

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: P626714 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P626714 (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-SA1D-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**

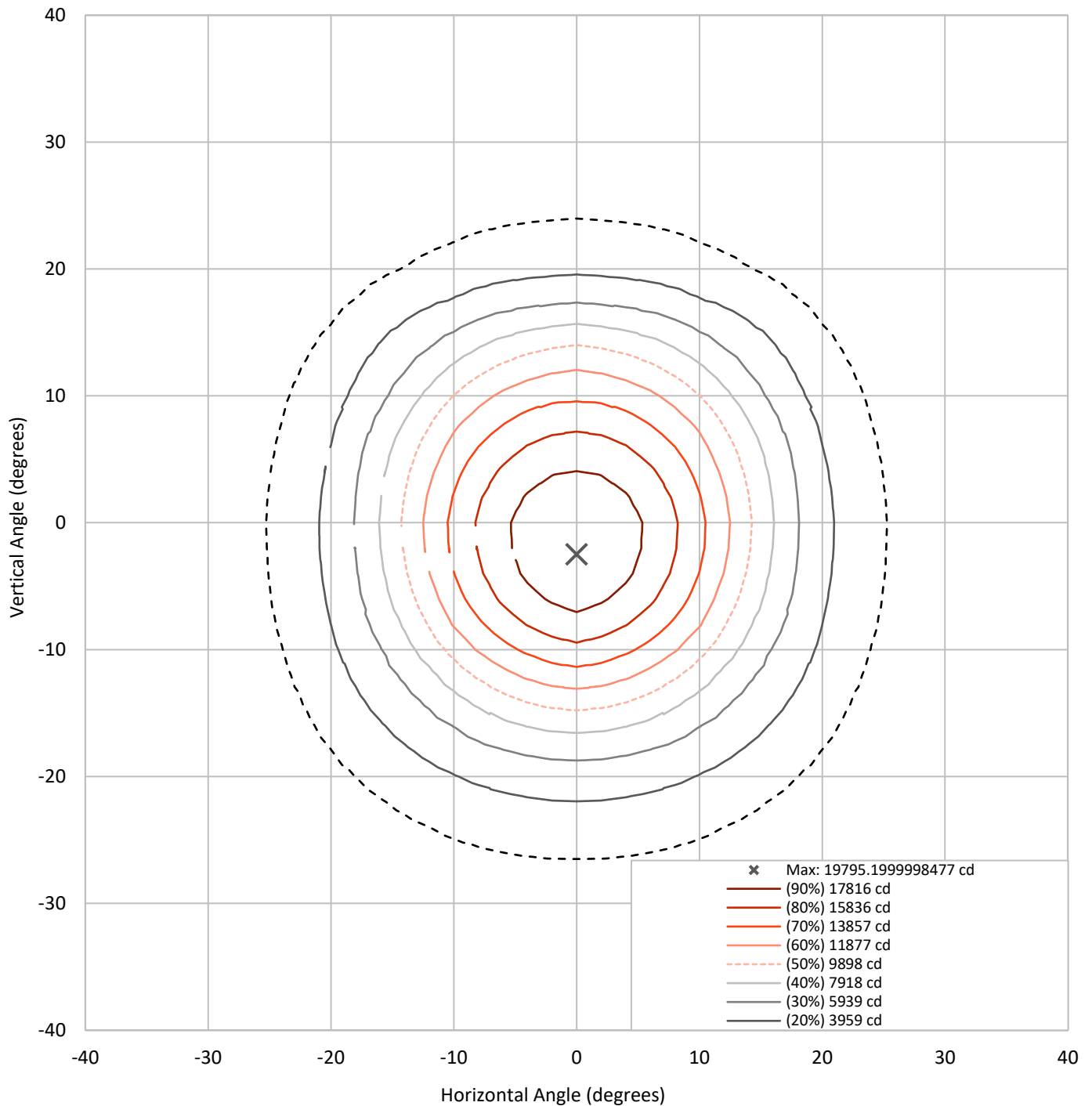
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	5614.3 lumens	Max Intensity:	19795.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	98.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	2807.2 lumens	Field Lumens:	4823.8 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
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		



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### Iso-Candela Plot





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### Lumen Table

90	0.0																
80	0.0																
70	0.0																
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	0.0	
50	0.0	0.0	0.2	0.4	0.6	0.9	1.1	1.1	0.9	0.6	0.4	0.2	0.0	0.0	0.0		
40	0.0	0.0	0.2	0.6	1.2	1.8	2.6	3.0	3.0	2.6	1.8	1.2	0.6	0.2	0.0	0.0	
30	0.0	0.1	0.5	1.2	2.2	3.6	6.1	8.1	8.1	6.1	3.6	2.2	1.2	0.5	0.1	0.0	
20	0.0	0.2	0.8	1.8	3.5	8.5	26.6	48.9	48.9	26.6	8.5	3.5	1.8	0.8	0.2	0.0	
10	0.0	0.3	1.0	2.5	6.0	29.2	118.9	232.8	232.8	118.9	29.2	6.0	2.5	1.0	0.3	0.0	
0	0.1	0.4	1.3	3.0	8.6	55.7	240.1	470.6	470.6	240.1	55.7	8.6	3.0	1.3	0.4	0.1	
-10	0.1	0.4	1.4	3.1	9.2	58.4	246.3	499.0	499.0	246.3	58.4	9.2	3.1	1.4	0.4	0.1	
-20	0.1	0.4	1.4	3.1	7.5	35.9	136.2	264.1	264.1	136.2	35.9	7.5	3.1	1.4	0.4	0.1	
-30	0.1	0.4	1.3	2.8	5.5	13.9	42.2	75.3	75.3	42.2	13.9	5.5	2.8	1.3	0.4	0.1	
-40	0.1	0.4	1.2	2.4	4.2	6.9	11.2	15.0	15.0	11.2	6.9	4.2	2.4	1.2	0.4	0.1	
-50	0.1	0.3	1.0	2.0	3.3	4.7	6.2	7.0	7.0	6.2	4.7	3.3	2.0	1.0	0.3	0.1	
-60	0.1	0.2	0.7	1.6	2.6	3.6	4.5	4.9	4.9	4.5	3.6	2.6	1.6	0.7	0.2	0.1	
-70	0.1	0.1	0.5	1.0	1.7	2.4	3.1	3.4	3.4	3.1	2.4	1.7	1.0	0.5	0.1	0.1	
-80	0.0	0.4		1.7		3.6		4.5		3.6		1.7		0.4		0.0	
-90	0.0																

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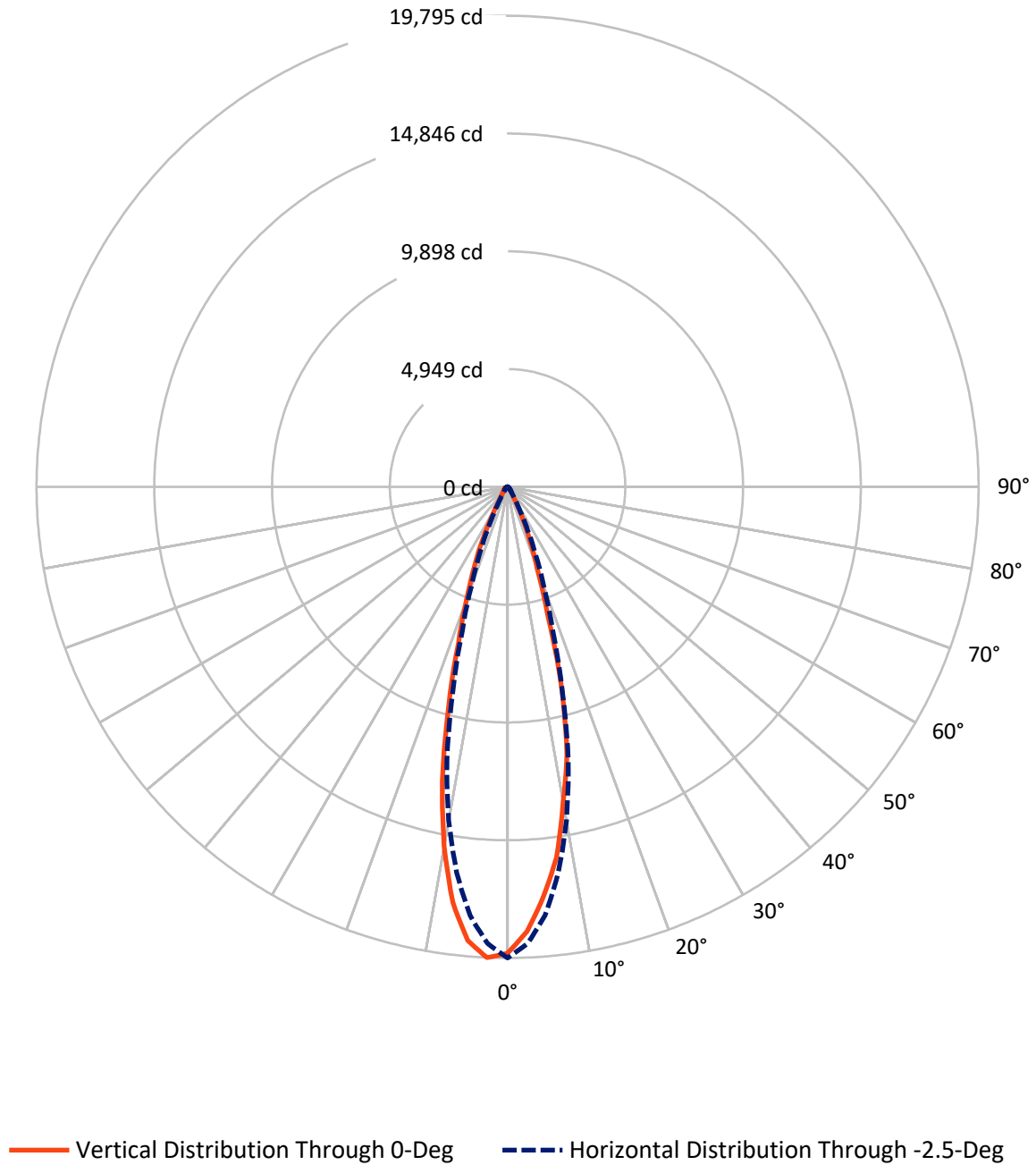
Scaled Data Report



REPORT NUMBER: P626714 (CONVERTED FROM TYPE C PHOTOMETRY)

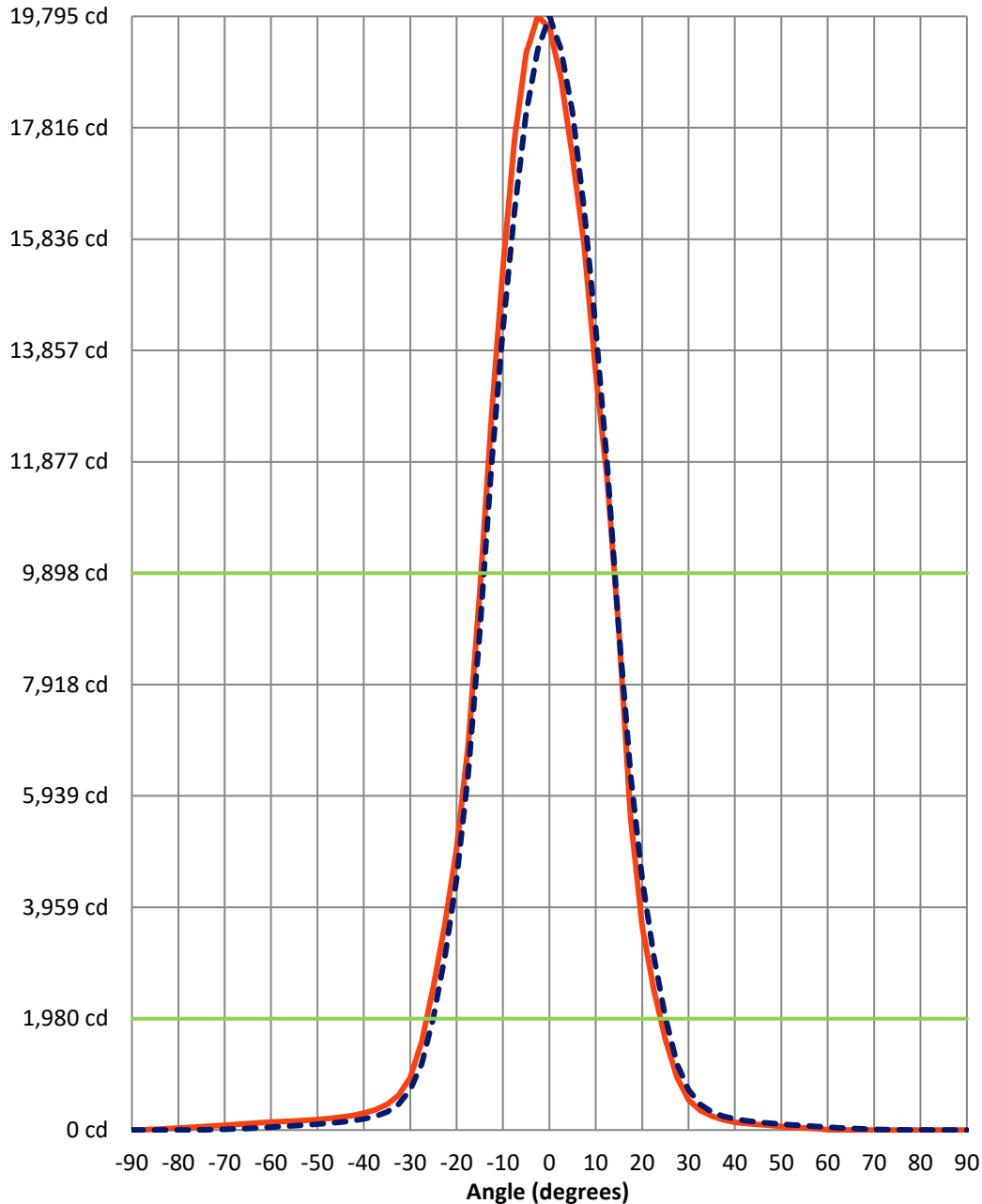
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 2807.2  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 4823.8  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 790.6  
 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	1	0
55°	0	0	0	0	0	0	0	0	1	1	0
52.5°	0	0	0	0	0	0	0	0	1	1	1
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	1	1	1	1	1	2
40°	0	0	0	0	0	1	1	1	1	1	3
37.5°	0	0	0	0	0	1	1	1	1	2	4
35°	0	0	0	0	0	1	1	1	2	3	5
32.5°	0	0	0	0	0	1	1	1	2	4	7
30°	0	0	0	0	1	1	1	1	3	5	8
27.5°	0	0	0	0	1	1	1	2	4	6	10
25°	0	0	0	0	1	1	1	2	4	8	12
22.5°	0	0	0	0	1	1	1	3	5	9	14
20°	0	0	0	0	1	1	1	3	6	10	16
17.5°	0	0	0	0	1	1	1	4	7	12	18
15°	0	0	0	0	1	1	1	4	8	13	20
12.5°	0	0	0	0	1	1	2	5	8	14	21
10°	0	0	0	0	1	1	2	5	9	16	23
7.5°	0	0	0	0	1	1	2	6	10	17	24
5°	0	0	0	0	1	1	2	7	10	18	25
2.5°	0	0	0	0	1	1	2	7	11	19	26
0°	0	0	0	0	1	1	2	7	11	20	27
-2.5°	0	0	0	0	1	1	3	8	12	21	28
-5°	0	0	0	0	1	1	3	8	13	21	29
-7.5°	0	0	0	0	1	2	4	8	14	22	29
-10°	0	0	0	0	1	2	4	8	15	22	30
-12.5°	0	0	0	0	1	2	5	8	15	22	30
-15°	0	0	0	0	1	2	5	8	15	23	31
-17.5°	0	0	0	0	1	2	5	8	15	23	31
-20°	0	0	0	1	1	2	5	9	15	23	31

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CATALOG NUMBER: GFLD-SA1D-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	1	1	2	5	9	15	22	31
-25°	0	0	0	1	1	2	5	9	14	22	30
-27.5°	0	0	0	1	1	2	5	9	14	21	29
-30°	0	0	0	1	1	2	5	9	14	21	28
-32.5°	0	0	0	1	1	2	5	9	14	20	27
-35°	0	0	0	0	1	2	5	9	13	19	26
-37.5°	0	0	0	0	2	3	5	9	13	18	25
-40°	0	0	0	0	2	3	5	9	13	18	24
-42.5°	0	0	0	0	2	3	5	8	12	17	24
-45°	0	0	0	0	2	3	5	8	12	16	22
-47.5°	0	0	0	0	1	3	4	8	11	15	21
-50°	0	0	0	0	1	3	4	7	11	15	20
-52.5°	0	0	0	0	1	2	4	7	10	14	18
-55°	0	0	0	0	1	2	4	6	9	13	17
-57.5°	0	0	0	0	1	2	4	5	8	12	15
-60°	0	0	0	0	1	2	3	5	7	10	14
-62.5°	0	0	0	0	1	2	3	4	7	9	12
-65°	0	0	0	0	1	2	3	4	6	8	11
-67.5°	0	0	0	0	1	2	3	4	5	7	9
-70°	0	0	0	0	1	1	2	3	4	6	8
-72.5°	0	0	0	0	1	1	2	3	4	5	7
-75°	0	0	0	0	1	1	2	2	3	4	5
-77.5°	0	0	0	0	0	1	2	2	2	3	4
-80°	0	0	0	0	0	1	1	2	2	2	3
-82.5°	0	0	0	0	0	1	1	1	1	2	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	1
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA1D-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	1	1	1	1	1	3
57.5°	0	0	1	1	1	1	2	2	4	6	7
55°	0	1	1	1	2	3	4	6	8	11	13
52.5°	1	1	1	2	4	5	8	11	14	17	19
50°	1	1	2	4	6	9	13	17	20	22	26
47.5°	2	2	4	6	10	14	19	22	25	30	35
45°	2	4	6	9	14	20	24	27	32	37	43
42.5°	3	6	9	12	19	25	29	34	39	45	51
40°	5	7	12	18	24	30	35	40	46	53	59
37.5°	6	10	15	22	29	35	41	47	54	61	68
35°	8	13	19	27	34	41	48	55	63	71	79
32.5°	10	16	23	31	39	47	54	63	72	80	90
30°	13	19	27	35	43	52	61	71	80	89	100
27.5°	16	22	30	39	47	56	68	78	87	98	109
25°	18	25	34	42	51	62	74	85	94	106	120
22.5°	21	28	37	45	55	68	80	92	103	115	131
20°	23	31	41	50	60	73	86	99	112	127	145
17.5°	26	34	44	54	65	79	93	107	121	139	162
15°	28	37	48	58	70	84	99	114	131	152	178
12.5°	30	40	51	62	75	89	104	120	140	165	197
10°	32	42	54	66	79	93	109	126	147	174	211
7.5°	34	44	57	69	82	97	113	130	152	181	222
5°	35	46	59	71	85	100	116	134	157	187	231
2.5°	36	48	61	73	87	102	118	137	160	192	238
0°	37	50	62	75	88	103	120	138	162	197	243
-2.5°	39	52	64	76	90	105	121	140	164	198	244
-5°	40	53	65	78	91	106	122	140	165	198	245
-7.5°	40	54	66	78	92	106	122	141	166	198	245
-10°	41	54	66	79	93	107	122	141	165	196	240
-12.5°	41	54	67	79	93	107	122	140	163	192	233
-15°	42	54	67	79	93	107	121	138	159	187	223
-17.5°	42	54	66	79	92	106	120	135	156	182	216
-20°	42	54	66	77	91	105	118	134	152	176	206

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CATALOG NUMBER: GFLD-SA1D-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°	42	54	65	76	90	103	117	131	148	168	195
-25°	41	53	64	75	88	101	114	128	144	163	186
-27.5°	40	52	63	74	86	98	111	124	139	157	176
-30°	39	50	61	72	84	95	107	121	134	150	168
-32.5°	37	49	59	70	81	93	104	116	129	143	160
-35°	35	46	57	68	79	90	100	111	124	137	151
-37.5°	34	44	55	65	75	86	96	106	118	130	143
-40°	33	42	52	62	72	82	92	101	112	124	136
-42.5°	31	40	50	59	68	78	88	97	107	118	129
-45°	30	38	47	56	65	74	83	93	102	112	123
-47.5°	28	36	45	53	62	71	79	88	97	107	116
-50°	26	34	42	49	58	67	75	83	91	101	110
-52.5°	24	31	39	46	53	62	70	78	86	94	103
-55°	22	29	35	42	49	57	65	73	81	88	96
-57.5°	20	25	32	38	45	51	59	67	74	82	89
-60°	18	22	28	34	40	47	53	60	68	75	82
-62.5°	16	20	24	30	36	42	48	54	61	67	73
-65°	14	17	21	26	31	36	42	48	54	59	63
-67.5°	12	15	18	22	26	30	35	40	46	50	55
-70°	10	12	15	18	21	25	29	33	37	42	46
-72.5°	9	10	12	14	17	21	24	27	31	34	38
-75°	7	8	10	12	14	16	19	22	25	28	31
-77.5°	5	7	8	9	11	13	15	17	20	22	24
-80°	4	5	6	7	8	10	11	12	14	16	18
-82.5°	3	3	4	5	6	6	7	8	9	11	12
-85°	1	2	2	3	3	4	4	5	5	6	7
-87.5°	1	1	1	1	2	2	2	2	2	2	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA1D-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	1	1	1	1	1	2	2	2	2	2
60°	3	3	5	6	6	4	6	7	7	6	6
57.5°	9	11	13	13	15	17	18	18	18	19	21
55°	15	17	18	21	23	26	28	29	30	32	34
52.5°	21	24	26	28	32	34	35	38	41	43	45
50°	30	33	36	39	43	46	48	52	56	60	63
47.5°	39	43	47	52	56	59	62	66	72	77	80
45°	48	52	57	62	66	70	75	81	87	92	96
42.5°	55	60	66	71	75	81	88	94	101	108	113
40°	64	69	77	83	88	95	104	113	122	130	135
37.5°	75	83	92	99	106	114	128	141	152	162	170
35°	88	98	109	116	126	142	159	177	196	210	224
32.5°	100	111	122	134	149	171	192	222	250	278	304
30°	111	123	137	152	177	207	242	287	337	386	442
27.5°	123	136	152	177	214	255	320	391	493	575	708
25°	135	150	172	212	263	336	448	575	787	967	1170
22.5°	150	174	205	255	340	470	645	923	1247	1548	1835
20°	169	201	254	333	456	656	987	1409	1860	2300	2726
17.5°	194	244	320	433	607	1028	1521	2123	2895	3475	4024
15°	216	280	395	578	905	1447	2135	3058	4097	4971	5959
12.5°	243	321	459	696	1163	1880	2757	3858	5088	6414	7962
10°	267	362	539	866	1433	2267	3250	4542	6122	7998	9954
7.5°	285	396	607	993	1660	2584	3757	5329	7329	9522	11753
5°	298	422	660	1093	1853	2842	4127	5951	8231	10748	12966
2.5°	309	441	695	1154	1983	3018	4380	6282	8783	11548	13878
0°	318	452	714	1198	2044	3101	4497	6415	9041	11940	14336
-2.5°	321	458	715	1183	2007	3096	4470	6333	8863	11785	14239
-5°	322	455	697	1151	1942	2985	4291	6022	8318	11059	13546
-7.5°	319	443	661	1074	1795	2789	4041	5561	7442	9859	12429
-10°	311	422	611	969	1593	2483	3652	4936	6439	8412	10495
-12.5°	295	390	543	813	1355	2137	3172	4307	5478	6775	8488
-15°	277	358	487	718	1134	1773	2611	3570	4542	5535	6580
-17.5°	263	329	430	591	871	1387	2058	2828	3617	4405	5109
-20°	245	296	374	499	703	1008	1512	2112	2701	3344	3884

Classified

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

Scaled Data Report



REPORT NUMBER: P626714 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	229	272	331	409	546	761	1049	1471	1919	2386	2829
-25°	213	246	293	356	438	566	756	976	1291	1578	1907
-27.5°	201	228	260	307	368	439	555	684	849	986	1205
-30°	188	210	236	267	312	365	428	506	587	667	773
-32.5°	177	195	216	240	268	308	347	397	441	490	540
-35°	166	182	199	218	240	266	295	328	358	387	413
-37.5°	156	169	184	199	217	235	258	281	301	320	336
-40°	148	159	171	184	198	213	230	248	261	273	284
-42.5°	140	150	160	171	182	196	210	223	232	240	247
-45°	133	142	151	159	169	181	193	203	210	216	221
-47.5°	125	133	141	149	158	168	177	185	191	197	201
-50°	118	126	133	140	148	156	164	171	176	181	184
-52.5°	111	118	125	132	139	145	152	158	164	169	171
-55°	104	111	117	124	130	137	142	148	153	158	159
-57.5°	97	104	111	116	122	127	133	138	143	147	149
-60°	89	96	102	107	113	118	123	128	132	137	139
-62.5°	79	86	92	97	101	106	110	115	119	123	125
-65°	68	74	80	84	89	93	97	101	105	107	109
-67.5°	59	63	68	72	76	80	84	88	91	93	95
-70°	50	53	57	61	65	69	72	75	78	80	82
-72.5°	41	45	48	52	55	58	61	64	66	68	70
-75°	33	36	39	42	45	48	50	52	54	56	57
-77.5°	27	29	31	33	36	38	39	41	43	44	45
-80°	20	21	23	25	26	28	29	31	32	33	34
-82.5°	13	15	16	17	19	19	20	21	21	22	23
-85°	8	9	9	10	11	12	12	13	13	14	14
-87.5°	3	3	4	4	5	5	5	5	5	5	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626714 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-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	2	2	2	2
60°	5	5	5	5	5	5	5	6	6	7	7
57.5°	23	25	26	26	26	25	23	21	19	18	18
55°	35	37	37	36	37	37	35	34	32	30	29
52.5°	46	46	46	45	46	46	46	45	43	41	38
50°	63	63	63	64	63	63	63	63	60	56	52
47.5°	82	82	83	82	83	82	82	80	77	72	66
45°	97	99	99	99	99	99	97	96	92	87	81
42.5°	114	115	116	116	116	115	114	113	108	101	94
40°	137	138	137	137	137	138	137	135	130	122	113
37.5°	175	178	179	182	179	178	175	170	162	152	141
35°	234	241	244	249	244	241	234	224	210	196	177
32.5°	323	336	343	350	343	336	323	304	278	250	222
30°	481	506	517	536	517	506	481	442	386	337	287
27.5°	805	866	890	940	890	866	805	708	575	493	391
25°	1355	1487	1559	1617	1559	1487	1355	1170	967	787	575
22.5°	2125	2318	2421	2497	2421	2318	2125	1835	1548	1247	923
20°	3112	3367	3518	3628	3518	3367	3112	2726	2300	1860	1409
17.5°	4730	5130	5363	5564	5363	5130	4730	4024	3475	2895	2123
15°	7062	7864	8488	8836	8488	7864	7062	5959	4971	4097	3058
12.5°	9330	10506	11204	11525	11204	10506	9330	7962	6414	5088	3858
10°	11573	12682	13346	13464	13346	12682	11573	9954	7998	6122	4542
7.5°	13290	14509	15392	15713	15392	14509	13290	11753	9522	7329	5329
5°	14807	16234	17169	17287	17169	16234	14807	12966	10748	8231	5951
2.5°	15923	17474	18381	18692	18381	17474	15923	13878	11548	8783	6282
0°	16462	18134	19142	19596	19142	18134	16462	14336	11940	9041	6415
-2.5°	16349	18077	19203	19795	19203	18077	16349	14239	11785	8863	6333
-5°	15727	17461	18510	19140	18510	17461	15727	13546	11059	8318	6022
-7.5°	14294	15915	17032	17613	17032	15915	14294	12429	9859	7442	5561
-10°	12447	13819	14837	15332	14837	13819	12447	10495	8412	6439	4936
-12.5°	10046	11377	12296	12646	12296	11377	10046	8488	6775	5478	4307
-15°	7697	8713	9366	9572	9366	8713	7697	6580	5535	4542	3570
-17.5°	5837	6384	6751	6850	6751	6384	5837	5109	4405	3617	2828
-20°	4373	4712	4950	5007	4950	4712	4373	3884	3344	2701	2112

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Scaled Data Report



REPORT NUMBER: P626714 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	3186	3441	3634	3672	3634	3441	3186	2829	2386	1919	1471
-25°	2198	2411	2542	2551	2542	2411	2198	1907	1578	1291	976
-27.5°	1378	1495	1555	1577	1555	1495	1378	1205	986	849	684
-30°	852	905	934	935	934	905	852	773	667	587	506
-32.5°	578	604	618	618	618	604	578	540	490	441	397
-35°	433	446	454	455	454	446	433	413	387	358	328
-37.5°	348	356	360	360	360	356	348	336	320	301	281
-40°	291	296	300	302	300	296	291	284	273	261	248
-42.5°	252	255	257	256	257	255	252	247	240	232	223
-45°	224	226	228	228	228	226	224	221	216	210	203
-47.5°	202	203	204	204	204	203	202	201	197	191	185
-50°	185	186	186	186	186	186	185	184	181	176	171
-52.5°	171	172	172	172	172	172	171	171	169	164	158
-55°	160	160	161	161	161	160	160	159	158	153	148
-57.5°	150	151	151	151	151	151	150	149	147	143	138
-60°	140	141	142	142	142	141	140	139	137	132	128
-62.5°	126	128	128	128	128	128	126	125	123	119	115
-65°	110	112	113	115	113	112	110	109	107	105	101
-67.5°	96	97	98	100	98	97	96	95	93	91	88
-70°	83	84	85	85	85	84	83	82	80	78	75
-72.5°	71	72	72	72	72	72	71	70	68	66	64
-75°	58	59	60	60	60	59	58	57	56	54	52
-77.5°	46	47	47	47	47	47	46	45	44	43	41
-80°	35	36	35	35	35	36	35	34	33	32	31
-82.5°	24	25	24	24	24	25	24	23	22	21	21
-85°	15	15	14	14	14	15	15	14	14	13	13
-87.5°	6	6	6	5	6	6	6	6	5	5	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626714 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-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°	2	1	1	1	1	1	0	0	0	0	0
60°	6	4	6	6	5	3	3	3	1	1	1
57.5°	18	17	15	13	13	11	9	7	6	4	2
55°	28	26	23	21	18	17	15	13	11	8	6
52.5°	35	34	32	28	26	24	21	19	17	14	11
50°	48	46	43	39	36	33	30	26	22	20	17
47.5°	62	59	56	52	47	43	39	35	30	25	22
45°	75	70	66	62	57	52	48	43	37	32	27
42.5°	88	81	75	71	66	60	55	51	45	39	34
40°	104	95	88	83	77	69	64	59	53	46	40
37.5°	128	114	106	99	92	83	75	68	61	54	47
35°	159	142	126	116	109	98	88	79	71	63	55
32.5°	192	171	149	134	122	111	100	90	80	72	63
30°	242	207	177	152	137	123	111	100	89	80	71
27.5°	320	255	214	177	152	136	123	109	98	87	78
25°	448	336	263	212	172	150	135	120	106	94	85
22.5°	645	470	340	255	205	174	150	131	115	103	92
20°	987	656	456	333	254	201	169	145	127	112	99
17.5°	1521	1028	607	433	320	244	194	162	139	121	107
15°	2135	1447	905	578	395	280	216	178	152	131	114
12.5°	2757	1880	1163	696	459	321	243	197	165	140	120
10°	3250	2267	1433	866	539	362	267	211	174	147	126
7.5°	3757	2584	1660	993	607	396	285	222	181	152	130
5°	4127	2842	1853	1093	660	422	298	231	187	157	134
2.5°	4380	3018	1983	1154	695	441	309	238	192	160	137
0°	4497	3101	2044	1198	714	452	318	243	197	162	138
-2.5°	4470	3096	2007	1183	715	458	321	244	198	164	140
-5°	4291	2985	1942	1151	697	455	322	245	198	165	140
-7.5°	4041	2789	1795	1074	661	443	319	245	198	166	141
-10°	3652	2483	1593	969	611	422	311	240	196	165	141
-12.5°	3172	2137	1355	813	543	390	295	233	192	163	140
-15°	2611	1773	1134	718	487	358	277	223	187	159	138
-17.5°	2058	1387	871	591	430	329	263	216	182	156	135
-20°	1512	1008	703	499	374	296	245	206	176	152	134

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REPORT NUMBER: P626714 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	1049	761	546	409	331	272	229	195	168	148	131
-25°	756	566	438	356	293	246	213	186	163	144	128
-27.5°	555	439	368	307	260	228	201	176	157	139	124
-30°	428	365	312	267	236	210	188	168	150	134	121
-32.5°	347	308	268	240	216	195	177	160	143	129	116
-35°	295	266	240	218	199	182	166	151	137	124	111
-37.5°	258	235	217	199	184	169	156	143	130	118	106
-40°	230	213	198	184	171	159	148	136	124	112	101
-42.5°	210	196	182	171	160	150	140	129	118	107	97
-45°	193	181	169	159	151	142	133	123	112	102	93
-47.5°	177	168	158	149	141	133	125	116	107	97	88
-50°	164	156	148	140	133	126	118	110	101	91	83
-52.5°	152	145	139	132	125	118	111	103	94	86	78
-55°	142	137	130	124	117	111	104	96	88	81	73
-57.5°	133	127	122	116	111	104	97	89	82	74	67
-60°	123	118	113	107	102	96	89	82	75	68	60
-62.5°	110	106	101	97	92	86	79	73	67	61	54
-65°	97	93	89	84	80	74	68	63	59	54	48
-67.5°	84	80	76	72	68	63	59	55	50	46	40
-70°	72	69	65	61	57	53	50	46	42	37	33
-72.5°	61	58	55	52	48	45	41	38	34	31	27
-75°	50	48	45	42	39	36	33	31	28	25	22
-77.5°	39	38	36	33	31	29	27	24	22	20	17
-80°	29	28	26	25	23	21	20	18	16	14	12
-82.5°	20	19	19	17	16	15	13	12	11	9	8
-85°	12	12	11	10	9	9	8	7	6	5	5
-87.5°	5	5	5	4	4	3	3	3	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626714 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	1	0	0	0	0	0	0	0	0	0
57.5°	2	1	1	1	1	0	0	0	1	0	0
55°	4	3	2	1	1	1	0	0	1	1	0
52.5°	8	5	4	2	1	1	1	1	1	1	0
50°	13	9	6	4	2	1	1	1	1	1	1
47.5°	19	14	10	6	4	2	2	1	1	1	1
45°	24	20	14	9	6	4	2	1	1	1	1
42.5°	29	25	19	12	9	6	3	2	1	1	1
40°	35	30	24	18	12	7	5	3	1	1	1
37.5°	41	35	29	22	15	10	6	4	2	1	1
35°	48	41	34	27	19	13	8	5	3	2	1
32.5°	54	47	39	31	23	16	10	7	4	2	1
30°	61	52	43	35	27	19	13	8	5	3	1
27.5°	68	56	47	39	30	22	16	10	6	4	2
25°	74	62	51	42	34	25	18	12	8	4	2
22.5°	80	68	55	45	37	28	21	14	9	5	3
20°	86	73	60	50	41	31	23	16	10	6	3
17.5°	93	79	65	54	44	34	26	18	12	7	4
15°	99	84	70	58	48	37	28	20	13	8	4
12.5°	104	89	75	62	51	40	30	21	14	8	5
10°	109	93	79	66	54	42	32	23	16	9	5
7.5°	113	97	82	69	57	44	34	24	17	10	6
5°	116	100	85	71	59	46	35	25	18	10	7
2.5°	118	102	87	73	61	48	36	26	19	11	7
0°	120	103	88	75	62	50	37	27	20	11	7
-2.5°	121	105	90	76	64	52	39	28	21	12	8
-5°	122	106	91	78	65	53	40	29	21	13	8
-7.5°	122	106	92	78	66	54	40	29	22	14	8
-10°	122	107	93	79	66	54	41	30	22	15	8
-12.5°	122	107	93	79	67	54	41	30	22	15	8
-15°	121	107	93	79	67	54	42	31	23	15	8
-17.5°	120	106	92	79	66	54	42	31	23	15	8
-20°	118	105	91	77	66	54	42	31	23	15	9

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REPORT NUMBER: P626714 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	117	103	90	76	65	54	42	31	22	15	9
-25°	114	101	88	75	64	53	41	30	22	14	9
-27.5°	111	98	86	74	63	52	40	29	21	14	9
-30°	107	95	84	72	61	50	39	28	21	14	9
-32.5°	104	93	81	70	59	49	37	27	20	14	9
-35°	100	90	79	68	57	46	35	26	19	13	9
-37.5°	96	86	75	65	55	44	34	25	18	13	9
-40°	92	82	72	62	52	42	33	24	18	13	9
-42.5°	88	78	68	59	50	40	31	24	17	12	8
-45°	83	74	65	56	47	38	30	22	16	12	8
-47.5°	79	71	62	53	45	36	28	21	15	11	8
-50°	75	67	58	49	42	34	26	20	15	11	7
-52.5°	70	62	53	46	39	31	24	18	14	10	7
-55°	65	57	49	42	35	29	22	17	13	9	6
-57.5°	59	51	45	38	32	25	20	15	12	8	5
-60°	53	47	40	34	28	22	18	14	10	7	5
-62.5°	48	42	36	30	24	20	16	12	9	7	4
-65°	42	36	31	26	21	17	14	11	8	6	4
-67.5°	35	30	26	22	18	15	12	9	7	5	4
-70°	29	25	21	18	15	12	10	8	6	4	3
-72.5°	24	21	17	14	12	10	9	7	5	4	3
-75°	19	16	14	12	10	8	7	5	4	3	2
-77.5°	15	13	11	9	8	7	5	4	3	2	2
-80°	11	10	8	7	6	5	4	3	2	2	2
-82.5°	7	6	6	5	4	3	3	2	2	1	1
-85°	4	4	3	3	2	2	1	1	1	1	1
-87.5°	2	2	2	1	1	1	1	1	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: P626714 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	1	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	1	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°	2	1	1	0	0	0	0
10°	2	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°	4	2	1	0	0	0	0
-10°	4	2	1	0	0	0	0
-12.5°	5	2	1	0	0	0	0
-15°	5	2	1	0	0	0	0
-17.5°	5	2	1	0	0	0	0
-20°	5	2	1	1	0	0	0

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

**CANDELA DISTRIBUTION (continued):**

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