

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: P626654 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-727-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P626654 (CONVERTED FROM TYPE C PHOTOMETRY)  
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Issue Date: 12/7/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: MCGRAW-EDISON  
 Catalog Number: GFLD-SA1C-727-U-MR-VSR-XX  
 Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
 Light Source: (16) 2700K CCT, 70 CRI LEDS  
 Ballast/Driver: -

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	4673.8 lumens	Max Intensity:	16479 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	107.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	2336.9 lumens	Field Lumens:	4015.7 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%

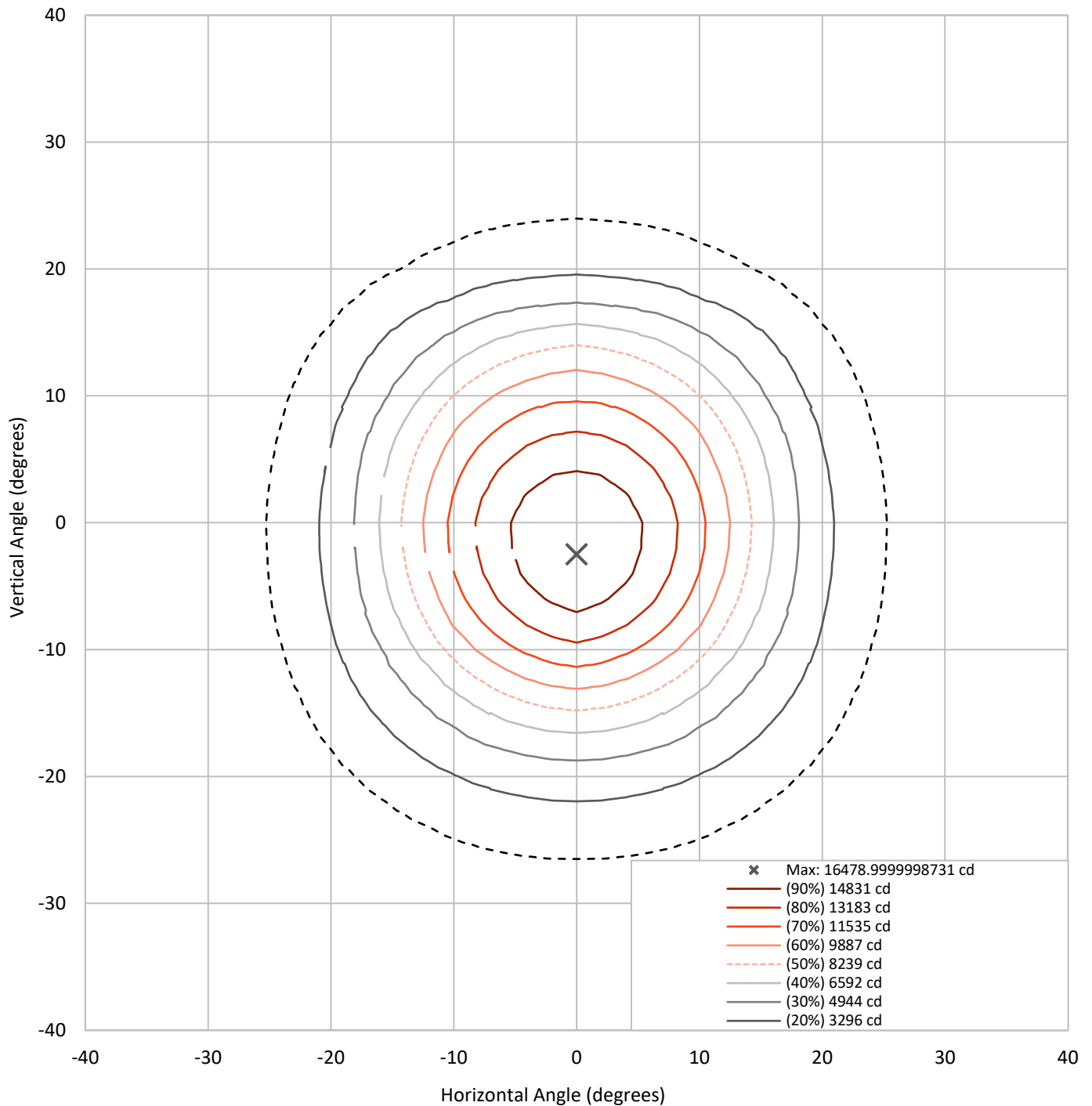
Input Watts (W): 43.5  
 Input Voltage (V): 120  
 Input Current (A<sub>in</sub>): NR  
 Voltage Rise (V): NR  
 Power Factor: NR  
 Total Harmonic Distortion (THDi): NR  
 Frequency (hertz): 60  
 Stabilization Time: NR  
 Operation Time: NR  
 Ambient Temperature (°C): NR  
 Test Distance: 25 FT



REPORT NUMBER: P626654 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-MR-VSR-XX

### Iso-Candela Plot





REPORT NUMBER: P626654 (CONVERTED FROM TYPE C PHOTOMETRY)

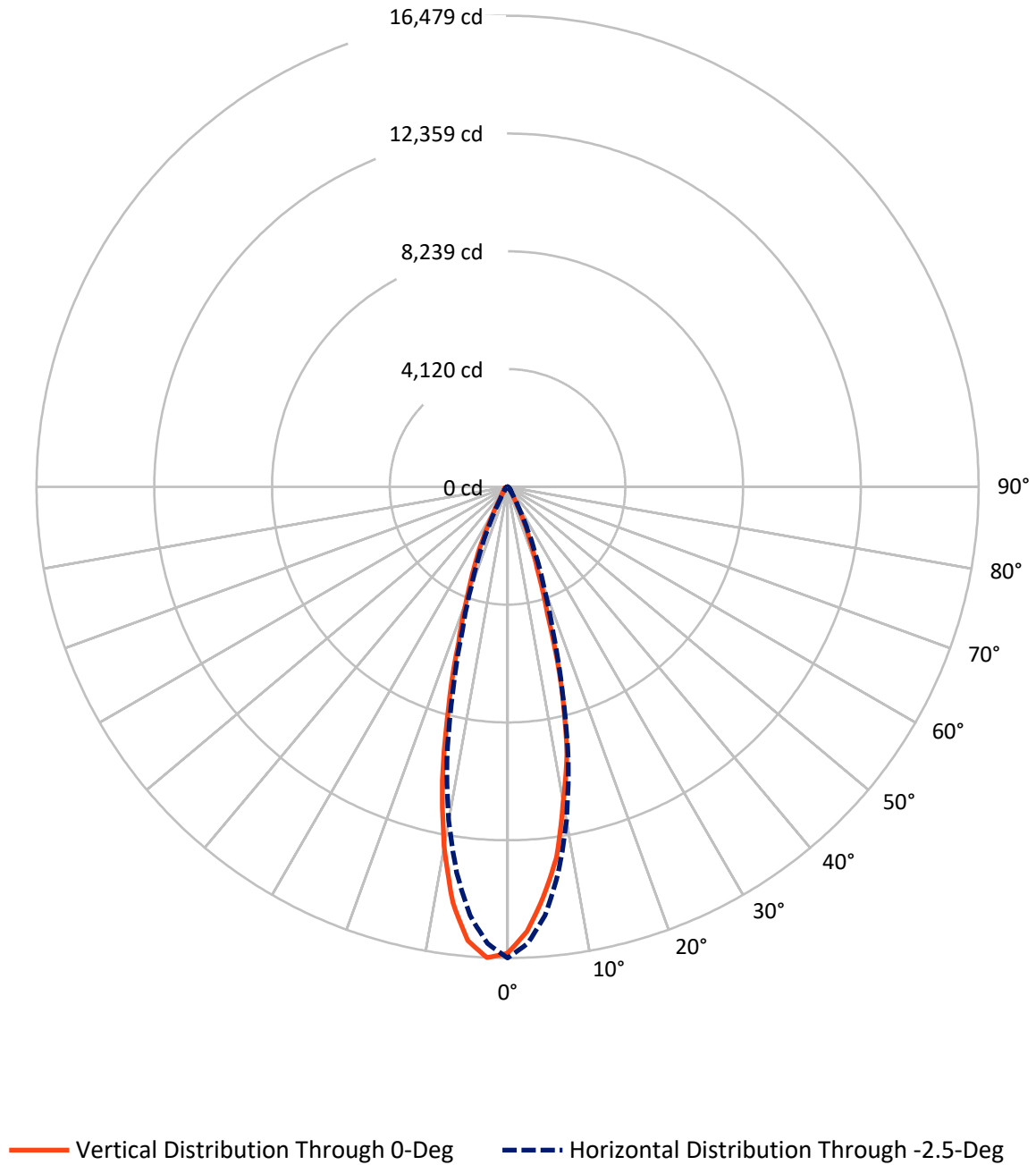
CATALOG NUMBER: GFLD-SA1C-727-U-MR-VSR-XX

### 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	0.1	0.3	0.5	0.7	0.9	0.9	0.7	0.5	0.3	0.1	0.0		0.0			
40	0.0	0.0	0.2	0.5	1.0	1.5	2.1	2.5	2.5	2.1	1.5	1.0	0.5	0.2	0.0				
30		0.1	0.4	1.0	1.8	3.0	5.0	6.7	6.7	5.0	3.0	1.8	1.0	0.4	0.1				
20	0.0	0.1	0.6	1.5	2.9	7.1	22.2	40.7	40.7	22.2	7.1	2.9	1.5	0.6	0.1				
10		0.2	0.9	2.1	5.0	24.3	99.0	193.8	193.8	99.0	24.3	5.0	2.1	0.9	0.2				
0	0.1	0.3	1.1	2.5	7.1	46.4	199.9	391.7	391.7	199.9	46.4	7.1	2.5	1.1	0.3				
-10		0.3	1.1	2.6	7.6	48.6	205.1	415.4	415.4	205.1	48.6	7.6	2.6	1.1	0.3				
-20	0.1	0.4	1.2	2.5	6.3	29.8	113.4	219.8	219.8	113.4	29.8	6.3	2.5	1.2	0.4				
-30		0.3	1.1	2.3	4.6	11.6	35.1	62.7	62.7	35.1	11.6	4.6	2.3	1.1	0.3				
-40	0.1	0.3	1.0	2.0	3.5	5.7	9.3	12.5	12.5	9.3	5.7	3.5	2.0	1.0	0.3				
-50		0.3	0.8	1.7	2.8	3.9	5.2	5.8	5.8	5.2	3.9	2.8	1.7	0.8	0.3				
-60	0.1	0.2	0.6	1.3	2.2	3.0	3.7	4.1	4.1	3.7	3.0	2.2	1.3	0.6	0.2				
-70		0.1	0.4	0.9	1.4	2.0	2.6	2.8	2.8	2.6	2.0	1.4	0.9	0.4	0.1				
-80	0.0	0.3	1.4	3.0	3.8	3.0	1.4	0.3	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

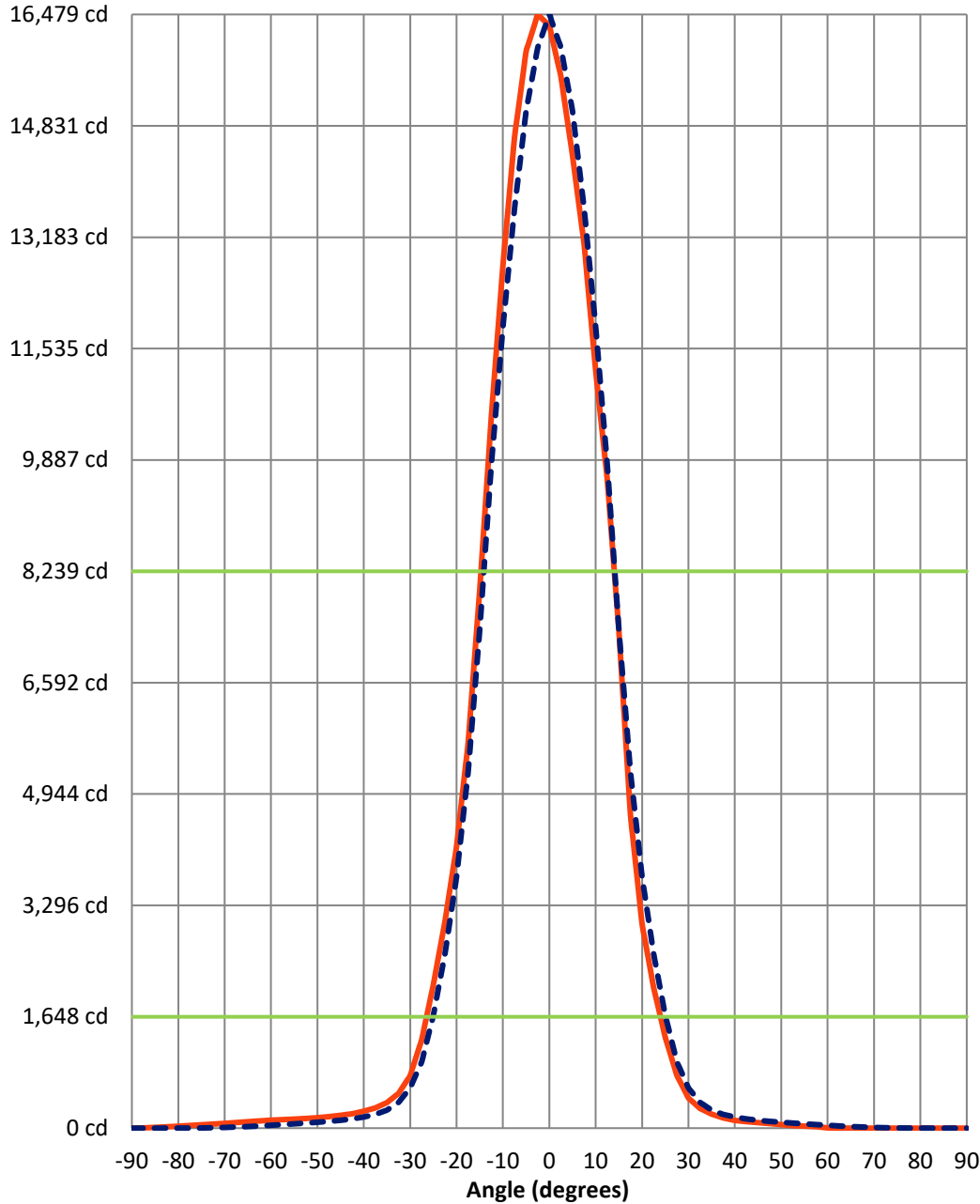
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 2336.9  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 4015.7  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 658.1  
 Efficiency: 14.1%

- Vertical Distribution through 0-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°	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	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	1	0
52.5°	0	0	0	0	0	0	0	0	1	1	0
50°	0	0	0	0	0	0	0	1	1	1	1
47.5°	0	0	0	0	0	0	0	1	1	1	1
45°	0	0	0	0	0	0	1	1	1	1	1
42.5°	0	0	0	0	0	0	1	1	1	1	2
40°	0	0	0	0	0	1	1	1	1	1	2
37.5°	0	0	0	0	0	1	1	1	1	1	3
35°	0	0	0	0	0	1	1	1	2	3	5
32.5°	0	0	0	0	0	1	1	1	2	3	6
30°	0	0	0	0	0	1	1	1	2	4	7
27.5°	0	0	0	0	1	1	1	1	3	5	8
25°	0	0	0	0	1	1	1	2	4	6	10
22.5°	0	0	0	0	1	1	1	2	4	7	12
20°	0	0	0	0	1	1	1	3	5	9	13
17.5°	0	0	0	0	1	1	1	3	6	10	15
15°	0	0	0	0	1	1	1	4	6	11	16
12.5°	0	0	0	0	1	1	1	4	7	12	18
10°	0	0	0	0	1	1	1	5	7	13	19
7.5°	0	0	0	0	1	1	2	5	8	14	20
5°	0	0	0	0	1	1	2	5	8	15	21
2.5°	0	0	0	0	1	1	2	6	9	16	22
0°	0	0	0	0	1	1	2	6	9	17	23
-2.5°	0	0	0	0	1	1	3	6	10	17	23
-5°	0	0	0	0	1	1	3	6	11	18	24
-7.5°	0	0	0	0	1	1	3	7	12	18	24
-10°	0	0	0	0	1	1	4	7	12	18	25
-12.5°	0	0	0	0	1	2	4	7	13	19	25
-15°	0	0	0	0	1	2	4	7	13	19	26
-17.5°	0	0	0	0	1	2	4	7	13	19	26
-20°	0	0	0	0	1	2	4	7	12	19	26

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REPORT NUMBER: P626654 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-MR-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	0	0	1	2	4	7	12	19	26
-25°	0	0	0	0	1	2	4	8	12	18	25
-27.5°	0	0	0	0	1	2	4	8	11	18	24
-30°	0	0	0	0	1	2	4	8	11	17	24
-32.5°	0	0	0	0	1	2	4	8	11	17	23
-35°	0	0	0	0	1	2	4	8	11	16	22
-37.5°	0	0	0	0	1	2	4	7	11	15	21
-40°	0	0	0	0	1	2	4	7	11	15	20
-42.5°	0	0	0	0	1	2	4	7	10	14	20
-45°	0	0	0	0	1	2	4	7	10	14	19
-47.5°	0	0	0	0	1	2	4	6	9	13	18
-50°	0	0	0	0	1	2	4	6	9	12	17
-52.5°	0	0	0	0	1	2	3	5	8	11	15
-55°	0	0	0	0	1	2	3	5	8	11	14
-57.5°	0	0	0	0	1	2	3	5	7	10	13
-60°	0	0	0	0	1	2	3	4	6	9	11
-62.5°	0	0	0	0	1	2	3	4	6	8	10
-65°	0	0	0	0	1	1	2	3	5	7	9
-67.5°	0	0	0	0	1	1	2	3	4	6	8
-70°	0	0	0	0	1	1	2	3	4	5	7
-72.5°	0	0	0	0	1	1	2	2	3	4	6
-75°	0	0	0	0	0	1	2	2	3	3	5
-77.5°	0	0	0	0	0	1	1	2	2	3	3
-80°	0	0	0	0	0	1	1	1	2	2	2
-82.5°	0	0	0	0	0	0	1	1	1	1	2
-85°	0	0	0	0	0	0	1	1	1	1	1
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P626654 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-727-U-MR-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°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	1	1	1	1	2
57.5°	0	0	0	1	1	1	2	2	3	5	6
55°	0	1	1	1	1	2	3	5	7	9	11
52.5°	1	1	1	2	3	4	7	9	12	14	16
50°	1	1	1	3	5	8	11	14	17	19	21
47.5°	1	2	3	5	8	12	16	19	21	25	29
45°	2	3	5	8	11	16	20	23	27	31	36
42.5°	3	5	7	10	16	21	24	28	32	37	42
40°	4	6	10	15	20	25	29	34	38	44	49
37.5°	5	9	13	19	24	29	34	39	45	51	57
35°	7	11	16	22	28	34	40	46	52	59	66
32.5°	8	13	19	26	32	39	45	52	60	67	75
30°	11	16	22	29	36	43	51	59	66	74	83
27.5°	13	18	25	32	39	47	57	65	73	81	91
25°	15	21	28	35	43	52	62	70	79	88	100
22.5°	17	23	31	38	46	56	67	76	86	95	109
20°	19	26	34	41	50	61	72	83	93	106	121
17.5°	21	29	37	45	54	66	77	89	101	116	135
15°	23	31	40	49	58	70	82	95	109	127	148
12.5°	25	33	42	52	62	74	87	100	116	137	164
10°	26	35	45	55	66	78	91	105	122	145	176
7.5°	28	37	48	57	68	81	94	109	127	151	185
5°	29	39	49	59	71	83	97	112	131	156	193
2.5°	30	40	51	61	72	85	98	114	133	160	199
0°	31	41	52	62	74	86	100	115	135	164	202
-2.5°	32	43	53	64	75	87	101	116	137	165	203
-5°	33	44	54	65	76	88	101	117	138	165	204
-7.5°	33	45	55	65	77	89	102	117	138	165	204
-10°	34	45	55	66	77	89	102	117	137	163	200
-12.5°	34	45	55	66	78	89	102	116	135	160	194
-15°	35	45	55	66	78	89	101	114	132	156	185
-17.5°	35	45	55	65	77	89	100	113	129	152	180
-20°	35	45	55	64	76	88	99	111	127	146	172

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CATALOG NUMBER: GFLD-SA1C-727-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	35	45	54	64	75	86	97	109	123	140	162
-25°	34	44	53	63	73	84	95	106	120	136	155
-27.5°	33	43	52	62	71	82	92	103	116	130	147
-30°	32	42	51	60	70	79	89	100	112	125	140
-32.5°	31	40	49	58	68	77	86	97	108	119	133
-35°	29	39	48	56	66	75	83	93	103	114	125
-37.5°	28	37	46	54	63	72	80	89	98	109	119
-40°	27	35	43	52	60	69	77	84	93	103	113
-42.5°	26	33	41	49	57	65	73	81	89	98	108
-45°	25	32	39	47	54	62	69	77	85	93	102
-47.5°	24	30	37	44	51	59	65	73	81	89	97
-50°	22	28	35	41	48	55	62	69	76	84	92
-52.5°	20	26	32	38	44	51	59	65	72	78	86
-55°	18	24	29	35	41	47	54	61	67	73	80
-57.5°	17	21	26	32	37	43	49	56	62	68	74
-60°	15	19	23	28	34	39	44	50	56	62	68
-62.5°	13	17	20	25	30	35	40	45	51	56	61
-65°	12	14	18	21	26	30	35	40	45	49	53
-67.5°	10	12	15	18	22	25	29	34	38	42	45
-70°	8	10	12	15	18	21	24	28	31	35	38
-72.5°	7	9	10	12	14	17	20	23	26	29	31
-75°	6	7	8	10	12	14	16	18	21	23	25
-77.5°	4	6	7	8	9	11	12	14	16	18	20
-80°	3	4	5	6	7	8	9	10	12	13	15
-82.5°	2	3	4	4	5	5	6	7	8	9	10
-85°	1	2	2	3	3	3	3	4	4	5	6
-87.5°	1	1	1	1	1	1	1	1	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626654 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-727-U-MR-VSR-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
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	1	1	1	1	1	1	1	1	1
60°	3	3	4	5	5	4	5	6	6	5	5
57.5°	7	9	10	11	12	14	15	15	15	16	18
55°	13	14	15	17	19	21	23	24	25	27	28
52.5°	17	20	21	24	26	28	29	32	34	36	37
50°	25	27	30	33	35	38	40	43	46	50	52
47.5°	32	36	39	43	46	49	51	55	60	64	67
45°	40	43	48	52	55	58	62	67	72	76	80
42.5°	46	50	55	59	62	68	73	78	84	90	94
40°	53	58	64	69	73	79	87	94	101	108	112
37.5°	62	69	77	82	88	95	106	117	126	135	141
35°	73	81	90	97	105	118	132	147	163	175	186
32.5°	83	92	102	112	124	142	160	185	208	231	253
30°	92	103	114	127	147	172	201	239	280	321	368
27.5°	102	113	127	147	178	213	266	326	411	479	589
25°	112	125	143	177	219	279	373	479	655	805	974
22.5°	125	145	171	212	283	392	537	768	1038	1289	1528
20°	141	167	211	277	380	546	822	1173	1548	1915	2270
17.5°	161	203	267	361	505	856	1266	1768	2410	2893	3350
15°	180	233	329	481	753	1205	1778	2546	3411	4138	4961
12.5°	202	267	382	579	968	1565	2295	3212	4235	5339	6628
10°	222	301	449	721	1193	1887	2705	3781	5096	6658	8287
7.5°	237	330	505	827	1382	2151	3127	4436	6101	7927	9784
5°	248	352	549	910	1543	2366	3436	4954	6852	8947	10794
2.5°	258	367	578	961	1651	2512	3646	5229	7311	9614	11553
0°	265	377	594	997	1702	2581	3744	5340	7527	9940	11934
-2.5°	267	382	595	985	1671	2577	3721	5272	7378	9810	11853
-5°	268	379	580	958	1617	2485	3572	5013	6925	9206	11276
-7.5°	266	369	550	894	1494	2322	3364	4629	6196	8207	10347
-10°	259	351	509	807	1326	2067	3040	4109	5360	7003	8737
-12.5°	246	325	452	677	1128	1779	2640	3585	4561	5640	7066
-15°	230	298	405	597	944	1476	2174	2972	3781	4608	5478
-17.5°	219	274	358	492	725	1155	1713	2354	3011	3667	4253
-20°	204	246	311	416	585	839	1259	1758	2249	2784	3233

Classified

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

Scaled Data Report



REPORT NUMBER: P626654 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	190	226	275	341	455	634	873	1224	1597	1986	2355
-25°	178	205	244	296	364	471	629	813	1074	1313	1587
-27.5°	167	190	216	255	307	365	462	569	707	821	1003
-30°	157	175	197	222	260	304	356	421	488	556	643
-32.5°	147	163	180	200	223	257	289	331	367	408	449
-35°	138	151	165	182	200	221	246	273	298	322	344
-37.5°	130	141	153	166	181	196	215	234	251	267	280
-40°	123	132	143	153	165	177	192	206	217	228	236
-42.5°	117	125	133	142	152	163	174	185	193	200	206
-45°	111	118	125	133	140	150	160	169	175	180	184
-47.5°	104	111	118	124	132	140	148	154	159	164	167
-50°	98	105	111	116	123	130	137	142	147	151	153
-52.5°	92	98	104	110	116	121	126	132	136	141	142
-55°	86	92	98	103	108	114	118	123	127	131	132
-57.5°	81	87	92	97	101	106	111	115	119	123	124
-60°	74	80	85	89	94	98	102	106	110	114	115
-62.5°	66	72	76	80	85	88	92	96	99	102	104
-65°	57	62	66	70	74	77	81	84	87	89	91
-67.5°	49	52	56	60	64	67	70	73	76	78	79
-70°	41	45	48	51	54	57	60	63	65	67	68
-72.5°	34	37	40	43	46	49	51	53	55	57	58
-75°	28	30	33	35	38	40	42	44	45	47	48
-77.5°	22	24	26	28	30	31	33	34	36	37	38
-80°	16	18	19	21	22	23	24	26	27	28	28
-82.5°	11	12	13	14	16	16	17	17	18	19	19
-85°	6	7	8	9	9	10	10	10	11	11	12
-87.5°	3	3	3	3	4	4	4	4	4	4	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626654 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-727-U-MR-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°	5	4	4	4	4	4	5	5	5	6	6
57.5°	19	21	22	22	22	21	19	18	16	15	15
55°	29	30	31	30	31	30	29	28	27	25	24
52.5°	38	38	38	37	38	38	38	37	36	34	32
50°	53	53	53	53	53	53	53	52	50	46	43
47.5°	68	69	69	69	69	69	68	67	64	60	55
45°	81	82	82	82	82	82	81	80	76	72	67
42.5°	95	96	96	97	96	96	95	94	90	84	78
40°	114	115	114	114	114	115	114	112	108	101	94
37.5°	146	148	149	152	149	148	146	141	135	126	117
35°	195	200	203	208	203	200	195	186	175	163	147
32.5°	269	280	286	292	286	280	269	253	231	208	185
30°	400	422	430	446	430	422	400	368	321	280	239
27.5°	670	721	741	782	741	721	670	589	479	411	326
25°	1128	1238	1298	1346	1298	1238	1128	974	805	655	479
22.5°	1769	1929	2015	2078	2015	1929	1769	1528	1289	1038	768
20°	2591	2803	2929	3020	2929	2803	2591	2270	1915	1548	1173
17.5°	3938	4270	4465	4632	4465	4270	3938	3350	2893	2410	1768
15°	5879	6547	7066	7356	7066	6547	5879	4961	4138	3411	2546
12.5°	7767	8746	9327	9595	9327	8746	7767	6628	5339	4235	3212
10°	9634	10557	11110	11208	11110	10557	9634	8287	6658	5096	3781
7.5°	11064	12079	12814	13081	12814	12079	11064	9784	7927	6101	4436
5°	12326	13515	14293	14391	14293	13515	12326	10794	8947	6852	4954
2.5°	13255	14547	15301	15561	15301	14547	13255	11553	9614	7311	5229
0°	13704	15096	15935	16313	15935	15096	13704	11934	9940	7527	5340
-2.5°	13610	15049	15986	16479	15986	15049	13610	11853	9810	7378	5272
-5°	13092	14536	15409	15933	15409	14536	13092	11276	9206	6925	5013
-7.5°	11899	13249	14179	14662	14179	13249	11899	10347	8207	6196	4629
-10°	10361	11504	12351	12763	12351	11504	10361	8737	7003	5360	4109
-12.5°	8363	9471	10236	10527	10236	9471	8363	7066	5640	4561	3585
-15°	6408	7253	7797	7969	7797	7253	6408	5478	4608	3781	2972
-17.5°	4859	5315	5620	5703	5620	5315	4859	4253	3667	3011	2354
-20°	3641	3923	4121	4168	4121	3923	3641	3233	2784	2249	1758

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Scaled Data Report



REPORT NUMBER: P626654 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2653	2865	3025	3057	3025	2865	2653	2355	1986	1597	1224
-25°	1830	2007	2116	2124	2116	2007	1830	1587	1313	1074	813
-27.5°	1147	1245	1295	1313	1295	1245	1147	1003	821	707	569
-30°	709	754	777	778	777	754	709	643	556	488	421
-32.5°	481	503	515	515	515	503	481	449	408	367	331
-35°	361	372	378	379	378	372	361	344	322	298	273
-37.5°	290	296	299	300	299	296	290	280	267	251	234
-40°	242	247	249	251	249	247	242	236	228	217	206
-42.5°	210	212	214	213	214	212	210	206	200	193	185
-45°	187	188	189	190	189	188	187	184	180	175	169
-47.5°	169	169	170	170	170	169	169	167	164	159	154
-50°	154	155	155	155	155	155	154	153	151	147	142
-52.5°	143	143	143	143	143	143	143	142	141	136	132
-55°	133	133	134	134	134	133	133	132	131	127	123
-57.5°	125	126	126	126	126	126	125	124	123	119	115
-60°	117	118	118	118	118	118	117	115	114	110	106
-62.5°	105	106	107	107	107	106	105	104	102	99	96
-65°	92	93	94	95	94	93	92	91	89	87	84
-67.5°	80	80	82	83	82	80	80	79	78	76	73
-70°	69	70	71	71	71	70	69	68	67	65	63
-72.5°	59	60	60	60	60	60	59	58	57	55	53
-75°	49	50	50	50	50	50	49	48	47	45	44
-77.5°	38	39	39	39	39	39	38	38	37	36	34
-80°	29	30	30	29	30	30	29	28	28	27	26
-82.5°	20	21	20	20	20	21	20	19	19	18	17
-85°	12	12	12	11	12	12	12	12	11	11	10
-87.5°	5	5	5	4	5	5	5	5	4	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626654 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-727-U-MR-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	1	1	1	1	0	0	0	0	0	0
60°	5	4	5	5	4	3	3	2	1	1	1
57.5°	15	14	12	11	10	9	7	6	5	3	2
55°	23	21	19	17	15	14	13	11	9	7	5
52.5°	29	28	26	24	21	20	17	16	14	12	9
50°	40	38	35	33	30	27	25	21	19	17	14
47.5°	51	49	46	43	39	36	32	29	25	21	19
45°	62	58	55	52	48	43	40	36	31	27	23
42.5°	73	68	62	59	55	50	46	42	37	32	28
40°	87	79	73	69	64	58	53	49	44	38	34
37.5°	106	95	88	82	77	69	62	57	51	45	39
35°	132	118	105	97	90	81	73	66	59	52	46
32.5°	160	142	124	112	102	92	83	75	67	60	52
30°	201	172	147	127	114	103	92	83	74	66	59
27.5°	266	213	178	147	127	113	102	91	81	73	65
25°	373	279	219	177	143	125	112	100	88	79	70
22.5°	537	392	283	212	171	145	125	109	95	86	76
20°	822	546	380	277	211	167	141	121	106	93	83
17.5°	1266	856	505	361	267	203	161	135	116	101	89
15°	1778	1205	753	481	329	233	180	148	127	109	95
12.5°	2295	1565	968	579	382	267	202	164	137	116	100
10°	2705	1887	1193	721	449	301	222	176	145	122	105
7.5°	3127	2151	1382	827	505	330	237	185	151	127	109
5°	3436	2366	1543	910	549	352	248	193	156	131	112
2.5°	3646	2512	1651	961	578	367	258	199	160	133	114
0°	3744	2581	1702	997	594	377	265	202	164	135	115
-2.5°	3721	2577	1671	985	595	382	267	203	165	137	116
-5°	3572	2485	1617	958	580	379	268	204	165	138	117
-7.5°	3364	2322	1494	894	550	369	266	204	165	138	117
-10°	3040	2067	1326	807	509	351	259	200	163	137	117
-12.5°	2640	1779	1128	677	452	325	246	194	160	135	116
-15°	2174	1476	944	597	405	298	230	185	156	132	114
-17.5°	1713	1155	725	492	358	274	219	180	152	129	113
-20°	1259	839	585	416	311	246	204	172	146	127	111

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REPORT NUMBER: P626654 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	873	634	455	341	275	226	190	162	140	123	109
-25°	629	471	364	296	244	205	178	155	136	120	106
-27.5°	462	365	307	255	216	190	167	147	130	116	103
-30°	356	304	260	222	197	175	157	140	125	112	100
-32.5°	289	257	223	200	180	163	147	133	119	108	97
-35°	246	221	200	182	165	151	138	125	114	103	93
-37.5°	215	196	181	166	153	141	130	119	109	98	89
-40°	192	177	165	153	143	132	123	113	103	93	84
-42.5°	174	163	152	142	133	125	117	108	98	89	81
-45°	160	150	140	133	125	118	111	102	93	85	77
-47.5°	148	140	132	124	118	111	104	97	89	81	73
-50°	137	130	123	116	111	105	98	92	84	76	69
-52.5°	126	121	116	110	104	98	92	86	78	72	65
-55°	118	114	108	103	98	92	86	80	73	67	61
-57.5°	111	106	101	97	92	87	81	74	68	62	56
-60°	102	98	94	89	85	80	74	68	62	56	50
-62.5°	92	88	85	80	76	72	66	61	56	51	45
-65°	81	77	74	70	66	62	57	53	49	45	40
-67.5°	70	67	64	60	56	52	49	45	42	38	34
-70°	60	57	54	51	48	45	41	38	35	31	28
-72.5°	51	49	46	43	40	37	34	31	29	26	23
-75°	42	40	38	35	33	30	28	25	23	21	18
-77.5°	33	31	30	28	26	24	22	20	18	16	14
-80°	24	23	22	21	19	18	16	15	13	12	10
-82.5°	17	16	16	14	13	12	11	10	9	8	7
-85°	10	10	9	9	8	7	6	6	5	4	4
-87.5°	4	4	4	3	3	3	3	2	2	2	1
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626654 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-MR-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	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	1	0	0	0	0	0	0	0	0	0	0
57.5°	2	1	1	1	0	0	0	0	0	0	0
55°	3	2	1	1	1	1	0	0	1	0	0
52.5°	7	4	3	2	1	1	1	0	1	1	0
50°	11	8	5	3	1	1	1	1	1	1	1
47.5°	16	12	8	5	3	2	1	1	1	1	1
45°	20	16	11	8	5	3	2	1	1	1	1
42.5°	24	21	16	10	7	5	3	2	1	1	1
40°	29	25	20	15	10	6	4	2	1	1	1
37.5°	34	29	24	19	13	9	5	3	1	1	1
35°	40	34	28	22	16	11	7	5	3	2	1
32.5°	45	39	32	26	19	13	8	6	3	2	1
30°	51	43	36	29	22	16	11	7	4	2	1
27.5°	57	47	39	32	25	18	13	8	5	3	1
25°	62	52	43	35	28	21	15	10	6	4	2
22.5°	67	56	46	38	31	23	17	12	7	4	2
20°	72	61	50	41	34	26	19	13	9	5	3
17.5°	77	66	54	45	37	29	21	15	10	6	3
15°	82	70	58	49	40	31	23	16	11	6	4
12.5°	87	74	62	52	42	33	25	18	12	7	4
10°	91	78	66	55	45	35	26	19	13	7	5
7.5°	94	81	68	57	48	37	28	20	14	8	5
5°	97	83	71	59	49	39	29	21	15	8	5
2.5°	98	85	72	61	51	40	30	22	16	9	6
0°	100	86	74	62	52	41	31	23	17	9	6
-2.5°	101	87	75	64	53	43	32	23	17	10	6
-5°	101	88	76	65	54	44	33	24	18	11	6
-7.5°	102	89	77	65	55	45	33	24	18	12	7
-10°	102	89	77	66	55	45	34	25	18	12	7
-12.5°	102	89	78	66	55	45	34	25	19	13	7
-15°	101	89	78	66	55	45	35	26	19	13	7
-17.5°	100	89	77	65	55	45	35	26	19	13	7
-20°	99	88	76	64	55	45	35	26	19	12	7

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REPORT NUMBER: P626654 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	97	86	75	64	54	45	35	26	19	12	7
-25°	95	84	73	63	53	44	34	25	18	12	8
-27.5°	92	82	71	62	52	43	33	24	18	11	8
-30°	89	79	70	60	51	42	32	24	17	11	8
-32.5°	86	77	68	58	49	40	31	23	17	11	8
-35°	83	75	66	56	48	39	29	22	16	11	8
-37.5°	80	72	63	54	46	37	28	21	15	11	7
-40°	77	69	60	52	43	35	27	20	15	11	7
-42.5°	73	65	57	49	41	33	26	20	14	10	7
-45°	69	62	54	47	39	32	25	19	14	10	7
-47.5°	65	59	51	44	37	30	24	18	13	9	6
-50°	62	55	48	41	35	28	22	17	12	9	6
-52.5°	59	51	44	38	32	26	20	15	11	8	5
-55°	54	47	41	35	29	24	18	14	11	8	5
-57.5°	49	43	37	32	26	21	17	13	10	7	5
-60°	44	39	34	28	23	19	15	11	9	6	4
-62.5°	40	35	30	25	20	17	13	10	8	6	4
-65°	35	30	26	21	18	14	12	9	7	5	3
-67.5°	29	25	22	18	15	12	10	8	6	4	3
-70°	24	21	18	15	12	10	8	7	5	4	3
-72.5°	20	17	14	12	10	9	7	6	4	3	2
-75°	16	14	12	10	8	7	6	5	3	3	2
-77.5°	12	11	9	8	7	6	4	3	3	2	2
-80°	9	8	7	6	5	4	3	2	2	2	1
-82.5°	6	5	5	4	4	3	2	2	1	1	1
-85°	3	3	3	3	2	2	1	1	1	1	1
-87.5°	1	1	1	1	1	1	1	0	0	0	0
-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: P626654 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-MR-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	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0
45°	1	0	0	0	0	0	0
42.5°	1	0	0	0	0	0	0
40°	1	1	0	0	0	0	0
37.5°	1	1	0	0	0	0	0
35°	1	1	0	0	0	0	0
32.5°	1	1	0	0	0	0	0
30°	1	1	0	0	0	0	0
27.5°	1	1	1	0	0	0	0
25°	1	1	1	0	0	0	0
22.5°	1	1	1	0	0	0	0
20°	1	1	1	0	0	0	0
17.5°	1	1	1	0	0	0	0
15°	1	1	1	0	0	0	0
12.5°	1	1	1	0	0	0	0
10°	1	1	1	0	0	0	0
7.5°	2	1	1	0	0	0	0
5°	2	1	1	0	0	0	0
2.5°	2	1	1	0	0	0	0
0°	2	1	1	0	0	0	0
-2.5°	3	1	1	0	0	0	0
-5°	3	1	1	0	0	0	0
-7.5°	3	1	1	0	0	0	0
-10°	4	1	1	0	0	0	0
-12.5°	4	2	1	0	0	0	0
-15°	4	2	1	0	0	0	0
-17.5°	4	2	1	0	0	0	0
-20°	4	2	1	0	0	0	0

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CATALOG NUMBER: GFLD-SA1C-727-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)