

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: P626556 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-735-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P626556 (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-SA1A-735-U-MWR-VSR-XX  
 Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
 WITH VISOR  
 Light Source: (16) 3500K CCT, 70 CRI LEDS  
 Ballast/Driver: -

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 5V
Luminaire Lumens:	2603.3 lumens	Max Intensity:	3647.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -12.5°V
Efficacy:	143.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	46.4°H x 49.6°V	Field Angle (10%):	69.9°H x 73.3°V
Beam Lumens:	1743.7 lumens	Field Lumens:	2347.7 lumens
Beam Efficiency:	67.0%	Field Efficiency:	90.2%

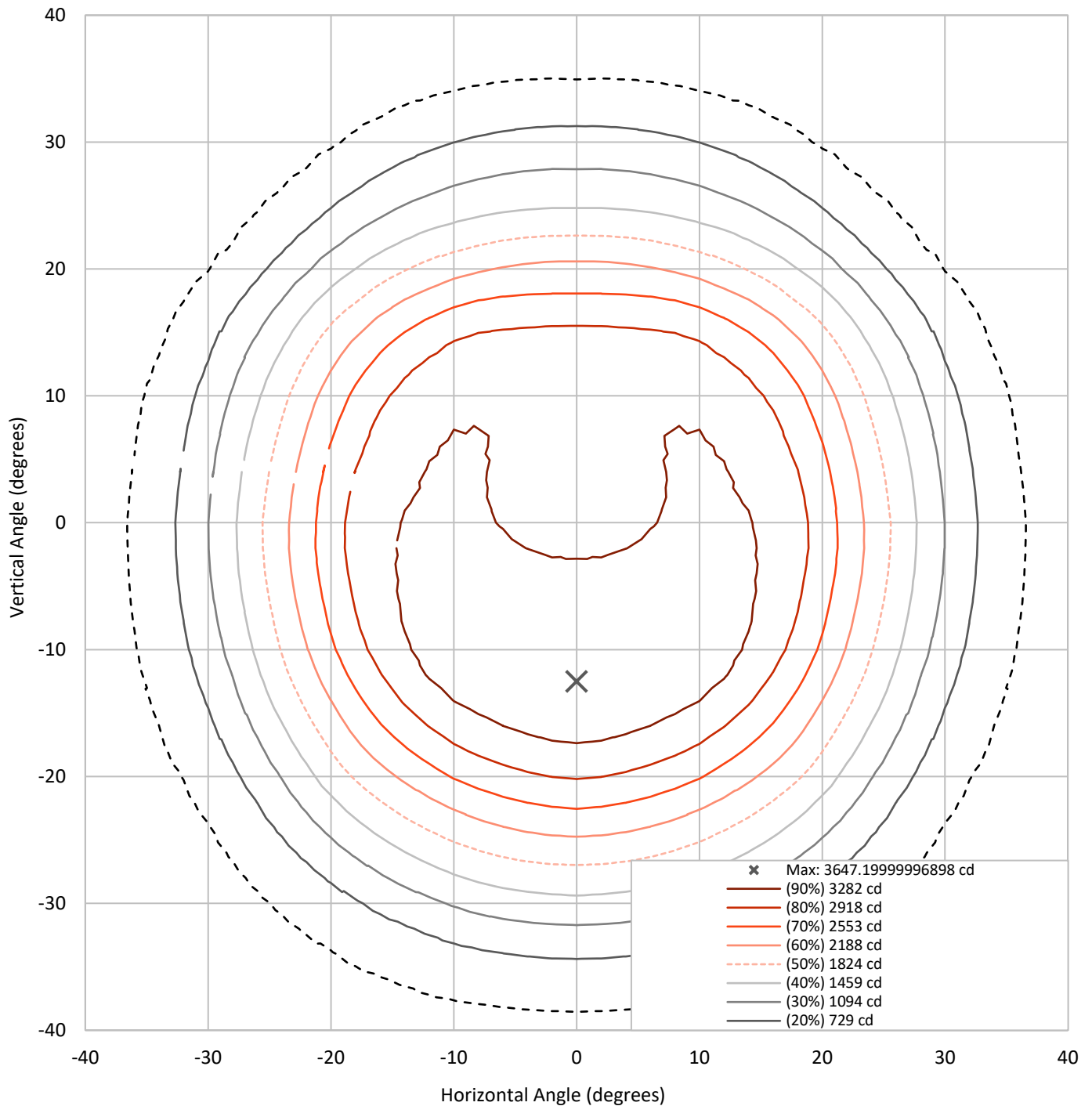
Input Watts (W): 18.1  
 Input Voltage (V): 120  
 Input Current (A<sub>in</sub>): NR  
 Voltage Rise (V): NR  
 Power Factor: NR  
 Total Harmonic Distortion (THDi): NR  
 Frequency (hertz): 60  
 Stabilization Time: NR  
 Operation Time: NR  
 Ambient Temperature (°C): NR  
 Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA1A-735-U-MWR-VSR-XX

### Iso-Candela Plot





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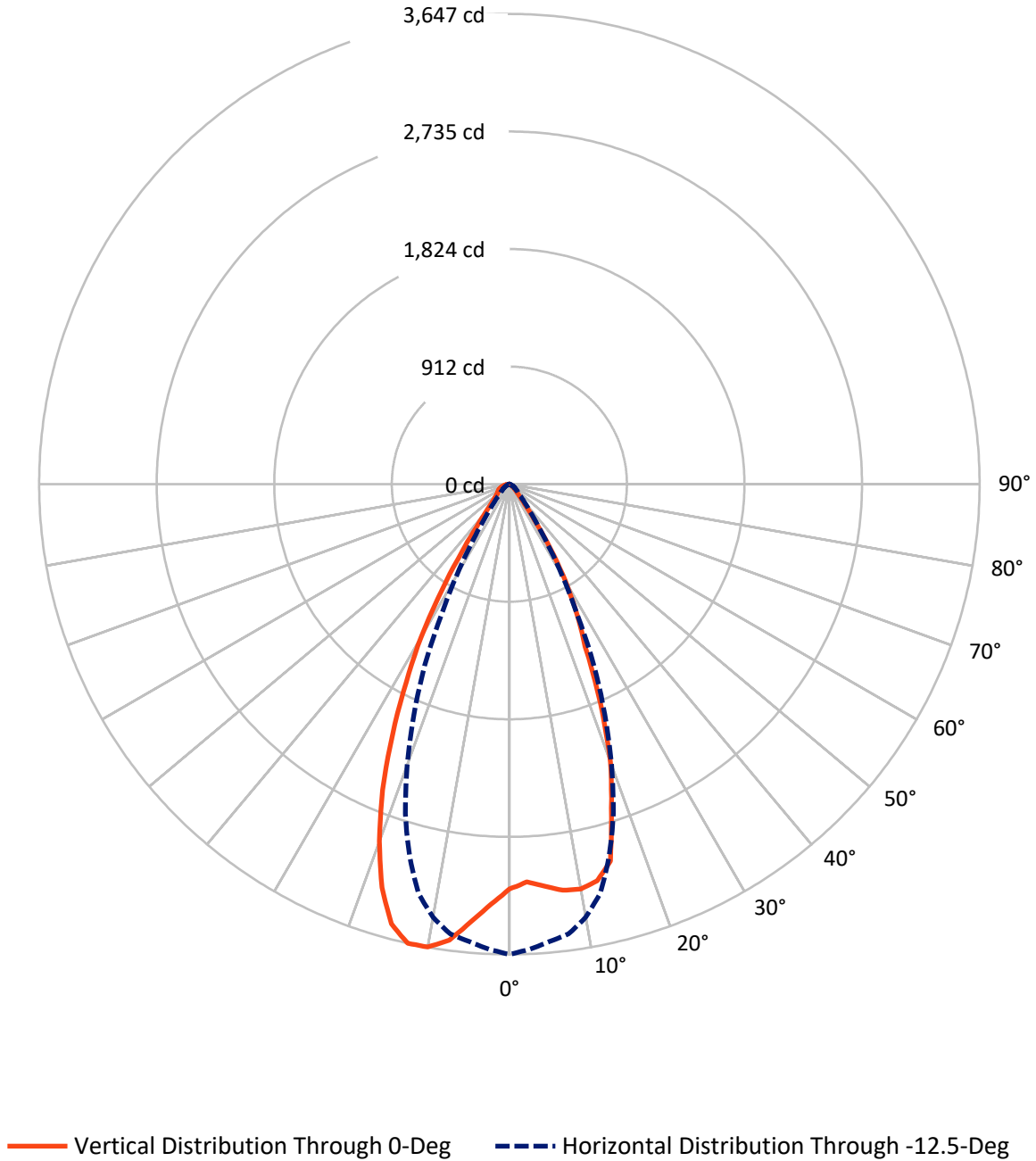
CATALOG NUMBER: GFLD-SA1A-735-U-MWR-VSR-XX

### 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	0.2	0.4	0.5	0.6	0.6	0.5	0.4	0.2	0.1	0.0		0.0							
40	0.0	0.0	0.1	0.4	0.7	1.2	1.8	2.2	2.2	1.8	1.2	0.7	0.4	0.1	0.0	0.0							
30		0.0	0.3	0.8	1.6	3.4	7.7	11.7	11.7	7.7	3.4	1.6	0.8	0.3	0.0								
20	0.0	0.1	0.5	1.2	3.3	12.1	31.2	43.6	43.6	31.2	12.1	3.3	1.2	0.5	0.1	0.0							
10		0.2	0.7	1.9	7.8	33.6	70.1	86.8	86.8	70.1	33.6	7.8	1.9	0.7	0.2								
0	0.1	0.2	0.8	2.4	12.4	49.5	90.4	98.0	98.0	90.4	49.5	12.4	2.4	0.8	0.2	0.1							
-10		0.3	0.9	2.6	12.9	51.1	93.6	104.0	104.0	93.6	51.1	12.9	2.6	0.9	0.3								
-20	0.1	0.3	0.9	2.4	9.3	38.1	79.0	100.9	100.9	79.0	38.1	9.3	2.4	0.9	0.3	0.1							
-30		0.3	0.9	2.0	5.2	18.5	44.0	61.9	61.9	44.0	18.5	5.2	2.0	0.9	0.3								
-40	0.1	0.2	0.8	1.6	3.1	6.6	13.8	20.4	20.4	13.8	6.6	3.1	1.6	0.8	0.2	0.1							
-50		0.2	0.7	1.4	2.3	3.3	4.7	5.6	5.6	4.7	3.3	2.3	1.4	0.7	0.2								
-60	0.0	0.2	0.5	1.1	1.8	2.5	3.1	3.4	3.4	3.1	2.5	1.8	1.1	0.5	0.2	0.0							
-70		0.1	0.3	0.7	1.2	1.8	2.2	2.5	2.5	2.2	1.8	1.2	0.7	0.3	0.1								
-80	0.0	0.3	1.3	2.8	3.6	2.8	1.3	0.3	0.0														
-90																							
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90				

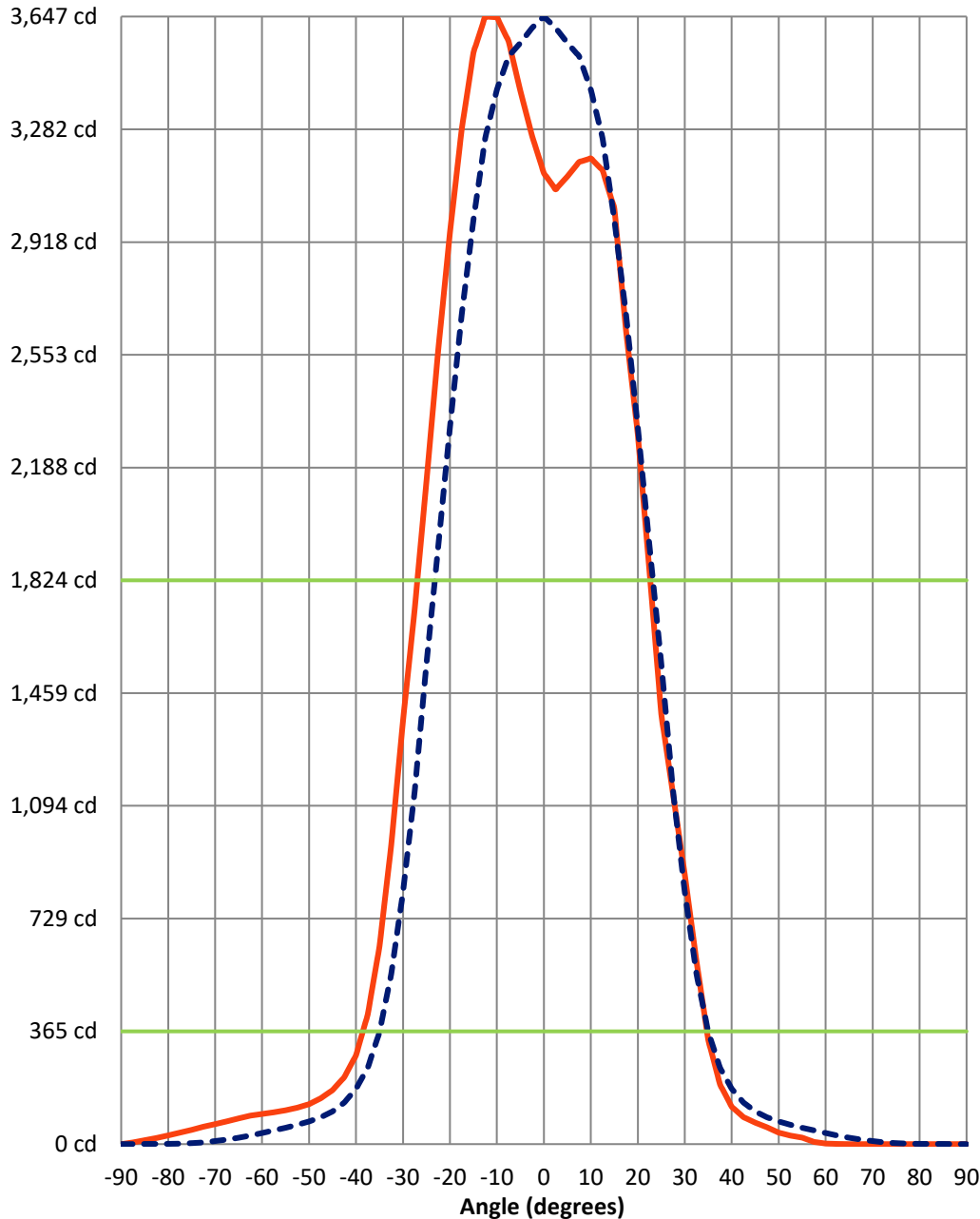
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 1743.7  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 2347.7  
 Efficiency: 90.2%

**Spill:**  
 Lumens: 255.6  
 Efficiency: 9.8%

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

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CATALOG NUMBER: GFLD-SA1A-735-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	1	2	3	6	10	15	20
-25°	0	0	1	1	1	2	3	6	10	14	19
-27.5°	0	0	1	1	1	2	3	6	9	14	19
-30°	0	0	1	1	1	2	3	6	9	13	18
-32.5°	0	0	1	1	1	2	3	6	9	13	18
-35°	0	0	1	1	1	2	3	6	9	13	17
-37.5°	0	0	1	1	1	2	3	6	8	12	16
-40°	0	0	0	1	1	2	3	5	8	12	16
-42.5°	0	0	0	1	1	2	3	5	8	11	16
-45°	0	0	0	1	1	2	3	5	7	10	15
-47.5°	0	0	0	1	1	2	3	5	7	10	14
-50°	0	0	0	1	1	2	3	5	7	9	13
-52.5°	0	0	1	1	1	2	3	4	6	9	12
-55°	0	0	1	1	1	2	3	4	6	8	11
-57.5°	0	0	1	1	1	2	3	4	6	8	10
-60°	0	0	1	1	1	2	3	4	5	7	9
-62.5°	0	0	0	1	1	2	2	3	5	7	9
-65°	0	0	0	1	1	1	2	3	4	6	8
-67.5°	0	0	0	1	1	1	2	3	4	5	7
-70°	0	0	0	1	1	1	2	2	3	5	6
-72.5°	0	0	0	1	1	1	2	2	3	4	5
-75°	0	0	0	1	1	1	1	2	2	3	4
-77.5°	0	0	0	0	1	1	1	2	2	3	3
-80°	0	0	0	0	1	1	1	1	2	2	3
-82.5°	0	0	0	0	0	1	1	1	2	2	2
-85°	0	0	0	0	0	0	1	1	1	1	2
-87.5°	0	0	0	0	0	0	0	0	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	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°	1	1	0	0	1	1	0	0	0	1	1
57.5°	1	1	1	1	1	1	1	1	2	4	4
55°	1	1	1	1	1	1	2	3	5	6	7
52.5°	1	1	1	1	1	2	4	6	8	9	11
50°	1	1	1	2	3	5	7	9	11	13	15
47.5°	1	1	2	3	5	8	10	13	15	18	21
45°	1	2	3	5	7	11	14	17	20	23	26
42.5°	2	3	4	7	11	14	18	21	24	27	31
40°	2	4	6	10	14	19	22	25	28	32	37
37.5°	4	6	8	13	18	22	26	29	33	39	44
35°	5	7	11	16	22	26	30	34	40	46	53
32.5°	6	9	14	19	25	29	33	40	46	53	62
30°	8	11	16	23	27	32	38	45	51	60	70
27.5°	9	13	19	25	30	35	43	50	57	66	79
25°	11	16	22	28	33	39	48	55	62	74	91
22.5°	12	18	24	30	35	43	52	61	71	83	104
20°	14	20	27	32	38	47	57	68	81	98	126
17.5°	16	22	29	35	42	51	63	75	91	113	154
15°	18	24	31	38	45	56	68	84	103	130	181
12.5°	19	26	33	40	49	59	73	90	113	151	215
10°	21	27	35	43	52	63	77	95	121	166	241
7.5°	22	29	37	45	54	66	80	99	128	178	261
5°	23	30	38	47	56	68	83	102	133	187	276
2.5°	24	32	40	48	58	70	86	105	139	194	289
0°	24	33	41	50	59	72	87	108	143	199	300
-2.5°	25	34	42	51	60	73	88	109	145	200	298
-5°	26	35	43	51	62	73	88	110	145	198	291
-7.5°	27	35	44	52	62	74	88	110	143	195	282
-10°	27	35	44	52	63	74	88	108	140	189	267
-12.5°	28	36	44	53	62	73	87	106	134	179	247
-15°	28	36	44	53	62	72	85	102	127	166	223
-17.5°	28	36	44	52	62	71	82	98	121	155	206
-20°	28	36	44	51	61	70	81	95	115	144	185

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CATALOG NUMBER: GFLD-SA1A-735-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°	28	36	44	51	60	69	79	91	108	132	165
-25°	27	35	43	50	58	67	76	87	102	123	151
-27.5°	26	35	42	49	57	66	74	84	97	113	135
-30°	25	34	41	48	56	64	72	80	92	106	123
-32.5°	24	32	40	47	54	62	70	77	87	99	113
-35°	23	31	38	45	52	60	67	74	82	93	105
-37.5°	22	30	37	43	50	58	65	72	79	87	98
-40°	22	28	35	42	48	55	62	69	75	83	92
-42.5°	21	27	34	40	46	53	59	66	72	80	88
-45°	20	26	32	38	44	50	56	62	69	76	83
-47.5°	19	24	30	36	42	48	54	60	66	72	79
-50°	17	23	28	33	39	45	51	57	62	68	74
-52.5°	16	21	26	31	36	41	47	53	59	64	70
-55°	14	19	24	29	33	38	43	49	55	60	66
-57.5°	13	17	21	26	31	35	40	45	51	56	62
-60°	12	15	19	23	28	33	37	42	47	52	57
-62.5°	11	14	17	20	25	29	34	38	43	47	52
-65°	10	12	15	18	21	25	30	34	38	42	46
-67.5°	9	11	13	15	18	21	25	29	33	37	40
-70°	8	9	11	13	15	18	21	24	28	31	34
-72.5°	6	8	9	11	13	15	18	20	23	26	29
-75°	5	6	8	9	11	13	15	17	19	21	24
-77.5°	4	5	6	7	8	10	12	13	15	17	19
-80°	3	4	5	6	7	8	9	10	11	13	14
-82.5°	3	3	3	4	5	5	6	7	8	9	10
-85°	2	2	2	3	3	4	4	4	5	6	7
-87.5°	1	1	1	1	2	2	2	2	2	3	3
-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	0	0	0	0	0
60°	2	1	2	2	2	1	2	2	2	2	2
57.5°	4	5	5	6	7	7	8	8	9	9	9
55°	8	9	11	12	13	15	17	17	17	17	18
52.5°	12	14	15	16	19	20	21	23	24	26	27
50°	18	19	21	23	26	27	28	30	33	36	37
47.5°	23	25	29	33	35	37	39	42	46	49	52
45°	29	32	37	40	43	46	49	53	58	63	67
42.5°	35	39	43	47	50	55	61	66	73	80	84
40°	42	46	52	57	63	70	80	89	98	109	117
37.5°	50	56	65	73	82	92	110	128	143	165	176
35°	60	70	82	94	109	132	158	194	231	262	292
32.5°	71	84	100	122	147	185	224	290	354	418	481
30°	83	101	126	156	198	256	331	432	542	639	726
27.5°	98	123	156	202	272	358	496	637	777	902	991
25°	116	150	197	272	373	516	701	873	1038	1160	1264
22.5°	142	194	260	355	539	738	959	1176	1361	1515	1617
20°	175	245	356	528	745	993	1277	1506	1733	1907	2062
17.5°	221	332	489	708	966	1298	1591	1846	2134	2312	2470
15°	263	405	629	908	1211	1562	1908	2220	2499	2694	2871
12.5°	315	483	740	1069	1400	1791	2150	2484	2757	2958	3082
10°	363	563	851	1195	1566	1974	2346	2694	2959	3114	3205
7.5°	400	629	941	1303	1694	2105	2498	2844	3097	3227	3289
5°	430	678	1011	1391	1798	2219	2620	2958	3171	3278	3313
2.5°	452	713	1059	1449	1868	2302	2712	3045	3227	3304	3316
0°	467	737	1090	1486	1928	2332	2762	3100	3273	3335	3341
-2.5°	463	728	1088	1473	1921	2346	2770	3104	3288	3372	3386
-5°	454	708	1052	1435	1866	2292	2696	3049	3276	3402	3458
-7.5°	436	672	990	1363	1778	2204	2616	2982	3243	3420	3530
-10°	405	620	911	1272	1681	2086	2494	2874	3155	3369	3521
-12.5°	363	550	815	1143	1554	1933	2318	2682	2989	3253	3410
-15°	319	477	715	1015	1373	1746	2102	2459	2762	3009	3205
-17.5°	288	413	599	862	1176	1530	1877	2205	2479	2711	2917
-20°	248	342	489	710	986	1295	1629	1921	2165	2382	2579

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626556 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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°	217	293	399	550	798	1071	1343	1612	1842	2035	2203
-25°	189	242	325	447	609	844	1074	1301	1513	1693	1844
-27.5°	166	208	264	351	474	611	812	1002	1184	1349	1491
-30°	146	178	221	275	359	461	582	724	869	999	1129
-32.5°	131	154	184	224	271	344	417	513	605	699	792
-35°	118	136	157	184	216	258	307	365	414	476	533
-37.5°	109	122	138	155	178	201	234	269	300	334	363
-40°	102	112	122	134	150	166	187	207	226	247	263
-42.5°	96	104	111	120	129	142	156	169	181	193	203
-45°	91	97	103	110	117	126	136	145	153	160	166
-47.5°	85	91	96	102	108	114	121	127	133	139	142
-50°	80	86	90	95	100	106	111	115	120	124	126
-52.5°	75	81	85	90	94	99	103	107	111	115	116
-55°	71	76	81	85	89	92	96	100	104	107	108
-57.5°	67	72	77	80	84	87	91	94	98	101	102
-60°	62	68	72	75	79	82	86	89	92	95	96
-62.5°	56	61	65	68	72	74	78	82	85	88	90
-65°	50	54	57	61	64	67	70	73	76	79	81
-67.5°	44	47	50	53	56	59	62	65	68	70	71
-70°	38	41	43	46	49	51	54	57	59	61	62
-72.5°	32	34	37	39	42	44	46	48	51	52	54
-75°	26	28	31	33	35	37	38	40	42	43	44
-77.5°	21	22	24	26	28	29	31	32	33	34	35
-80°	16	17	18	20	21	22	23	24	25	26	27
-82.5°	11	12	13	14	15	16	16	17	18	18	19
-85°	7	8	8	9	9	10	10	11	11	11	12
-87.5°	3	4	4	4	4	5	5	5	5	5	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626556 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-735-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	0	0	0	0
60°	2	2	2	2	2	2	2	2	2	2	2
57.5°	9	8	8	7	8	8	9	9	9	9	8
55°	20	21	21	21	21	21	20	18	17	17	17
52.5°	28	28	28	28	28	28	28	27	26	24	23
50°	38	38	38	37	38	38	38	37	36	33	30
47.5°	53	54	54	54	54	54	53	52	49	46	42
45°	68	69	69	69	69	69	68	67	63	58	53
42.5°	86	87	88	87	88	87	86	84	80	73	66
40°	122	123	123	121	123	123	122	117	109	98	89
37.5°	185	191	193	193	193	191	185	176	165	143	128
35°	318	340	349	337	349	340	318	292	262	231	194
32.5°	532	570	591	591	591	570	532	481	418	354	290
30°	792	839	866	871	866	839	792	726	639	542	432
27.5°	1061	1110	1136	1132	1136	1110	1061	991	902	777	637
25°	1332	1369	1390	1391	1390	1369	1332	1264	1160	1038	873
22.5°	1732	1810	1842	1850	1842	1810	1732	1617	1515	1361	1176
20°	2167	2243	2292	2295	2292	2243	2167	2062	1907	1733	1506
17.5°	2583	2620	2627	2630	2627	2620	2583	2470	2312	2134	1846
15°	2974	2987	3022	3026	3022	2987	2974	2871	2694	2499	2220
12.5°	3160	3172	3166	3150	3166	3172	3160	3082	2958	2757	2484
10°	3261	3244	3219	3189	3219	3244	3261	3205	3114	2959	2694
7.5°	3284	3265	3221	3177	3221	3265	3284	3289	3227	3097	2844
5°	3295	3240	3183	3130	3183	3240	3295	3313	3278	3171	2958
2.5°	3288	3223	3146	3088	3146	3223	3288	3316	3304	3227	3045
0°	3309	3243	3162	3141	3162	3243	3309	3341	3335	3273	3100
-2.5°	3368	3314	3272	3260	3272	3314	3368	3386	3372	3288	3104
-5°	3473	3461	3389	3406	3389	3461	3473	3458	3402	3276	3049
-7.5°	3574	3558	3527	3566	3527	3558	3574	3530	3420	3243	2982
-10°	3601	3596	3610	3645	3610	3596	3601	3521	3369	3155	2874
-12.5°	3519	3562	3611	3647	3611	3562	3519	3410	3253	2989	2682
-15°	3334	3423	3495	3530	3495	3423	3334	3205	3009	2762	2459
-17.5°	3062	3171	3257	3282	3257	3171	3062	2917	2711	2479	2205
-20°	2728	2838	2917	2948	2917	2838	2728	2579	2382	2165	1921

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REPORT NUMBER: P626556 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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°	2351	2459	2530	2568	2530	2459	2351	2203	2035	1842	1612
-25°	1969	2064	2127	2144	2127	2064	1969	1844	1693	1513	1301
-27.5°	1604	1680	1727	1732	1727	1680	1604	1491	1349	1184	1002
-30°	1236	1307	1347	1369	1347	1307	1236	1129	999	869	724
-32.5°	868	925	959	968	959	925	868	792	699	605	513
-35°	579	614	636	640	636	614	579	533	476	414	365
-37.5°	387	404	415	420	415	404	387	363	334	300	269
-40°	274	282	287	288	287	282	274	263	247	226	207
-42.5°	210	214	216	217	216	214	210	203	193	181	169
-45°	169	172	174	175	174	172	169	166	160	153	145
-47.5°	145	147	148	148	148	147	145	142	139	133	127
-50°	128	129	129	129	129	129	128	126	124	120	115
-52.5°	117	118	118	118	118	118	117	116	115	111	107
-55°	109	110	110	109	110	110	109	108	107	104	100
-57.5°	103	104	104	103	104	104	103	102	101	98	94
-60°	97	98	98	98	98	98	97	96	95	92	89
-62.5°	91	92	92	92	92	92	91	90	88	85	82
-65°	82	84	84	83	84	84	82	81	79	76	73
-67.5°	73	74	74	74	74	74	73	71	70	68	65
-70°	64	65	65	65	65	65	64	62	61	59	57
-72.5°	55	56	56	56	56	56	55	54	52	51	48
-75°	45	46	46	46	46	46	45	44	43	42	40
-77.5°	37	37	37	37	37	37	37	35	34	33	32
-80°	28	29	28	28	28	29	28	27	26	25	24
-82.5°	20	20	20	20	20	20	20	19	18	18	17
-85°	12	13	13	13	13	13	12	12	11	11	11
-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: P626556 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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°	0	0	0	0	0	0	0	0	0	0	0
60°	2	1	2	2	2	1	2	1	1	0	0
57.5°	8	7	7	6	5	5	4	4	4	2	1
55°	17	15	13	12	11	9	8	7	6	5	3
52.5°	21	20	19	16	15	14	12	11	9	8	6
50°	28	27	26	23	21	19	18	15	13	11	9
47.5°	39	37	35	33	29	25	23	21	18	15	13
45°	49	46	43	40	37	32	29	26	23	20	17
42.5°	61	55	50	47	43	39	35	31	27	24	21
40°	80	70	63	57	52	46	42	37	32	28	25
37.5°	110	92	82	73	65	56	50	44	39	33	29
35°	158	132	109	94	82	70	60	53	46	40	34
32.5°	224	185	147	122	100	84	71	62	53	46	40
30°	331	256	198	156	126	101	83	70	60	51	45
27.5°	496	358	272	202	156	123	98	79	66	57	50
25°	701	516	373	272	197	150	116	91	74	62	55
22.5°	959	738	539	355	260	194	142	104	83	71	61
20°	1277	993	745	528	356	245	175	126	98	81	68
17.5°	1591	1298	966	708	489	332	221	154	113	91	75
15°	1908	1562	1211	908	629	405	263	181	130	103	84
12.5°	2150	1791	1400	1069	740	483	315	215	151	113	90
10°	2346	1974	1566	1195	851	563	363	241	166	121	95
7.5°	2498	2105	1694	1303	941	629	400	261	178	128	99
5°	2620	2219	1798	1391	1011	678	430	276	187	133	102
2.5°	2712	2302	1868	1449	1059	713	452	289	194	139	105
0°	2762	2332	1928	1486	1090	737	467	300	199	143	108
-2.5°	2770	2346	1921	1473	1088	728	463	298	200	145	109
-5°	2696	2292	1866	1435	1052	708	454	291	198	145	110
-7.5°	2616	2204	1778	1363	990	672	436	282	195	143	110
-10°	2494	2086	1681	1272	911	620	405	267	189	140	108
-12.5°	2318	1933	1554	1143	815	550	363	247	179	134	106
-15°	2102	1746	1373	1015	715	477	319	223	166	127	102
-17.5°	1877	1530	1176	862	599	413	288	206	155	121	98
-20°	1629	1295	986	710	489	342	248	185	144	115	95

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REPORT NUMBER: P626556 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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°	1343	1071	798	550	399	293	217	165	132	108	91
-25°	1074	844	609	447	325	242	189	151	123	102	87
-27.5°	812	611	474	351	264	208	166	135	113	97	84
-30°	582	461	359	275	221	178	146	123	106	92	80
-32.5°	417	344	271	224	184	154	131	113	99	87	77
-35°	307	258	216	184	157	136	118	105	93	82	74
-37.5°	234	201	178	155	138	122	109	98	87	79	72
-40°	187	166	150	134	122	112	102	92	83	75	69
-42.5°	156	142	129	120	111	104	96	88	80	72	66
-45°	136	126	117	110	103	97	91	83	76	69	62
-47.5°	121	114	108	102	96	91	85	79	72	66	60
-50°	111	106	100	95	90	86	80	74	68	62	57
-52.5°	103	99	94	90	85	81	75	70	64	59	53
-55°	96	92	89	85	81	76	71	66	60	55	49
-57.5°	91	87	84	80	77	72	67	62	56	51	45
-60°	86	82	79	75	72	68	62	57	52	47	42
-62.5°	78	74	72	68	65	61	56	52	47	43	38
-65°	70	67	64	61	57	54	50	46	42	38	34
-67.5°	62	59	56	53	50	47	44	40	37	33	29
-70°	54	51	49	46	43	41	38	34	31	28	24
-72.5°	46	44	42	39	37	34	32	29	26	23	20
-75°	38	37	35	33	31	28	26	24	21	19	17
-77.5°	31	29	28	26	24	22	21	19	17	15	13
-80°	23	22	21	20	18	17	16	14	13	11	10
-82.5°	16	16	15	14	13	12	11	10	9	8	7
-85°	10	10	9	9	8	8	7	7	6	5	4
-87.5°	5	5	4	4	4	4	3	3	3	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626556 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	1	0	0	0	0
60°	0	1	1	0	0	1	1	1	0	0	0
57.5°	1	1	1	1	1	1	1	1	1	1	0
55°	2	1	1	1	1	1	1	1	1	1	1
52.5°	4	2	1	1	1	1	1	1	1	1	1
50°	7	5	3	2	1	1	1	1	1	1	1
47.5°	10	8	5	3	2	1	1	1	1	1	1
45°	14	11	7	5	3	2	1	1	1	1	1
42.5°	18	14	11	7	4	3	2	1	1	1	1
40°	22	19	14	10	6	4	2	1	1	1	1
37.5°	26	22	18	13	8	6	4	2	1	1	1
35°	30	26	22	16	11	7	5	2	2	1	1
32.5°	33	29	25	19	14	9	6	4	2	1	1
30°	38	32	27	23	16	11	8	5	3	2	1
27.5°	43	35	30	25	19	13	9	6	3	2	1
25°	48	39	33	28	22	16	11	7	4	2	1
22.5°	52	43	35	30	24	18	12	8	5	3	2
20°	57	47	38	32	27	20	14	9	6	3	2
17.5°	63	51	42	35	29	22	16	11	6	4	2
15°	68	56	45	38	31	24	18	12	7	4	2
12.5°	73	59	49	40	33	26	19	13	8	5	3
10°	77	63	52	43	35	27	21	15	9	5	3
7.5°	80	66	54	45	37	29	22	15	10	6	4
5°	83	68	56	47	38	30	23	16	11	6	4
2.5°	86	70	58	48	40	32	24	17	12	6	4
0°	87	72	59	50	41	33	24	17	13	7	5
-2.5°	88	73	60	51	42	34	25	18	13	7	5
-5°	88	73	62	51	43	35	26	19	14	8	5
-7.5°	88	74	62	52	44	35	27	20	14	9	5
-10°	88	74	63	52	44	35	27	20	14	10	5
-12.5°	87	73	62	53	44	36	28	21	15	10	5
-15°	85	72	62	53	44	36	28	21	15	10	5
-17.5°	82	71	62	52	44	36	28	21	15	10	6
-20°	81	70	61	51	44	36	28	21	15	10	6

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REPORT NUMBER: P626556 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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°	79	69	60	51	44	36	28	20	15	10	6
-25°	76	67	58	50	43	35	27	19	14	10	6
-27.5°	74	66	57	49	42	35	26	19	14	9	6
-30°	72	64	56	48	41	34	25	18	13	9	6
-32.5°	70	62	54	47	40	32	24	18	13	9	6
-35°	67	60	52	45	38	31	23	17	13	9	6
-37.5°	65	58	50	43	37	30	22	16	12	8	6
-40°	62	55	48	42	35	28	22	16	12	8	5
-42.5°	59	53	46	40	34	27	21	16	11	8	5
-45°	56	50	44	38	32	26	20	15	10	7	5
-47.5°	54	48	42	36	30	24	19	14	10	7	5
-50°	51	45	39	33	28	23	17	13	9	7	5
-52.5°	47	41	36	31	26	21	16	12	9	6	4
-55°	43	38	33	29	24	19	14	11	8	6	4
-57.5°	40	35	31	26	21	17	13	10	8	6	4
-60°	37	33	28	23	19	15	12	9	7	5	4
-62.5°	34	29	25	20	17	14	11	9	7	5	3
-65°	30	25	21	18	15	12	10	8	6	4	3
-67.5°	25	21	18	15	13	11	9	7	5	4	3
-70°	21	18	15	13	11	9	8	6	5	3	2
-72.5°	18	15	13	11	9	8	6	5	4	3	2
-75°	15	13	11	9	8	6	5	4	3	2	2
-77.5°	12	10	8	7	6	5	4	3	3	2	2
-80°	9	8	7	6	5	4	3	3	2	2	1
-82.5°	6	5	5	4	3	3	3	2	2	2	1
-85°	4	4	3	3	2	2	2	2	1	1	1
-87.5°	2	2	2	1	1	1	1	1	1	1	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: P626556 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-735-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	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°	1	0	0	1	0	0	0
47.5°	1	0	0	1	0	0	0
45°	1	0	0	1	0	0	0
42.5°	1	1	0	1	0	0	0
40°	1	1	1	1	0	0	0
37.5°	1	1	1	1	0	0	0
35°	1	1	1	1	0	0	0
32.5°	1	1	1	1	0	0	0
30°	1	1	1	1	0	0	0
27.5°	1	1	1	1	0	0	0
25°	1	1	1	1	0	0	0
22.5°	1	1	1	1	1	0	0
20°	1	1	1	1	1	0	0
17.5°	1	1	1	1	1	0	0
15°	1	1	1	1	1	0	0
12.5°	1	1	1	1	1	0	0
10°	1	1	1	1	1	0	0
7.5°	2	1	1	1	1	0	0
5°	2	1	1	1	1	0	0
2.5°	2	1	1	1	1	0	0
0°	2	1	1	1	1	0	0
-2.5°	2	1	1	1	1	0	0
-5°	2	1	1	1	1	0	0
-7.5°	3	1	1	1	1	0	0
-10°	3	1	1	1	1	0	0
-12.5°	3	1	1	1	1	0	0
-15°	3	1	1	1	1	0	0
-17.5°	3	2	1	1	1	0	0
-20°	3	2	1	1	1	0	0

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CATALOG NUMBER: GFLD-SA1A-735-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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