

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: P628020 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-750-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P628020 (CONVERTED FROM TYPE C PHOTOMETRY)
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
 Test Lab: COOPER LIGHTING SOLUTIONS
 Issue Date: 12/7/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: MCGRAW-EDISON
 Catalog Number: GFLD-SA6E-750-U-VWR-VSR-XX
 Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
 Light Source: (96) 5000K CCT, 70 CRI LEDS
 Ballast/Driver: -

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	38929.5 lumens	Max Intensity:	29170.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	103.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	22523.3 lumens	Field Lumens:	36941.6 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
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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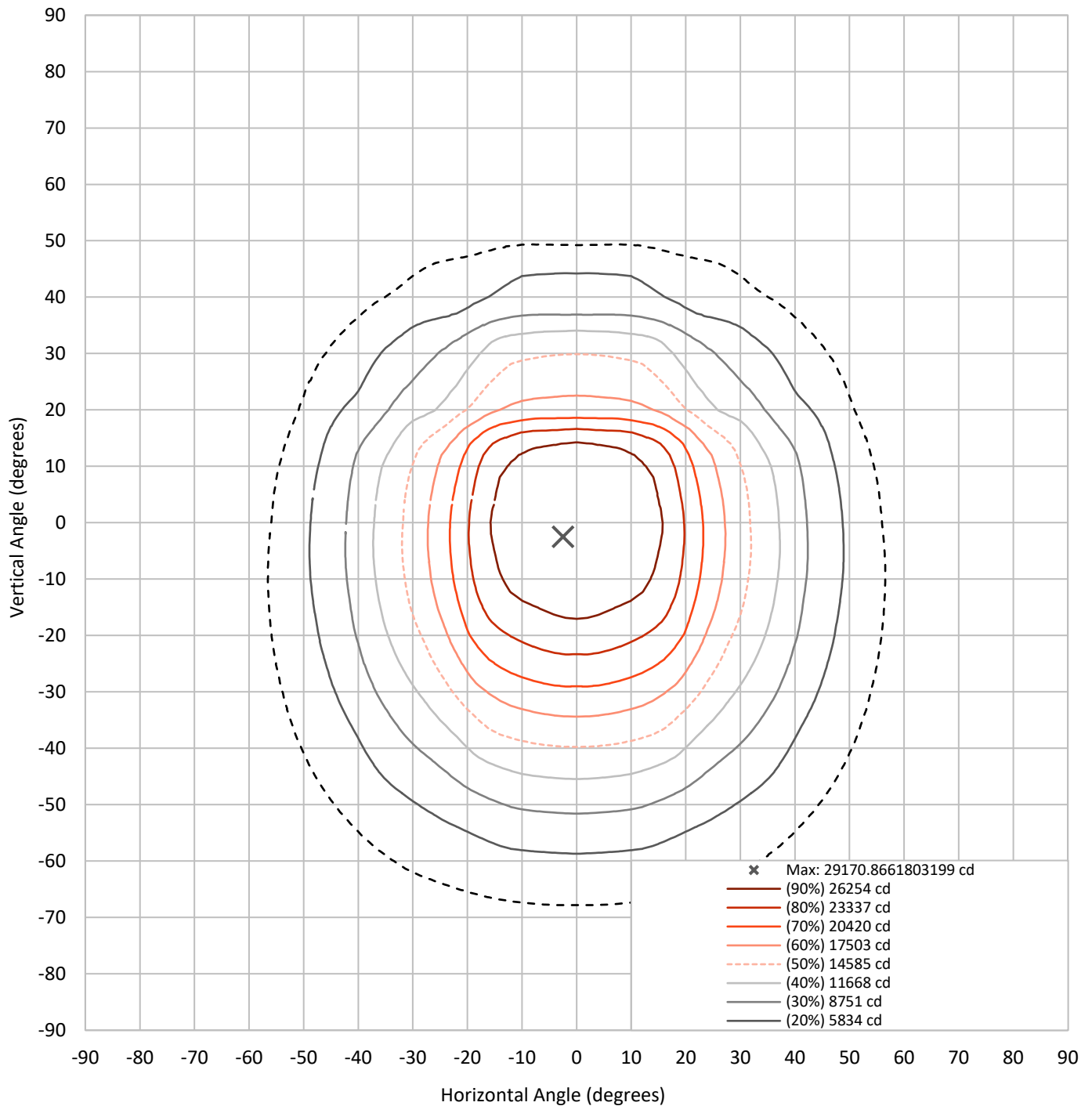
Scaled Data Report



REPORT NUMBER: P628020 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-VWR-VSR-XX

Iso-Candela Plot





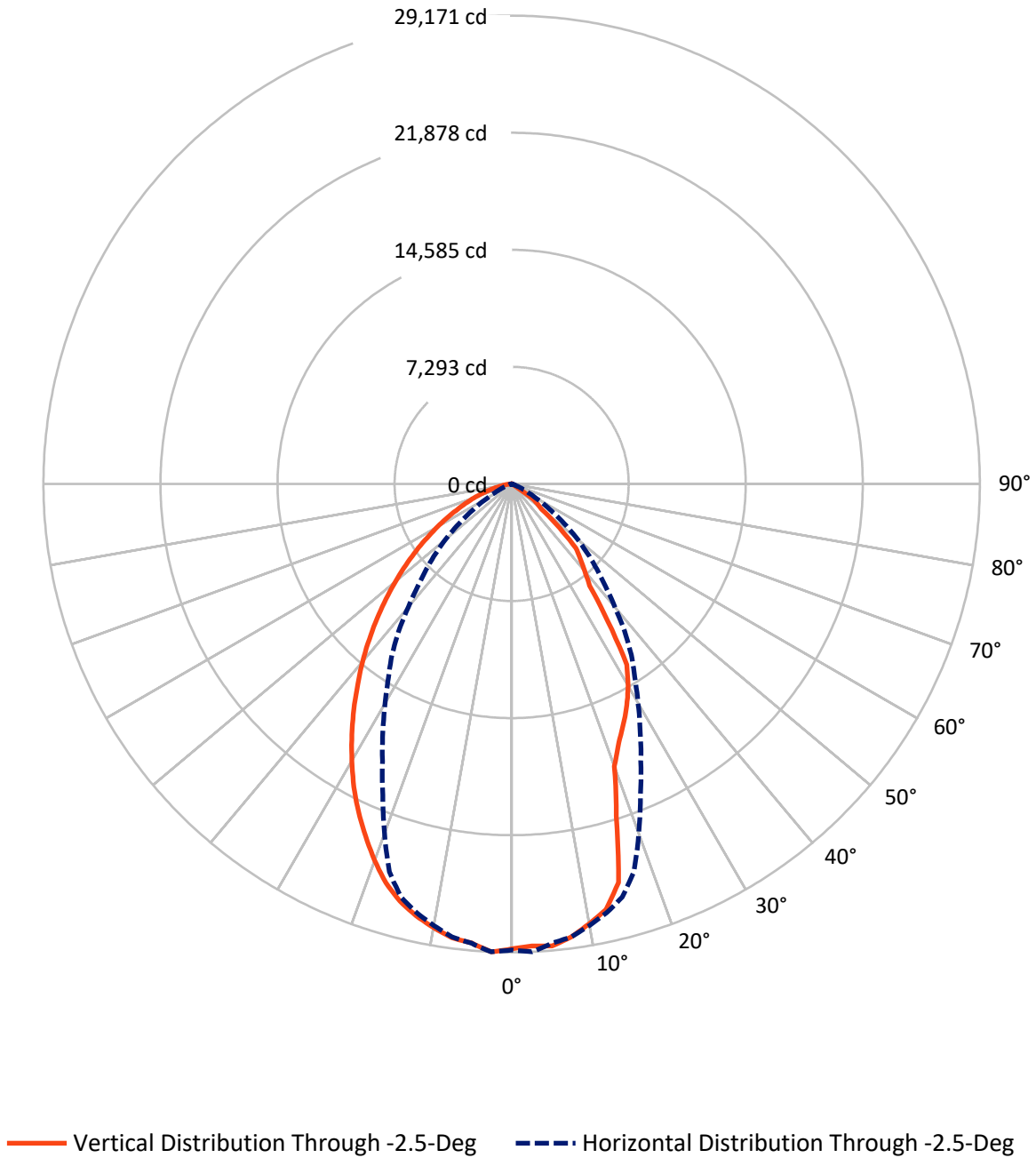
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Lumen Table

90																			
80	0.2	0.2	0.2	0.4	0.5	0.4	0.2	0.2	0.2										
70																			
60	0.3	0.1	0.2	0.3	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.3	0.2	0.1	0.3				
50		0.3	0.8	3.6	10.6	20.5	30.3	37.8	37.8	30.3	20.5	10.6	3.6	0.8		0.3			
40	0.6	0.7	4.3	19.9	48.3	86.9	128.3	157.1	157.1	128.3	86.9	48.3	19.9	4.3	0.6				
30		1.9	14.5	50.6	112.8	182.9	274.2	320.6	320.6	274.2	182.9	112.8	50.6	14.5		1.9			
20	1.2	4.3	28.0	89.6	181.8	288.2	432.3	496.9	496.9	432.3	288.2	181.8	89.6	28.0	1.2				
10		7.4	43.0	132.6	261.9	431.0	641.7	735.9	735.9	641.7	431.0	261.9	132.6	43.0		7.4			
0	2.0	10.1	55.7	157.5	313.2	515.0	757.7	859.8	859.8	757.7	515.0	313.2	157.5	55.7	2.0				
-10		12.0	61.5	163.5	321.6	526.9	763.3	863.0	863.0	763.3	526.9	321.6	163.5	61.5		12.0			
-20	2.5	12.5	60.1	154.8	303.3	493.3	708.4	800.4	800.4	708.4	493.3	303.3	154.8	60.1	2.5				
-30		11.4	52.6	135.0	262.0	419.4	593.9	672.6	672.6	593.9	419.4	262.0	135.0	52.6		11.4			
-40	2.5	9.5	41.9	106.2	206.1	323.5	453.6	513.5	513.5	453.6	323.5	206.1	106.2	41.9	2.5				
-50		7.7	31.0	75.7	147.6	227.5	313.9	356.3	356.3	313.9	227.5	147.6	75.7	31.0		7.7			
-60	1.9	5.7	20.3	48.6	91.8	141.2	191.9	218.8	218.8	191.9	141.2	91.8	48.6	20.3	1.9				
-70		4.0	12.3	28.4	50.4	74.9	99.1	112.3	112.3	99.1	74.9	50.4	28.4	12.3		4.0			
-80	0.7	9.1	42.0	91.5	102.2	91.5	42.0	9.1	0.7										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

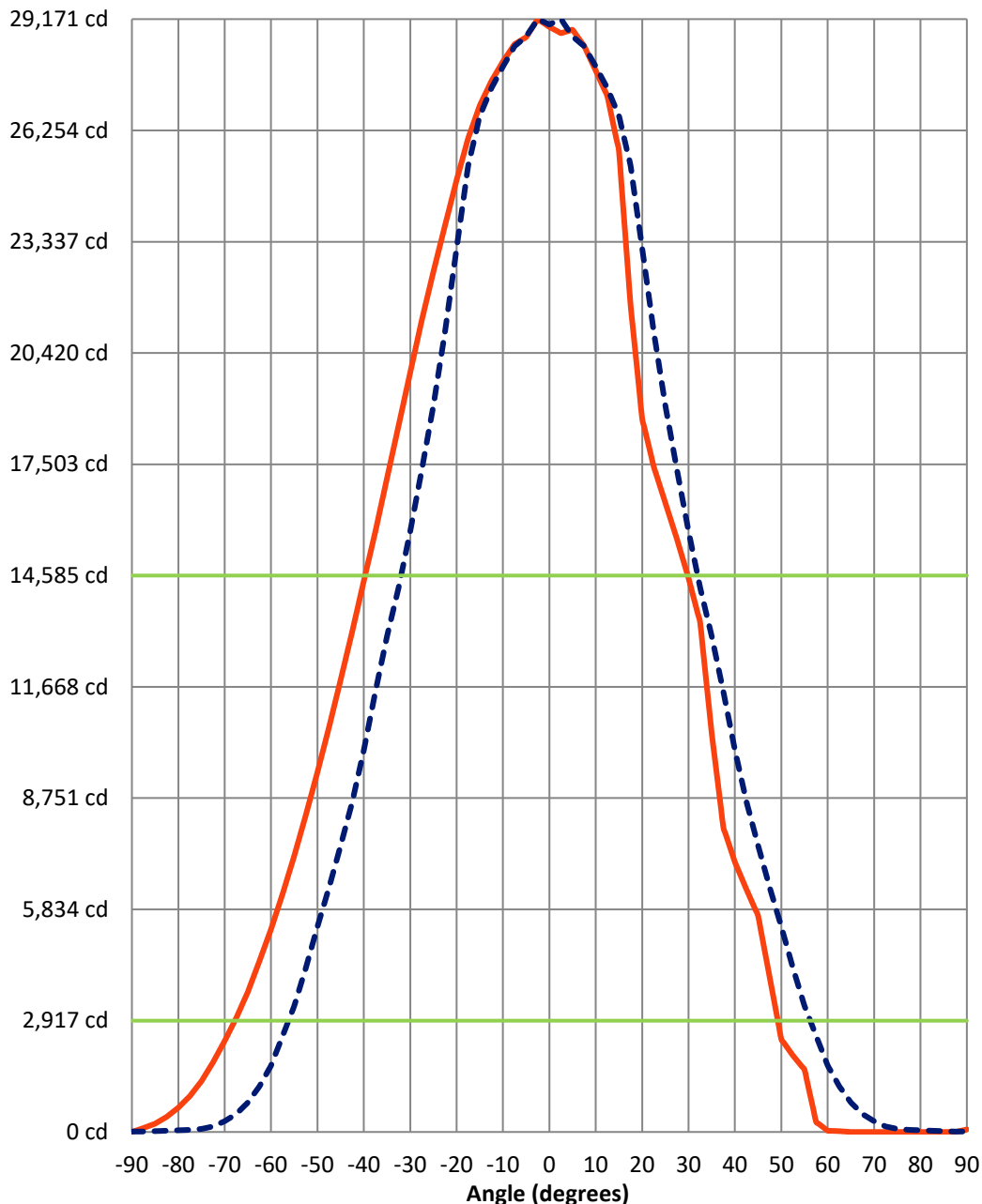
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 22523.3
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 36941.6
 Efficiency: 94.9%

Spill:
 Lumens: 1987.9
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through -2.5-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°	10.9	10.9	10.9	13.6	16.4	19.1	21.8	24.5	27.3	30.0	32.7
87.5°	10.9	10.9	10.9	10.5	10.0	9.1	8.1	5.7	3.6	1.7	0.0
85°	10.9	10.9	10.9	10.2	9.0	7.4	5.3	3.3	1.8	0.7	0.0
82.5°	10.9	10.9	10.9	9.9	8.1	5.7	2.6	0.8	0.3	1.6	2.9
80°	10.9	10.9	10.9	9.5	7.2	4.0	0.6	2.2	3.9	5.7	7.4
77.5°	10.9	10.9	10.9	9.3	6.4	3.6	3.4	5.4	7.6	9.8	9.9
75°	10.9	10.9	10.9	9.0	6.0	5.4	6.1	8.6	10.8	8.9	5.7
72.5°	10.9	10.9	10.9	8.8	6.9	7.1	8.7	10.8	9.3	6.3	1.9
70°	10.9	10.9	10.9	8.7	7.8	8.7	10.9	10.3	8.0	4.2	5.0
67.5°	10.9	10.9	10.9	9.1	8.7	10.2	11.2	10.0	7.1	8.4	9.7
65°	10.9	10.9	10.9	9.5	9.5	11.3	11.7	9.9	10.9	12.7	13.4
62.5°	10.9	10.9	10.9	9.8	10.2	12.1	12.2	12.3	14.7	16.5	15.0
60°	10.9	10.9	10.9	10.1	10.9	13.1	13.0	15.6	18.4	19.0	17.1
57.5°	10.9	10.9	11.0	10.3	11.9	14.1	15.5	18.9	21.6	21.8	21.3
55°	10.9	10.9	11.2	10.5	13.0	15.3	18.3	22.1	24.9	25.3	26.5
52.5°	10.9	10.9	11.4	10.7	14.2	16.7	21.0	25.2	28.4	30.0	31.6
50°	10.9	10.9	11.6	10.8	15.4	18.9	23.7	28.3	32.3	34.6	36.8
47.5°	10.9	10.9	11.9	11.1	16.7	21.1	26.3	31.4	36.4	39.2	41.8
45°	10.9	10.9	12.2	12.1	18.0	23.2	28.8	34.4	40.2	43.7	46.9
42.5°	10.9	10.9	12.6	13.2	19.3	25.3	31.3	37.7	44.3	48.2	56.9
40°	10.9	10.9	13.0	14.5	20.8	27.3	33.8	41.4	48.5	52.7	67.9
37.5°	10.9	10.9	13.4	15.9	22.4	29.3	36.1	45.2	53.1	59.9	79.1
35°	10.9	10.9	13.9	17.3	23.9	31.2	38.4	49.2	57.8	73.6	100.7
32.5°	10.9	10.9	14.4	18.7	25.4	33.0	40.9	53.2	62.8	89.7	143.7
30°	10.9	10.9	14.9	20.1	26.8	34.8	44.1	57.4	68.0	108.1	185.5
27.5°	10.9	10.9	15.4	21.4	28.5	36.4	47.4	61.6	77.0	128.5	226.0
25°	10.9	10.9	16.0	22.7	30.2	38.0	50.6	65.9	92.8	158.3	265.7
22.5°	10.9	10.9	16.6	23.9	31.8	39.7	53.8	70.1	109.4	191.1	318.1
20°	10.9	10.9	17.2	25.1	33.4	41.7	56.9	74.4	126.6	222.1	370.2
17.5°	10.9	10.9	17.8	26.2	34.9	43.6	60.0	78.6	144.2	251.5	421.4
15°	10.9	10.9	18.4	27.3	36.4	45.4	63.0	84.1	161.8	278.9	471.1
12.5°	10.9	10.9	19.0	28.4	37.8	47.2	65.8	91.7	181.4	304.4	518.8
10°	10.9	10.9	19.6	29.3	39.1	48.8	68.4	99.6	202.2	334.0	566.5
7.5°	10.9	10.9	20.2	30.3	40.3	50.3	70.7	107.7	221.9	362.8	616.8
5°	10.9	10.9	20.8	31.1	41.5	51.8	72.8	115.8	240.4	389.5	663.0
2.5°	10.9	10.9	21.3	32.0	42.6	53.2	74.6	123.5	257.3	413.9	704.5
0°	10.9	10.9	21.8	32.7	43.6	54.4	76.2	130.7	272.2	435.6	740.5
-2.5°	10.9	10.9	21.8	32.7	43.6	54.4	76.2	130.7	272.2	435.6	740.5
-5°	10.9	10.9	21.7	32.6	45.3	56.6	84.3	156.2	291.7	500.1	799.5
-7.5°	10.9	10.9	21.6	32.4	46.0	57.5	87.7	166.8	298.5	524.7	820.2
-10°	10.9	10.9	21.5	32.2	46.5	58.4	90.5	175.6	303.6	542.5	835.5
-12.5°	10.9	10.9	21.3	31.9	46.8	59.1	92.6	182.1	307.0	551.8	847.3
-15°	10.9	10.9	21.1	31.6	47.0	59.7	94.0	186.1	313.4	550.8	851.7
-17.5°	10.9	10.9	20.8	31.2	46.9	60.2	94.4	190.1	322.8	545.3	846.4
-20°	10.9	10.9	20.5	30.7	46.6	60.5	96.9	194.0	328.9	535.3	830.8

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CATALOG NUMBER: GFLD-SA6E-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	10.9	10.9	20.1	30.2	46.0	60.8	103.1	195.7	331.6	521.0	804.5
-25°	10.9	10.9	19.8	29.6	45.2	64.8	108.2	195.1	330.6	502.5	766.8
-27.5°	10.9	10.9	19.3	29.0	44.1	69.8	112.1	192.2	326.0	486.7	739.3
-30°	10.9	10.9	18.9	28.3	43.0	74.2	114.9	186.8	319.9	479.7	708.3
-32.5°	10.9	10.9	18.4	27.6	44.6	77.8	116.3	187.1	312.1	467.7	673.4
-35°	10.9	10.9	17.9	26.8	45.8	80.6	119.5	188.1	301.2	450.8	634.6
-37.5°	10.9	10.9	17.3	25.9	46.6	82.4	122.7	187.4	287.3	429.0	617.3
-40°	10.9	10.9	16.7	25.0	46.9	83.1	124.6	184.9	270.3	408.0	597.9
-42.5°	10.9	10.9	16.1	24.5	47.2	83.1	125.2	180.7	260.6	391.1	568.3
-45°	10.9	10.9	15.4	24.6	47.5	82.5	124.6	176.8	253.6	370.3	531.0
-47.5°	10.9	10.9	14.7	24.5	47.1	81.3	122.7	174.2	244.5	345.3	501.6
-50°	10.9	10.9	14.0	24.2	46.3	79.4	120.2	169.9	237.3	336.3	466.7
-52.5°	10.9	10.9	13.3	23.7	44.9	77.0	116.8	163.9	231.2	324.5	429.2
-55°	10.9	10.9	12.5	23.0	42.9	73.8	112.7	156.5	223.6	309.7	411.3
-57.5°	10.9	10.9	11.7	22.2	40.5	69.8	107.7	150.0	213.1	294.3	390.1
-60°	10.9	10.9	10.9	21.2	37.7	65.0	101.8	142.6	199.7	275.9	365.6
-62.5°	10.9	10.9	10.9	20.1	35.6	59.5	93.5	132.9	183.2	254.1	337.1
-65°	10.9	10.9	10.9	18.8	33.3	53.3	84.3	120.4	163.1	225.5	304.8
-67.5°	10.9	10.9	10.9	17.3	30.7	47.9	74.1	105.7	140.0	192.0	261.9
-70°	10.9	10.9	10.9	15.7	27.9	43.5	63.1	90.0	119.9	154.8	211.7
-72.5°	10.9	10.9	10.9	15.4	24.9	38.8	55.7	73.6	98.9	128.4	162.0
-75°	10.9	10.9	10.9	15.2	21.7	33.8	48.6	62.1	77.0	101.1	128.8
-77.5°	10.9	10.9	10.9	15.1	20.6	28.6	41.0	52.2	63.9	76.6	94.4
-80°	10.9	10.9	10.9	14.9	19.8	25.7	33.2	42.1	51.5	61.7	72.7
-82.5°	10.9	10.9	10.9	14.6	19.0	24.2	30.0	34.2	38.9	46.6	54.9
-85°	10.9	10.9	10.9	14.3	18.2	22.5	27.3	31.0	34.6	38.2	41.8
-87.5°	10.9	10.9	10.9	14.0	17.3	20.8	24.6	27.8	31.0	34.1	37.3
-90°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	8.2	5.4	2.7	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°	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	35.4	38.2	40.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	3.2	2.8	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	7.2	5.8	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	6.2	3.1	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	2.3	0.2	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.8	3.1	2.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	6.2	6.7	4.5	1.8	0.0	0.6	1.6	1.2	0.0	0.6	1.4
67.5°	10.2	7.5	4.9	3.1	4.1	5.5	5.1	5.5	5.9	6.5	5.5
65°	10.6	8.0	8.2	9.5	10.7	11.8	12.7	13.5	11.3	9.8	10.1
62.5°	11.4	12.3	14.2	15.9	17.5	19.0	19.1	17.0	12.9	16.1	18.5
60°	16.2	17.8	20.1	22.3	24.4	25.6	24.5	24.7	27.5	31.9	61.2
57.5°	21.9	23.3	26.0	29.5	32.5	33.0	33.9	36.9	86.3	140.9	155.7
55°	27.5	28.7	33.3	38.7	41.9	41.6	59.8	125.9	190.0	263.2	290.2
52.5°	33.1	35.5	43.3	49.8	53.9	84.0	151.3	241.1	335.7	419.8	528.5
50°	38.8	46.6	54.7	64.2	102.4	180.9	279.3	401.9	544.6	678.9	816.6
47.5°	48.5	58.3	70.7	101.3	202.0	310.9	447.0	644.3	820.3	982.9	1171.5
45°	59.9	80.5	94.2	200.6	317.6	458.1	688.6	929.9	1089.5	1307.1	1641.0
42.5°	71.7	111.4	179.9	303.1	445.6	672.1	958.1	1163.6	1376.0	1728.8	2079.8
40°	103.2	149.4	271.5	417.9	598.5	928.8	1222.3	1455.0	1745.1	2136.2	2502.7
37.5°	141.4	228.0	364.7	540.4	838.4	1200.5	1514.8	1847.2	2180.7	2549.4	3229.2
35°	183.9	301.0	483.0	720.0	1078.5	1501.7	1876.4	2247.9	2632.2	3358.2	4032.7
32.5°	239.3	368.2	606.7	928.8	1337.9	1802.5	2237.6	2666.9	3283.3	4104.9	4781.8
30°	298.9	476.2	748.9	1122.1	1582.2	2078.1	2601.1	3120.9	3936.7	4616.6	5351.5
27.5°	361.2	590.2	915.8	1324.0	1811.0	2338.1	2928.4	3669.9	4397.6	5069.3	5876.9
25°	425.1	709.0	1068.4	1517.1	2036.1	2619.1	3298.0	4201.3	4770.5	5512.8	6355.2
22.5°	507.4	822.7	1219.5	1692.1	2244.7	2907.8	3773.7	4680.7	5350.6	5974.9	6797.9
20°	602.5	950.6	1383.8	1911.4	2449.1	3189.9	4246.6	5200.7	5988.6	6703.5	7459.4
17.5°	691.3	1070.2	1559.6	2135.4	2746.3	3551.3	4710.7	5766.6	6633.6	7430.3	8374.0
15°	773.5	1180.9	1731.8	2347.3	3038.7	3965.4	5126.9	6286.4	7276.5	8173.0	9245.3
12.5°	848.6	1282.0	1897.7	2545.6	3313.8	4322.4	5476.3	6608.1	7696.3	8864.5	10081.5
10°	916.3	1372.9	2054.3	2728.7	3569.0	4624.3	5765.1	6876.3	7974.3	9210.5	10562.6
7.5°	989.0	1457.9	2196.6	2895.0	3801.2	4873.7	5995.7	7091.6	8198.9	9487.2	10875.4
5°	1056.1	1536.1	2309.6	3014.3	3980.6	5068.3	6169.2	7255.0	8369.4	9693.4	11112.2
2.5°	1115.1	1601.8	2401.7	3107.8	4113.6	5211.5	6282.0	7391.3	8495.9	9861.0	11293.0
0°	1165.2	1655.2	2471.9	3179.7	4214.1	5314.0	6348.4	7480.9	8569.9	9974.6	11412.0
-2.5°	1197.2	1742.6	2520.1	3304.9	4302.0	5381.1	6407.8	7506.0	8649.6	10010.6	11545.5
-5°	1219.7	1813.3	2549.2	3401.5	4359.4	5410.7	6427.4	7486.6	8670.8	10001.5	11565.2
-7.5°	1232.8	1863.3	2562.8	3456.3	4379.7	5392.9	6394.3	7449.7	8636.0	9967.3	11478.7
-10°	1240.3	1879.0	2581.2	3439.8	4353.1	5334.6	6320.7	7363.2	8537.2	9855.9	11314.4
-12.5°	1260.8	1869.0	2578.1	3403.2	4295.8	5246.4	6211.4	7226.2	8372.6	9666.0	11087.3
-15°	1266.0	1846.5	2547.1	3349.3	4208.3	5131.1	6068.4	7038.4	8169.6	9480.9	10836.1
-17.5°	1254.5	1812.7	2486.7	3280.6	4091.1	4991.2	5900.0	6869.3	7979.3	9267.4	10572.3
-20°	1225.4	1768.8	2395.6	3199.3	3952.0	4835.8	5731.4	6691.9	7760.3	8971.1	10277.1

Classified

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

Scaled Data Report



REPORT NUMBER: P628020 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1177.7	1715.7	2297.0	3086.0	3831.9	4657.4	5533.7	6450.1	7486.1	8587.0	9880.3
-25°	1128.4	1655.8	2219.4	2930.2	3687.3	4449.0	5306.6	6154.6	7163.9	8245.1	9392.8
-27.5°	1081.6	1572.1	2138.7	2759.5	3517.2	4226.6	5049.8	5876.9	6801.5	7861.3	8917.9
-30°	1020.5	1481.7	2040.1	2595.5	3313.7	4017.0	4763.4	5577.4	6408.9	7414.6	8454.2
-32.5°	966.5	1387.7	1927.9	2470.5	3095.0	3780.9	4454.6	5230.5	6042.0	6899.3	7926.5
-35°	930.5	1332.1	1808.9	2326.2	2871.9	3524.2	4165.0	4839.1	5625.0	6429.6	7331.6
-37.5°	901.2	1268.2	1683.7	2175.7	2695.1	3255.0	3854.8	4475.0	5160.8	5972.1	6820.1
-40°	855.2	1196.3	1590.9	2032.3	2490.6	2999.7	3556.4	4117.8	4712.4	5504.8	6341.6
-42.5°	796.3	1126.6	1503.5	1876.2	2294.9	2759.6	3254.5	3783.2	4354.5	5042.9	5812.1
-45°	751.0	1037.6	1406.3	1740.1	2086.7	2511.7	2976.5	3455.4	3994.2	4585.2	5276.1
-47.5°	693.4	940.8	1279.2	1591.1	1896.5	2259.3	2684.3	3137.6	3614.9	4147.4	4713.6
-50°	631.8	860.0	1123.7	1427.3	1718.5	2020.3	2382.7	2801.9	3235.0	3699.2	4204.4
-52.5°	585.0	765.6	1006.2	1259.0	1536.6	1810.3	2118.9	2478.3	2865.1	3252.9	3697.3
-55°	532.2	696.0	894.4	1121.0	1357.3	1610.6	1891.6	2206.5	2521.7	2878.0	3232.6
-57.5°	494.9	629.1	801.0	997.9	1210.1	1425.4	1690.7	1956.8	2248.7	2543.5	2837.8
-60°	465.9	571.3	713.9	887.3	1076.5	1277.7	1495.4	1741.2	1992.5	2233.2	2487.5
-62.5°	432.6	524.3	635.8	777.2	948.2	1123.2	1314.9	1525.6	1752.9	1955.6	2152.6
-65°	389.6	469.3	564.9	680.0	814.3	962.3	1125.6	1303.2	1499.6	1664.1	1825.1
-67.5°	340.1	407.2	487.5	581.5	693.4	809.0	928.8	1079.0	1238.5	1372.7	1503.9
-70°	278.0	340.1	405.6	482.3	570.1	668.0	773.5	882.4	991.6	1101.2	1221.2
-72.5°	212.7	269.3	324.9	379.6	449.5	529.7	615.7	707.2	802.5	896.2	987.4
-75°	162.2	198.8	247.5	296.8	345.3	397.5	455.7	528.4	617.0	707.9	791.3
-77.5°	122.4	153.2	185.6	219.5	250.2	288.7	330.7	375.9	449.0	532.9	617.6
-80°	88.3	106.8	132.6	159.8	181.4	202.6	224.7	247.6	301.9	369.5	441.7
-82.5°	65.6	78.2	92.5	108.3	119.2	129.8	141.6	156.7	197.0	242.7	290.9
-85°	45.2	48.9	56.6	65.4	71.5	77.6	83.9	90.4	112.2	136.5	162.7
-87.5°	39.0	40.8	42.9	45.1	45.9	46.6	47.4	48.0	55.4	63.0	71.0
-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: P628020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	43.6	46.3	49.0	51.7	54.4	57.1	59.9	62.6	65.3	65.3	65.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.9	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	5.0	5.6	5.7	4.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0
65°	11.5	11.0	8.2	5.3	2.6	4.1	6.6	7.9	8.0	7.1	5.5
62.5°	17.3	15.9	14.4	16.6	19.8	22.9	22.0	20.8	19.4	18.4	19.1
60°	64.4	43.0	49.6	62.3	58.3	39.9	65.6	74.3	63.3	43.3	41.8
57.5°	163.2	157.6	180.5	263.7	290.2	264.4	315.9	383.6	381.5	328.5	326.8
55°	347.7	466.6	610.0	633.3	733.1	933.2	1088.9	1020.6	1020.2	1071.5	1237.0
52.5°	660.5	772.7	814.5	925.9	1134.5	1285.9	1383.2	1483.9	1594.3	1706.9	1821.1
50°	969.4	1078.2	1201.9	1316.0	1604.8	1760.2	1734.3	1942.9	2209.9	2376.6	2462.3
47.5°	1421.9	1593.5	1854.7	2264.0	2479.6	2635.4	2829.2	3065.5	3371.4	3786.3	4105.9
45°	1954.7	2224.6	2628.8	3063.6	3398.0	3550.5	3772.2	4138.2	4625.9	5100.8	5447.6
42.5°	2390.2	2760.4	3216.3	3631.8	3904.6	4154.9	4442.1	4750.6	5309.3	5816.6	6217.4
40°	2958.5	3246.9	3758.4	4150.0	4394.3	4642.4	5097.4	5559.3	6084.7	6557.3	6885.6
37.5°	3678.8	4003.3	4535.4	4978.3	5213.5	5301.2	6075.0	6718.0	7144.9	7748.2	7945.5
35°	4452.6	4986.8	5664.8	6239.1	6469.7	6929.9	7727.0	8624.1	9596.2	9953.7	10258.5
32.5°	5315.9	5974.9	6894.9	7511.2	7840.2	8538.6	9547.4	10505.0	11776.1	12466.0	12672.2
30°	6105.7	6861.9	7652.6	8251.7	8814.2	9655.3	10575.3	11756.1	12931.4	13813.5	14087.4
27.5°	6685.3	7522.0	8282.2	8843.3	9478.0	10384.8	11531.9	12727.6	13881.3	14781.2	15101.0
25°	7238.5	8184.3	8786.2	9438.5	10183.8	11172.1	12443.3	13771.9	14908.3	15668.8	16061.0
22.5°	7867.9	8800.4	9446.5	9999.0	10973.5	12112.4	13292.3	14793.6	15997.5	16604.4	17029.5
20°	8517.4	9572.5	10570.5	11084.5	11927.7	13369.6	14690.5	16107.8	17270.4	17902.8	18350.6
17.5°	9423.6	10768.2	11992.4	12720.1	13623.1	15347.2	16995.4	18429.1	20046.4	20617.6	21164.9
15°	10379.2	11935.4	13369.5	14522.4	15688.8	17397.0	19518.7	21248.9	23094.2	23918.4	24850.1
12.5°	11331.8	12804.3	14103.6	15591.0	17234.8	18745.9	20765.9	22920.3	24594.9	25646.0	26273.3
10°	12043.8	13411.4	14661.7	16152.7	17793.4	19502.8	21510.0	23718.4	25471.5	26368.4	26880.3
7.5°	12428.2	13737.2	15055.9	16566.8	18200.2	20020.7	22088.8	24279.9	26072.3	26941.3	27446.7
5°	12713.7	13970.8	15336.3	16926.7	18578.3	20424.3	22489.5	24654.5	26288.9	27212.4	27851.6
2.5°	12886.4	14118.9	15515.0	17159.4	18815.0	20737.6	22902.6	25146.8	26576.8	27319.8	27907.6
0°	12936.5	14177.8	15615.2	17281.3	18980.0	20918.3	23063.5	25284.9	26733.2	27451.9	28050.8
-2.5°	12992.8	14271.0	15747.8	17360.2	19044.6	20977.4	23167.1	25331.6	26634.5	27359.7	27929.4
-5°	12953.5	14278.2	15750.5	17294.9	18990.3	20907.7	23009.8	25033.7	26396.6	27180.6	27747.2
-7.5°	12836.3	14179.8	15636.9	17121.2	18784.3	20723.5	22816.8	24765.7	26146.3	26973.0	27592.9
-10°	12665.7	13970.0	15437.3	16940.4	18583.6	20429.5	22490.6	24427.8	25749.2	26627.0	27349.5
-12.5°	12476.7	13754.0	15168.2	16610.1	18235.2	20058.2	22055.2	23889.0	25202.6	26160.2	26676.4
-15°	12196.6	13473.1	14825.1	16219.8	17803.8	19572.4	21480.0	23239.4	24529.3	25308.5	25879.0
-17.5°	11840.3	13092.8	14374.5	15697.4	17189.7	18931.5	20850.7	22585.8	23637.3	24333.2	24894.0
-20°	11458.6	12616.9	13831.2	15079.5	16526.0	18251.3	20136.2	21649.7	22640.7	23309.4	23838.8



REPORT NUMBER: P628020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	11022.7	12138.1	13249.7	14443.0	15861.3	17443.2	19108.0	20570.6	21636.1	22245.1	22734.4
-25°	10525.2	11610.2	12665.7	13818.3	15121.7	16543.7	18091.7	19529.0	20483.2	21130.1	21615.3
-27.5°	9989.3	11008.7	12039.7	13074.7	14246.6	15663.3	17096.9	18432.2	19246.8	19898.8	20386.9
-30°	9454.4	10371.3	11325.3	12305.0	13404.9	14682.3	16023.3	17146.1	18005.1	18638.7	19091.9
-32.5°	8874.7	9744.8	10590.0	11505.7	12541.3	13667.0	14843.9	15912.0	16830.0	17410.2	17792.1
-35°	8281.0	9123.3	9896.9	10728.1	11641.5	12613.0	13699.3	14752.7	15659.2	16118.3	16490.5
-37.5°	7662.7	8502.5	9235.9	9930.2	10717.1	11616.9	12674.9	13679.9	14463.1	14857.8	15193.2
-40°	7125.0	7864.3	8524.4	9188.9	9828.6	10627.6	11614.9	12588.0	13216.4	13601.0	13912.7
-42.5°	6603.0	7226.6	7767.2	8362.8	9003.1	9790.8	10587.4	11403.3	11908.4	12335.3	12663.6
-45°	5995.0	6552.5	7059.3	7554.8	8138.7	8857.8	9581.5	10235.0	10708.0	11120.6	11440.3
-47.5°	5322.5	5860.8	6353.0	6795.9	7338.6	7938.4	8547.7	9091.6	9558.7	9966.4	10251.6
-50°	4695.8	5176.7	5657.3	6105.5	6575.8	7061.1	7555.4	8032.7	8476.1	8872.3	9115.0
-52.5°	4134.4	4578.1	4998.1	5390.1	5801.6	6211.6	6621.0	7058.1	7466.1	7841.0	8034.8
-55°	3626.5	4026.6	4405.6	4735.8	5065.9	5391.1	5742.0	6145.6	6521.3	6868.6	7007.7
-57.5°	3170.5	3512.9	3848.4	4127.5	4397.1	4655.7	4963.8	5304.5	5633.3	5931.0	6044.8
-60°	2751.2	3022.8	3303.3	3551.1	3785.9	4007.7	4276.3	4550.7	4817.4	5041.8	5138.8
-62.5°	2365.3	2597.7	2810.3	3011.6	3210.5	3410.3	3627.0	3844.7	4060.1	4232.9	4320.5
-65°	1993.3	2178.3	2349.2	2514.7	2675.4	2843.1	3012.8	3178.2	3337.7	3461.2	3537.1
-67.5°	1644.2	1784.9	1920.4	2049.4	2183.8	2319.8	2452.6	2579.2	2699.0	2794.5	2867.0
-70°	1334.7	1443.6	1549.6	1656.4	1768.6	1874.3	1974.3	2069.1	2158.2	2227.1	2282.9
-72.5°	1075.8	1164.1	1255.7	1352.0	1442.7	1521.7	1593.5	1662.8	1729.1	1768.0	1797.1
-75°	867.4	941.7	1021.4	1099.2	1175.0	1235.0	1287.8	1338.9	1388.1	1390.6	1380.8
-77.5°	700.7	767.1	828.8	889.9	950.4	987.4	1019.8	1053.0	1086.6	1067.2	1036.4
-80°	514.2	569.6	622.0	674.6	727.2	749.1	764.4	777.7	788.9	763.4	732.0
-82.5°	341.3	376.2	410.2	444.9	480.0	494.0	504.5	513.1	520.0	497.0	470.5
-85°	190.5	207.2	223.7	240.3	256.9	266.7	275.7	283.9	291.5	277.8	262.3
-87.5°	79.2	83.0	86.7	90.3	93.9	97.4	100.8	104.1	107.4	107.9	108.2
-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: P628020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	62.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	3.2	0.5	0.0	0.0	0.0	0.5	3.2	5.5	7.1	8.0	7.9
62.5°	20.0	20.8	21.6	21.8	21.6	20.8	20.0	19.1	18.4	19.4	20.8
60°	38.5	33.7	32.6	32.7	32.6	33.7	38.5	41.8	43.3	63.3	74.3
57.5°	301.9	258.4	264.9	294.0	264.9	258.4	301.9	326.8	328.5	381.5	383.6
55°	1410.7	1574.7	1632.7	1600.7	1632.7	1574.7	1410.7	1237.0	1071.5	1020.2	1020.6
52.5°	1911.3	1978.6	2004.5	2003.6	2004.5	1978.6	1911.3	1821.1	1706.9	1594.3	1483.9
50°	2488.2	2465.5	2430.4	2395.6	2430.4	2465.5	2488.2	2462.3	2376.6	2209.9	1942.9
47.5°	4152.6	4080.7	4050.3	4105.3	4050.3	4080.7	4152.6	4105.9	3786.3	3371.4	3065.5
45°	5518.3	5602.7	5665.6	5662.4	5665.6	5602.7	5518.3	5447.6	5100.8	4625.9	4138.2
42.5°	6296.0	6340.8	6353.9	6337.6	6353.9	6340.8	6296.0	6217.4	5816.6	5309.3	4750.6
40°	6988.9	7042.5	7072.6	7099.8	7072.6	7042.5	6988.9	6885.6	6557.3	6084.7	5559.3
37.5°	8010.6	8030.2	7987.5	7960.1	7987.5	8030.2	8010.6	7945.5	7748.2	7144.9	6718.0
35°	10515.5	10566.8	10448.0	10573.5	10448.0	10566.8	10515.5	10258.5	9953.7	9596.2	8624.1
32.5°	12917.8	13158.2	13352.7	13513.6	13352.7	13158.2	12917.8	12672.2	12466.0	11776.1	10505.0
30°	14278.6	14433.7	14517.1	14537.2	14517.1	14433.7	14278.6	14087.4	13813.5	12931.4	11756.1
27.5°	15277.7	15440.3	15541.5	15615.2	15541.5	15440.3	15277.7	15101.0	14781.2	13881.3	12727.6
25°	16240.7	16389.4	16490.5	16529.9	16490.5	16389.4	16240.7	16061.0	15668.8	14908.3	13771.9
22.5°	17239.9	17343.3	17440.4	17488.2	17440.4	17343.3	17239.9	17029.5	16604.4	15997.5	14793.6
20°	18672.3	18616.2	18704.8	18675.1	18704.8	18616.2	18672.3	18350.6	17902.8	17270.4	16107.8
17.5°	21591.6	21621.8	21681.1	21778.5	21681.1	21621.8	21591.6	21164.9	20617.6	20046.4	18429.1
15°	25262.8	25336.7	25712.2	26047.1	25712.2	25336.7	25262.8	24850.1	23918.4	23094.2	21248.9
12.5°	26855.3	27110.9	27150.6	27245.0	27150.6	27110.9	26855.3	26273.3	25646.0	24594.9	22920.3
10°	27386.7	27829.4	27819.9	27931.0	27819.9	27829.4	27386.7	26880.3	26368.4	25471.5	23718.4
7.5°	27789.8	28265.3	28466.2	28551.7	28466.2	28265.3	27789.8	27446.7	26941.3	26072.3	24279.9
5°	28282.2	28543.6	28890.4	28791.2	28890.4	28543.6	28282.2	27851.6	27212.4	26288.9	24654.5
2.5°	28488.6	28898.1	28803.6	28900.1	28803.6	28898.1	28488.6	27907.6	27319.8	26576.8	25146.8
0°	28627.9	28921.9	28965.5	29063.5	28965.5	28921.9	28627.9	28050.8	27451.9	26733.2	25284.9
-2.5°	28459.0	28717.8	29170.9	29030.8	29170.9	28717.8	28459.0	27929.4	27359.7	26634.5	25331.6
-5°	28311.0	28947.8	28700.5	29009.0	28700.5	28947.8	28311.0	27747.2	27180.6	26396.6	25033.7
-7.5°	28234.5	28348.4	28512.6	28747.7	28512.6	28348.4	28234.5	27592.9	26973.0	26146.3	24765.7
-10°	27643.5	27760.0	28061.6	28225.0	28061.6	27760.0	27643.5	27349.5	26627.0	25749.2	24427.8
-12.5°	27002.5	27228.1	27544.8	27647.9	27544.8	27228.1	27002.5	26676.4	26160.2	25202.6	23889.0
-15°	26264.1	26599.1	26907.9	26972.7	26907.9	26599.1	26264.1	25879.0	25308.5	24529.3	23239.4
-17.5°	25325.2	25726.9	26051.3	26123.4	26051.3	25726.9	25325.2	24894.0	24333.2	23637.3	22585.8
-20°	24290.6	24675.3	24951.3	25034.4	24951.3	24675.3	24290.6	23838.8	23309.4	22640.7	21649.7



REPORT NUMBER: P628020 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	23182.9	23529.4	23762.6	23727.7	23762.6	23529.4	23182.9	22734.4	22245.1	21636.1	20570.6
-25°	22006.9	22328.4	22550.6	22519.0	22550.6	22328.4	22006.9	21615.3	21130.1	20483.2	19529.0
-27.5°	20763.7	21068.2	21281.7	21288.5	21281.7	21068.2	20763.7	20386.9	19898.8	19246.8	18432.2
-30°	19457.2	19733.8	19907.2	19840.3	19907.2	19733.8	19457.2	19091.9	18638.7	18005.1	17146.1
-32.5°	18109.7	18359.9	18518.9	18566.2	18518.9	18359.9	18109.7	17792.1	17410.2	16830.0	15912.0
-35°	16780.6	17001.2	17138.5	17172.4	17138.5	17001.2	16780.6	16490.5	16118.3	15659.2	14752.7
-37.5°	15460.1	15649.9	15745.7	15702.3	15745.7	15649.9	15460.1	15193.2	14857.8	14463.1	13679.9
-40°	14155.2	14335.8	14445.7	14471.8	14445.7	14335.8	14155.2	13912.7	13601.0	13216.4	12588.0
-42.5°	12872.1	13022.4	13118.8	13165.1	13118.8	13022.4	12872.1	12663.6	12335.3	11908.4	11403.3
-45°	11626.9	11761.2	11851.8	11902.0	11851.8	11761.2	11626.9	11440.3	11120.6	10708.0	10235.0
-47.5°	10415.4	10533.2	10611.3	10649.7	10611.3	10533.2	10415.4	10251.6	9966.4	9558.7	9091.6
-50°	9257.0	9359.0	9431.8	9473.7	9431.8	9359.0	9257.0	9115.0	8872.3	8476.1	8032.7
-52.5°	8158.3	8247.4	8309.5	8341.2	8309.5	8247.4	8158.3	8034.8	7841.0	7466.1	7058.1
-55°	7109.3	7181.5	7238.9	7274.0	7238.9	7181.5	7109.3	7007.7	6868.6	6521.3	6145.6
-57.5°	6131.0	6190.0	6244.4	6283.1	6244.4	6190.0	6131.0	6044.8	5931.0	5633.3	5304.5
-60°	5215.2	5271.0	5317.2	5346.6	5317.2	5271.0	5215.2	5138.8	5041.8	4817.4	4550.7
-62.5°	4388.8	4438.2	4480.6	4508.2	4480.6	4438.2	4388.8	4320.5	4232.9	4060.1	3844.7
-65°	3596.7	3640.9	3672.5	3691.5	3672.5	3640.9	3596.7	3537.1	3461.2	3337.7	3178.2
-67.5°	2928.8	2979.8	2990.0	2983.7	2990.0	2979.8	2928.8	2867.0	2794.5	2699.0	2579.2
-70°	2332.8	2375.9	2386.1	2384.8	2386.1	2375.9	2332.8	2282.9	2227.1	2158.2	2069.1
-72.5°	1824.1	1847.6	1827.6	1796.7	1827.6	1847.6	1824.1	1797.1	1768.0	1729.1	1662.8
-75°	1368.8	1353.8	1332.6	1306.7	1332.6	1353.8	1368.8	1380.8	1390.6	1388.1	1338.9
-77.5°	1002.4	965.3	941.1	914.7	941.1	965.3	1002.4	1036.4	1067.2	1086.6	1053.0
-80°	698.0	661.6	636.5	609.8	636.5	661.6	698.0	732.0	763.4	788.9	777.7
-82.5°	442.2	412.2	397.1	381.1	397.1	412.2	442.2	470.5	497.0	520.0	513.1
-85°	245.6	227.9	217.6	206.9	217.6	227.9	245.6	262.3	277.8	291.5	283.9
-87.5°	108.5	108.7	103.4	98.0	103.4	108.7	108.5	108.2	107.9	107.4	104.1
-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):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	59.9	57.1	54.4	51.7	49.0	46.3	43.6	40.9	38.2	35.4	32.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.3	0.3	0.0	0.0	0.9	1.4	0.6	0.0	1.2
67.5°	0.0	0.0	1.9	4.5	5.7	5.6	5.0	5.5	6.5	5.9	5.5
65°	6.6	4.1	2.6	5.3	8.2	11.0	11.5	10.1	9.8	11.3	13.5
62.5°	22.0	22.9	19.8	16.6	14.4	15.9	17.3	18.5	16.1	12.9	17.0
60°	65.6	39.9	58.3	62.3	49.6	43.0	64.4	61.2	31.9	27.5	24.7
57.5°	315.9	264.4	290.2	263.7	180.5	157.6	163.2	155.7	140.9	86.3	36.9
55°	1088.9	933.2	733.1	633.3	610.0	466.6	347.7	290.2	263.2	190.0	125.9
52.5°	1383.2	1285.9	1134.5	925.9	814.5	772.7	660.5	528.5	419.8	335.7	241.1
50°	1734.3	1760.2	1604.8	1316.0	1201.9	1078.2	969.4	816.6	678.9	544.6	401.9
47.5°	2829.2	2635.4	2479.6	2264.0	1854.7	1593.5	1421.9	1171.5	982.9	820.3	644.3
45°	3772.2	3550.5	3398.0	3063.6	2628.8	2224.6	1954.7	1641.0	1307.1	1089.5	929.9
42.5°	4442.1	4154.9	3904.6	3631.8	3216.3	2760.4	2390.2	2079.8	1728.8	1376.0	1163.6
40°	5097.4	4642.4	4394.3	4150.0	3758.4	3246.9	2958.5	2502.7	2136.2	1745.1	1455.0
37.5°	6075.0	5301.2	5213.5	4978.3	4535.4	4003.3	3678.8	3229.2	2549.4	2180.7	1847.2
35°	7727.0	6929.9	6469.7	6239.1	5664.8	4986.8	4452.6	4032.7	3358.2	2632.2	2247.9
32.5°	9547.4	8538.6	7840.2	7511.2	6894.9	5974.9	5315.9	4781.8	4104.9	3283.3	2666.9
30°	10575.3	9655.3	8814.2	8251.7	7652.6	6861.9	6105.7	5351.5	4616.6	3936.7	3120.9
27.5°	11531.9	10384.8	9478.0	8843.3	8282.2	7522.0	6685.3	5876.9	5069.3	4397.6	3669.9
25°	12443.3	11172.1	10183.8	9438.5	8786.2	8184.3	7238.5	6355.2	5512.8	4770.5	4201.3
22.5°	13292.3	12112.4	10973.5	9999.0	9446.5	8800.4	7867.9	6797.9	5974.9	5350.6	4680.7
20°	14690.5	13369.6	11927.7	11084.5	10570.5	9572.5	8517.4	7459.4	6703.5	5988.6	5200.7
17.5°	16995.4	15347.2	13623.1	12720.1	11992.4	10768.2	9423.6	8374.0	7430.3	6633.6	5766.6
15°	19518.7	17397.0	15688.8	14522.4	13369.5	11935.4	10379.2	9245.3	8173.0	7276.5	6286.4
12.5°	20765.9	18745.9	17234.8	15591.0	14103.6	12804.3	11331.8	10081.5	8864.5	7696.3	6608.1
10°	21510.0	19502.8	17793.4	16152.7	14661.7	13411.4	12043.8	10562.6	9210.5	7974.3	6876.3
7.5°	22088.8	20020.7	18200.2	16566.8	15055.9	13737.2	12428.2	10875.4	9487.2	8198.9	7091.6
5°	22489.5	20424.3	18578.3	16926.7	15336.3	13970.8	12713.7	11112.2	9693.4	8369.4	7255.0
2.5°	22902.6	20737.6	18815.0	17159.4	15515.0	14118.9	12886.4	11293.0	9861.0	8495.9	7391.3
0°	23063.5	20918.3	18980.0	17281.3	15615.2	14177.8	12936.5	11412.0	9974.6	8569.9	7480.9
-2.5°	23167.1	20977.4	19044.6	17360.2	15747.8	14271.0	12992.8	11545.5	10010.6	8649.6	7506.0
-5°	23009.8	20907.7	18990.3	17294.9	15750.5	14278.2	12953.5	11565.2	10001.5	8670.8	7486.6
-7.5°	22816.8	20723.5	18784.3	17121.2	15636.9	14179.8	12836.3	11478.7	9967.3	8636.0	7449.7
-10°	22490.6	20429.5	18583.6	16940.4	15437.3	13970.0	12665.7	11314.4	9855.9	8537.2	7363.2
-12.5°	22055.2	20058.2	18235.2	16610.1	15168.2	13754.0	12476.7	11087.3	9666.0	8372.6	7226.2
-15°	21480.0	19572.4	17803.8	16219.8	14825.1	13473.1	12196.6	10836.1	9480.9	8169.6	7038.4
-17.5°	20850.7	18931.5	17189.7	15697.4	14374.5	13092.8	11840.3	10572.3	9267.4	7979.3	6869.3
-20°	20136.2	18251.3	16526.0	15079.5	13831.2	12616.9	11458.6	10277.1	8971.1	7760.3	6691.9



REPORT NUMBER: P628020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	19108.0	17443.2	15861.3	14443.0	13249.7	12138.1	11022.7	9880.3	8587.0	7486.1	6450.1
-25°	18091.7	16543.7	15121.7	13818.3	12665.7	11610.2	10525.2	9392.8	8245.1	7163.9	6154.6
-27.5°	17096.9	15663.3	14246.6	13074.7	12039.7	11008.7	9989.3	8917.9	7861.3	6801.5	5876.9
-30°	16023.3	14682.3	13404.9	12305.0	11325.3	10371.3	9454.4	8454.2	7414.6	6408.9	5577.4
-32.5°	14843.9	13667.0	12541.3	11505.7	10590.0	9744.8	8874.7	7926.5	6899.3	6042.0	5230.5
-35°	13699.3	12613.0	11641.5	10728.1	9896.9	9123.3	8281.0	7331.6	6429.6	5625.0	4839.1
-37.5°	12674.9	11616.9	10717.1	9930.2	9235.9	8502.5	7662.7	6820.1	5972.1	5160.8	4475.0
-40°	11614.9	10627.6	9828.6	9188.9	8524.4	7864.3	7125.0	6341.6	5504.8	4712.4	4117.8
-42.5°	10587.4	9790.8	9003.1	8362.8	7767.2	7226.6	6603.0	5812.1	5042.9	4354.5	3783.2
-45°	9581.5	8857.8	8138.7	7554.8	7059.3	6552.5	5995.0	5276.1	4585.2	3994.2	3455.4
-47.5°	8547.7	7938.4	7338.6	6795.9	6353.0	5860.8	5322.5	4713.6	4147.4	3614.9	3137.6
-50°	7555.4	7061.1	6575.8	6105.5	5657.3	5176.7	4695.8	4204.4	3699.2	3235.0	2801.9
-52.5°	6621.0	6211.6	5801.6	5390.1	4998.1	4578.1	4134.4	3697.3	3252.9	2865.1	2478.3
-55°	5742.0	5391.1	5065.9	4735.8	4405.6	4026.6	3626.5	3232.6	2878.0	2521.7	2206.5
-57.5°	4963.8	4655.7	4397.1	4127.5	3848.4	3512.9	3170.5	2837.8	2543.5	2248.7	1956.8
-60°	4276.3	4007.7	3785.9	3551.1	3303.3	3022.8	2751.2	2487.5	2233.2	1992.5	1741.2
-62.5°	3627.0	3410.3	3210.5	3011.6	2810.3	2597.7	2365.3	2152.6	1955.6	1752.9	1525.6
-65°	3012.8	2843.1	2675.4	2514.7	2349.2	2178.3	1993.3	1825.1	1664.1	1499.6	1303.2
-67.5°	2452.6	2319.8	2183.8	2049.4	1920.4	1784.9	1644.2	1503.9	1372.7	1238.5	1079.0
-70°	1974.3	1874.3	1768.6	1656.4	1549.6	1443.6	1334.7	1221.2	1101.2	991.6	882.4
-72.5°	1593.5	1521.7	1442.7	1352.0	1255.7	1164.1	1075.8	987.4	896.2	802.5	707.2
-75°	1287.8	1235.0	1175.0	1099.2	1021.4	941.7	867.4	791.3	707.9	617.0	528.4
-77.5°	1019.8	987.4	950.4	889.9	828.8	767.1	700.7	617.6	532.9	449.0	375.9
-80°	764.4	749.1	727.2	674.6	622.0	569.6	514.2	441.7	369.5	301.9	247.6
-82.5°	504.5	494.0	480.0	444.9	410.2	376.2	341.3	290.9	242.7	197.0	156.7
-85°	275.7	266.7	256.9	240.3	223.7	207.2	190.5	162.7	136.5	112.2	90.4
-87.5°	100.8	97.4	93.9	90.3	86.7	83.0	79.2	71.0	63.0	55.4	48.0
-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: P628020 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	30.0	27.3	24.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.6	5.7
85°	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.7	1.8	3.3
82.5°	0.0	0.0	0.0	0.2	1.8	2.8	3.2	2.9	1.6	0.3	0.8
80°	0.0	0.0	0.0	0.3	2.7	5.8	7.2	7.4	5.7	3.9	2.2
77.5°	0.0	0.0	0.0	0.1	1.1	3.1	6.2	9.9	9.8	7.6	5.4
75°	0.0	0.0	0.0	0.4	0.7	0.2	2.3	5.7	8.9	10.8	8.6
72.5°	0.0	0.0	0.0	1.3	2.9	3.1	1.8	1.9	6.3	9.3	10.8
70°	1.6	0.6	0.0	1.8	4.5	6.7	6.2	5.0	4.2	8.0	10.3
67.5°	5.1	5.5	4.1	3.1	4.9	7.5	10.2	9.7	8.4	7.1	10.0
65°	12.7	11.8	10.7	9.5	8.2	8.0	10.6	13.4	12.7	10.9	9.9
62.5°	19.1	19.0	17.5	15.9	14.2	12.3	11.4	15.0	16.5	14.7	12.3
60°	24.5	25.6	24.4	22.3	20.1	17.8	16.2	17.1	19.0	18.4	15.6
57.5°	33.9	33.0	32.5	29.5	26.0	23.3	21.9	21.3	21.8	21.6	18.9
55°	59.8	41.6	41.9	38.7	33.3	28.7	27.5	26.5	25.3	24.9	22.1
52.5°	151.3	84.0	53.9	49.8	43.3	35.5	33.1	31.6	30.0	28.4	25.2
50°	279.3	180.9	102.4	64.2	54.7	46.6	38.8	36.8	34.6	32.3	28.3
47.5°	447.0	310.9	202.0	101.3	70.7	58.3	48.5	41.8	39.2	36.4	31.4
45°	688.6	458.1	317.6	200.6	94.2	80.5	59.9	46.9	43.7	40.2	34.4
42.5°	958.1	672.1	445.6	303.1	179.9	111.4	71.7	56.9	48.2	44.3	37.7
40°	1222.3	928.8	598.5	417.9	271.5	149.4	103.2	67.9	52.7	48.5	41.4
37.5°	1514.8	1200.5	838.4	540.4	364.7	228.0	141.4	79.1	59.9	53.1	45.2
35°	1876.4	1501.7	1078.5	720.0	483.0	301.0	183.9	100.7	73.6	57.8	49.2
32.5°	2237.6	1802.5	1337.9	928.8	606.7	368.2	239.3	143.7	89.7	62.8	53.2
30°	2601.1	2078.1	1582.2	1122.1	748.9	476.2	298.9	185.5	108.1	68.0	57.4
27.5°	2928.4	2338.1	1811.0	1324.0	915.8	590.2	361.2	226.0	128.5	77.0	61.6
25°	3298.0	2619.1	2036.1	1517.1	1068.4	709.0	425.1	265.7	158.3	92.8	65.9
22.5°	3773.7	2907.8	2244.7	1692.1	1219.5	822.7	507.4	318.1	191.1	109.4	70.1
20°	4246.6	3189.9	2449.1	1911.4	1383.8	950.6	602.5	370.2	222.1	126.6	74.4
17.5°	4710.7	3551.3	2746.3	2135.4	1559.6	1070.2	691.3	421.4	251.5	144.2	78.6
15°	5126.9	3965.4	3038.7	2347.3	1731.8	1180.9	773.5	471.1	278.9	161.8	84.1
12.5°	5476.3	4322.4	3313.8	2545.6	1897.7	1282.0	848.6	518.8	304.4	181.4	91.7
10°	5765.1	4624.3	3569.0	2728.7	2054.3	1372.9	916.3	566.5	334.0	202.2	99.6
7.5°	5995.7	4873.7	3801.2	2895.0	2196.6	1457.9	989.0	616.8	362.8	221.9	107.7
5°	6169.2	5068.3	3980.6	3014.3	2309.6	1536.1	1056.1	663.0	389.5	240.4	115.8
2.5°	6282.0	5211.5	4113.6	3107.8	2401.7	1601.8	1115.1	704.5	413.9	257.3	123.5
0°	6348.4	5314.0	4214.1	3179.7	2471.9	1655.2	1165.2	740.5	435.6	272.2	130.7
-2.5°	6407.8	5381.1	4302.0	3304.9	2520.1	1742.6	1197.2	773.0	470.0	283.0	144.0
-5°	6427.4	5410.7	4359.4	3401.5	2549.2	1813.3	1219.7	799.5	500.1	291.7	156.2
-7.5°	6394.3	5392.9	4379.7	3456.3	2562.8	1863.3	1232.8	820.2	524.7	298.5	166.8
-10°	6320.7	5334.6	4353.1	3439.8	2581.2	1879.0	1240.3	835.5	542.5	303.6	175.6
-12.5°	6211.4	5246.4	4295.8	3403.2	2578.1	1869.0	1260.8	847.3	551.8	307.0	182.1
-15°	6068.4	5131.1	4208.3	3349.3	2547.1	1846.5	1266.0	851.7	550.8	313.4	186.1
-17.5°	5900.0	4991.2	4091.1	3280.6	2486.7	1812.7	1254.5	846.4	545.3	322.8	190.1
-20°	5731.4	4835.8	3952.0	3199.3	2395.6	1768.8	1225.4	830.8	535.3	328.9	194.0

Classified

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

Scaled Data Report



REPORT NUMBER: P628020 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	5533.7	4657.4	3831.9	3086.0	2297.0	1715.7	1177.7	804.5	521.0	331.6	195.7
-25°	5306.6	4449.0	3687.3	2930.2	2219.4	1655.8	1128.4	766.8	502.5	330.6	195.1
-27.5°	5049.8	4226.6	3517.2	2759.5	2138.7	1572.1	1081.6	739.3	486.7	326.0	192.2
-30°	4763.4	4017.0	3313.7	2595.5	2040.1	1481.7	1020.5	708.3	479.7	319.9	186.8
-32.5°	4454.6	3780.9	3095.0	2470.5	1927.9	1387.7	966.5	673.4	467.7	312.1	187.1
-35°	4165.0	3524.2	2871.9	2326.2	1808.9	1332.1	930.5	634.6	450.8	301.2	188.1
-37.5°	3854.8	3255.0	2695.1	2175.7	1683.7	1268.2	901.2	617.3	429.0	287.3	187.4
-40°	3556.4	2999.7	2490.6	2032.3	1590.9	1196.3	855.2	597.9	408.0	270.3	184.9
-42.5°	3254.5	2759.6	2294.9	1876.2	1503.5	1126.6	796.3	568.3	391.1	260.6	180.7
-45°	2976.5	2511.7	2086.7	1740.1	1406.3	1037.6	751.0	531.0	370.3	253.6	176.8
-47.5°	2684.3	2259.3	1896.5	1591.1	1279.2	940.8	693.4	501.6	345.3	244.5	174.2
-50°	2382.7	2020.3	1718.5	1427.3	1123.7	860.0	631.8	466.7	336.3	237.3	169.9
-52.5°	2118.9	1810.3	1536.6	1259.0	1006.2	765.6	585.0	429.2	324.5	231.2	163.9
-55°	1891.6	1610.6	1357.3	1121.0	894.4	696.0	532.2	411.3	309.7	223.6	156.5
-57.5°	1690.7	1425.4	1210.1	997.9	801.0	629.1	494.9	390.1	294.3	213.1	150.0
-60°	1495.4	1277.7	1076.5	887.3	713.9	571.3	465.9	365.6	275.9	199.7	142.6
-62.5°	1314.9	1123.2	948.2	777.2	635.8	524.3	432.6	337.1	254.1	183.2	132.9
-65°	1125.6	962.3	814.3	680.0	564.9	469.3	389.6	304.8	225.5	163.1	120.4
-67.5°	928.8	809.0	693.4	581.5	487.5	407.2	340.1	261.9	192.0	140.0	105.7
-70°	773.5	668.0	570.1	482.3	405.6	340.1	278.0	211.7	154.8	119.9	90.0
-72.5°	615.7	529.7	449.5	379.6	324.9	269.3	212.7	162.0	128.4	98.9	73.6
-75°	455.7	397.5	345.3	296.8	247.5	198.8	162.2	128.8	101.1	77.0	62.1
-77.5°	330.7	288.7	250.2	219.5	185.6	153.2	122.4	94.4	76.6	63.9	52.2
-80°	224.7	202.6	181.4	159.8	132.6	106.8	88.3	72.7	61.7	51.5	42.1
-82.5°	141.6	129.8	119.2	108.3	92.5	78.2	65.6	54.9	46.6	38.9	34.2
-85°	83.9	77.6	71.5	65.4	56.6	48.9	45.2	41.8	38.2	34.6	31.0
-87.5°	47.4	46.6	45.9	45.1	42.9	40.8	39.0	37.3	34.1	31.0	27.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	5.4	8.2



REPORT NUMBER: P628020 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	21.8	19.1	16.4	13.6	10.9	10.9	10.9
87.5°	8.1	9.1	10.0	10.5	10.9	10.9	10.9
85°	5.3	7.4	9.0	10.2	10.9	10.9	10.9
82.5°	2.6	5.7	8.1	9.9	10.9	10.9	10.9
80°	0.6	4.0	7.2	9.5	10.9	10.9	10.9
77.5°	3.4	3.6	6.4	9.3	10.9	10.9	10.9
75°	6.1	5.4	6.0	9.0	10.9	10.9	10.9
72.5°	8.7	7.1	6.9	8.8	10.9	10.9	10.9
70°	10.9	8.7	7.8	8.7	10.9	10.9	10.9
67.5°	11.2	10.2	8.7	9.1	10.9	10.9	10.9
65°	11.7	11.3	9.5	9.5	10.9	10.9	10.9
62.5°	12.2	12.1	10.2	9.8	10.9	10.9	10.9
60°	13.0	13.1	10.9	10.1	10.9	10.9	10.9
57.5°	15.5	14.1	11.9	10.3	11.0	10.9	10.9
55°	18.3	15.3	13.0	10.5	11.2	10.9	10.9
52.5°	21.0	16.7	14.2	10.7	11.4	10.9	10.9
50°	23.7	18.9	15.4	10.8	11.6	10.9	10.9
47.5°	26.3	21.1	16.7	11.1	11.9	10.9	10.9
45°	28.8	23.2	18.0	12.1	12.2	10.9	10.9
42.5°	31.3	25.3	19.3	13.2	12.6	10.9	10.9
40°	33.8	27.3	20.8	14.5	13.0	10.9	10.9
37.5°	36.1	29.3	22.4	15.9	13.4	10.9	10.9
35°	38.4	31.2	23.9	17.3	13.9	10.9	10.9
32.5°	40.9	33.0	25.4	18.7	14.4	10.9	10.9
30°	44.1	34.8	26.8	20.1	14.9	10.9	10.9
27.5°	47.4	36.4	28.5	21.4	15.4	10.9	10.9
25°	50.6	38.0	30.2	22.7	16.0	10.9	10.9
22.5°	53.8	39.7	31.8	23.9	16.6	10.9	10.9
20°	56.9	41.7	33.4	25.1	17.2	10.9	10.9
17.5°	60.0	43.6	34.9	26.2	17.8	10.9	10.9
15°	63.0	45.4	36.4	27.3	18.4	10.9	10.9
12.5°	65.8	47.2	37.8	28.4	19.0	10.9	10.9
10°	68.4	48.8	39.1	29.3	19.6	10.9	10.9
7.5°	70.7	50.3	40.3	30.3	20.2	10.9	10.9
5°	72.8	51.8	41.5	31.1	20.8	10.9	10.9
2.5°	74.6	53.2	42.6	32.0	21.3	10.9	10.9
0°	76.2	54.4	43.6	32.7	21.8	10.9	10.9
-2.5°	80.4	55.6	44.5	32.7	21.8	10.9	10.9
-5°	84.3	56.6	45.3	32.6	21.7	10.9	10.9
-7.5°	87.7	57.5	46.0	32.4	21.6	10.9	10.9
-10°	90.5	58.4	46.5	32.2	21.5	10.9	10.9
-12.5°	92.6	59.1	46.8	31.9	21.3	10.9	10.9
-15°	94.0	59.7	47.0	31.6	21.1	10.9	10.9
-17.5°	94.4	60.2	46.9	31.2	20.8	10.9	10.9
-20°	96.9	60.5	46.6	30.7	20.5	10.9	10.9

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REPORT NUMBER: P628020 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	103.1	60.8	46.0	30.2	20.1	10.9	10.9
-25°	108.2	64.8	45.2	29.6	19.8	10.9	10.9
-27.5°	112.1	69.8	44.1	29.0	19.3	10.9	10.9
-30°	114.9	74.2	43.0	28.3	18.9	10.9	10.9
-32.5°	116.3	77.8	44.6	27.6	18.4	10.9	10.9
-35°	119.5	80.6	45.8	26.8	17.9	10.9	10.9
-37.5°	122.7	82.4	46.6	25.9	17.3	10.9	10.9
-40°	124.6	83.1	46.9	25.0	16.7	10.9	10.9
-42.5°	125.2	83.1	47.2	24.5	16.1	10.9	10.9
-45°	124.6	82.5	47.5	24.6	15.4	10.9	10.9
-47.5°	122.7	81.3	47.1	24.5	14.7	10.9	10.9
-50°	120.2	79.4	46.3	24.2	14.0	10.9	10.9
-52.5°	116.8	77.0	44.9	23.7	13.3	10.9	10.9
-55°	112.7	73.8	42.9	23.0	12.5	10.9	10.9
-57.5°	107.7	69.8	40.5	22.2	11.7	10.9	10.9
-60°	101.8	65.0	37.7	21.2	10.9	10.9	10.9
-62.5°	93.5	59.5	35.6	20.1	10.9	10.9	10.9
-65°	84.3	53.3	33.3	18.8	10.9	10.9	10.9
-67.5°	74.1	47.9	30.7	17.3	10.9	10.9	10.9
-70°	63.1	43.5	27.9	15.7	10.9	10.9	10.9
-72.5°	55.7	38.8	24.9	15.4	10.9	10.9	10.9
-75°	48.6	33.8	21.7	15.2	10.9	10.9	10.9
-77.5°	41.0	28.6	20.6	15.1	10.9	10.9	10.9
-80°	33.2	25.7	19.8	14.9	10.9	10.9	10.9
-82.5°	30.0	24.2	19.0	14.6	10.9	10.9	10.9
-85°	27.3	22.5	18.2	14.3	10.9	10.9	10.9
-87.5°	24.6	20.8	17.3	14.0	10.9	10.9	10.9
-90°	10.9	10.9	10.9	10.9	10.9	10.9	10.9

(END OF REPORT)