

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: P626716 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-727-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626716 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-16)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1D-727-U-MWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5427.3 lumens
Efficiency: N/A
Efficacy: 94.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 7603.6 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 3635.2 lumens
Beam Efficiency: 67.0%

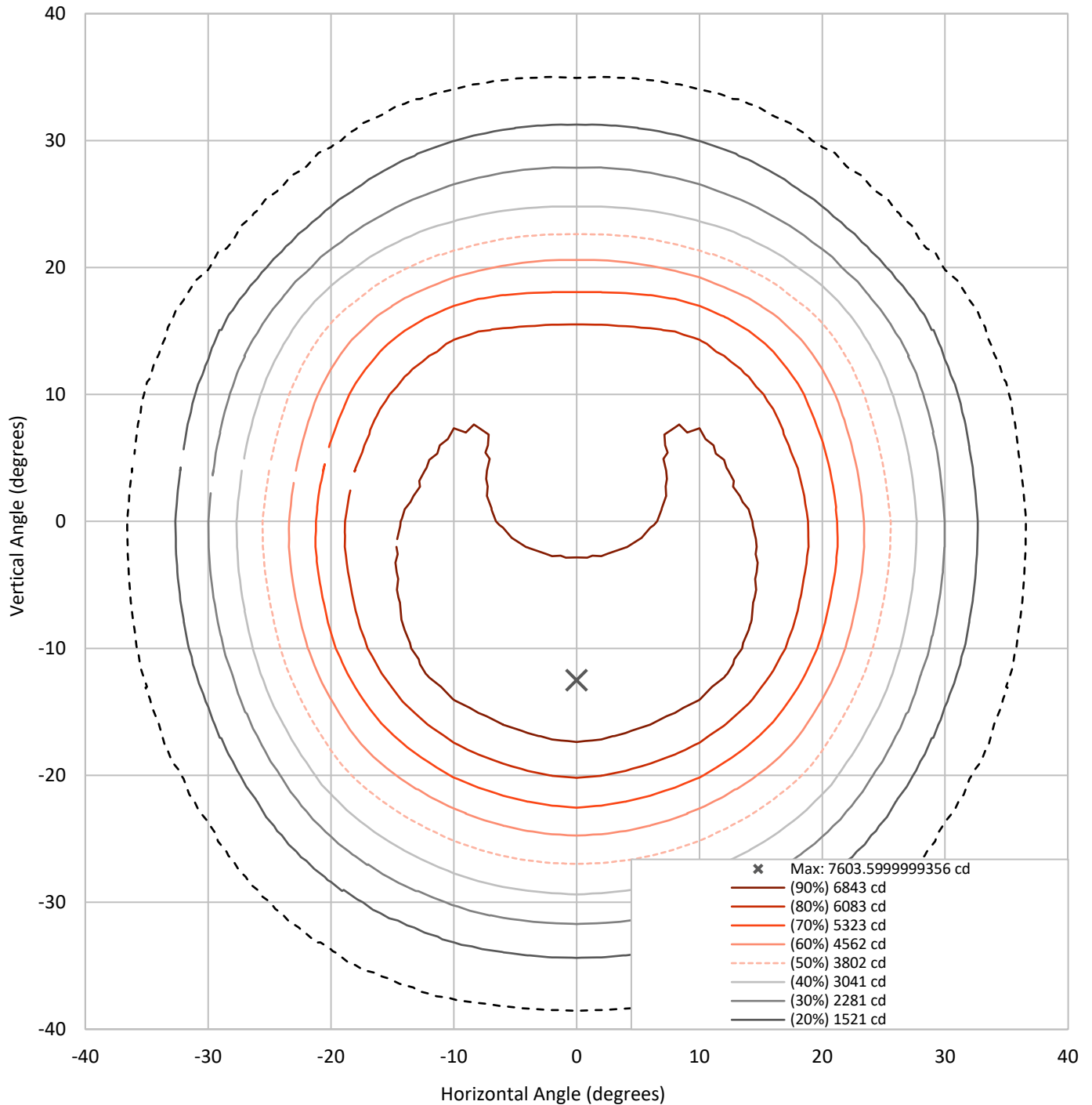
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 4891.9 lumens
Field Efficiency: 90.1%

Input Watts (W): 57.3
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: P626716 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-727-U-MWR-VSR-XX

Iso-Candela Plot





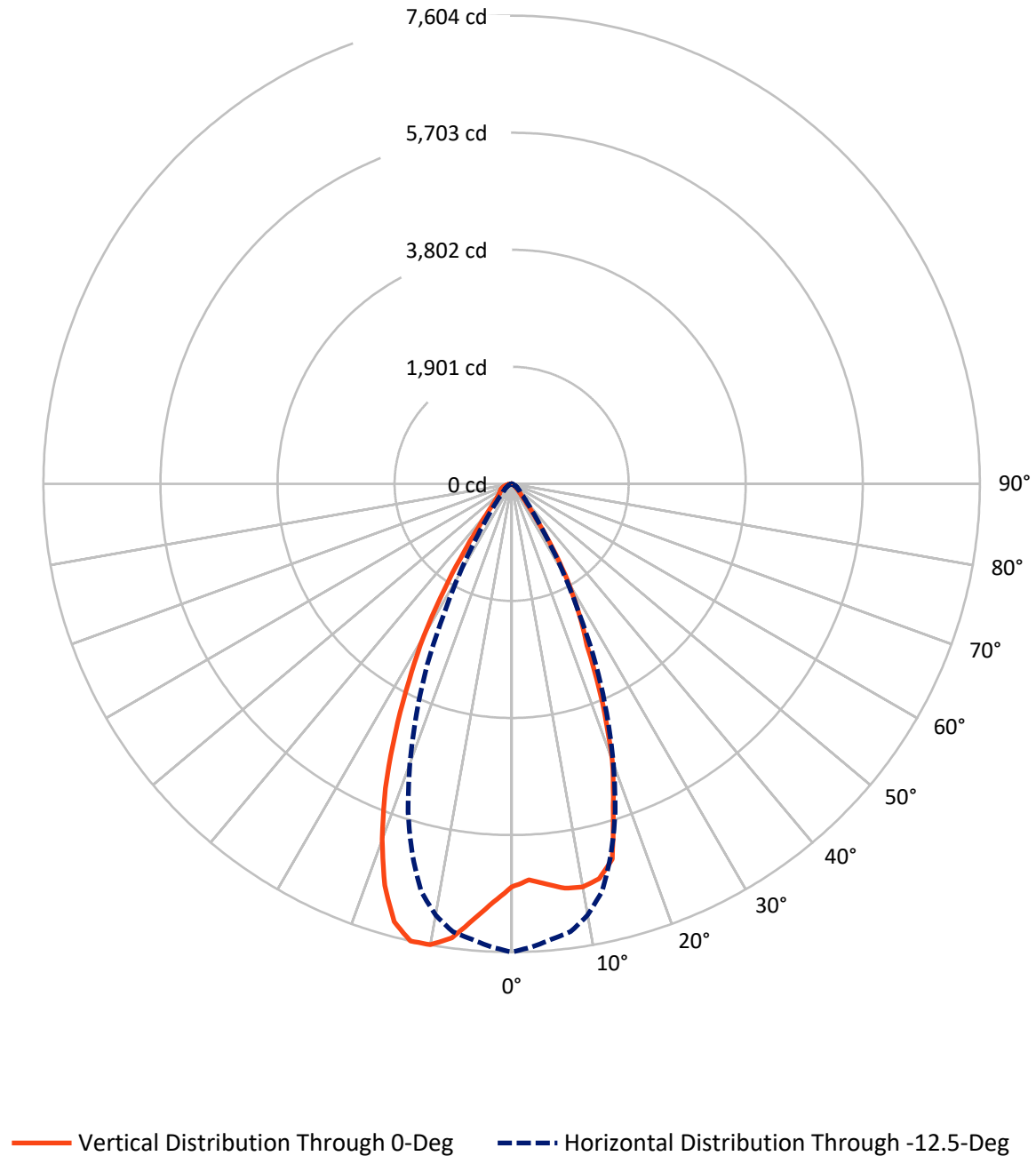
REPORT NUMBER: P626716 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.0	0.2	0.4	0.7	1.0	1.2	1.2	1.0	0.7	0.4	0.2	0.0		0.0			
40	0.0	0.0	0.2	0.8	1.5	2.5	3.7	4.6	4.6	3.7	2.5	1.5	0.8	0.2	0.0	0.0			
30		0.1	0.6	1.6	3.3	7.0	16.0	24.5	24.5	16.0	7.0	3.3	1.6	0.6	0.1				
20	0.1	0.2	1.0	2.5	6.8	25.2	65.0	90.8	90.8	65.0	25.2	6.8	2.5	1.0	0.2	0.1			
10		0.4	1.4	3.9	16.2	70.1	146.2	181.0	181.0	146.2	70.1	16.2	3.9	1.4	0.4				
0	0.1	0.5	1.8	5.1	25.8	103.2	188.4	204.3	204.3	188.4	103.2	25.8	5.1	1.8	0.5	0.1			
-10		0.6	1.9	5.4	27.0	106.6	195.2	216.8	216.8	195.2	106.6	27.0	5.4	1.9	0.6				
-20	0.2	0.6	2.0	4.9	19.3	79.3	164.7	210.3	210.3	164.7	79.3	19.3	4.9	2.0	0.6	0.2			
-30		0.6	1.9	4.1	10.8	38.5	91.8	129.1	129.1	91.8	38.5	10.8	4.1	1.9	0.6				
-40	0.1	0.5	1.7	3.4	6.4	13.7	28.7	42.5	42.5	28.7	13.7	6.4	3.4	1.7	0.5	0.1			
-50		0.4	1.4	2.8	4.7	7.0	9.8	11.6	11.6	9.8	7.0	4.7	2.8	1.4	0.4				
-60	0.1	0.3	1.1	2.2	3.7	5.1	6.4	7.0	7.0	6.4	5.1	3.7	2.2	1.1	0.3	0.1			
-70		0.2	0.7	1.5	2.6	3.7	4.6	5.2	5.2	4.6	3.7	2.6	1.5	0.7	0.2				
-80	0.0	0.6	2.7	5.8	7.5	5.8	2.7	0.6	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

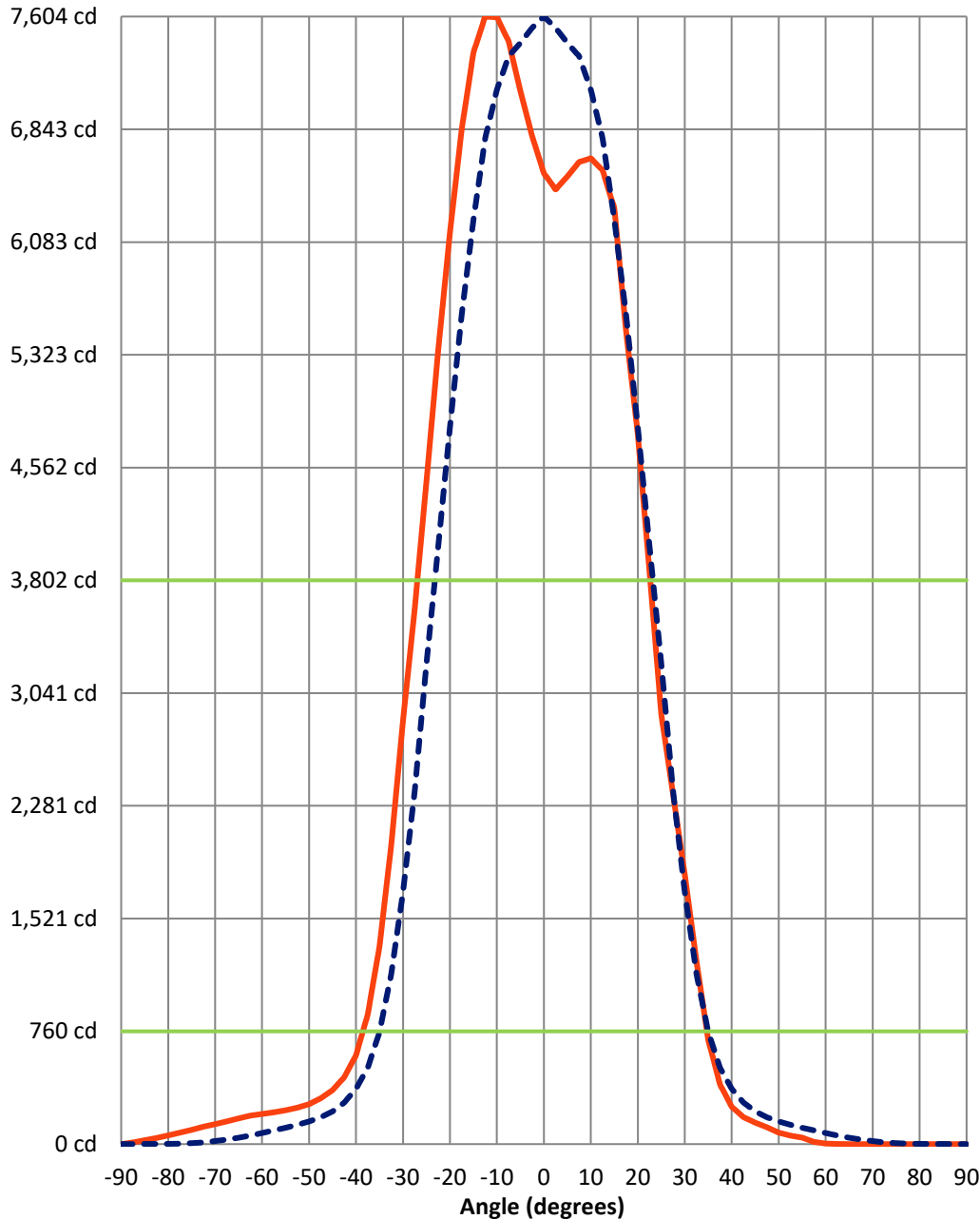
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 3635.2
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 4891.9
 Efficiency: 90.1%

Spill:
 Lumens: 535.4
 Efficiency: 9.9%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through -12.5-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°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	1	0	0	0	1	1	1
60°	0	0	0	1	1	0	0	1	1	1	1
57.5°	0	0	0	1	1	1	0	1	1	1	1
55°	0	0	0	1	1	1	1	1	1	1	1
52.5°	0	0	0	1	1	1	1	1	1	1	1
50°	0	0	0	1	1	1	1	1	1	1	1
47.5°	0	0	0	1	1	1	1	1	1	1	2
45°	0	0	0	1	1	1	1	1	1	2	2
42.5°	0	0	1	1	1	1	1	2	1	2	2
40°	0	0	1	1	1	1	2	2	2	2	3
37.5°	0	0	1	1	1	1	2	2	2	3	3
35°	0	0	1	1	1	1	2	2	2	4	5
32.5°	0	0	1	1	1	1	2	2	3	4	7
30°	0	0	1	1	1	2	2	2	3	5	10
27.5°	0	0	1	1	1	2	2	2	4	7	12
25°	0	0	1	1	1	2	2	3	5	8	15
22.5°	0	0	1	1	1	2	2	3	6	10	17
20°	0	0	1	1	1	2	2	4	7	12	20
17.5°	0	0	1	1	1	2	3	4	8	13	22
15°	0	0	1	1	1	2	3	5	9	15	25
12.5°	0	0	1	1	1	2	3	6	10	16	28
10°	0	0	1	1	1	2	3	6	11	18	30
7.5°	0	0	1	1	1	2	3	7	12	20	32
5°	0	0	1	1	1	2	3	8	13	22	34
2.5°	0	0	1	1	1	2	4	9	13	24	35
0°	0	0	1	1	1	3	4	10	14	26	36
-2.5°	0	0	1	1	1	3	4	10	15	27	38
-5°	0	0	1	1	1	3	5	11	17	28	40
-7.5°	0	0	1	1	2	3	6	11	19	29	41
-10°	0	0	1	1	2	3	6	11	20	30	42
-12.5°	0	0	1	1	2	3	6	11	21	31	43
-15°	0	0	1	1	2	3	7	11	21	31	43
-17.5°	0	0	1	1	2	3	7	12	21	31	43
-20°	0	0	1	1	2	3	7	12	21	31	43

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REPORT NUMBER: P626716 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	1	1	2	3	7	12	20	30	42
-25°	0	0	1	1	2	3	7	13	20	30	40
-27.5°	0	0	1	1	2	4	7	13	19	29	39
-30°	0	0	1	1	2	4	7	12	19	28	38
-32.5°	0	0	1	1	2	4	7	12	19	27	37
-35°	0	0	1	1	2	4	7	12	18	26	35
-37.5°	0	0	1	1	2	4	7	11	18	26	34
-40°	0	0	1	1	2	4	7	11	16	25	34
-42.5°	0	0	1	1	2	4	7	11	16	23	33
-45°	0	0	1	1	2	4	7	10	15	22	31
-47.5°	0	0	1	1	2	4	6	10	14	20	29
-50°	0	0	1	1	2	4	6	9	14	19	27
-52.5°	0	0	1	1	2	4	6	9	13	18	25
-55°	0	0	1	1	2	4	6	8	12	17	23
-57.5°	0	0	1	1	2	4	6	8	12	16	21
-60°	0	0	1	1	2	3	5	8	11	15	20
-62.5°	0	0	1	1	2	3	5	7	10	14	18
-65°	0	0	1	1	2	3	4	6	9	12	16
-67.5°	0	0	1	1	2	3	4	6	8	11	14
-70°	0	0	1	1	2	3	4	5	7	9	12
-72.5°	0	0	1	1	2	3	3	4	6	8	10
-75°	0	0	1	1	2	2	3	4	5	7	8
-77.5°	0	0	1	1	2	2	3	3	4	5	7
-80°	0	0	0	1	1	2	3	3	4	4	5
-82.5°	0	0	0	1	1	1	2	3	3	4	4
-85°	0	0	0	0	1	1	1	2	2	3	3
-87.5°	0	0	0	0	0	0	1	1	1	1	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626716 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-MWR-VSR-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
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	1	1	1	0	0	0	0	0	0	0	0
62.5°	1	1	1	0	1	1	1	0	0	0	0
60°	1	1	1	1	1	1	1	1	1	1	3
57.5°	1	1	1	1	1	1	2	2	4	7	8
55°	1	1	1	2	2	2	3	7	10	13	14
52.5°	1	1	2	2	3	5	9	13	16	19	22
50°	2	2	3	3	6	10	14	19	23	27	32
47.5°	2	3	4	5	10	16	21	27	32	38	45
45°	3	4	5	10	15	22	29	36	41	48	54
42.5°	3	6	9	14	22	30	38	44	49	56	64
40°	5	9	13	20	29	39	46	52	58	68	77
37.5°	8	12	17	26	37	47	53	60	69	81	93
35°	10	15	23	33	45	54	62	70	83	96	110
32.5°	13	18	29	40	51	61	69	82	95	110	129
30°	16	23	34	47	57	67	79	94	107	124	147
27.5°	19	28	40	52	63	73	89	103	118	138	165
25°	22	33	45	57	68	81	99	114	129	155	191
22.5°	26	38	51	62	73	90	109	127	147	173	217
20°	30	42	55	68	78	98	119	142	169	204	263
17.5°	34	47	60	73	87	107	130	157	191	235	321
15°	37	50	64	79	95	116	142	174	215	270	377
12.5°	41	54	69	84	102	124	152	187	235	315	449
10°	43	56	73	89	108	131	160	198	252	346	502
7.5°	46	60	77	94	113	137	168	207	266	371	544
5°	48	63	80	98	117	142	174	213	278	390	576
2.5°	50	67	83	101	120	147	179	220	290	405	603
0°	51	70	85	103	122	150	182	224	299	415	625
-2.5°	53	71	88	105	126	152	184	228	302	417	620
-5°	54	72	90	107	128	153	184	229	302	413	608
-7.5°	56	73	92	108	130	154	184	228	299	406	587
-10°	56	74	93	109	130	154	183	225	292	393	556
-12.5°	58	75	93	110	130	153	181	220	280	373	515
-15°	58	75	93	110	130	151	177	213	266	346	466
-17.5°	59	75	92	109	128	149	172	205	252	323	430
-20°	59	75	92	107	127	146	168	198	240	300	387

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CATALOG NUMBER: GFLD-SA1D-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	58	74	91	106	125	143	164	191	226	275	345
-25°	57	74	90	105	122	140	159	182	213	256	314
-27.5°	55	72	88	103	119	137	154	175	202	235	282
-30°	52	70	86	101	116	133	150	167	191	220	257
-32.5°	50	68	83	98	113	129	145	161	181	206	235
-35°	48	65	80	94	109	125	140	155	172	193	218
-37.5°	47	62	77	91	105	120	135	149	164	181	204
-40°	45	58	74	87	100	115	129	143	157	174	191
-42.5°	43	56	70	84	96	110	123	137	151	166	183
-45°	41	54	67	80	92	105	118	130	144	159	174
-47.5°	39	50	63	75	87	99	112	124	137	150	165
-50°	36	47	59	70	81	93	106	118	130	142	154
-52.5°	33	43	54	65	75	85	98	111	123	134	146
-55°	30	39	49	60	70	79	90	103	115	126	138
-57.5°	28	35	44	54	64	74	84	95	106	117	129
-60°	25	32	39	49	58	68	78	88	98	109	119
-62.5°	23	28	35	43	52	61	70	80	90	99	108
-65°	21	25	31	37	44	53	62	71	80	88	96
-67.5°	18	22	27	31	38	45	52	60	69	76	84
-70°	16	19	23	27	32	38	44	51	57	64	71
-72.5°	13	16	19	23	27	32	37	42	48	54	60
-75°	11	13	16	19	22	26	31	35	40	44	49
-77.5°	8	11	13	15	18	21	24	28	32	35	39
-80°	7	8	10	12	14	16	18	21	23	27	30
-82.5°	5	6	7	9	10	11	13	15	17	19	21
-85°	4	4	5	6	6	7	8	9	11	12	14
-87.5°	2	2	3	3	3	4	4	4	5	6	6
-90°	0	0	0	0	0	0	0	0	0	0	0



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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
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	1	1	1	1	1
60°	3	2	3	4	4	3	4	5	5	4	4
57.5°	9	9	11	13	14	15	16	17	18	19	19
55°	16	19	23	24	27	31	34	35	35	36	38
52.5°	26	29	31	34	39	43	44	47	50	53	56
50°	37	40	44	49	54	57	58	63	70	75	78
47.5°	49	53	60	68	73	76	82	88	95	102	108
45°	60	67	76	84	89	96	103	111	122	132	140
42.5°	72	81	89	98	105	115	127	137	153	166	175
40°	87	95	108	118	131	145	166	185	205	228	244
37.5°	104	117	135	152	171	191	229	267	299	343	368
35°	125	145	170	196	227	275	330	404	482	546	608
32.5°	149	175	209	255	307	385	467	604	738	871	1002
30°	172	210	263	326	412	534	690	902	1131	1332	1513
27.5°	204	257	326	420	567	746	1033	1327	1619	1880	2067
25°	242	313	411	567	778	1076	1461	1821	2164	2419	2634
22.5°	297	404	542	741	1124	1539	1999	2453	2837	3159	3371
20°	365	510	741	1101	1552	2070	2663	3140	3614	3976	4299
17.5°	461	693	1019	1476	2015	2705	3316	3848	4449	4820	5150
15°	548	845	1310	1893	2525	3257	3977	4628	5209	5616	5985
12.5°	658	1007	1542	2228	2919	3734	4482	5179	5748	6167	6425
10°	756	1174	1774	2491	3264	4116	4891	5617	6168	6492	6682
7.5°	835	1312	1961	2716	3532	4389	5209	5929	6456	6727	6857
5°	896	1414	2108	2900	3748	4625	5462	6167	6611	6835	6907
2.5°	942	1486	2207	3022	3894	4800	5653	6348	6727	6889	6913
0°	974	1536	2271	3098	4019	4862	5757	6463	6823	6953	6965
-2.5°	966	1518	2269	3070	4005	4890	5774	6470	6856	7030	7058
-5°	947	1475	2193	2992	3891	4778	5620	6356	6829	7092	7208
-7.5°	909	1401	2065	2842	3707	4594	5453	6216	6761	7131	7359
-10°	844	1293	1900	2652	3504	4350	5199	5991	6577	7023	7341
-12.5°	756	1147	1699	2383	3239	4029	4833	5592	6232	6782	7110
-15°	665	995	1491	2116	2862	3639	4383	5127	5759	6273	6682
-17.5°	600	862	1249	1797	2451	3189	3914	4598	5168	5651	6081
-20°	518	712	1019	1479	2056	2701	3395	4004	4513	4966	5376

Classified

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

Scaled Data Report



REPORT NUMBER: P626716 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	453	610	832	1146	1664	2232	2800	3361	3839	4243	4593
-25°	393	504	677	932	1269	1760	2239	2712	3154	3529	3844
-27.5°	347	434	550	732	987	1274	1693	2089	2469	2812	3109
-30°	304	370	461	574	748	961	1213	1509	1812	2083	2353
-32.5°	274	321	383	467	565	717	870	1069	1260	1458	1651
-35°	247	284	327	383	450	539	639	761	863	992	1112
-37.5°	228	254	287	322	370	420	488	562	625	697	758
-40°	212	233	255	279	312	345	389	431	471	515	548
-42.5°	199	216	232	250	270	297	326	352	376	402	424
-45°	189	202	214	229	243	263	284	303	319	333	345
-47.5°	178	189	200	212	224	238	252	264	278	289	297
-50°	167	178	188	198	209	220	231	241	250	259	264
-52.5°	157	168	178	187	196	205	214	223	231	239	242
-55°	149	159	169	177	185	193	201	209	217	224	226
-57.5°	140	151	160	168	175	182	189	197	204	211	213
-60°	130	141	150	156	164	171	178	185	192	198	200
-62.5°	118	128	136	142	149	155	163	170	177	183	187
-65°	103	112	120	127	133	139	146	153	159	164	168
-67.5°	91	98	104	110	116	122	129	135	141	146	149
-70°	78	85	91	96	102	107	113	118	123	127	130
-72.5°	66	72	77	82	87	92	96	101	105	109	112
-75°	55	59	64	68	72	76	80	83	87	90	92
-77.5°	43	47	51	54	58	61	64	66	69	72	74
-80°	33	36	38	41	44	46	48	51	53	54	56
-82.5°	24	25	27	29	31	33	34	36	37	38	40
-85°	15	16	17	18	19	20	21	22	23	24	25
-87.5°	7	8	8	9	9	10	10	10	11	11	12
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626716 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-727-U-MWR-VSR-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
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	1	1	1	1	1
60°	4	4	4	4	4	4	4	4	4	5	5
57.5°	19	17	16	15	16	17	19	19	19	18	17
55°	41	43	44	44	44	43	41	38	36	35	35
52.5°	58	59	59	57	59	59	58	56	53	50	47
50°	79	79	79	77	79	79	79	78	75	70	63
47.5°	111	113	114	113	114	113	111	108	102	95	88
45°	143	144	145	145	145	144	143	140	132	122	111
42.5°	179	182	183	182	183	182	179	175	166	153	137
40°	254	257	256	252	256	257	254	244	228	205	185
37.5°	385	397	403	403	403	397	385	368	343	299	267
35°	664	708	729	703	729	708	664	608	546	482	404
32.5°	1109	1187	1232	1232	1232	1187	1109	1002	871	738	604
30°	1651	1749	1805	1816	1805	1749	1651	1513	1332	1131	902
27.5°	2213	2315	2368	2360	2368	2315	2213	2067	1880	1619	1327
25°	2777	2854	2899	2900	2899	2854	2777	2634	2419	2164	1821
22.5°	3610	3773	3839	3857	3839	3773	3610	3371	3159	2837	2453
20°	4519	4676	4777	4784	4777	4676	4519	4299	3976	3614	3140
17.5°	5384	5462	5476	5483	5476	5462	5384	5150	4820	4449	3848
15°	6200	6227	6299	6308	6299	6227	6200	5985	5616	5209	4628
12.5°	6587	6612	6600	6566	6600	6612	6587	6425	6167	5748	5179
10°	6798	6763	6711	6647	6711	6763	6798	6682	6492	6168	5617
7.5°	6846	6807	6714	6622	6714	6807	6846	6857	6727	6456	5929
5°	6869	6754	6637	6525	6637	6754	6869	6907	6835	6611	6167
2.5°	6855	6719	6558	6438	6558	6719	6855	6913	6889	6727	6348
0°	6899	6761	6592	6548	6592	6761	6899	6965	6953	6823	6463
-2.5°	7021	6909	6821	6797	6821	6909	7021	7058	7030	6856	6470
-5°	7240	7215	7066	7101	7066	7215	7240	7208	7092	6829	6356
-7.5°	7452	7417	7353	7435	7353	7417	7452	7359	7131	6761	6216
-10°	7508	7497	7526	7599	7526	7497	7508	7341	7023	6577	5991
-12.5°	7335	7426	7527	7604	7527	7426	7335	7110	6782	6232	5592
-15°	6951	7136	7287	7359	7287	7136	6951	6682	6273	5759	5127
-17.5°	6384	6611	6791	6842	6791	6611	6384	6081	5651	5168	4598
-20°	5687	5918	6081	6146	6081	5918	5687	5376	4966	4513	4004

Classified

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

Scaled Data Report



REPORT NUMBER: P626716 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4902	5127	5275	5353	5275	5127	4902	4593	4243	3839	3361
-25°	4105	4303	4435	4469	4435	4303	4105	3844	3529	3154	2712
-27.5°	3344	3503	3600	3610	3600	3503	3344	3109	2812	2469	2089
-30°	2577	2725	2809	2854	2809	2725	2577	2353	2083	1812	1509
-32.5°	1810	1927	1998	2017	1998	1927	1810	1651	1458	1260	1069
-35°	1207	1280	1325	1334	1325	1280	1207	1112	992	863	761
-37.5°	807	843	864	875	864	843	807	758	697	625	562
-40°	572	588	598	600	598	588	572	548	515	471	431
-42.5°	437	446	450	451	450	446	437	424	402	376	352
-45°	353	359	363	364	363	359	353	345	333	319	303
-47.5°	302	306	308	309	308	306	302	297	289	278	264
-50°	267	269	270	269	270	269	267	264	259	250	241
-52.5°	244	246	246	246	246	246	244	242	239	231	223
-55°	228	229	229	228	229	229	228	226	224	217	209
-57.5°	215	216	216	214	216	216	215	213	211	204	197
-60°	202	204	204	203	204	204	202	200	198	192	185
-62.5°	190	192	192	192	192	192	190	187	183	177	170
-65°	171	175	174	173	174	175	171	168	164	159	153
-67.5°	151	154	154	153	154	154	151	149	146	141	135
-70°	133	135	135	135	135	135	133	130	127	123	118
-72.5°	114	117	117	117	117	117	114	112	109	105	101
-75°	95	97	97	96	97	97	95	92	90	87	83
-77.5°	76	78	78	77	78	78	76	74	72	69	66
-80°	58	59	59	59	59	59	58	56	54	53	51
-82.5°	41	42	42	41	42	42	41	40	38	37	36
-85°	25	26	26	26	26	26	25	25	24	23	22
-87.5°	12	12	12	11	12	12	12	12	11	11	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626716 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-727-U-MWR-VSR-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
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	0	0	0	0
60°	4	3	4	4	3	2	3	3	1	1	1
57.5°	16	15	14	13	11	9	9	8	7	4	2
55°	34	31	27	24	23	19	16	14	13	10	7
52.5°	44	43	39	34	31	29	26	22	19	16	13
50°	58	57	54	49	44	40	37	32	27	23	19
47.5°	82	76	73	68	60	53	49	45	38	32	27
45°	103	96	89	84	76	67	60	54	48	41	36
42.5°	127	115	105	98	89	81	72	64	56	49	44
40°	166	145	131	118	108	95	87	77	68	58	52
37.5°	229	191	171	152	135	117	104	93	81	69	60
35°	330	275	227	196	170	145	125	110	96	83	70
32.5°	467	385	307	255	209	175	149	129	110	95	82
30°	690	534	412	326	263	210	172	147	124	107	94
27.5°	1033	746	567	420	326	257	204	165	138	118	103
25°	1461	1076	778	567	411	313	242	191	155	129	114
22.5°	1999	1539	1124	741	542	404	297	217	173	147	127
20°	2663	2070	1552	1101	741	510	365	263	204	169	142
17.5°	3316	2705	2015	1476	1019	693	461	321	235	191	157
15°	3977	3257	2525	1893	1310	845	548	377	270	215	174
12.5°	4482	3734	2919	2228	1542	1007	658	449	315	235	187
10°	4891	4116	3264	2491	1774	1174	756	502	346	252	198
7.5°	5209	4389	3532	2716	1961	1312	835	544	371	266	207
5°	5462	4625	3748	2900	2108	1414	896	576	390	278	213
2.5°	5653	4800	3894	3022	2207	1486	942	603	405	290	220
0°	5757	4862	4019	3098	2271	1536	974	625	415	299	224
-2.5°	5774	4890	4005	3070	2269	1518	966	620	417	302	228
-5°	5620	4778	3891	2992	2193	1475	947	608	413	302	229
-7.5°	5453	4594	3707	2842	2065	1401	909	587	406	299	228
-10°	5199	4350	3504	2652	1900	1293	844	556	393	292	225
-12.5°	4833	4029	3239	2383	1699	1147	756	515	373	280	220
-15°	4383	3639	2862	2116	1491	995	665	466	346	266	213
-17.5°	3914	3189	2451	1797	1249	862	600	430	323	252	205
-20°	3395	2701	2056	1479	1019	712	518	387	300	240	198

Classified

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

Scaled Data Report



REPORT NUMBER: P626716 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2800	2232	1664	1146	832	610	453	345	275	226	191
-25°	2239	1760	1269	932	677	504	393	314	256	213	182
-27.5°	1693	1274	987	732	550	434	347	282	235	202	175
-30°	1213	961	748	574	461	370	304	257	220	191	167
-32.5°	870	717	565	467	383	321	274	235	206	181	161
-35°	639	539	450	383	327	284	247	218	193	172	155
-37.5°	488	420	370	322	287	254	228	204	181	164	149
-40°	389	345	312	279	255	233	212	191	174	157	143
-42.5°	326	297	270	250	232	216	199	183	166	151	137
-45°	284	263	243	229	214	202	189	174	159	144	130
-47.5°	252	238	224	212	200	189	178	165	150	137	124
-50°	231	220	209	198	188	178	167	154	142	130	118
-52.5°	214	205	196	187	178	168	157	146	134	123	111
-55°	201	193	185	177	169	159	149	138	126	115	103
-57.5°	189	182	175	168	160	151	140	129	117	106	95
-60°	178	171	164	156	150	141	130	119	109	98	88
-62.5°	163	155	149	142	136	128	118	108	99	90	80
-65°	146	139	133	127	120	112	103	96	88	80	71
-67.5°	129	122	116	110	104	98	91	84	76	69	60
-70°	113	107	102	96	91	85	78	71	64	57	51
-72.5°	96	92	87	82	77	72	66	60	54	48	42
-75°	80	76	72	68	64	59	55	49	44	40	35
-77.5°	64	61	58	54	51	47	43	39	35	32	28
-80°	48	46	44	41	38	36	33	30	27	23	21
-82.5°	34	33	31	29	27	25	24	21	19	17	15
-85°	21	20	19	18	17	16	15	14	12	11	9
-87.5°	10	10	9	9	8	8	7	6	6	5	4
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P626716 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-727-U-MWR-VSR-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
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	1	1	1	0	0	0	0
62.5°	1	1	1	0	1	1	1	1	1	1	0
60°	1	1	1	1	1	1	1	1	1	1	1
57.5°	2	1	1	1	1	1	1	1	1	1	1
55°	3	2	2	2	1	1	1	1	1	1	1
52.5°	9	5	3	2	2	1	1	1	1	1	1
50°	14	10	6	3	3	2	2	1	1	1	1
47.5°	21	16	10	5	4	3	2	2	1	1	1
45°	29	22	15	10	5	4	3	2	2	1	1
42.5°	38	30	22	14	9	6	3	2	2	1	2
40°	46	39	29	20	13	9	5	3	2	2	2
37.5°	53	47	37	26	17	12	8	3	3	2	2
35°	62	54	45	33	23	15	10	5	4	2	2
32.5°	69	61	51	40	29	18	13	7	4	3	2
30°	79	67	57	47	34	23	16	10	5	3	2
27.5°	89	73	63	52	40	28	19	12	7	4	2
25°	99	81	68	57	45	33	22	15	8	5	3
22.5°	109	90	73	62	51	38	26	17	10	6	3
20°	119	98	78	68	55	42	30	20	12	7	4
17.5°	130	107	87	73	60	47	34	22	13	8	4
15°	142	116	95	79	64	50	37	25	15	9	5
12.5°	152	124	102	84	69	54	41	28	16	10	6
10°	160	131	108	89	73	56	43	30	18	11	6
7.5°	168	137	113	94	77	60	46	32	20	12	7
5°	174	142	117	98	80	63	48	34	22	13	8
2.5°	179	147	120	101	83	67	50	35	24	13	9
0°	182	150	122	103	85	70	51	36	26	14	10
-2.5°	184	152	126	105	88	71	53	38	27	15	10
-5°	184	153	128	107	90	72	54	40	28	17	11
-7.5°	184	154	130	108	92	73	56	41	29	19	11
-10°	183	154	130	109	93	74	56	42	30	20	11
-12.5°	181	153	130	110	93	75	58	43	31	21	11
-15°	177	151	130	110	93	75	58	43	31	21	11
-17.5°	172	149	128	109	92	75	59	43	31	21	12
-20°	168	146	127	107	92	75	59	43	31	21	12

Classified

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

Scaled Data Report



REPORT NUMBER: P626716 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	164	143	125	106	91	74	58	42	30	20	12
-25°	159	140	122	105	90	74	57	40	30	20	13
-27.5°	154	137	119	103	88	72	55	39	29	19	13
-30°	150	133	116	101	86	70	52	38	28	19	12
-32.5°	145	129	113	98	83	68	50	37	27	19	12
-35°	140	125	109	94	80	65	48	35	26	18	12
-37.5°	135	120	105	91	77	62	47	34	26	18	11
-40°	129	115	100	87	74	58	45	34	25	16	11
-42.5°	123	110	96	84	70	56	43	33	23	16	11
-45°	118	105	92	80	67	54	41	31	22	15	10
-47.5°	112	99	87	75	63	50	39	29	20	14	10
-50°	106	93	81	70	59	47	36	27	19	14	9
-52.5°	98	85	75	65	54	43	33	25	18	13	9
-55°	90	79	70	60	49	39	30	23	17	12	8
-57.5°	84	74	64	54	44	35	28	21	16	12	8
-60°	78	68	58	49	39	32	25	20	15	11	8
-62.5°	70	61	52	43	35	28	23	18	14	10	7
-65°	62	53	44	37	31	25	21	16	12	9	6
-67.5°	52	45	38	31	27	22	18	14	11	8	6
-70°	44	38	32	27	23	19	16	12	9	7	5
-72.5°	37	32	27	23	19	16	13	10	8	6	4
-75°	31	26	22	19	16	13	11	8	7	5	4
-77.5°	24	21	18	15	13	11	8	7	5	4	3
-80°	18	16	14	12	10	8	7	5	4	4	3
-82.5°	13	11	10	9	7	6	5	4	4	3	3
-85°	8	7	6	6	5	4	4	3	3	2	2
-87.5°	4	4	3	3	3	2	2	2	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P626716 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	1	0	0	0	0
60°	0	0	1	1	0	0	0
57.5°	0	1	1	1	0	0	0
55°	1	1	1	1	0	0	0
52.5°	1	1	1	1	0	0	0
50°	1	1	1	1	0	0	0
47.5°	1	1	1	1	0	0	0
45°	1	1	1	1	0	0	0
42.5°	1	1	1	1	1	0	0
40°	2	1	1	1	1	0	0
37.5°	2	1	1	1	1	0	0
35°	2	1	1	1	1	0	0
32.5°	2	1	1	1	1	0	0
30°	2	2	1	1	1	0	0
27.5°	2	2	1	1	1	0	0
25°	2	2	1	1	1	0	0
22.5°	2	2	1	1	1	0	0
20°	2	2	1	1	1	0	0
17.5°	3	2	1	1	1	0	0
15°	3	2	1	1	1	0	0
12.5°	3	2	1	1	1	0	0
10°	3	2	1	1	1	0	0
7.5°	3	2	1	1	1	0	0
5°	3	2	1	1	1	0	0
2.5°	4	2	1	1	1	0	0
0°	4	3	1	1	1	0	0
-2.5°	4	3	1	1	1	0	0
-5°	5	3	1	1	1	0	0
-7.5°	6	3	2	1	1	0	0
-10°	6	3	2	1	1	0	0
-12.5°	6	3	2	1	1	0	0
-15°	7	3	2	1	1	0	0
-17.5°	7	3	2	1	1	0	0
-20°	7	3	2	1	1	0	0

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CATALOG NUMBER: GFLD-SA1D-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	7	3	2	1	1	0	0
-25°	7	3	2	1	1	0	0
-27.5°	7	4	2	1	1	0	0
-30°	7	4	2	1	1	0	0
-32.5°	7	4	2	1	1	0	0
-35°	7	4	2	1	1	0	0
-37.5°	7	4	2	1	1	0	0
-40°	7	4	2	1	1	0	0
-42.5°	7	4	2	1	1	0	0
-45°	7	4	2	1	1	0	0
-47.5°	6	4	2	1	1	0	0
-50°	6	4	2	1	1	0	0
-52.5°	6	4	2	1	1	0	0
-55°	6	4	2	1	1	0	0
-57.5°	6	4	2	1	1	0	0
-60°	5	3	2	1	1	0	0
-62.5°	5	3	2	1	1	0	0
-65°	4	3	2	1	1	0	0
-67.5°	4	3	2	1	1	0	0
-70°	4	3	2	1	1	0	0
-72.5°	3	3	2	1	1	0	0
-75°	3	2	2	1	1	0	0
-77.5°	3	2	2	1	1	0	0
-80°	3	2	1	1	0	0	0
-82.5°	2	1	1	1	0	0	0
-85°	1	1	1	0	0	0	0
-87.5°	1	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)