

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: P627547 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-722-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627547 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5B-722-U-MWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N107
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

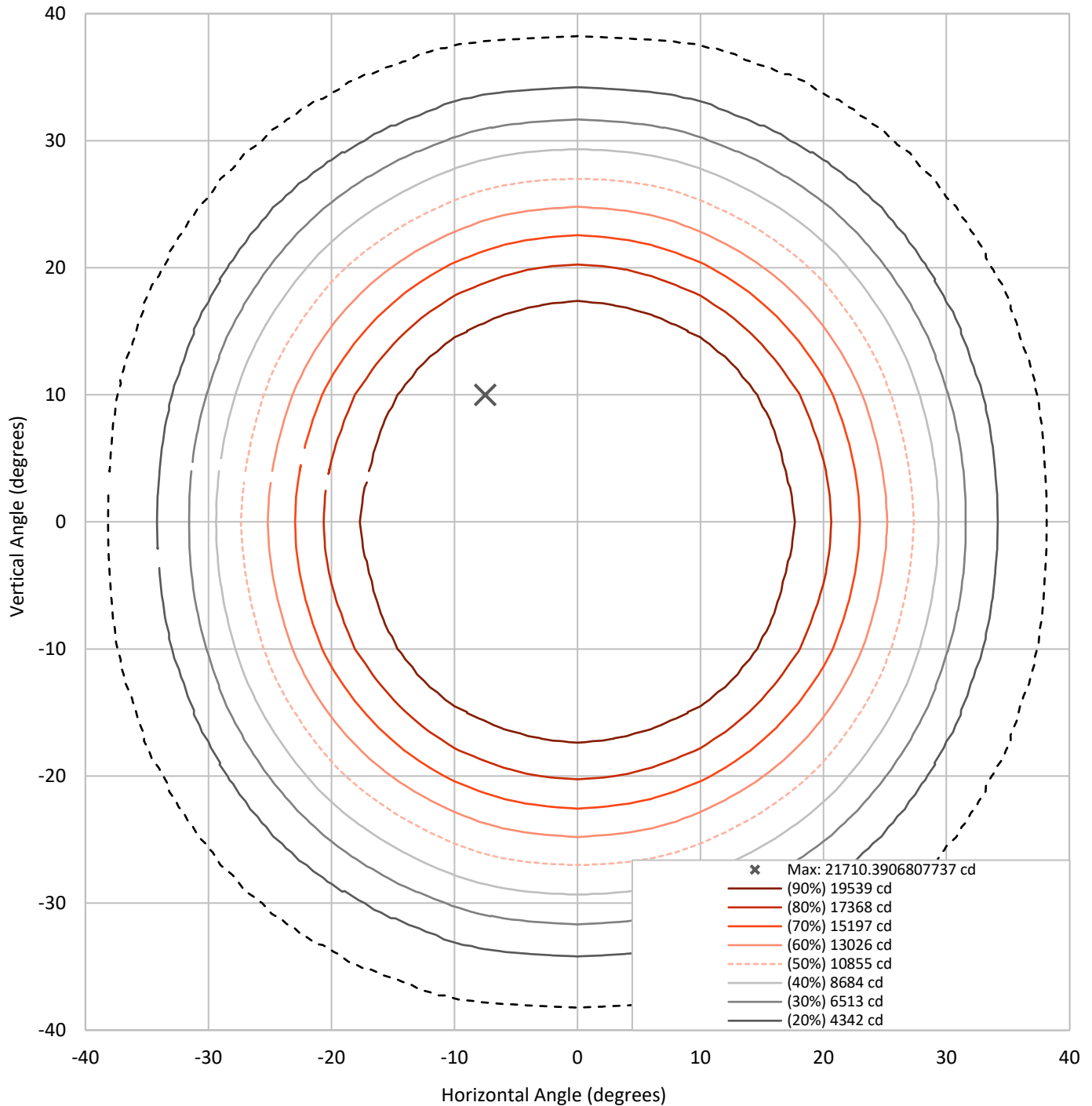
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	18477.6 lumens	Max Intensity:	21710.4 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	116.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	12264.3 lumens	Field Lumens:	15947.2 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	158.7		
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		



REPORT NUMBER: P627547 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





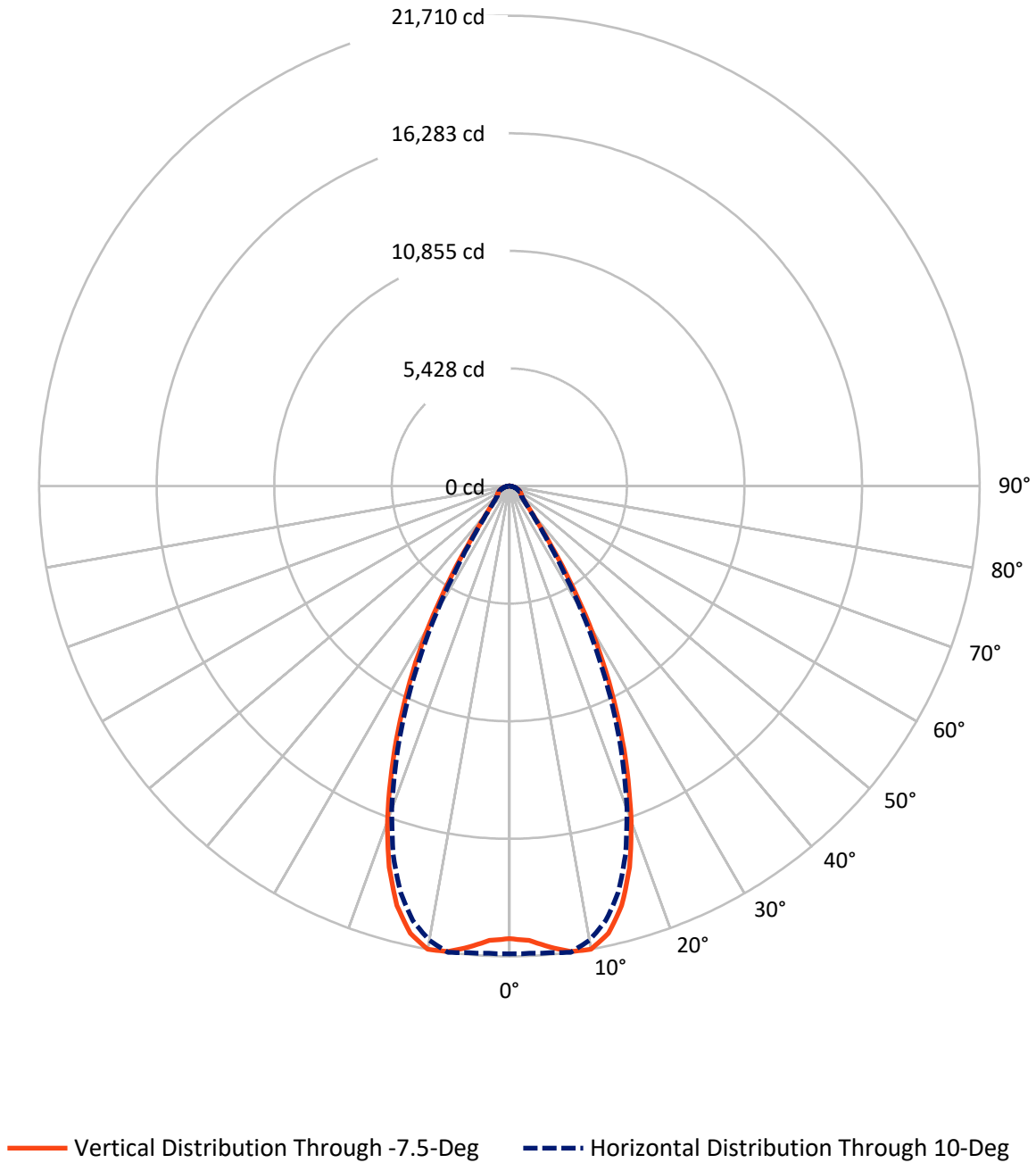
REPORT NUMBER: P627547 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.5		4.3		11.6		18.4		20.5		18.4		11.6		4.3		0.5		
80	0.5		4.3		11.6		18.4		20.5		18.4		11.6		4.3		0.5		
70	2.0	2.2	4.5	7.4	10.4	12.6	14.2	15.0	15.0	14.2	12.6	10.4	7.4	4.5	2.2	2.0			
60		3.3	6.7	10.7	14.2	17.3	19.3	20.1	20.1	19.3	17.3	14.2	10.7	6.7	3.3				
50	3.5	4.3	8.4	12.9	17.3	22.6	28.4	32.6	32.6	28.4	22.6	17.3	12.9	8.4	4.3	3.5			
40		5.1	9.8	14.9	23.0	42.0	80.4	119.1	119.1	80.4	42.0	23.0	14.9	9.8	5.1				
30	4.5	5.7	10.7	17.4	37.8	118.6	266.1	371.6	371.6	266.1	118.6	37.8	17.4	10.7	5.7	4.5			
20		6.1	11.3	20.6	68.4	252.9	482.9	604.4	604.4	482.9	252.9	68.4	20.6	11.3	6.1				
10	4.8	6.3	11.5	23.2	98.5	346.1	585.8	637.4	637.4	585.8	346.1	98.5	23.2	11.5	6.3	4.8			
0		6.3	11.5	23.2	98.5	346.1	585.8	637.4	637.4	585.8	346.1	98.5	23.2	11.5	6.3				
-10	4.5	6.1	11.3	20.6	68.4	252.9	482.9	604.4	604.4	482.9	252.9	68.4	20.6	11.3	6.1	4.5			
-20		5.7	10.7	17.4	37.8	118.6	266.1	371.6	371.6	266.1	118.6	37.8	17.4	10.7	5.7				
-30	3.5	5.1	9.8	14.9	23.0	42.0	80.4	119.1	119.1	80.4	42.0	23.0	14.9	9.8	5.1	3.5			
-40		4.3	8.4	12.9	17.3	22.6	28.4	32.6	32.6	28.4	22.6	17.3	12.9	8.4	4.3				
-50	2.0	3.3	6.7	10.7	14.2	17.3	19.3	20.1	20.1	19.3	17.3	14.2	10.7	6.7	3.3	2.0			
-60		2.2	4.5	7.4	10.4	12.6	14.2	15.0	15.0	14.2	12.6	10.4	7.4	4.5	2.2				
-70	0.5	4.3		11.6		18.4		20.5		18.4		11.6		4.3		0.5			
-80		4.3		11.6		18.4		20.5		18.4		11.6		4.3					
-90	0.5		4.3		11.6		18.4		20.5		18.4		11.6		4.3		0.5		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

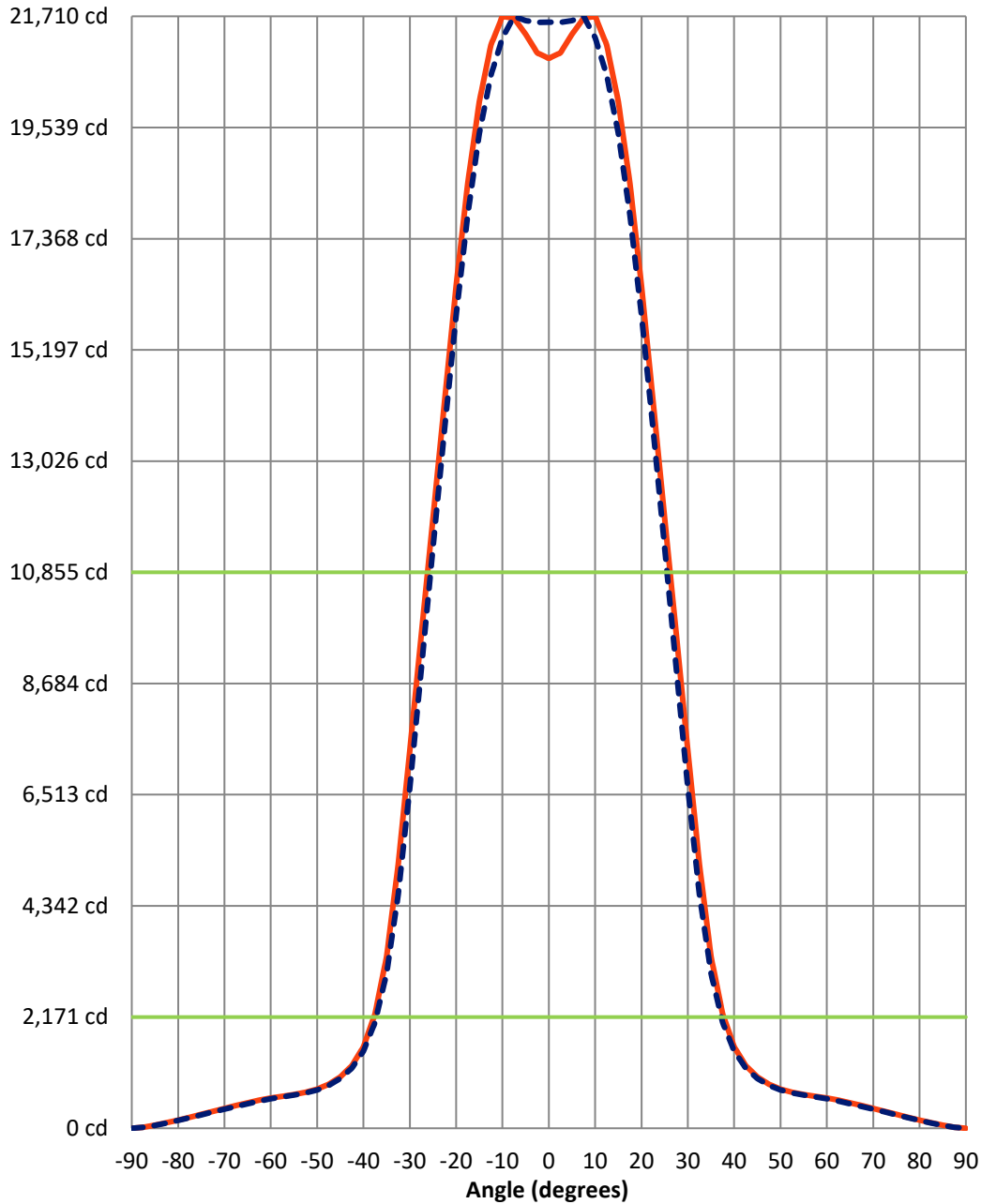
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 12264.3
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 15947.2
 Efficiency: 86.3%

Spill:
 Lumens: 2530.5
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	0.8	1.7	2.5	3.3	4.1	4.9	6.0	7.1	8.4	9.6
85°	0.0	1.7	3.3	5.0	6.6	8.2	9.8	12.0	14.3	16.7	19.2
82.5°	0.0	2.5	5.0	7.4	9.9	12.3	14.7	17.9	21.8	27.5	32.8
80°	0.0	3.3	6.6	9.9	13.1	16.4	20.3	27.9	35.3	42.2	48.7
77.5°	0.0	4.1	8.2	12.3	16.4	22.1	30.9	40.0	48.7	56.9	65.7
75°	0.0	4.9	9.8	14.7	20.3	30.9	41.4	52.0	62.4	74.3	86.1
72.5°	0.0	5.7	11.4	17.1	27.2	39.6	51.8	64.5	78.6	92.6	106.3
70°	0.0	6.5	13.0	20.0	34.1	48.2	62.3	78.6	94.7	110.6	127.3
67.5°	0.0	7.3	14.5	25.1	40.9	56.6	74.2	92.6	110.6	129.2	148.2
65°	0.0	8.0	16.0	30.1	47.6	65.6	85.8	106.3	126.6	147.4	169.5
62.5°	0.0	8.8	17.5	35.0	54.1	74.9	97.2	119.8	142.2	165.8	192.4
60°	0.0	9.5	19.0	39.8	60.5	84.0	108.2	132.9	157.5	185.6	214.7
57.5°	0.0	10.2	22.0	44.4	67.4	92.8	119.3	145.7	174.0	205.0	235.8
55°	0.0	10.9	25.0	49.0	74.2	101.4	130.1	158.2	190.5	223.5	255.9
52.5°	0.0	11.6	27.9	53.4	80.8	109.8	140.7	172.0	206.4	241.2	275.5
50°	0.0	12.2	30.6	57.7	87.1	118.4	151.0	185.5	221.6	258.3	294.5
47.5°	0.0	12.8	33.3	61.9	93.1	126.8	161.2	198.3	236.2	274.7	312.9
45°	0.0	13.4	35.8	66.2	98.9	134.8	171.7	210.7	250.4	290.6	330.5
42.5°	0.0	14.0	38.2	70.3	104.4	142.6	181.7	222.4	263.8	305.7	347.1
40°	0.0	14.6	40.5	74.1	110.0	150.1	191.2	233.5	276.6	320.2	363.2
37.5°	0.0	15.1	42.6	77.7	115.7	157.3	200.1	243.9	288.9	334.2	378.5
35°	0.0	15.6	44.6	81.0	121.0	164.2	208.5	253.7	300.7	347.3	392.9
32.5°	0.0	16.0	46.5	84.2	126.1	170.8	216.4	262.7	311.9	359.4	405.5
30°	0.0	16.5	48.2	87.0	130.9	176.9	223.6	271.3	322.5	370.6	417.3
27.5°	0.0	16.9	49.8	89.7	135.1	182.5	230.3	279.7	332.0	380.9	428.2
25°	0.0	17.2	51.2	92.1	138.9	187.6	236.3	287.5	340.4	389.9	438.2
22.5°	0.0	17.6	52.4	94.3	142.4	192.1	241.7	294.6	347.9	397.9	447.3
20°	0.0	17.9	53.6	96.3	145.5	196.0	246.5	301.0	354.5	405.1	455.3
17.5°	0.0	18.1	54.5	98.0	148.2	199.4	250.8	306.7	360.2	411.4	462.4
15°	0.0	18.4	55.3	99.4	150.5	202.3	254.7	311.9	365.1	416.8	468.4
12.5°	0.0	18.5	56.0	100.6	152.4	204.7	258.1	316.4	369.4	421.2	473.4
10°	0.0	18.7	56.5	101.5	153.9	206.6	260.9	320.1	373.2	425.4	477.7
7.5°	0.0	18.8	56.8	102.2	155.0	207.9	263.1	323.0	376.1	428.8	481.4
5°	0.0	18.9	57.0	102.6	155.7	208.8	264.7	325.1	378.2	431.2	484.1
2.5°	0.0	19.0	57.1	102.7	155.9	209.2	265.7	326.4	379.5	432.6	485.8
0°	0.0	19.0	57.0	102.6	155.8	209.0	266.0	326.8	379.9	433.1	486.3
-2.5°	0.0	19.0	57.1	102.7	155.9	209.2	265.7	326.4	379.5	432.6	485.8
-5°	0.0	18.9	57.0	102.6	155.7	208.8	264.7	325.1	378.2	431.2	484.1
-7.5°	0.0	18.8	56.8	102.2	155.0	207.9	263.1	323.0	376.1	428.8	481.4
-10°	0.0	18.7	56.5	101.5	153.9	206.6	260.9	320.1	373.2	425.4	477.7
-12.5°	0.0	18.5	56.0	100.6	152.4	204.7	258.1	316.4	369.4	421.2	473.4
-15°	0.0	18.4	55.3	99.4	150.5	202.3	254.7	311.9	365.1	416.8	468.4
-17.5°	0.0	18.1	54.5	98.0	148.2	199.4	250.8	306.7	360.2	411.4	462.4
-20°	0.0	17.9	53.6	96.3	145.5	196.0	246.5	301.0	354.5	405.1	455.3

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Scaled Data Report



REPORT NUMBER: P627547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	17.6	52.4	94.3	142.4	192.1	241.7	294.6	347.9	397.9	447.3
-25°	0.0	17.2	51.2	92.1	138.9	187.6	236.3	287.5	340.4	389.9	438.2
-27.5°	0.0	16.9	49.8	89.7	135.1	182.5	230.3	279.7	332.0	380.9	428.2
-30°	0.0	16.5	48.2	87.0	130.9	176.9	223.6	271.3	322.5	370.6	417.3
-32.5°	0.0	16.0	46.5	84.2	126.1	170.8	216.4	262.7	311.9	359.4	405.5
-35°	0.0	15.6	44.6	81.0	121.0	164.2	208.5	253.7	300.7	347.3	392.9
-37.5°	0.0	15.1	42.6	77.7	115.7	157.3	200.1	243.9	288.9	334.2	378.5
-40°	0.0	14.6	40.5	74.1	110.0	150.1	191.2	233.5	276.6	320.2	363.2
-42.5°	0.0	14.0	38.2	70.3	104.4	142.6	181.7	222.4	263.8	305.7	347.1
-45°	0.0	13.4	35.8	66.2	98.9	134.8	171.7	210.7	250.4	290.6	330.5
-47.5°	0.0	12.8	33.3	61.9	93.1	126.8	161.2	198.3	236.2	274.7	312.9
-50°	0.0	12.2	30.6	57.7	87.1	118.4	151.0	185.5	221.6	258.3	294.5
-52.5°	0.0	11.6	27.9	53.4	80.8	109.8	140.7	172.0	206.4	241.2	275.5
-55°	0.0	10.9	25.0	49.0	74.2	101.4	130.1	158.2	190.5	223.5	255.9
-57.5°	0.0	10.2	22.0	44.4	67.4	92.8	119.3	145.7	174.0	205.0	235.8
-60°	0.0	9.5	19.0	39.8	60.5	84.0	108.2	132.9	157.5	185.6	214.7
-62.5°	0.0	8.8	17.5	35.0	54.1	74.9	97.2	119.8	142.2	165.8	192.4
-65°	0.0	8.0	16.0	30.1	47.6	65.6	85.8	106.3	126.6	147.4	169.5
-67.5°	0.0	7.3	14.5	25.1	40.9	56.6	74.2	92.6	110.6	129.2	148.2
-70°	0.0	6.5	13.0	20.0	34.1	48.2	62.3	78.6	94.7	110.6	127.3
-72.5°	0.0	5.7	11.4	17.1	27.2	39.6	51.8	64.5	78.6	92.6	106.3
-75°	0.0	4.9	9.8	14.7	20.3	30.9	41.4	52.0	62.4	74.3	86.1
-77.5°	0.0	4.1	8.2	12.3	16.4	22.1	30.9	40.0	48.7	56.9	65.7
-80°	0.0	3.3	6.6	9.9	13.1	16.4	20.3	27.9	35.3	42.2	48.7
-82.5°	0.0	2.5	5.0	7.4	9.9	12.3	14.7	17.9	21.8	27.5	32.8
-85°	0.0	1.7	3.3	5.0	6.6	8.2	9.8	12.0	14.3	16.7	19.2
-87.5°	0.0	0.8	1.7	2.5	3.3	4.1	4.9	6.0	7.1	8.4	9.6
-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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CATALOG NUMBER: GFLD-SA5B-722-U-MWR-XX

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°	10.5	11.4	12.2	13.1	13.9	14.7	15.4	16.1	16.8	17.5	18.1
85°	21.0	22.8	25.8	28.9	31.9	34.7	37.4	40.1	42.6	45.0	47.3
82.5°	37.7	42.6	47.6	52.7	57.2	61.5	65.7	70.0	74.3	78.6	82.9
80°	55.4	62.3	70.1	77.6	84.1	90.3	96.3	102.0	108.3	115.0	121.8
77.5°	75.9	85.6	94.8	103.4	111.7	120.8	129.5	137.9	146.7	155.3	163.6
75°	97.8	109.0	120.7	132.3	143.5	154.4	165.0	175.8	186.8	197.7	208.0
72.5°	120.4	134.6	148.5	162.0	175.9	189.5	202.6	215.3	228.4	241.7	254.4
70°	144.0	160.1	177.2	193.7	209.4	225.3	241.3	256.8	271.9	287.3	302.6
67.5°	167.7	188.0	207.2	225.5	244.0	262.7	280.8	299.3	317.2	335.1	352.3
65°	193.8	216.0	237.0	258.0	279.0	300.9	322.3	342.9	363.6	383.7	401.7
62.5°	219.4	243.0	266.3	290.1	315.1	339.8	363.1	386.7	410.8	431.8	450.1
60°	243.0	269.2	295.2	322.3	350.0	376.5	402.6	428.3	454.2	478.4	493.3
57.5°	265.7	294.7	323.5	352.7	381.9	411.4	438.9	467.2	491.3	511.6	528.9
55°	287.9	319.3	350.0	380.7	412.1	443.0	472.9	499.8	523.3	540.3	557.0
52.5°	309.5	342.6	374.3	407.4	440.9	473.7	504.9	529.8	549.1	566.5	582.1
50°	330.4	364.0	397.5	433.4	468.8	503.5	532.9	554.7	574.3	591.2	607.6
47.5°	349.9	385.0	420.8	458.6	495.8	529.4	556.4	579.2	599.2	617.5	636.8
45°	368.8	406.0	443.9	482.9	520.9	553.3	579.3	603.9	622.7	643.3	665.5
42.5°	387.0	426.2	465.9	506.2	544.6	574.8	600.8	623.4	645.4	669.9	696.6
40°	404.4	445.2	486.6	528.6	566.9	593.7	619.2	643.1	669.9	698.9	729.9
37.5°	420.8	463.1	506.1	549.7	583.3	610.9	637.0	663.6	694.8	728.4	770.5
35°	436.0	479.8	524.2	566.0	598.0	627.3	654.3	684.0	720.4	764.3	818.3
32.5°	450.1	495.2	540.9	579.3	611.5	642.0	669.7	706.8	750.5	802.8	879.1
30°	463.2	509.3	555.2	592.3	623.8	654.3	688.1	729.8	781.0	857.3	955.0
27.5°	475.3	522.1	566.4	603.1	634.7	666.2	705.7	756.3	823.7	914.7	1036.2
25°	486.4	534.3	577.1	612.2	644.8	679.8	722.7	779.6	868.1	985.8	1149.8
22.5°	496.4	545.4	587.4	620.1	654.3	692.2	742.2	813.4	915.5	1052.9	1264.5
20°	505.4	553.8	595.1	627.5	663.1	702.4	759.7	845.5	968.6	1146.5	1416.6
17.5°	513.3	561.1	600.8	634.6	671.6	714.1	776.6	873.3	1015.8	1228.1	1570.5
15°	520.0	567.3	605.7	640.7	679.0	727.4	800.2	909.6	1070.6	1313.1	1704.5
12.5°	525.6	572.5	609.7	645.7	685.2	738.5	820.4	943.9	1127.5	1417.5	1902.0
10°	530.0	576.5	612.7	649.5	689.9	747.4	836.8	971.9	1174.6	1507.9	2070.5
7.5°	534.1	579.5	614.8	652.3	693.4	754.1	849.3	993.5	1210.8	1578.9	2203.9
5°	537.1	581.3	616.0	653.8	696.2	758.4	857.8	1008.5	1235.7	1629.6	2297.7
2.5°	538.9	581.9	616.2	654.2	698.4	760.4	862.2	1016.8	1255.3	1653.6	2348.1
0°	539.5	581.3	615.5	653.5	699.1	759.9	862.5	1018.3	1265.2	1652.8	2355.7
-2.5°	538.9	581.9	616.2	654.2	698.4	760.4	862.2	1016.8	1255.3	1653.6	2348.1
-5°	537.1	581.3	616.0	653.8	696.2	758.4	857.8	1008.5	1235.7	1629.6	2297.7
-7.5°	534.1	579.5	614.8	652.3	693.4	754.1	849.3	993.5	1210.8	1578.9	2203.9
-10°	530.0	576.5	612.7	649.5	689.9	747.4	836.8	971.9	1174.6	1507.9	2070.5
-12.5°	525.6	572.5	609.7	645.7	685.2	738.5	820.4	943.9	1127.5	1417.5	1902.0
-15°	520.0	567.3	605.7	640.7	679.0	727.4	800.2	909.6	1070.6	1313.1	1704.5
-17.5°	513.3	561.1	600.8	634.6	671.6	714.1	776.6	873.3	1015.8	1228.1	1570.5
-20°	505.4	553.8	595.1	627.5	663.1	702.4	759.7	845.5	968.6	1146.5	1416.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	496.4	545.4	587.4	620.1	654.3	692.2	742.2	813.4	915.5	1052.9	1264.5
-25°	486.4	534.3	577.1	612.2	644.8	679.8	722.7	779.6	868.1	985.8	1149.8
-27.5°	475.3	522.1	566.4	603.1	634.7	666.2	705.7	756.3	823.7	914.7	1036.2
-30°	463.2	509.3	555.2	592.3	623.8	654.3	688.1	729.8	781.0	857.3	955.0
-32.5°	450.1	495.2	540.9	579.3	611.5	642.0	669.7	706.8	750.5	802.8	879.1
-35°	436.0	479.8	524.2	566.0	598.0	627.3	654.3	684.0	720.4	764.3	818.3
-37.5°	420.8	463.1	506.1	549.7	583.3	610.9	637.0	663.6	694.8	728.4	770.5
-40°	404.4	445.2	486.6	528.6	566.9	593.7	619.2	643.1	669.9	698.9	729.9
-42.5°	387.0	426.2	465.9	506.2	544.6	574.8	600.8	623.4	645.4	669.9	696.6
-45°	368.8	406.0	443.9	482.9	520.9	553.3	579.3	603.9	622.7	643.3	665.5
-47.5°	349.9	385.0	420.8	458.6	495.8	529.4	556.4	579.2	599.2	617.5	636.8
-50°	330.4	364.0	397.5	433.4	468.8	503.5	532.9	554.7	574.3	591.2	607.6
-52.5°	309.5	342.6	374.3	407.4	440.9	473.7	504.9	529.8	549.1	566.5	582.1
-55°	287.9	319.3	350.0	380.7	412.1	443.0	472.9	499.8	523.3	540.3	557.0
-57.5°	265.7	294.7	323.5	352.7	381.9	411.4	438.9	467.2	491.3	511.6	528.9
-60°	243.0	269.2	295.2	322.3	350.0	376.5	402.6	428.3	454.2	478.4	493.3
-62.5°	219.4	243.0	266.3	290.1	315.1	339.8	363.1	386.7	410.8	431.8	450.1
-65°	193.8	216.0	237.0	258.0	279.0	300.9	322.3	342.9	363.6	383.7	401.7
-67.5°	167.7	188.0	207.2	225.5	244.0	262.7	280.8	299.3	317.2	335.1	352.3
-70°	144.0	160.1	177.2	193.7	209.4	225.3	241.3	256.8	271.9	287.3	302.6
-72.5°	120.4	134.6	148.5	162.0	175.9	189.5	202.6	215.3	228.4	241.7	254.4
-75°	97.8	109.0	120.7	132.3	143.5	154.4	165.0	175.8	186.8	197.7	208.0
-77.5°	75.9	85.6	94.8	103.4	111.7	120.8	129.5	137.9	146.7	155.3	163.6
-80°	55.4	62.3	70.1	77.6	84.1	90.3	96.3	102.0	108.3	115.0	121.8
-82.5°	37.7	42.6	47.6	52.7	57.2	61.5	65.7	70.0	74.3	78.6	82.9
-85°	21.0	22.8	25.8	28.9	31.9	34.7	37.4	40.1	42.6	45.0	47.3
-87.5°	10.5	11.4	12.2	13.1	13.9	14.7	15.4	16.1	16.8	17.5	18.1
-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: P627547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-MWR-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°	18.7	18.4	18.1	17.7	17.2	18.4	19.6	20.8	22.0	21.3	20.6
85°	49.5	50.6	51.5	52.3	53.0	55.3	57.6	59.7	61.7	61.7	61.4
82.5°	87.0	89.8	92.2	94.4	96.3	99.1	101.6	103.7	105.5	106.9	108.0
80°	128.3	132.8	136.7	140.2	143.4	147.1	150.4	153.5	156.1	157.5	158.4
77.5°	171.8	178.4	184.4	190.1	195.4	200.7	205.6	209.9	213.7	214.6	214.4
75°	217.9	226.8	235.2	243.0	250.1	256.3	261.5	265.9	269.4	271.2	272.2
72.5°	266.5	277.5	287.3	296.2	303.8	310.2	315.7	320.4	324.5	327.0	328.5
70°	317.2	330.2	340.3	348.6	355.1	361.4	368.5	375.2	381.5	385.1	386.4
67.5°	368.0	381.4	390.7	398.2	404.2	410.4	419.3	427.4	434.5	439.3	442.4
65°	417.6	431.8	441.1	448.4	453.9	460.1	470.1	478.0	484.1	488.9	493.2
62.5°	466.8	481.1	491.4	500.1	508.1	514.9	523.1	529.8	535.0	539.7	545.1
60°	509.3	526.3	537.2	545.9	555.8	566.5	572.5	577.5	581.9	585.7	589.0
57.5°	544.1	559.2	573.2	583.8	594.0	604.0	611.1	615.8	619.6	622.4	623.6
55°	573.2	588.8	604.4	615.9	626.0	635.3	643.0	649.2	654.3	658.2	659.2
52.5°	599.3	616.8	632.1	645.3	658.7	669.6	678.2	686.5	693.8	699.7	702.2
50°	627.7	646.0	665.1	682.8	697.0	709.5	719.9	731.7	744.1	754.4	760.8
47.5°	657.5	678.7	701.7	723.5	740.4	758.9	776.1	793.6	816.7	836.0	850.4
45°	688.7	715.9	742.2	769.8	793.1	828.1	860.5	888.3	925.3	958.8	985.5
42.5°	725.6	759.4	791.7	836.0	882.4	930.0	981.6	1025.5	1083.3	1142.2	1189.7
40°	769.2	812.5	869.3	928.8	1002.0	1067.6	1156.5	1235.7	1324.4	1436.6	1529.3
37.5°	821.8	888.4	967.5	1050.4	1164.6	1273.6	1420.6	1575.5	1716.1	1931.9	2113.4
35°	890.1	983.2	1087.3	1234.0	1395.6	1600.0	1829.3	2128.5	2385.1	2749.0	3096.8
32.5°	978.1	1097.7	1267.7	1494.3	1733.1	2104.2	2468.1	2987.6	3468.6	4045.4	4668.0
30°	1075.9	1258.0	1517.9	1828.6	2274.1	2820.1	3461.4	4259.3	5132.5	5943.2	6742.2
27.5°	1217.8	1478.7	1820.1	2321.4	3015.8	3779.6	4903.3	5986.4	7116.4	8120.9	8958.7
25°	1383.4	1728.3	2256.1	2994.3	3933.4	5241.3	6586.5	7923.2	9138.5	10190.1	11115.7
22.5°	1597.3	2093.3	2796.9	3753.1	5215.4	6783.0	8360.5	9834.9	11131.2	12302.2	13304.2
20°	1829.9	2450.6	3455.4	4881.2	6553.5	8339.5	10120.6	11691.2	13118.5	14446.3	15575.6
17.5°	2124.8	2994.0	4266.4	5976.9	7910.3	9867.0	11738.2	13442.6	15062.0	16467.0	17646.9
15°	2376.1	3472.5	5133.2	7139.3	9230.5	11294.6	13270.1	15121.5	16805.1	18246.7	19355.9
12.5°	2711.2	4008.8	5902.8	8138.6	10404.7	12576.6	14657.5	16571.0	18284.3	19710.0	20573.5
10°	3028.0	4564.1	6646.6	8978.3	11332.6	13646.7	15868.5	17830.9	19421.7	20555.8	21291.7
7.5°	3297.4	5041.3	7251.7	9656.9	12069.8	14489.2	16738.2	18647.6	20114.4	21061.5	21573.8
5°	3498.5	5398.0	7700.9	10208.4	12684.4	15146.3	17377.7	19170.2	20437.9	21141.5	21398.7
2.5°	3626.7	5607.5	7961.5	10570.3	13095.7	15562.0	17816.3	19580.7	20656.4	21122.7	21167.0
0°	3677.9	5634.6	8001.7	10760.1	13199.4	15680.4	17941.1	19749.7	20737.6	21121.3	21113.7
-2.5°	3626.7	5607.5	7961.5	10570.3	13095.7	15562.0	17816.3	19580.7	20656.4	21122.7	21167.0
-5°	3498.5	5398.0	7700.9	10208.4	12684.4	15146.3	17377.7	19170.2	20437.9	21141.5	21398.7
-7.5°	3297.4	5041.3	7251.7	9656.9	12069.8	14489.2	16738.2	18647.6	20114.4	21061.5	21573.8
-10°	3028.0	4564.1	6646.6	8978.3	11332.6	13646.7	15868.5	17830.9	19421.7	20555.8	21291.7
-12.5°	2711.2	4008.8	5902.8	8138.6	10404.7	12576.6	14657.5	16571.0	18284.3	19710.0	20573.5
-15°	2376.1	3472.5	5133.2	7139.3	9230.5	11294.6	13270.1	15121.5	16805.1	18246.7	19355.9
-17.5°	2124.8	2994.0	4266.4	5976.9	7910.3	9867.0	11738.2	13442.6	15062.0	16467.0	17646.9
-20°	1829.9	2450.6	3455.4	4881.2	6553.5	8339.5	10120.6	11691.2	13118.5	14446.3	15575.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1597.3	2093.3	2796.9	3753.1	5215.4	6783.0	8360.5	9834.9	11131.2	12302.2	13304.2
-25°	1383.4	1728.3	2256.1	2994.3	3933.4	5241.3	6586.5	7923.2	9138.5	10190.1	11115.7
-27.5°	1217.8	1478.7	1820.1	2321.4	3015.8	3779.6	4903.3	5986.4	7116.4	8120.9	8958.7
-30°	1075.9	1258.0	1517.9	1828.6	2274.1	2820.1	3461.4	4259.3	5132.5	5943.2	6742.2
-32.5°	978.1	1097.7	1267.7	1494.3	1733.1	2104.2	2468.1	2987.6	3468.6	4045.4	4668.0
-35°	890.1	983.2	1087.3	1234.0	1395.6	1600.0	1829.3	2128.5	2385.1	2749.0	3096.8
-37.5°	821.8	888.4	967.5	1050.4	1164.6	1273.6	1420.6	1575.5	1716.1	1931.9	2113.4
-40°	769.2	812.5	869.3	928.8	1002.0	1067.6	1156.5	1235.7	1324.4	1436.6	1529.3
-42.5°	725.6	759.4	791.7	836.0	882.4	930.0	981.6	1025.5	1083.3	1142.2	1189.7
-45°	688.7	715.9	742.2	769.8	793.1	828.1	860.5	888.3	925.3	958.8	985.5
-47.5°	657.5	678.7	701.7	723.5	740.4	758.9	776.1	793.6	816.7	836.0	850.4
-50°	627.7	646.0	665.1	682.8	697.0	709.5	719.9	731.7	744.1	754.4	760.8
-52.5°	599.3	616.8	632.1	645.3	658.7	669.6	678.2	686.5	693.8	699.7	702.2
-55°	573.2	588.8	604.4	615.9	626.0	635.3	643.0	649.2	654.3	658.2	659.2
-57.5°	544.1	559.2	573.2	583.8	594.0	604.0	611.1	615.8	619.6	622.4	623.6
-60°	509.3	526.3	537.2	545.9	555.8	566.5	572.5	577.5	581.9	585.7	589.0
-62.5°	466.8	481.1	491.4	500.1	508.1	514.9	523.1	529.8	535.0	539.7	545.1
-65°	417.6	431.8	441.1	448.4	453.9	460.1	470.1	478.0	484.1	488.9	493.2
-67.5°	368.0	381.4	390.7	398.2	404.2	410.4	419.3	427.4	434.5	439.3	442.4
-70°	317.2	330.2	340.3	348.6	355.1	361.4	368.5	375.2	381.5	385.1	386.4
-72.5°	266.5	277.5	287.3	296.2	303.8	310.2	315.7	320.4	324.5	327.0	328.5
-75°	217.9	226.8	235.2	243.0	250.1	256.3	261.5	265.9	269.4	271.2	272.2
-77.5°	171.8	178.4	184.4	190.1	195.4	200.7	205.6	209.9	213.7	214.6	214.4
-80°	128.3	132.8	136.7	140.2	143.4	147.1	150.4	153.5	156.1	157.5	158.4
-82.5°	87.0	89.8	92.2	94.4	96.3	99.1	101.6	103.7	105.5	106.9	108.0
-85°	49.5	50.6	51.5	52.3	53.0	55.3	57.6	59.7	61.7	61.7	61.4
-87.5°	18.7	18.4	18.1	17.7	17.2	18.4	19.6	20.8	22.0	21.3	20.6
-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: P627547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-MWR-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°	19.8	18.9	19.0	19.0	19.0	18.9	19.8	20.6	21.3	22.0	20.8
85°	61.0	60.5	58.8	57.0	58.8	60.5	61.0	61.4	61.7	61.7	59.7
82.5°	109.0	109.6	108.2	106.4	108.2	109.6	109.0	108.0	106.9	105.5	103.7
80°	158.9	158.9	157.5	155.8	157.5	158.9	158.9	158.4	157.5	156.1	153.5
77.5°	213.5	211.9	212.5	212.8	212.5	211.9	213.5	214.4	214.6	213.7	209.9
75°	272.6	272.3	271.4	269.8	271.4	272.3	272.6	272.2	271.2	269.4	265.9
72.5°	329.3	329.2	328.4	326.8	328.4	329.2	329.3	328.5	327.0	324.5	320.4
70°	386.8	386.1	387.0	387.5	387.0	386.1	386.8	386.4	385.1	381.5	375.2
67.5°	444.7	446.3	446.0	444.5	446.0	446.3	444.7	442.4	439.3	434.5	427.4
65°	496.8	499.3	500.9	501.5	500.9	499.3	496.8	493.2	488.9	484.1	478.0
62.5°	549.3	552.3	552.5	550.9	552.5	552.3	549.3	545.1	539.7	535.0	529.8
60°	590.9	591.3	590.6	588.9	590.6	591.3	590.9	589.0	585.7	581.9	577.5
57.5°	623.5	622.4	621.1	619.3	621.1	622.4	623.5	623.6	622.4	619.6	615.8
55°	658.7	656.9	655.3	653.5	655.3	656.9	658.7	659.2	658.2	654.3	649.2
52.5°	702.8	701.8	700.7	699.1	700.7	701.8	702.8	702.2	699.7	693.8	686.5
50°	764.1	765.1	765.0	763.7	765.0	765.1	764.1	760.8	754.4	744.1	731.7
47.5°	859.5	864.6	868.0	870.1	868.0	864.6	859.5	850.4	836.0	816.7	793.6
45°	1002.6	1012.7	1019.9	1025.9	1019.9	1012.7	1002.6	985.5	958.8	925.3	888.3
42.5°	1223.1	1245.8	1256.5	1253.8	1256.5	1245.8	1223.1	1189.7	1142.2	1083.3	1025.5
40°	1591.0	1627.7	1648.0	1664.2	1648.0	1627.7	1591.0	1529.3	1436.6	1324.4	1235.7
37.5°	2237.3	2308.4	2345.9	2378.5	2345.9	2308.4	2237.3	2113.4	1931.9	1716.1	1575.5
35°	3356.7	3516.8	3602.5	3632.3	3602.5	3516.8	3356.7	3096.8	2749.0	2385.1	2128.5
32.5°	5152.4	5447.7	5611.0	5737.2	5611.0	5447.7	5152.4	4668.0	4045.4	3468.6	2987.6
30°	7374.8	7763.8	7979.8	8085.3	7979.8	7763.8	7374.8	6742.2	5943.2	5132.5	4259.3
27.5°	9653.1	10095.3	10328.2	10315.6	10328.2	10095.3	9653.1	8958.7	8120.9	7116.4	5986.4
25°	11909.2	12421.4	12653.6	12861.2	12653.6	12421.4	11909.2	11115.7	10190.1	9138.5	7923.2
22.5°	14191.1	14790.1	15116.9	15270.1	15116.9	14790.1	14191.1	13304.2	12302.2	11131.2	9834.9
20°	16445.9	17112.6	17459.6	17610.6	17459.6	17112.6	16445.9	15575.6	14446.3	13118.5	11691.2
17.5°	18445.6	19096.5	19427.1	19567.3	19427.1	19096.5	18445.6	17646.9	16467.0	15062.0	13442.6
15°	20042.4	20522.4	20803.6	20878.1	20803.6	20522.4	20042.4	19355.9	18246.7	16805.1	15121.5
12.5°	21146.1	21332.1	21467.3	21508.8	21467.3	21332.1	21146.1	20573.5	19710.0	18284.3	16571.0
10°	21710.4	21626.5	21591.8	21596.2	21591.8	21626.5	21710.4	21291.7	20555.8	19421.7	17830.9
7.5°	21671.6	21547.4	21297.8	21258.1	21297.8	21547.4	21671.6	21573.8	21061.5	20114.4	18647.6
5°	21360.2	21134.0	20719.9	20600.8	20719.9	21134.0	21360.2	21398.7	21141.5	20437.9	19170.2
2.5°	20997.3	20589.6	20208.0	19962.5	20208.0	20589.6	20997.3	21167.0	21122.7	20656.4	19580.7
0°	20889.5	20418.4	19924.5	19764.9	19924.5	20418.4	20889.5	21113.7	21121.3	20737.6	19749.7
-2.5°	20997.3	20589.6	20208.0	19962.5	20208.0	20589.6	20997.3	21167.0	21122.7	20656.4	19580.7
-5°	21360.2	21134.0	20719.9	20600.8	20719.9	21134.0	21360.2	21398.7	21141.5	20437.9	19170.2
-7.5°	21671.6	21547.4	21297.8	21258.1	21297.8	21547.4	21671.6	21573.8	21061.5	20114.4	18647.6
-10°	21710.4	21626.5	21591.8	21596.2	21591.8	21626.5	21710.4	21291.7	20555.8	19421.7	17830.9
-12.5°	21146.1	21332.1	21467.3	21508.8	21467.3	21332.1	21146.1	20573.5	19710.0	18284.3	16571.0
-15°	20042.4	20522.4	20803.6	20878.1	20803.6	20522.4	20042.4	19355.9	18246.7	16805.1	15121.5
-17.5°	18445.6	19096.5	19427.1	19567.3	19427.1	19096.5	18445.6	17646.9	16467.0	15062.0	13442.6
-20°	16445.9	17112.6	17459.6	17610.6	17459.6	17112.6	16445.9	15575.6	14446.3	13118.5	11691.2



REPORT NUMBER: P627547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14191.1	14790.1	15116.9	15270.1	15116.9	14790.1	14191.1	13304.2	12302.2	11131.2	9834.9
-25°	11909.2	12421.4	12653.6	12861.2	12653.6	12421.4	11909.2	11115.7	10190.1	9138.5	7923.2
-27.5°	9653.1	10095.3	10328.2	10315.6	10328.2	10095.3	9653.1	8958.7	8120.9	7116.4	5986.4
-30°	7374.8	7763.8	7979.8	8085.3	7979.8	7763.8	7374.8	6742.2	5943.2	5132.5	4259.3
-32.5°	5152.4	5447.7	5611.0	5737.2	5611.0	5447.7	5152.4	4668.0	4045.4	3468.6	2987.6
-35°	3356.7	3516.8	3602.5	3632.3	3602.5	3516.8	3356.7	3096.8	2749.0	2385.1	2128.5
-37.5°	2237.3	2308.4	2345.9	2378.5	2345.9	2308.4	2237.3	2113.4	1931.9	1716.1	1575.5
-40°	1591.0	1627.7	1648.0	1664.2	1648.0	1627.7	1591.0	1529.3	1436.6	1324.4	1235.7
-42.5°	1223.1	1245.8	1256.5	1253.8	1256.5	1245.8	1223.1	1189.7	1142.2	1083.3	1025.5
-45°	1002.6	1012.7	1019.9	1025.9	1019.9	1012.7	1002.6	985.5	958.8	925.3	888.3
-47.5°	859.5	864.6	868.0	870.1	868.0	864.6	859.5	850.4	836.0	816.7	793.6
-50°	764.1	765.1	765.0	763.7	765.0	765.1	764.1	760.8	754.4	744.1	731.7
-52.5°	702.8	701.8	700.7	699.1	700.7	701.8	702.8	702.2	699.7	693.8	686.5
-55°	658.7	656.9	655.3	653.5	655.3	656.9	658.7	659.2	658.2	654.3	649.2
-57.5°	623.5	622.4	621.1	619.3	621.1	622.4	623.5	623.6	622.4	619.6	615.8
-60°	590.9	591.3	590.6	588.9	590.6	591.3	590.9	589.0	585.7	581.9	577.5
-62.5°	549.3	552.3	552.5	550.9	552.5	552.3	549.3	545.1	539.7	535.0	529.8
-65°	496.8	499.3	500.9	501.5	500.9	499.3	496.8	493.2	488.9	484.1	478.0
-67.5°	444.7	446.3	446.0	444.5	446.0	446.3	444.7	442.4	439.3	434.5	427.4
-70°	386.8	386.1	387.0	387.5	387.0	386.1	386.8	386.4	385.1	381.5	375.2
-72.5°	329.3	329.2	328.4	326.8	328.4	329.2	329.3	328.5	327.0	324.5	320.4
-75°	272.6	272.3	271.4	269.8	271.4	272.3	272.6	272.2	271.2	269.4	265.9
-77.5°	213.5	211.9	212.5	212.8	212.5	211.9	213.5	214.4	214.6	213.7	209.9
-80°	158.9	158.9	157.5	155.8	157.5	158.9	158.9	158.4	157.5	156.1	153.5
-82.5°	109.0	109.6	108.2	106.4	108.2	109.6	109.0	108.0	106.9	105.5	103.7
-85°	61.0	60.5	58.8	57.0	58.8	60.5	61.0	61.4	61.7	61.7	59.7
-87.5°	19.8	18.9	19.0	19.0	19.0	18.9	19.8	20.6	21.3	22.0	20.8
-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: P627547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-U-MWR-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°	19.6	18.4	17.2	17.7	18.1	18.4	18.7	18.1	17.5	16.8	16.1
85°	57.6	55.3	53.0	52.3	51.5	50.6	49.5	47.3	45.0	42.6	40.1
82.5°	101.6	99.1	96.3	94.4	92.2	89.8	87.0	82.9	78.6	74.3	70.0
80°	150.4	147.1	143.4	140.2	136.7	132.8	128.3	121.8	115.0	108.3	102.0
77.5°	205.6	200.7	195.4	190.1	184.4	178.4	171.8	163.6	155.3	146.7	137.9
75°	261.5	256.3	250.1	243.0	235.2	226.8	217.9	208.0	197.7	186.8	175.8
72.5°	315.7	310.2	303.8	296.2	287.3	277.5	266.5	254.4	241.7	228.4	215.3
70°	368.5	361.4	355.1	348.6	340.3	330.2	317.2	302.6	287.3	271.9	256.8
67.5°	419.3	410.4	404.2	398.2	390.7	381.4	368.0	352.3	335.1	317.2	299.3
65°	470.1	460.1	453.9	448.4	441.1	431.8	417.6	401.7	383.7	363.6	342.9
62.5°	523.1	514.9	508.1	500.1	491.4	481.1	466.8	450.1	431.8	410.8	386.7
60°	572.5	566.5	555.8	545.9	537.2	526.3	509.3	493.3	478.4	454.2	428.3
57.5°	611.1	604.0	594.0	583.8	573.2	559.2	544.1	528.9	511.6	491.3	467.2
55°	643.0	635.3	626.0	615.9	604.4	588.8	573.2	557.0	540.3	523.3	499.8
52.5°	678.2	669.6	658.7	645.3	632.1	616.8	599.3	582.1	566.5	549.1	529.8
50°	719.9	709.5	697.0	682.8	665.1	646.0	627.7	607.6	591.2	574.3	554.7
47.5°	776.1	758.9	740.4	723.5	701.7	678.7	657.5	636.8	617.5	599.2	579.2
45°	860.5	828.1	793.1	769.8	742.2	715.9	688.7	665.5	643.3	622.7	603.9
42.5°	981.6	930.0	882.4	836.0	791.7	759.4	725.6	696.6	669.9	645.4	623.4
40°	1156.5	1067.6	1002.0	928.8	869.3	812.5	769.2	729.9	698.9	669.9	643.1
37.5°	1420.6	1273.6	1164.6	1050.4	967.5	888.4	821.8	770.5	728.4	694.8	663.6
35°	1829.3	1600.0	1395.6	1234.0	1087.3	983.2	890.1	818.3	764.3	720.4	684.0
32.5°	2468.1	2104.2	1733.1	1494.3	1267.7	1097.7	978.1	879.1	802.8	750.5	706.8
30°	3461.4	2820.1	2274.1	1828.6	1517.9	1258.0	1075.9	955.0	857.3	781.0	729.8
27.5°	4903.3	3779.6	3015.8	2321.4	1820.1	1478.7	1217.8	1036.2	914.7	823.7	756.3
25°	6586.5	5241.3	3933.4	2994.3	2256.1	1728.3	1383.4	1149.8	985.8	868.1	779.6
22.5°	8360.5	6783.0	5215.4	3753.1	2796.9	2093.3	1597.3	1264.5	1052.9	915.5	813.4
20°	10120.6	8339.5	6553.5	4881.2	3455.4	2450.6	1829.9	1416.6	1146.5	968.6	845.5
17.5°	11738.2	9867.0	7910.3	5976.9	4266.4	2994.0	2124.8	1570.5	1228.1	1015.8	873.3
15°	13270.1	11294.6	9230.5	7139.3	5133.2	3472.5	2376.1	1704.5	1313.1	1070.6	909.6
12.5°	14657.5	12576.6	10404.7	8138.6	5902.8	4008.8	2711.2	1902.0	1417.5	1127.5	943.9
10°	15868.5	13646.7	11332.6	8978.3	6646.6	4564.1	3028.0	2070.5	1507.9	1174.6	971.9
7.5°	16738.2	14489.2	12069.8	9656.9	7251.7	5041.3	3297.4	2203.9	1578.9	1210.8	993.5
5°	17377.7	15146.3	12684.4	10208.4	7700.9	5398.0	3498.5	2297.7	1629.6	1235.7	1008.5
2.5°	17816.3	15562.0	13095.7	10570.3	7961.5	5607.5	3626.7	2348.1	1653.6	1255.3	1016.8
0°	17941.1	15680.4	13199.4	10760.1	8001.7	5634.6	3677.9	2355.7	1652.8	1265.2	1018.3
-2.5°	17816.3	15562.0	13095.7	10570.3	7961.5	5607.5	3626.7	2348.1	1653.6	1255.3	1016.8
-5°	17377.7	15146.3	12684.4	10208.4	7700.9	5398.0	3498.5	2297.7	1629.6	1235.7	1008.5
-7.5°	16738.2	14489.2	12069.8	9656.9	7251.7	5041.3	3297.4	2203.9	1578.9	1210.8	993.5
-10°	15868.5	13646.7	11332.6	8978.3	6646.6	4564.1	3028.0	2070.5	1507.9	1174.6	971.9
-12.5°	14657.5	12576.6	10404.7	8138.6	5902.8	4008.8	2711.2	1902.0	1417.5	1127.5	943.9
-15°	13270.1	11294.6	9230.5	7139.3	5133.2	3472.5	2376.1	1704.5	1313.1	1070.6	909.6
-17.5°	11738.2	9867.0	7910.3	5976.9	4266.4	2994.0	2124.8	1570.5	1228.1	1015.8	873.3
-20°	10120.6	8339.5	6553.5	4881.2	3455.4	2450.6	1829.9	1416.6	1146.5	968.6	845.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8360.5	6783.0	5215.4	3753.1	2796.9	2093.3	1597.3	1264.5	1052.9	915.5	813.4
-25°	6586.5	5241.3	3933.4	2994.3	2256.1	1728.3	1383.4	1149.8	985.8	868.1	779.6
-27.5°	4903.3	3779.6	3015.8	2321.4	1820.1	1478.7	1217.8	1036.2	914.7	823.7	756.3
-30°	3461.4	2820.1	2274.1	1828.6	1517.9	1258.0	1075.9	955.0	857.3	781.0	729.8
-32.5°	2468.1	2104.2	1733.1	1494.3	1267.7	1097.7	978.1	879.1	802.8	750.5	706.8
-35°	1829.3	1600.0	1395.6	1234.0	1087.3	983.2	890.1	818.3	764.3	720.4	684.0
-37.5°	1420.6	1273.6	1164.6	1050.4	967.5	888.4	821.8	770.5	728.4	694.8	663.6
-40°	1156.5	1067.6	1002.0	928.8	869.3	812.5	769.2	729.9	698.9	669.9	643.1
-42.5°	981.6	930.0	882.4	836.0	791.7	759.4	725.6	696.6	669.9	645.4	623.4
-45°	860.5	828.1	793.1	769.8	742.2	715.9	688.7	665.5	643.3	622.7	603.9
-47.5°	776.1	758.9	740.4	723.5	701.7	678.7	657.5	636.8	617.5	599.2	579.2
-50°	719.9	709.5	697.0	682.8	665.1	646.0	627.7	607.6	591.2	574.3	554.7
-52.5°	678.2	669.6	658.7	645.3	632.1	616.8	599.3	582.1	566.5	549.1	529.8
-55°	643.0	635.3	626.0	615.9	604.4	588.8	573.2	557.0	540.3	523.3	499.8
-57.5°	611.1	604.0	594.0	583.8	573.2	559.2	544.1	528.9	511.6	491.3	467.2
-60°	572.5	566.5	555.8	545.9	537.2	526.3	509.3	493.3	478.4	454.2	428.3
-62.5°	523.1	514.9	508.1	500.1	491.4	481.1	466.8	450.1	431.8	410.8	386.7
-65°	470.1	460.1	453.9	448.4	441.1	431.8	417.6	401.7	383.7	363.6	342.9
-67.5°	419.3	410.4	404.2	398.2	390.7	381.4	368.0	352.3	335.1	317.2	299.3
-70°	368.5	361.4	355.1	348.6	340.3	330.2	317.2	302.6	287.3	271.9	256.8
-72.5°	315.7	310.2	303.8	296.2	287.3	277.5	266.5	254.4	241.7	228.4	215.3
-75°	261.5	256.3	250.1	243.0	235.2	226.8	217.9	208.0	197.7	186.8	175.8
-77.5°	205.6	200.7	195.4	190.1	184.4	178.4	171.8	163.6	155.3	146.7	137.9
-80°	150.4	147.1	143.4	140.2	136.7	132.8	128.3	121.8	115.0	108.3	102.0
-82.5°	101.6	99.1	96.3	94.4	92.2	89.8	87.0	82.9	78.6	74.3	70.0
-85°	57.6	55.3	53.0	52.3	51.5	50.6	49.5	47.3	45.0	42.6	40.1
-87.5°	19.6	18.4	17.2	17.7	18.1	18.4	18.7	18.1	17.5	16.8	16.1
-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: P627547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-MWR-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°	15.4	14.7	13.9	13.1	12.2	11.4	10.5	9.6	8.4	7.1	6.0
85°	37.4	34.7	31.9	28.9	25.8	22.8	21.0	19.2	16.7	14.3	12.0
82.5°	65.7	61.5	57.2	52.7	47.6	42.6	37.7	32.8	27.5	21.8	17.9
80°	96.3	90.3	84.1	77.6	70.1	62.3	55.4	48.7	42.2	35.3	27.9
77.5°	129.5	120.8	111.7	103.4	94.8	85.6	75.9	65.7	56.9	48.7	40.0
75°	165.0	154.4	143.5	132.3	120.7	109.0	97.8	86.1	74.3	62.4	52.0
72.5°	202.6	189.5	175.9	162.0	148.5	134.6	120.4	106.3	92.6	78.6	64.5
70°	241.3	225.3	209.4	193.7	177.2	160.1	144.0	127.3	110.6	94.7	78.6
67.5°	280.8	262.7	244.0	225.5	207.2	188.0	167.7	148.2	129.2	110.6	92.6
65°	322.3	300.9	279.0	258.0	237.0	216.0	193.8	169.5	147.4	126.6	106.3
62.5°	363.1	339.8	315.1	290.1	266.3	243.0	219.4	192.4	165.8	142.2	119.8
60°	402.6	376.5	350.0	322.3	295.2	269.2	243.0	214.7	185.6	157.5	132.9
57.5°	438.9	411.4	381.9	352.7	323.5	294.7	265.7	235.8	205.0	174.0	145.7
55°	472.9	443.0	412.1	380.7	350.0	319.3	287.9	255.9	223.5	190.5	158.2
52.5°	504.9	473.7	440.9	407.4	374.3	342.6	309.5	275.5	241.2	206.4	172.0
50°	532.9	503.5	468.8	433.4	397.5	364.0	330.4	294.5	258.3	221.6	185.5
47.5°	556.4	529.4	495.8	458.6	420.8	385.0	349.9	312.9	274.7	236.2	198.3
45°	579.3	553.3	520.9	482.9	443.9	406.0	368.8	330.5	290.6	250.4	210.7
42.5°	600.8	574.8	544.6	506.2	465.9	426.2	387.0	347.1	305.7	263.8	222.4
40°	619.2	593.7	566.9	528.6	486.6	445.2	404.4	363.2	320.2	276.6	233.5
37.5°	637.0	610.9	583.3	549.7	506.1	463.1	420.8	378.5	334.2	288.9	243.9
35°	654.3	627.3	598.0	566.0	524.2	479.8	436.0	392.9	347.3	300.7	253.7
32.5°	669.7	642.0	611.5	579.3	540.9	495.2	450.1	405.5	359.4	311.9	262.7
30°	688.1	654.3	623.8	592.3	555.2	509.3	463.2	417.3	370.6	322.5	271.3
27.5°	705.7	666.2	634.7	603.1	566.4	522.1	475.3	428.2	380.9	332.0	279.7
25°	722.7	679.8	644.8	612.2	577.1	534.3	486.4	438.2	389.9	340.4	287.5
22.5°	742.2	692.2	654.3	620.1	587.4	545.4	496.4	447.3	397.9	347.9	294.6
20°	759.7	702.4	663.1	627.5	595.1	553.8	505.4	455.3	405.1	354.5	301.0
17.5°	776.6	714.1	671.6	634.6	600.8	561.1	513.3	462.4	411.4	360.2	306.7
15°	800.2	727.4	679.0	640.7	605.7	567.3	520.0	468.4	416.8	365.1	311.9
12.5°	820.4	738.5	685.2	645.7	609.7	572.5	525.6	473.4	421.2	369.4	316.4
10°	836.8	747.4	689.9	649.5	612.7	576.5	530.0	477.7	425.4	373.2	320.1
7.5°	849.3	754.1	693.4	652.3	614.8	579.5	534.1	481.4	428.8	376.1	323.0
5°	857.8	758.4	696.2	653.8	616.0	581.3	537.1	484.1	431.2	378.2	325.1
2.5°	862.2	760.4	698.4	654.2	616.2	581.9	538.9	485.8	432.6	379.5	326.4
0°	862.5	759.9	699.1	653.5	615.5	581.3	539.5	486.3	433.1	379.9	326.8
-2.5°	862.2	760.4	698.4	654.2	616.2	581.9	538.9	485.8	432.6	379.5	326.4
-5°	857.8	758.4	696.2	653.8	616.0	581.3	537.1	484.1	431.2	378.2	325.1
-7.5°	849.3	754.1	693.4	652.3	614.8	579.5	534.1	481.4	428.8	376.1	323.0
-10°	836.8	747.4	689.9	649.5	612.7	576.5	530.0	477.7	425.4	373.2	320.1
-12.5°	820.4	738.5	685.2	645.7	609.7	572.5	525.6	473.4	421.2	369.4	316.4
-15°	800.2	727.4	679.0	640.7	605.7	567.3	520.0	468.4	416.8	365.1	311.9
-17.5°	776.6	714.1	671.6	634.6	600.8	561.1	513.3	462.4	411.4	360.2	306.7
-20°	759.7	702.4	663.1	627.5	595.1	553.8	505.4	455.3	405.1	354.5	301.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	742.2	692.2	654.3	620.1	587.4	545.4	496.4	447.3	397.9	347.9	294.6
-25°	722.7	679.8	644.8	612.2	577.1	534.3	486.4	438.2	389.9	340.4	287.5
-27.5°	705.7	666.2	634.7	603.1	566.4	522.1	475.3	428.2	380.9	332.0	279.7
-30°	688.1	654.3	623.8	592.3	555.2	509.3	463.2	417.3	370.6	322.5	271.3
-32.5°	669.7	642.0	611.5	579.3	540.9	495.2	450.1	405.5	359.4	311.9	262.7
-35°	654.3	627.3	598.0	566.0	524.2	479.8	436.0	392.9	347.3	300.7	253.7
-37.5°	637.0	610.9	583.3	549.7	506.1	463.1	420.8	378.5	334.2	288.9	243.9
-40°	619.2	593.7	566.9	528.6	486.6	445.2	404.4	363.2	320.2	276.6	233.5
-42.5°	600.8	574.8	544.6	506.2	465.9	426.2	387.0	347.1	305.7	263.8	222.4
-45°	579.3	553.3	520.9	482.9	443.9	406.0	368.8	330.5	290.6	250.4	210.7
-47.5°	556.4	529.4	495.8	458.6	420.8	385.0	349.9	312.9	274.7	236.2	198.3
-50°	532.9	503.5	468.8	433.4	397.5	364.0	330.4	294.5	258.3	221.6	185.5
-52.5°	504.9	473.7	440.9	407.4	374.3	342.6	309.5	275.5	241.2	206.4	172.0
-55°	472.9	443.0	412.1	380.7	350.0	319.3	287.9	255.9	223.5	190.5	158.2
-57.5°	438.9	411.4	381.9	352.7	323.5	294.7	265.7	235.8	205.0	174.0	145.7
-60°	402.6	376.5	350.0	322.3	295.2	269.2	243.0	214.7	185.6	157.5	132.9
-62.5°	363.1	339.8	315.1	290.1	266.3	243.0	219.4	192.4	165.8	142.2	119.8
-65°	322.3	300.9	279.0	258.0	237.0	216.0	193.8	169.5	147.4	126.6	106.3
-67.5°	280.8	262.7	244.0	225.5	207.2	188.0	167.7	148.2	129.2	110.6	92.6
-70°	241.3	225.3	209.4	193.7	177.2	160.1	144.0	127.3	110.6	94.7	78.6
-72.5°	202.6	189.5	175.9	162.0	148.5	134.6	120.4	106.3	92.6	78.6	64.5
-75°	165.0	154.4	143.5	132.3	120.7	109.0	97.8	86.1	74.3	62.4	52.0
-77.5°	129.5	120.8	111.7	103.4	94.8	85.6	75.9	65.7	56.9	48.7	40.0
-80°	96.3	90.3	84.1	77.6	70.1	62.3	55.4	48.7	42.2	35.3	27.9
-82.5°	65.7	61.5	57.2	52.7	47.6	42.6	37.7	32.8	27.5	21.8	17.9
-85°	37.4	34.7	31.9	28.9	25.8	22.8	21.0	19.2	16.7	14.3	12.0
-87.5°	15.4	14.7	13.9	13.1	12.2	11.4	10.5	9.6	8.4	7.1	6.0
-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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Scaled Data Report



REPORT NUMBER: P627547 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-MWR-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°	4.9	4.1	3.3	2.5	1.7	0.8	0.0
85°	9.8	8.2	6.6	5.0	3.3	1.7	0.0
82.5°	14.7	12.3	9.9	7.4	5.0	2.5	0.0
80°	20.3	16.4	13.1	9.9	6.6	3.3	0.0
77.5°	30.9	22.1	16.4	12.3	8.2	4.1	0.0
75°	41.4	30.9	20.3	14.7	9.8	4.9	0.0
72.5°	51.8	39.6	27.2	17.1	11.4	5.7	0.0
70°	62.3	48.2	34.1	20.0	13.0	6.5	0.0
67.5°	74.2	56.6	40.9	25.1	14.5	7.3	0.0
65°	85.8	65.6	47.6	30.1	16.0	8.0	0.0
62.5°	97.2	74.9	54.1	35.0	17.5	8.8	0.0
60°	108.2	84.0	60.5	39.8	19.0	9.5	0.0
57.5°	119.3	92.8	67.4	44.4	22.0	10.2	0.0
55°	130.1	101.4	74.2	49.0	25.0	10.9	0.0
52.5°	140.7	109.8	80.8	53.4	27.9	11.6	0.0
50°	151.0	118.4	87.1	57.7	30.6	12.2	0.0
47.5°	161.2	126.8	93.1	61.9	33.3	12.8	0.0
45°	171.7	134.8	98.9	66.2	35.8	13.4	0.0
42.5°	181.7	142.6	104.4	70.3	38.2	14.0	0.0
40°	191.2	150.1	110.0	74.1	40.5	14.6	0.0
37.5°	200.1	157.3	115.7	77.7	42.6	15.1	0.0
35°	208.5	164.2	121.0	81.0	44.6	15.6	0.0
32.5°	216.4	170.8	126.1	84.2	46.5	16.0	0.0
30°	223.6	176.9	130.9	87.0	48.2	16.5	0.0
27.5°	230.3	182.5	135.1	89.7	49.8	16.9	0.0
25°	236.3	187.6	138.9	92.1	51.2	17.2	0.0
22.5°	241.7	192.1	142.4	94.3	52.4	17.6	0.0
20°	246.5	196.0	145.5	96.3	53.6	17.9	0.0
17.5°	250.8	199.4	148.2	98.0	54.5	18.1	0.0
15°	254.7	202.3	150.5	99.4	55.3	18.4	0.0
12.5°	258.1	204.7	152.4	100.6	56.0	18.5	0.0
10°	260.9	206.6	153.9	101.5	56.5	18.7	0.0
7.5°	263.1	207.9	155.0	102.2	56.8	18.8	0.0
5°	264.7	208.8	155.7	102.6	57.0	18.9	0.0
2.5°	265.7	209.2	155.9	102.7	57.1	19.0	0.0
0°	266.0	209.0	155.8	102.6	57.0	19.0	0.0
-2.5°	265.7	209.2	155.9	102.7	57.1	19.0	0.0
-5°	264.7	208.8	155.7	102.6	57.0	18.9	0.0
-7.5°	263.1	207.9	155.0	102.2	56.8	18.8	0.0
-10°	260.9	206.6	153.9	101.5	56.5	18.7	0.0
-12.5°	258.1	204.7	152.4	100.6	56.0	18.5	0.0
-15°	254.7	202.3	150.5	99.4	55.3	18.4	0.0
-17.5°	250.8	199.4	148.2	98.0	54.5	18.1	0.0
-20°	246.5	196.0	145.5	96.3	53.6	17.9	0.0

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CATALOG NUMBER: GFLD-SA5B-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	241.7	192.1	142.4	94.3	52.4	17.6	0.0
-25°	236.3	187.6	138.9	92.1	51.2	17.2	0.0
-27.5°	230.3	182.5	135.1	89.7	49.8	16.9	0.0
-30°	223.6	176.9	130.9	87.0	48.2	16.5	0.0
-32.5°	216.4	170.8	126.1	84.2	46.5	16.0	0.0
-35°	208.5	164.2	121.0	81.0	44.6	15.6	0.0
-37.5°	200.1	157.3	115.7	77.7	42.6	15.1	0.0
-40°	191.2	150.1	110.0	74.1	40.5	14.6	0.0
-42.5°	181.7	142.6	104.4	70.3	38.2	14.0	0.0
-45°	171.7	134.8	98.9	66.2	35.8	13.4	0.0
-47.5°	161.2	126.8	93.1	61.9	33.3	12.8	0.0
-50°	151.0	118.4	87.1	57.7	30.6	12.2	0.0
-52.5°	140.7	109.8	80.8	53.4	27.9	11.6	0.0
-55°	130.1	101.4	74.2	49.0	25.0	10.9	0.0
-57.5°	119.3	92.8	67.4	44.4	22.0	10.2	0.0
-60°	108.2	84.0	60.5	39.8	19.0	9.5	0.0
-62.5°	97.2	74.9	54.1	35.0	17.5	8.8	0.0
-65°	85.8	65.6	47.6	30.1	16.0	8.0	0.0
-67.5°	74.2	56.6	40.9	25.1	14.5	7.3	0.0
-70°	62.3	48.2	34.1	20.0	13.0	6.5	0.0
-72.5°	51.8	39.6	27.2	17.1	11.4	5.7	0.0
-75°	41.4	30.9	20.3	14.7	9.8	4.9	0.0
-77.5°	30.9	22.1	16.4	12.3	8.2	4.1	0.0
-80°	20.3	16.4	13.1	9.9	6.6	3.3	0.0
-82.5°	14.7	12.3	9.9	7.4	5.0	2.5	0.0
-85°	9.8	8.2	6.6	5.0	3.3	1.7	0.0
-87.5°	4.9	4.1	3.3	2.5	1.7	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)