1717.7	1880.2	2091.2	2377.0
-17.5°	1024.2	1140.1	1237.2	1311.2	1383.8	1469.0	1572.6	1687.1	1835.4	2026.9	2285.6
-20°	1005.6	1122.9	1225.8	1299.0	1369.4	1452.2	1552.7	1662.6	1794.6	1961.2	2179.8

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P628005 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	984.4	1102.5	1209.2	1284.0	1355.7	1435.9	1529.4	1633.7	1749.4	1886.8	2069.6
-25°	961.8	1076.2	1184.4	1267.8	1339.0	1415.5	1502.4	1601.0	1707.4	1826.0	1975.7
-27.5°	937.8	1047.2	1158.1	1248.7	1319.1	1392.1	1475.3	1568.0	1658.4	1758.2	1880.3
-30°	911.7	1019.1	1131.5	1224.6	1296.0	1367.7	1445.3	1521.5	1604.2	1695.3	1800.7
-32.5°	884.8	988.6	1099.7	1193.9	1269.6	1339.6	1405.8	1474.3	1548.7	1630.6	1720.4
-35°	857.4	957.5	1063.4	1163.9	1239.9	1305.6	1365.5	1426.1	1491.1	1565.5	1644.0
-37.5°	829.2	923.4	1024.3	1128.3	1207.5	1267.6	1323.6	1379.5	1437.5	1498.4	1569.6
-40°	798.6	886.3	983.5	1083.1	1170.6	1228.6	1282.7	1332.8	1384.5	1441.1	1498.4
-42.5°	765.8	850.0	939.9	1034.7	1120.6	1187.4	1241.4	1288.7	1333.5	1383.5	1436.0
-45°	732.4	811.1	893.9	982.9	1067.1	1140.1	1195.8	1245.1	1284.0	1325.6	1372.7
-47.5°	697.5	770.7	848.6	929.8	1012.0	1085.7	1146.9	1192.8	1233.3	1270.2	1307.8
-50°	660.4	730.9	799.8	875.8	954.3	1029.0	1092.9	1137.9	1176.9	1212.9	1247.0
-52.5°	619.5	689.6	751.7	818.5	892.9	967.3	1030.4	1079.4	1118.2	1152.7	1188.2
-55°	576.7	642.2	701.5	761.2	826.2	897.9	961.4	1011.8	1058.1	1091.4	1127.8
-57.5°	531.8	590.9	646.7	702.7	760.0	821.1	883.1	938.9	984.1	1024.5	1062.5
-60°	485.4	538.2	588.5	640.1	692.4	746.2	802.6	857.2	905.7	947.5	982.3
-62.5°	437.9	484.7	529.8	574.8	621.7	669.4	718.4	769.7	822.8	861.1	894.1
-65°	388.5	430.3	471.1	510.9	549.5	592.6	634.9	675.7	720.3	761.7	797.6
-67.5°	337.7	375.1	411.6	447.2	481.8	517.1	552.8	589.4	624.6	658.2	691.0
-70°	290.0	319.8	351.4	382.7	413.2	442.7	472.8	503.0	533.6	563.3	591.6
-72.5°	242.6	268.4	293.5	317.9	344.8	371.2	395.5	417.7	442.8	470.3	495.5
-75°	197.9	216.8	237.6	258.1	279.6	301.4	322.5	342.9	362.7	383.0	403.3
-77.5°	155.4	172.0	187.2	200.9	215.9	234.1	251.6	268.4	284.6	300.0	314.6
-80°	114.1	127.1	140.3	152.3	164.2	175.8	186.9	197.7	208.0	219.0	230.7
-82.5°	75.2	84.9	94.5	103.7	112.7	121.4	129.8	137.9	145.6	152.9	159.9
-85°	39.3	42.6	48.9	55.1	61.1	66.8	72.4	77.8	83.0	87.9	92.5
-87.5°	19.7	21.3	22.9	24.4	25.9	27.4	28.8	30.1	31.4	32.6	33.8
-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: P628005 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	34.9	35.9	36.9	37.8	38.6	39.4	40.0	40.6	41.1	41.6	42.0
85°	96.9	101.1	104.9	108.5	111.8	112.6	112.9	112.7	112.1	113.6	114.8
82.5°	166.5	174.0	181.6	189.1	196.4	199.1	201.0	202.4	203.2	206.0	208.5
80°	241.8	253.6	264.5	274.3	283.0	289.2	294.8	300.0	304.8	307.0	308.0
77.5°	329.3	343.7	357.0	369.5	380.9	390.0	397.3	403.2	407.8	410.7	412.6
75°	423.4	441.6	457.7	472.7	486.4	496.1	502.8	507.8	511.1	514.7	517.5
72.5°	518.5	539.1	558.3	576.3	592.2	603.3	611.1	617.4	622.2	625.7	627.5
70°	618.5	643.2	664.3	682.4	696.7	707.4	715.7	722.5	727.7	731.2	733.1
67.5°	722.1	748.5	768.3	784.0	796.9	808.2	818.6	826.3	831.4	836.5	842.0
65°	827.6	854.4	874.7	891.4	905.0	919.6	933.0	942.9	949.5	955.6	961.7
62.5°	926.7	957.2	980.6	1002.6	1024.8	1045.7	1057.9	1067.3	1073.9	1079.8	1086.8
60°	1017.0	1051.4	1080.1	1106.6	1133.8	1161.0	1172.2	1181.0	1189.3	1197.1	1204.2
57.5°	1097.0	1133.5	1168.4	1194.7	1220.6	1246.1	1263.6	1273.3	1279.8	1283.4	1286.3
55°	1166.6	1203.1	1238.0	1268.2	1296.4	1322.5	1342.1	1351.5	1358.5	1363.0	1365.7
52.5°	1229.0	1268.1	1305.4	1338.9	1369.3	1397.5	1421.9	1434.9	1445.4	1452.9	1455.3
50°	1290.3	1332.6	1372.9	1408.8	1444.2	1477.9	1509.0	1527.0	1539.6	1547.4	1549.9
47.5°	1354.3	1400.2	1443.8	1485.5	1525.6	1565.6	1602.4	1627.0	1645.2	1658.6	1668.2
45°	1420.9	1470.3	1518.5	1567.7	1613.9	1665.4	1712.1	1747.9	1774.3	1797.2	1815.5
42.5°	1487.9	1543.4	1598.8	1662.2	1725.2	1783.9	1839.4	1886.8	1930.0	1972.4	2005.4
40°	1560.8	1621.6	1697.4	1772.4	1850.2	1918.5	1999.4	2071.9	2138.4	2210.2	2269.7
37.5°	1640.5	1718.6	1808.4	1898.3	1999.4	2097.5	2210.6	2322.0	2418.7	2544.6	2645.6
35°	1727.3	1826.3	1932.2	2052.9	2183.3	2337.2	2495.5	2681.1	2838.5	3038.5	3223.1
32.5°	1824.0	1940.4	2077.8	2243.8	2419.8	2666.9	2898.7	3213.3	3482.3	3829.3	4208.3
30°	1922.3	2072.7	2259.7	2474.0	2771.7	3122.4	3531.3	4063.2	4638.6	5233.8	6035.1
27.5°	2038.9	2234.1	2467.6	2798.6	3243.9	3729.4	4562.4	5461.9	6715.0	7707.0	9473.8
25°	2164.4	2406.1	2751.0	3230.7	3846.0	4828.5	6234.7	7863.0	10370.4	12600.7	15163.8
22.5°	2313.1	2641.3	3098.0	3726.2	4798.9	6489.2	8684.1	12027.8	15744.8	19413.4	22766.5
20°	2470.5	2867.0	3505.6	4528.8	6186.7	8630.8	12546.8	17324.7	22259.3	27287.0	31523.9
17.5°	2654.4	3192.8	4034.0	5392.9	7758.3	11942.9	17173.4	23248.7	29695.6	36111.1	41683.7
15°	2812.4	3477.6	4610.4	6645.7	10173.0	15407.2	21835.8	29508.7	37615.8	45941.8	54965.6
12.5°	3013.9	3820.9	5204.3	7681.5	12315.5	19118.8	26984.5	35893.1	45792.9	56847.8	70915.7
10°	3198.9	4180.9	5985.4	9341.2	14891.0	22585.8	31432.0	41539.1	54380.0	70992.6	87962.0
7.5°	3347.0	4466.3	6591.2	10636.2	17050.8	25547.6	35436.6	47554.4	63574.6	83356.4	102745.0
5°	3450.1	4664.2	7024.6	11614.7	18788.1	27811.1	38278.5	51988.8	71324.6	93476.8	113273.8
2.5°	3514.8	4772.4	7236.7	12195.7	19921.3	29173.2	40051.5	54807.0	76074.6	99919.2	119963.0
0°	3545.5	4791.2	7101.6	12478.3	20080.3	29077.0	40213.8	55747.9	77201.6	101668.5	121631.7
-2.5°	3514.8	4772.4	7236.7	12195.7	19921.3	29173.2	40051.5	54807.0	76074.6	99919.2	119963.0
-5°	3450.1	4664.2	7024.6	11614.7	18788.1	27811.1	38278.5	51988.8	71324.6	93476.8	113273.8
-7.5°	3347.0	4466.3	6591.2	10636.2	17050.8	25547.6	35436.6	47554.4	63574.6	83356.4	102745.0
-10°	3198.9	4180.9	5985.4	9341.2	14891.0	22585.8	31432.0	41539.1	54380.0	70992.6	87962.0
-12.5°	3013.9	3820.9	5204.3	7681.5	12315.5	19118.8	26984.5	35893.1	45792.9	56847.8	70915.7
-15°	2812.4	3477.6	4610.4	6645.7	10173.0	15407.2	21835.8	29508.7	37615.8	45941.8	54965.6
-17.5°	2654.4	3192.8	4034.0	5392.9	7758.3	11942.9	17173.4	23248.7	29695.6	36111.1	41683.7
-20°	2470.5	2867.0	3505.6	4528.8	6186.7	8630.8	12546.8	17324.7	22259.3	27287.0	31523.9

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P628005 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2313.1	2641.3	3098.0	3726.2	4798.9	6489.2	8684.1	12027.8	15744.8	19413.4	22766.5
-25°	2164.4	2406.1	2751.0	3230.7	3846.0	4828.5	6234.7	7863.0	10370.4	12600.7	15163.8
-27.5°	2038.9	2234.1	2467.6	2798.6	3243.9	3729.4	4562.4	5461.9	6715.0	7707.0	9473.8
-30°	1922.3	2072.7	2259.7	2474.0	2771.7	3122.4	3531.3	4063.2	4638.6	5233.8	6035.1
-32.5°	1824.0	1940.4	2077.8	2243.8	2419.8	2666.9	2898.7	3213.3	3482.3	3829.3	4208.3
-35°	1727.3	1826.3	1932.2	2052.9	2183.3	2337.2	2495.5	2681.1	2838.5	3038.5	3223.1
-37.5°	1640.5	1718.6	1808.4	1898.3	1999.4	2097.5	2210.6	2322.0	2418.7	2544.6	2645.6
-40°	1560.8	1621.6	1697.4	1772.4	1850.2	1918.5	1999.4	2071.9	2138.4	2210.2	2269.7
-42.5°	1487.9	1543.4	1598.8	1662.2	1725.2	1783.9	1839.4	1886.8	1930.0	1972.4	2005.4
-45°	1420.9	1470.3	1518.5	1567.7	1613.9	1665.4	1712.1	1747.9	1774.3	1797.2	1815.5
-47.5°	1354.3	1400.2	1443.8	1485.5	1525.6	1565.6	1602.4	1627.0	1645.2	1658.6	1668.2
-50°	1290.3	1332.6	1372.9	1408.8	1444.2	1477.9	1509.0	1527.0	1539.6	1547.4	1549.9
-52.5°	1229.0	1268.1	1305.4	1338.9	1369.3	1397.5	1421.9	1434.9	1445.4	1452.9	1455.3
-55°	1166.6	1203.1	1238.0	1268.2	1296.4	1322.5	1342.1	1351.5	1358.5	1363.0	1365.7
-57.5°	1097.0	1133.5	1168.4	1194.7	1220.6	1246.1	1263.6	1273.3	1279.8	1283.4	1286.3
-60°	1017.0	1051.4	1080.1	1106.6	1133.8	1161.0	1172.2	1181.0	1189.3	1197.1	1204.2
-62.5°	926.7	957.2	980.6	1002.6	1024.8	1045.7	1057.9	1067.3	1073.9	1079.8	1086.8
-65°	827.6	854.4	874.7	891.4	905.0	919.6	933.0	942.9	949.5	955.6	961.7
-67.5°	722.1	748.5	768.3	784.0	796.9	808.2	818.6	826.3	831.4	836.5	842.0
-70°	618.5	643.2	664.3	682.4	696.7	707.4	715.7	722.5	727.7	731.2	733.1
-72.5°	518.5	539.1	558.3	576.3	592.2	603.3	611.1	617.4	622.2	625.7	627.5
-75°	423.4	441.6	457.7	472.7	486.4	496.1	502.8	507.8	511.1	514.7	517.5
-77.5°	329.3	343.7	357.0	369.5	380.9	390.0	397.3	403.2	407.8	410.7	412.6
-80°	241.8	253.6	264.5	274.3	283.0	289.2	294.8	300.0	304.8	307.0	308.0
-82.5°	166.5	174.0	181.6	189.1	196.4	199.1	201.0	202.4	203.2	206.0	208.5
-85°	96.9	101.1	104.9	108.5	111.8	112.6	112.9	112.7	112.1	113.6	114.8
-87.5°	34.9	35.9	36.9	37.8	38.6	39.4	40.0	40.6	41.1	41.6	42.0
-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: P628005 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	42.2	42.4	42.6	42.6	42.6	42.4	42.2	42.0	41.6	41.1	40.6
85°	115.8	116.5	117.0	117.1	117.0	116.5	115.8	114.8	113.6	112.1	112.7
82.5°	210.4	211.8	212.6	212.9	212.6	211.8	210.4	208.5	206.0	203.2	202.4
80°	308.2	307.4	308.4	308.8	308.4	307.4	308.2	308.0	307.0	304.8	300.0
77.5°	413.4	413.3	414.7	415.2	414.7	413.3	413.4	412.6	410.7	407.8	403.2
75°	519.1	519.4	521.1	521.7	521.1	519.4	519.1	517.5	514.7	511.1	507.8
72.5°	627.5	625.8	627.5	628.2	627.5	625.8	627.5	627.5	625.7	622.2	617.4
70°	733.3	731.9	738.7	745.3	738.7	731.9	733.3	733.1	731.2	727.7	722.5
67.5°	845.9	848.0	855.6	862.4	855.6	848.0	845.9	842.0	836.5	831.4	826.3
65°	964.8	965.2	972.5	979.5	972.5	965.2	964.8	961.7	955.6	949.5	942.9
62.5°	1090.9	1092.2	1099.8	1107.3	1099.8	1092.2	1090.9	1086.8	1079.8	1073.9	1067.3
60°	1208.3	1209.5	1212.4	1213.8	1212.4	1209.5	1208.3	1204.2	1197.1	1189.3	1181.0
57.5°	1287.3	1286.1	1287.3	1288.3	1287.3	1286.1	1287.3	1286.3	1283.4	1279.8	1273.3
55°	1365.2	1361.7	1357.6	1352.2	1357.6	1361.7	1365.2	1365.7	1363.0	1358.5	1351.5
52.5°	1453.3	1447.7	1442.6	1437.3	1442.6	1447.7	1453.3	1455.3	1452.9	1445.4	1434.9
50°	1548.3	1543.3	1538.4	1533.2	1538.4	1543.3	1548.3	1549.9	1547.4	1539.6	1527.0
47.5°	1674.8	1677.0	1676.0	1671.6	1676.0	1677.0	1674.8	1668.2	1658.6	1645.2	1627.0
45°	1828.5	1834.6	1835.3	1831.3	1835.3	1834.6	1828.5	1815.5	1797.2	1774.3	1747.9
42.5°	2028.8	2042.3	2049.8	2054.9	2049.8	2042.3	2028.8	2005.4	1972.4	1930.0	1886.8
40°	2312.9	2340.4	2357.9	2374.3	2357.9	2340.4	2312.9	2269.7	2210.2	2138.4	2071.9
37.5°	2720.4	2770.3	2792.6	2778.9	2792.6	2770.3	2720.4	2645.6	2544.6	2418.7	2322.0
35°	3365.2	3460.1	3509.5	3513.5	3509.5	3460.1	3365.2	3223.1	3038.5	2838.5	2681.1
32.5°	4488.4	4682.7	4787.1	4801.8	4787.1	4682.7	4488.4	4208.3	3829.3	3482.3	3213.3
30°	6648.5	7044.8	7231.0	7186.7	7231.0	7044.8	6648.5	6035.1	5233.8	4638.6	4063.2
27.5°	10847.2	11835.4	12421.0	12467.7	12421.0	11835.4	10847.2	9473.8	7707.0	6715.0	5461.9
25°	17433.9	19121.0	20201.3	20218.7	20201.3	19121.0	17433.9	15163.8	12600.7	10370.4	7863.0
22.5°	25867.1	28169.9	29431.7	29652.0	29431.7	28169.9	25867.1	22766.5	19413.4	15744.8	12027.8
20°	35637.2	38700.7	40339.7	40341.6	40339.7	38700.7	35637.2	31523.9	27287.0	22259.3	17324.7
17.5°	47669.6	52643.9	55766.6	57110.7	55766.6	52643.9	47669.6	41683.7	36111.1	29695.6	23248.7
15°	63654.7	72013.9	77023.0	77925.6	77023.0	72013.9	63654.7	54965.6	45941.8	37615.8	29508.7
12.5°	83118.4	93697.2	100808.4	103414.6	100808.4	93697.2	83118.4	70915.7	56847.8	45792.9	35893.1
10°	103440.3	113242.2	120860.4	123420.4	120860.4	113242.2	103440.3	87962.0	70992.6	54380.0	41539.1
7.5°	118121.2	129809.5	138390.8	142159.2	138390.8	129809.5	118121.2	102745.0	83356.4	63574.6	47554.4
5°	129710.4	143540.5	151528.7	155074.0	151528.7	143540.5	129710.4	113273.8	93476.8	71324.6	51988.8
2.5°	137314.3	150979.7	159438.9	162708.0	159438.9	150979.7	137314.3	119963.0	99919.2	76074.6	54807.0
0°	140157.6	153519.6	161877.5	165870.1	161877.5	153519.6	140157.6	121631.7	101668.5	77201.6	55747.9
-2.5°	137314.3	150979.7	159438.9	162708.0	159438.9	150979.7	137314.3	119963.0	99919.2	76074.6	54807.0
-5°	129710.4	143540.5	151528.7	155074.0	151528.7	143540.5	129710.4	113273.8	93476.8	71324.6	51988.8
-7.5°	118121.2	129809.5	138390.8	142159.2	138390.8	129809.5	118121.2	102745.0	83356.4	63574.6	47554.4
-10°	103440.3	113242.2	120860.4	123420.4	120860.4	113242.2	103440.3	87962.0	70992.6	54380.0	41539.1
-12.5°	83118.4	93697.2	100808.4	103414.6	100808.4	93697.2	83118.4	70915.7	56847.8	45792.9	35893.1
-15°	63654.7	72013.9	77023.0	77925.6	77023.0	72013.9	63654.7	54965.6	45941.8	37615.8	29508.7
-17.5°	47669.6	52643.9	55766.6	57110.7	55766.6	52643.9	47669.6	41683.7	36111.1	29695.6	23248.7
-20°	35637.2	38700.7	40339.7	40341.6	40339.7	38700.7	35637.2	31523.9	27287.0	22259.3	17324.7



REPORT NUMBER: P628005 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	25867.1	28169.9	29431.7	29652.0	29431.7	28169.9	25867.1	22766.5	19413.4	15744.8	12027.8
-25°	17433.9	19121.0	20201.3	20218.7	20201.3	19121.0	17433.9	15163.8	12600.7	10370.4	7863.0
-27.5°	10847.2	11835.4	12421.0	12467.7	12421.0	11835.4	10847.2	9473.8	7707.0	6715.0	5461.9
-30°	6648.5	7044.8	7231.0	7186.7	7231.0	7044.8	6648.5	6035.1	5233.8	4638.6	4063.2
-32.5°	4488.4	4682.7	4787.1	4801.8	4787.1	4682.7	4488.4	4208.3	3829.3	3482.3	3213.3
-35°	3365.2	3460.1	3509.5	3513.5	3509.5	3460.1	3365.2	3223.1	3038.5	2838.5	2681.1
-37.5°	2720.4	2770.3	2792.6	2778.9	2792.6	2770.3	2720.4	2645.6	2544.6	2418.7	2322.0
-40°	2312.9	2340.4	2357.9	2374.3	2357.9	2340.4	2312.9	2269.7	2210.2	2138.4	2071.9
-42.5°	2028.8	2042.3	2049.8	2054.9	2049.8	2042.3	2028.8	2005.4	1972.4	1930.0	1886.8
-45°	1828.5	1834.6	1835.3	1831.3	1835.3	1834.6	1828.5	1815.5	1797.2	1774.3	1747.9
-47.5°	1674.8	1677.0	1676.0	1671.6	1676.0	1677.0	1674.8	1668.2	1658.6	1645.2	1627.0
-50°	1548.3	1543.3	1538.4	1533.2	1538.4	1543.3	1548.3	1549.9	1547.4	1539.6	1527.0
-52.5°	1453.3	1447.7	1442.6	1437.3	1442.6	1447.7	1453.3	1455.3	1452.9	1445.4	1434.9
-55°	1365.2	1361.7	1357.6	1352.2	1357.6	1361.7	1365.2	1365.7	1363.0	1358.5	1351.5
-57.5°	1287.3	1286.1	1287.3	1288.3	1287.3	1286.1	1287.3	1286.3	1283.4	1279.8	1273.3
-60°	1208.3	1209.5	1212.4	1213.8	1212.4	1209.5	1208.3	1204.2	1197.1	1189.3	1181.0
-62.5°	1090.9	1092.2	1099.8	1107.3	1099.8	1092.2	1090.9	1086.8	1079.8	1073.9	1067.3
-65°	964.8	965.2	972.5	979.5	972.5	965.2	964.8	961.7	955.6	949.5	942.9
-67.5°	845.9	848.0	855.6	862.4	855.6	848.0	845.9	842.0	836.5	831.4	826.3
-70°	733.3	731.9	738.7	745.3	738.7	731.9	733.3	733.1	731.2	727.7	722.5
-72.5°	627.5	625.8	627.5	628.2	627.5	625.8	627.5	627.5	625.7	622.2	617.4
-75°	519.1	519.4	521.1	521.7	521.1	519.4	519.1	517.5	514.7	511.1	507.8
-77.5°	413.4	413.3	414.7	415.2	414.7	413.3	413.4	412.6	410.7	407.8	403.2
-80°	308.2	307.4	308.4	308.8	308.4	307.4	308.2	308.0	307.0	304.8	300.0
-82.5°	210.4	211.8	212.6	212.9	212.6	211.8	210.4	208.5	206.0	203.2	202.4
-85°	115.8	116.5	117.0	117.1	117.0	116.5	115.8	114.8	113.6	112.1	112.7
-87.5°	42.2	42.4	42.6	42.6	42.6	42.4	42.2	42.0	41.6	41.1	40.6
-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: P628005 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	40.0	39.4	38.6	37.8	36.9	35.9	34.9	33.8	32.6	31.4	30.1
85°	112.9	112.6	111.8	108.5	104.9	101.1	96.9	92.5	87.9	83.0	77.8
82.5°	201.0	199.1	196.4	189.1	181.6	174.0	166.5	159.9	152.9	145.6	137.9
80°	294.8	289.2	283.0	274.3	264.5	253.6	241.8	230.7	219.0	208.0	197.7
77.5°	397.3	390.0	380.9	369.5	357.0	343.7	329.3	314.6	300.0	284.6	268.4
75°	502.8	496.1	486.4	472.7	457.7	441.6	423.4	403.3	383.0	362.7	342.9
72.5°	611.1	603.3	592.2	576.3	558.3	539.1	518.5	495.5	470.3	442.8	417.7
70°	715.7	707.4	696.7	682.4	664.3	643.2	618.5	591.6	563.3	533.6	503.0
67.5°	818.6	808.2	796.9	784.0	768.3	748.5	722.1	691.0	658.2	624.6	589.4
65°	933.0	919.6	905.0	891.4	874.7	854.4	827.6	797.6	761.7	720.3	675.7
62.5°	1057.9	1045.7	1024.8	1002.6	980.6	957.2	926.7	894.1	861.1	822.8	769.7
60°	1172.2	1161.0	1133.8	1106.6	1080.1	1051.4	1017.0	982.3	947.5	905.7	857.2
57.5°	1263.6	1246.1	1220.6	1194.7	1168.4	1133.5	1097.0	1062.5	1024.5	984.1	938.9
55°	1342.1	1322.5	1296.4	1268.2	1238.0	1203.1	1166.6	1127.8	1091.4	1058.1	1011.8
52.5°	1421.9	1397.5	1369.3	1338.9	1305.4	1268.1	1229.0	1188.2	1152.7	1118.2	1079.4
50°	1509.0	1477.9	1444.2	1408.8	1372.9	1332.6	1290.3	1247.0	1212.9	1176.9	1137.9
47.5°	1602.4	1565.6	1525.6	1485.5	1443.8	1400.2	1354.3	1307.8	1270.2	1233.3	1192.8
45°	1712.1	1665.4	1613.9	1567.7	1518.5	1470.3	1420.9	1372.7	1325.6	1284.0	1245.1
42.5°	1839.4	1783.9	1725.2	1662.2	1598.8	1543.4	1487.9	1436.0	1383.5	1333.5	1288.7
40°	1999.4	1918.5	1850.2	1772.4	1697.4	1621.6	1560.8	1498.4	1441.1	1384.5	1332.8
37.5°	2210.6	2097.5	1999.4	1898.3	1808.4	1718.6	1640.5	1569.6	1498.4	1437.5	1379.5
35°	2495.5	2337.2	2183.3	2052.9	1932.2	1826.3	1727.3	1644.0	1565.5	1491.1	1426.1
32.5°	2898.7	2666.9	2419.8	2243.8	2077.8	1940.4	1824.0	1720.4	1630.6	1548.7	1474.3
30°	3531.3	3122.4	2771.7	2474.0	2259.7	2072.7	1922.3	1800.7	1695.3	1604.2	1521.5
27.5°	4562.4	3729.4	3243.9	2798.6	2467.6	2234.1	2038.9	1880.3	1758.2	1658.4	1568.0
25°	6234.7	4828.5	3846.0	3230.7	2751.0	2406.1	2164.4	1975.7	1826.0	1707.4	1601.0
22.5°	8684.1	6489.2	4798.9	3726.2	3098.0	2641.3	2313.1	2069.6	1886.8	1749.4	1633.7
20°	12546.8	8630.8	6186.7	4528.8	3505.6	2867.0	2470.5	2179.8	1961.2	1794.6	1662.6
17.5°	17173.4	11942.9	7758.3	5392.9	4034.0	3192.8	2654.4	2285.6	2026.9	1835.4	1687.1
15°	21835.8	15407.2	10173.0	6645.7	4610.4	3477.6	2812.4	2377.0	2091.2	1880.2	1717.7
12.5°	26984.5	19118.8	12315.5	7681.5	5204.3	3820.9	3013.9	2500.2	2161.4	1924.9	1747.2
10°	31432.0	22585.8	14891.0	9341.2	5985.4	4180.9	3198.9	2605.7	2220.0	1961.0	1770.3
7.5°	35436.6	25547.6	17050.8	10636.2	6591.2	4466.3	3347.0	2689.8	2264.1	1987.5	1786.6
5°	38278.5	27811.1	18788.1	11614.7	7024.6	4664.2	3450.1	2749.3	2293.2	2004.1	1796.1
2.5°	40051.5	29173.2	19921.3	12195.7	7236.7	4772.4	3514.8	2783.1	2317.6	2022.5	1801.3
0°	40213.8	29077.0	20080.3	12478.3	7101.6	4791.2	3545.5	2789.5	2331.7	2033.6	1799.3
-2.5°	40051.5	29173.2	19921.3	12195.7	7236.7	4772.4	3514.8	2783.1	2317.6	2022.5	1801.3
-5°	38278.5	27811.1	18788.1	11614.7	7024.6	4664.2	3450.1	2749.3	2293.2	2004.1	1796.1
-7.5°	35436.6	25547.6	17050.8	10636.2	6591.2	4466.3	3347.0	2689.8	2264.1	1987.5	1786.6
-10°	31432.0	22585.8	14891.0	9341.2	5985.4	4180.9	3198.9	2605.7	2220.0	1961.0	1770.3
-12.5°	26984.5	19118.8	12315.5	7681.5	5204.3	3820.9	3013.9	2500.2	2161.4	1924.9	1747.2
-15°	21835.8	15407.2	10173.0	6645.7	4610.4	3477.6	2812.4	2377.0	2091.2	1880.2	1717.7
-17.5°	17173.4	11942.9	7758.3	5392.9	4034.0	3192.8	2654.4	2285.6	2026.9	1835.4	1687.1
-20°	12546.8	8630.8	6186.7	4528.8	3505.6	2867.0	2470.5	2179.8	1961.2	1794.6	1662.6



REPORT NUMBER: P628005 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8684.1	6489.2	4798.9	3726.2	3098.0	2641.3	2313.1	2069.6	1886.8	1749.4	1633.7
-25°	6234.7	4828.5	3846.0	3230.7	2751.0	2406.1	2164.4	1975.7	1826.0	1707.4	1601.0
-27.5°	4562.4	3729.4	3243.9	2798.6	2467.6	2234.1	2038.9	1880.3	1758.2	1658.4	1568.0
-30°	3531.3	3122.4	2771.7	2474.0	2259.7	2072.7	1922.3	1800.7	1695.3	1604.2	1521.5
-32.5°	2898.7	2666.9	2419.8	2243.8	2077.8	1940.4	1824.0	1720.4	1630.6	1548.7	1474.3
-35°	2495.5	2337.2	2183.3	2052.9	1932.2	1826.3	1727.3	1644.0	1565.5	1491.1	1426.1
-37.5°	2210.6	2097.5	1999.4	1898.3	1808.4	1718.6	1640.5	1569.6	1498.4	1437.5	1379.5
-40°	1999.4	1918.5	1850.2	1772.4	1697.4	1621.6	1560.8	1498.4	1441.1	1384.5	1332.8
-42.5°	1839.4	1783.9	1725.2	1662.2	1598.8	1543.4	1487.9	1436.0	1383.5	1333.5	1288.7
-45°	1712.1	1665.4	1613.9	1567.7	1518.5	1470.3	1420.9	1372.7	1325.6	1284.0	1245.1
-47.5°	1602.4	1565.6	1525.6	1485.5	1443.8	1400.2	1354.3	1307.8	1270.2	1233.3	1192.8
-50°	1509.0	1477.9	1444.2	1408.8	1372.9	1332.6	1290.3	1247.0	1212.9	1176.9	1137.9
-52.5°	1421.9	1397.5	1369.3	1338.9	1305.4	1268.1	1229.0	1188.2	1152.7	1118.2	1079.4
-55°	1342.1	1322.5	1296.4	1268.2	1238.0	1203.1	1166.6	1127.8	1091.4	1058.1	1011.8
-57.5°	1263.6	1246.1	1220.6	1194.7	1168.4	1133.5	1097.0	1062.5	1024.5	984.1	938.9
-60°	1172.2	1161.0	1133.8	1106.6	1080.1	1051.4	1017.0	982.3	947.5	905.7	857.2
-62.5°	1057.9	1045.7	1024.8	1002.6	980.6	957.2	926.7	894.1	861.1	822.8	769.7
-65°	933.0	919.6	905.0	891.4	874.7	854.4	827.6	797.6	761.7	720.3	675.7
-67.5°	818.6	808.2	796.9	784.0	768.3	748.5	722.1	691.0	658.2	624.6	589.4
-70°	715.7	707.4	696.7	682.4	664.3	643.2	618.5	591.6	563.3	533.6	503.0
-72.5°	611.1	603.3	592.2	576.3	558.3	539.1	518.5	495.5	470.3	442.8	417.7
-75°	502.8	496.1	486.4	472.7	457.7	441.6	423.4	403.3	383.0	362.7	342.9
-77.5°	397.3	390.0	380.9	369.5	357.0	343.7	329.3	314.6	300.0	284.6	268.4
-80°	294.8	289.2	283.0	274.3	264.5	253.6	241.8	230.7	219.0	208.0	197.7
-82.5°	201.0	199.1	196.4	189.1	181.6	174.0	166.5	159.9	152.9	145.6	137.9
-85°	112.9	112.6	111.8	108.5	104.9	101.1	96.9	92.5	87.9	83.0	77.8
-87.5°	40.0	39.4	38.6	37.8	36.9	35.9	34.9	33.8	32.6	31.4	30.1
-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: P628005 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	28.8	27.4	25.9	24.4	22.9	21.3	19.7	18.0	16.3	14.6	12.8
85°	72.4	66.8	61.1	55.1	48.9	42.6	39.3	36.0	32.6	29.1	25.6
82.5°	129.8	121.4	112.7	103.7	94.5	84.9	75.2	65.1	54.6	44.5	38.3
80°	186.9	175.8	164.2	152.3	140.3	127.1	114.1	100.6	85.7	71.4	57.8
77.5°	251.6	234.1	215.9	200.9	187.2	172.0	155.4	136.8	116.4	98.0	80.4
75°	322.5	301.4	279.6	258.1	237.6	216.8	197.9	176.0	150.6	124.8	102.7
72.5°	395.5	371.2	344.8	317.9	293.5	268.4	242.6	214.9	185.7	156.1	126.2
70°	472.8	442.7	413.2	382.7	351.4	319.8	290.0	256.7	220.5	187.1	153.3
67.5°	552.8	517.1	481.8	447.2	411.6	375.1	337.7	298.8	258.5	217.6	180.0
65°	634.9	592.6	549.5	510.9	471.1	430.3	388.5	341.1	295.9	250.9	206.3
62.5°	718.4	669.4	621.7	574.8	529.8	484.7	437.9	384.7	332.9	283.6	234.1
60°	802.6	746.2	692.4	640.1	588.5	538.2	485.4	427.1	370.5	315.5	262.1
57.5°	883.1	821.1	760.0	702.7	646.7	590.9	531.8	468.9	406.8	347.2	289.4
55°	961.4	897.9	826.2	761.2	701.5	642.2	576.7	510.1	442.3	378.0	316.0
52.5°	1030.4	967.3	892.9	818.5	751.7	689.6	619.5	550.0	478.2	407.5	341.7
50°	1092.9	1029.0	954.3	875.8	799.8	730.9	660.4	586.9	512.9	436.5	366.7
47.5°	1146.9	1085.7	1012.0	929.8	848.6	770.7	697.5	621.9	546.4	466.2	390.7
45°	1195.8	1140.1	1067.1	982.9	893.9	811.1	732.4	654.9	576.0	495.0	413.8
42.5°	1241.4	1187.4	1120.6	1034.7	939.9	850.0	765.8	685.3	603.9	522.2	436.8
40°	1282.7	1228.6	1170.6	1083.1	983.5	886.3	798.6	714.0	630.0	547.1	459.2
37.5°	1323.6	1267.6	1207.5	1128.3	1024.3	923.4	829.2	741.2	655.1	569.4	480.2
35°	1365.5	1305.6	1239.9	1163.9	1063.4	957.5	857.4	766.7	678.7	590.3	499.7
32.5°	1405.8	1339.6	1269.6	1193.9	1099.7	988.6	884.8	791.5	700.9	609.8	517.8
30°	1445.3	1367.7	1296.0	1224.6	1131.5	1019.1	911.7	814.5	721.4	628.0	534.2
27.5°	1475.3	1392.1	1319.1	1248.7	1158.1	1047.2	937.8	835.7	740.3	644.7	548.7
25°	1502.4	1415.5	1339.0	1267.8	1184.4	1076.2	961.8	855.2	757.6	659.9	561.9
22.5°	1529.4	1435.9	1355.7	1284.0	1209.2	1102.5	984.4	874.6	773.2	673.6	573.8
20°	1552.7	1452.2	1369.4	1299.0	1225.8	1122.9	1005.6	891.9	787.0	685.7	584.4
17.5°	1572.6	1469.0	1383.8	1311.2	1237.2	1140.1	1024.2	906.9	799.0	696.3	593.5
15°	1593.0	1486.3	1396.1	1320.7	1247.1	1154.2	1040.0	919.7	809.1	705.2	602.0
12.5°	1610.4	1499.2	1405.6	1327.4	1255.4	1165.3	1053.0	930.2	817.4	713.6	610.0
10°	1624.0	1507.7	1412.3	1331.7	1261.9	1173.3	1063.2	940.0	827.4	721.1	616.5
7.5°	1633.6	1511.9	1416.2	1333.4	1266.5	1180.5	1073.2	950.7	836.2	727.0	621.6
5°	1640.0	1513.8	1418.7	1337.4	1269.2	1187.1	1080.4	959.2	843.3	731.2	625.3
2.5°	1647.6	1514.6	1418.8	1340.4	1269.3	1191.2	1084.6	965.2	848.5	733.8	627.5
0°	1650.3	1511.9	1416.1	1341.5	1267.0	1192.5	1086.0	968.9	851.8	734.6	628.2
-2.5°	1647.6	1514.6	1418.8	1340.4	1269.3	1191.2	1084.6	965.2	848.5	733.8	627.5
-5°	1640.0	1513.8	1418.7	1337.4	1269.2	1187.1	1080.4	959.2	843.3	731.2	625.3
-7.5°	1633.6	1511.9	1416.2	1333.4	1266.5	1180.5	1073.2	950.7	836.2	727.0	621.6
-10°	1624.0	1507.7	1412.3	1331.7	1261.9	1173.3	1063.2	940.0	827.4	721.1	616.5
-12.5°	1610.4	1499.2	1405.6	1327.4	1255.4	1165.3	1053.0	930.2	817.4	713.6	610.0
-15°	1593.0	1486.3	1396.1	1320.7	1247.1	1154.2	1040.0	919.7	809.1	705.2	602.0
-17.5°	1572.6	1469.0	1383.8	1311.2	1237.2	1140.1	1024.2	906.9	799.0	696.3	593.5
-20°	1552.7	1452.2	1369.4	1299.0	1225.8	1122.9	1005.6	891.9	787.0	685.7	584.4

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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P628005 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1529.4	1435.9	1355.7	1284.0	1209.2	1102.5	984.4	874.6	773.2	673.6	573.8
-25°	1502.4	1415.5	1339.0	1267.8	1184.4	1076.2	961.8	855.2	757.6	659.9	561.9
-27.5°	1475.3	1392.1	1319.1	1248.7	1158.1	1047.2	937.8	835.7	740.3	644.7	548.7
-30°	1445.3	1367.7	1296.0	1224.6	1131.5	1019.1	911.7	814.5	721.4	628.0	534.2
-32.5°	1405.8	1339.6	1269.6	1193.9	1099.7	988.6	884.8	791.5	700.9	609.8	517.8
-35°	1365.5	1305.6	1239.9	1163.9	1063.4	957.5	857.4	766.7	678.7	590.3	499.7
-37.5°	1323.6	1267.6	1207.5	1128.3	1024.3	923.4	829.2	741.2	655.1	569.4	480.2
-40°	1282.7	1228.6	1170.6	1083.1	983.5	886.3	798.6	714.0	630.0	547.1	459.2
-42.5°	1241.4	1187.4	1120.6	1034.7	939.9	850.0	765.8	685.3	603.9	522.2	436.8
-45°	1195.8	1140.1	1067.1	982.9	893.9	811.1	732.4	654.9	576.0	495.0	413.8
-47.5°	1146.9	1085.7	1012.0	929.8	848.6	770.7	697.5	621.9	546.4	466.2	390.7
-50°	1092.9	1029.0	954.3	875.8	799.8	730.9	660.4	586.9	512.9	436.5	366.7
-52.5°	1030.4	967.3	892.9	818.5	751.7	689.6	619.5	550.0	478.2	407.5	341.7
-55°	961.4	897.9	826.2	761.2	701.5	642.2	576.7	510.1	442.3	378.0	316.0
-57.5°	883.1	821.1	760.0	702.7	646.7	590.9	531.8	468.9	406.8	347.2	289.4
-60°	802.6	746.2	692.4	640.1	588.5	538.2	485.4	427.1	370.5	315.5	262.1
-62.5°	718.4	669.4	621.7	574.8	529.8	484.7	437.9	384.7	332.9	283.6	234.1
-65°	634.9	592.6	549.5	510.9	471.1	430.3	388.5	341.1	295.9	250.9	206.3
-67.5°	552.8	517.1	481.8	447.2	411.6	375.1	337.7	298.8	258.5	217.6	180.0
-70°	472.8	442.7	413.2	382.7	351.4	319.8	290.0	256.7	220.5	187.1	153.3
-72.5°	395.5	371.2	344.8	317.9	293.5	268.4	242.6	214.9	185.7	156.1	126.2
-75°	322.5	301.4	279.6	258.1	237.6	216.8	197.9	176.0	150.6	124.8	102.7
-77.5°	251.6	234.1	215.9	200.9	187.2	172.0	155.4	136.8	116.4	98.0	80.4
-80°	186.9	175.8	164.2	152.3	140.3	127.1	114.1	100.6	85.7	71.4	57.8
-82.5°	129.8	121.4	112.7	103.7	94.5	84.9	75.2	65.1	54.6	44.5	38.3
-85°	72.4	66.8	61.1	55.1	48.9	42.6	39.3	36.0	32.6	29.1	25.6
-87.5°	28.8	27.4	25.9	24.4	22.9	21.3	19.7	18.0	16.3	14.6	12.8
-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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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P628005 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.0	9.2	7.4	5.6	3.7	1.9	0.0
85°	22.0	18.4	14.8	11.1	7.4	3.7	0.0
82.5°	33.0	27.6	22.1	16.6	11.1	5.6	0.0
80°	44.9	36.7	29.4	22.1	14.8	7.4	0.0
77.5°	63.8	48.1	36.7	27.6	18.4	9.2	0.0
75°	82.6	63.8	44.9	33.0	22.0	11.0	0.0
72.5°	101.1	79.3	57.3	38.3	25.6	12.8	0.0
70°	120.1	94.6	69.6	44.3	29.1	14.6	0.0
67.5°	143.3	109.7	81.6	53.4	32.6	16.3	0.0
65°	166.1	126.6	93.5	62.3	36.0	18.0	0.0
62.5°	188.5	145.3	105.2	71.1	39.3	19.7	0.0
60°	210.4	163.6	116.5	79.6	42.6	21.3	0.0
57.5°	233.5	181.4	130.6	87.9	48.1	22.9	0.0
55°	255.9	198.8	144.5	96.0	53.5	24.4	0.0
52.5°	277.6	215.8	158.0	103.9	58.7	25.9	0.0
50°	298.4	233.0	171.1	111.5	63.8	27.4	0.0
47.5°	318.3	249.4	183.7	119.4	68.7	28.8	0.0
45°	338.1	265.1	195.8	128.4	73.4	30.1	0.0
42.5°	357.0	279.9	207.4	137.1	77.9	31.4	0.0
40°	375.0	294.0	218.5	145.3	82.2	32.6	0.0
37.5°	392.0	307.2	229.2	152.9	86.3	33.8	0.0
35°	408.1	320.2	239.1	160.0	90.1	34.9	0.0
32.5°	423.4	332.7	248.4	166.6	93.7	35.9	0.0
30°	437.8	344.4	257.0	172.7	97.1	36.9	0.0
27.5°	451.0	355.2	264.8	178.1	100.2	37.8	0.0
25°	462.8	365.0	271.9	183.1	103.1	38.6	0.0
22.5°	473.4	373.9	278.6	187.5	105.7	39.4	0.0
20°	482.8	381.7	284.7	191.3	108.1	40.0	0.0
17.5°	491.2	388.3	290.1	194.5	110.2	40.6	0.0
15°	499.0	393.8	294.9	197.3	112.0	41.1	0.0
12.5°	505.7	398.2	299.0	199.4	113.6	41.6	0.0
10°	511.3	401.5	302.5	201.0	114.8	42.0	0.0
7.5°	515.8	403.8	305.2	202.1	115.8	42.2	0.0
5°	519.0	405.0	307.2	202.7	116.5	42.4	0.0
2.5°	521.0	405.3	308.4	202.8	117.0	42.6	0.0
0°	521.7	404.6	308.8	202.3	117.1	42.6	0.0
-2.5°	521.0	405.3	308.4	202.8	117.0	42.6	0.0
-5°	519.0	405.0	307.2	202.7	116.5	42.4	0.0
-7.5°	515.8	403.8	305.2	202.1	115.8	42.2	0.0
-10°	511.3	401.5	302.5	201.0	114.8	42.0	0.0
-12.5°	505.7	398.2	299.0	199.4	113.6	41.6	0.0
-15°	499.0	393.8	294.9	197.3	112.0	41.1	0.0
-17.5°	491.2	388.3	290.1	194.5	110.2	40.6	0.0
-20°	482.8	381.7	284.7	191.3	108.1	40.0	0.0

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Scaled Data Report



REPORT NUMBER: P628005 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	473.4	373.9	278.6	187.5	105.7	39.4	0.0
-25°	462.8	365.0	271.9	183.1	103.1	38.6	0.0
-27.5°	451.0	355.2	264.8	178.1	100.2	37.8	0.0
-30°	437.8	344.4	257.0	172.7	97.1	36.9	0.0
-32.5°	423.4	332.7	248.4	166.6	93.7	35.9	0.0
-35°	408.1	320.2	239.1	160.0	90.1	34.9	0.0
-37.5°	392.0	307.2	229.2	152.9	86.3	33.8	0.0
-40°	375.0	294.0	218.5	145.3	82.2	32.6	0.0
-42.5°	357.0	279.9	207.4	137.1	77.9	31.4	0.0
-45°	338.1	265.1	195.8	128.4	73.4	30.1	0.0
-47.5°	318.3	249.4	183.7	119.4	68.7	28.8	0.0
-50°	298.4	233.0	171.1	111.5	63.8	27.4	0.0
-52.5°	277.6	215.8	158.0	103.9	58.7	25.9	0.0
-55°	255.9	198.8	144.5	96.0	53.5	24.4	0.0
-57.5°	233.5	181.4	130.6	87.9	48.1	22.9	0.0
-60°	210.4	163.6	116.5	79.6	42.6	21.3	0.0
-62.5°	188.5	145.3	105.2	71.1	39.3	19.7	0.0
-65°	166.1	126.6	93.5	62.3	36.0	18.0	0.0
-67.5°	143.3	109.7	81.6	53.4	32.6	16.3	0.0
-70°	120.1	94.6	69.6	44.3	29.1	14.6	0.0
-72.5°	101.1	79.3	57.3	38.3	25.6	12.8	0.0
-75°	82.6	63.8	44.9	33.0	22.0	11.0	0.0
-77.5°	63.8	48.1	36.7	27.6	18.4	9.2	0.0
-80°	44.9	36.7	29.4	22.1	14.8	7.4	0.0
-82.5°	33.0	27.6	22.1	16.6	11.1	5.6	0.0
-85°	22.0	18.4	14.8	11.1	7.4	3.7	0.0
-87.5°	11.0	9.2	7.4	5.6	3.7	1.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)