

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: P626746 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-740-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626746 (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-740-U-MWR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (16) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6489.8 lumens  
Efficiency: N/A  
Efficacy: 113.3 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V  
Max Intensity: 9092.1 candela  
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 4346.8 lumens  
Beam Efficiency: 67.0%

Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 5849.6 lumens  
Field Efficiency: 90.1%

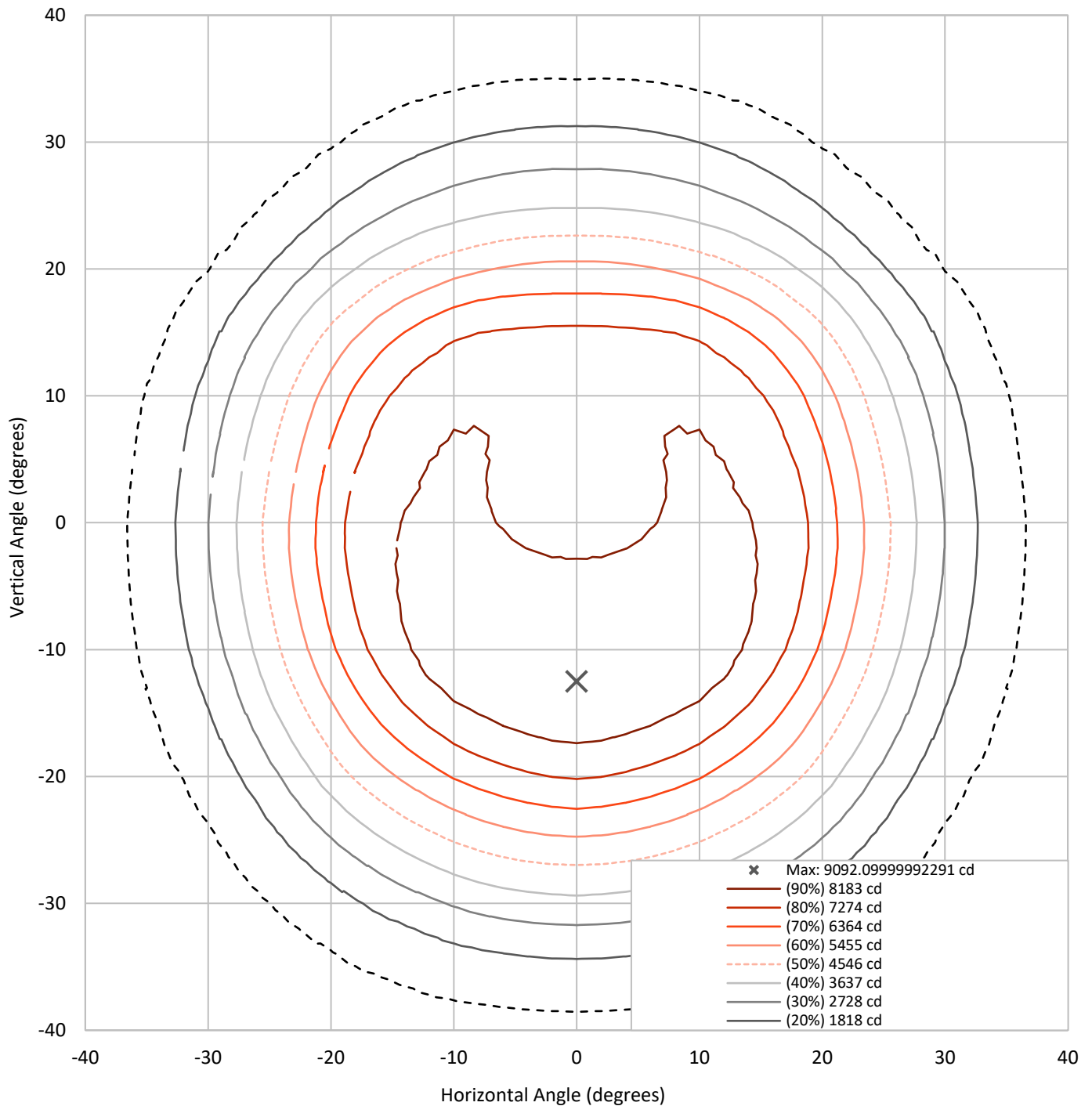
Input Watts (W): 57.3  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA1D-740-U-MWR-VSR-XX

### Iso-Candela Plot





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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	0.5	0.9	1.2	1.4	1.4	1.2	0.9	0.5	0.2	0.0		0.0							
40	0.0	0.0	0.3	0.9	1.8	3.0	4.4	5.5	5.5	4.4	3.0	1.8	0.9	0.3	0.0	0.0							
30		0.1	0.7	1.9	3.9	8.4	19.2	29.3	29.3	19.2	8.4	3.9	1.9	0.7	0.1								
20	0.1	0.3	1.2	3.0	8.1	30.2	77.7	108.6	108.6	77.7	30.2	8.1	3.0	1.2	0.3	0.1							
10		0.4	1.7	4.7	19.4	83.8	174.8	216.4	216.4	174.8	83.8	19.4	4.7	1.7	0.4								
0	0.1	0.6	2.1	6.0	30.9	123.4	225.3	244.3	244.3	225.3	123.4	30.9	6.0	2.1	0.6	0.1							
-10		0.7	2.3	6.5	32.3	127.4	233.5	259.3	259.3	233.5	127.4	32.3	6.5	2.3	0.7								
-20	0.2	0.7	2.3	5.9	23.1	94.9	196.9	251.5	251.5	196.9	94.9	23.1	5.9	2.3	0.7	0.2							
-30		0.7	2.2	4.9	12.9	46.0	109.7	154.4	154.4	109.7	46.0	12.9	4.9	2.2	0.7								
-40	0.2	0.6	2.0	4.1	7.7	16.4	34.3	50.9	50.9	34.3	16.4	7.7	4.1	2.0	0.6	0.2							
-50		0.5	1.7	3.4	5.6	8.3	11.7	13.9	13.9	11.7	8.3	5.6	3.4	1.7	0.5								
-60	0.1	0.4	1.3	2.7	4.4	6.1	7.6	8.4	8.4	7.6	6.1	4.4	2.7	1.3	0.4	0.1							
-70		0.3	0.8	1.8	3.1	4.4	5.6	6.2	6.2	5.6	4.4	3.1	1.8	0.8	0.3								
-80	0.0	0.7	3.3	7.0	8.9	7.0	3.3	0.7	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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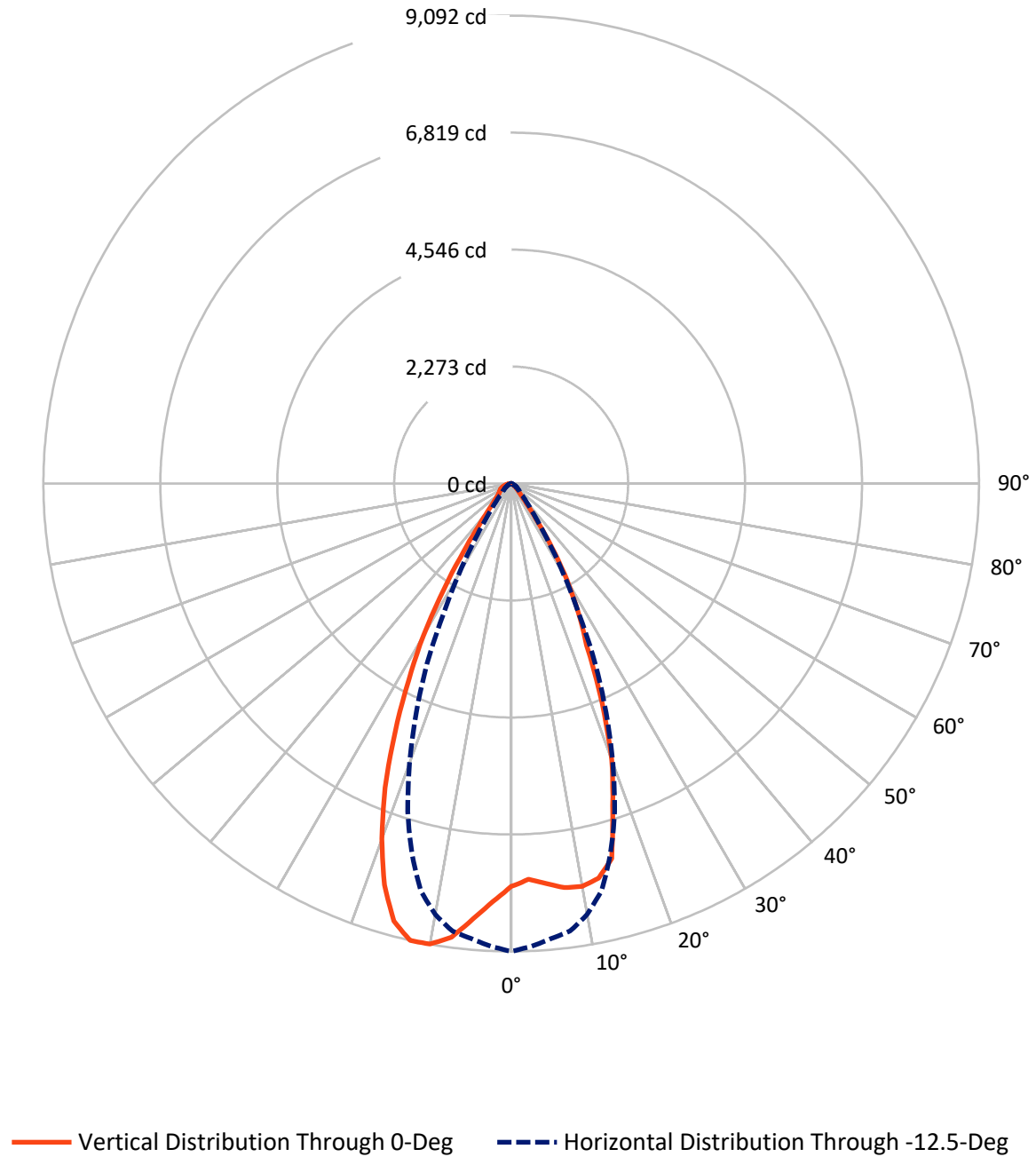
Scaled Data Report



REPORT NUMBER: P626746 (CONVERTED FROM TYPE C PHOTOMETRY)

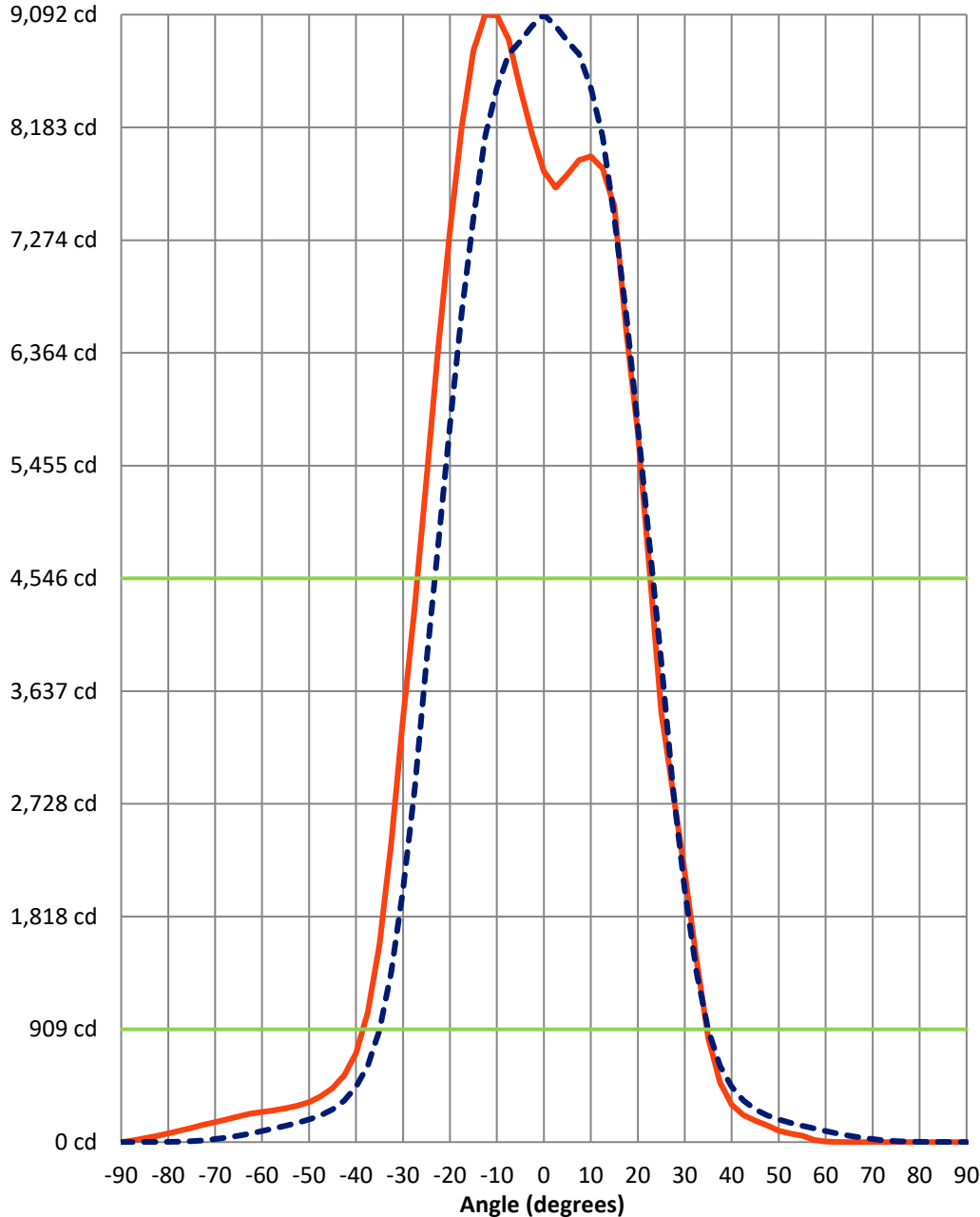
CATALOG NUMBER: GFLD-SA1D-740-U-MWR-VSR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 4346.8  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 5849.6  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 640.3  
 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	1	1	0	0	0	0	0
62.5°	0	0	0	0	1	1	0	0	1	1	1
60°	0	0	0	1	1	1	0	1	1	1	1
57.5°	0	0	0	1	1	1	1	1	1	1	2
55°	0	0	0	1	1	1	1	1	1	2	2
52.5°	0	0	0	1	1	1	1	2	1	2	2
50°	0	0	0	1	1	1	1	2	2	2	2
47.5°	0	0	1	1	1	1	2	2	2	2	2
45°	0	0	1	1	1	1	2	2	2	2	2
42.5°	0	0	1	1	1	1	2	2	2	2	3
40°	0	0	1	2	1	1	2	2	2	3	4
37.5°	0	0	1	2	1	1	2	2	2	3	4
35°	0	0	1	2	1	2	2	2	3	4	6
32.5°	0	0	1	2	1	2	3	2	4	5	9
30°	0	0	1	2	1	2	3	2	4	7	12
27.5°	0	0	1	2	2	2	3	3	5	8	15
25°	0	0	1	2	2	2	3	3	6	10	17
22.5°	0	0	1	2	2	2	3	4	7	12	20
20°	0	0	1	2	2	3	3	4	8	14	24
17.5°	0	0	1	2	2	3	3	5	10	16	27
15°	0	0	1	2	2	3	3	6	11	18	30
12.5°	0	0	1	2	2	3	3	7	12	19	33
10°	0	0	1	2	2	3	4	8	13	21	36
7.5°	0	0	1	2	2	3	4	9	14	24	39
5°	0	0	1	2	2	3	4	10	15	27	41
2.5°	0	0	1	2	2	3	4	11	16	29	42
0°	0	0	2	2	2	3	4	12	16	31	43
-2.5°	0	0	1	2	2	3	5	12	19	33	46
-5°	0	0	1	2	2	3	6	13	20	34	48
-7.5°	0	0	1	2	2	3	7	13	22	35	49
-10°	0	0	1	2	2	4	7	13	24	36	51
-12.5°	0	0	1	2	2	4	8	13	25	37	51
-15°	0	0	1	2	2	4	8	14	25	37	52
-17.5°	0	0	1	2	2	4	8	14	25	37	52
-20°	0	0	1	2	2	4	8	15	25	37	51

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REPORT NUMBER: P626746 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-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	2	2	4	9	15	24	36	50
-25°	0	0	1	2	2	4	9	15	24	36	48
-27.5°	0	0	1	2	2	4	8	15	23	35	47
-30°	0	0	1	2	2	5	8	15	23	34	46
-32.5°	0	0	1	2	2	5	8	15	22	33	44
-35°	0	0	1	2	2	5	8	14	22	32	42
-37.5°	0	0	1	2	2	5	8	14	21	31	41
-40°	0	0	1	2	2	5	8	13	20	29	40
-42.5°	0	0	1	2	3	5	8	13	19	28	39
-45°	0	0	1	2	3	5	8	12	18	26	37
-47.5°	0	0	1	2	3	5	8	12	17	24	35
-50°	0	0	1	2	3	5	7	11	16	23	32
-52.5°	0	0	1	2	3	5	7	11	15	22	29
-55°	0	0	1	2	3	4	7	10	15	20	28
-57.5°	0	0	1	2	3	4	7	10	14	19	26
-60°	0	0	1	2	3	4	6	9	13	18	23
-62.5°	0	0	1	2	3	4	6	8	12	16	22
-65°	0	0	1	2	3	4	5	8	11	15	19
-67.5°	0	0	1	2	2	3	5	7	10	13	17
-70°	0	0	1	2	2	3	4	6	8	11	15
-72.5°	0	0	1	2	2	3	4	5	7	10	12
-75°	0	0	1	1	2	3	4	5	6	8	10
-77.5°	0	0	1	1	2	3	3	4	5	6	8
-80°	0	0	1	1	2	2	3	4	5	5	6
-82.5°	0	0	0	1	1	2	2	3	4	4	5
-85°	0	0	0	0	1	1	2	2	3	3	4
-87.5°	0	0	0	0	0	1	1	1	1	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626746 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-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	1	0	0	0	0	0	0	0	0
65°	1	1	1	0	0	0	1	0	0	0	0
62.5°	1	1	1	1	1	1	1	1	0	0	1
60°	2	1	1	1	2	1	1	1	1	1	4
57.5°	2	1	1	2	2	2	2	2	5	9	10
55°	2	1	2	2	2	3	4	8	12	15	17
52.5°	2	2	2	3	3	6	10	15	19	22	26
50°	2	2	3	4	7	12	17	23	28	33	38
47.5°	3	3	5	7	12	19	25	32	38	45	53
45°	3	5	6	12	18	27	35	43	49	57	64
42.5°	4	7	11	16	26	36	46	52	59	67	77
40°	6	10	16	24	34	46	55	62	69	81	93
37.5°	9	14	21	32	44	56	64	72	83	97	111
35°	12	18	28	40	54	64	74	84	99	114	131
32.5°	16	22	34	48	61	73	83	98	114	131	154
30°	19	28	41	56	69	80	95	112	128	149	175
27.5°	23	33	48	63	75	88	107	123	141	165	197
25°	27	40	54	69	82	97	118	136	154	185	228
22.5°	31	45	61	74	88	108	130	152	176	206	260
20°	36	51	66	81	94	117	143	169	202	244	314
17.5°	41	56	72	87	104	128	156	188	228	281	383
15°	45	60	77	94	113	139	170	208	257	323	451
12.5°	49	64	82	101	121	148	181	224	281	376	536
10°	52	68	87	107	129	157	192	237	301	414	600
7.5°	55	71	92	113	135	164	200	247	318	444	650
5°	57	76	95	117	140	170	208	255	333	466	689
2.5°	59	80	99	121	143	175	213	263	347	484	722
0°	61	83	101	124	146	179	218	268	358	496	747
-2.5°	63	85	105	126	150	181	220	272	361	498	742
-5°	65	87	108	128	153	183	220	274	361	494	726
-7.5°	66	88	110	129	155	184	220	273	357	486	702
-10°	68	88	111	131	156	184	219	270	349	470	664
-12.5°	69	89	111	132	156	183	216	264	335	446	616
-15°	70	90	111	132	155	181	212	255	317	414	557
-17.5°	70	90	110	130	154	178	205	245	301	386	514
-20°	70	90	110	128	152	175	201	237	287	359	462

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CATALOG NUMBER: GFLD-SA1D-740-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°	70	89	109	126	149	172	196	228	270	329	412
-25°	68	88	107	125	146	168	190	218	254	306	376
-27.5°	66	86	105	123	142	163	184	209	241	281	337
-30°	63	84	102	121	139	159	179	200	228	263	308
-32.5°	59	81	99	117	135	154	173	193	217	246	281
-35°	57	77	96	113	131	149	167	186	205	231	261
-37.5°	56	74	92	108	126	144	161	178	197	217	244
-40°	54	70	88	105	120	137	154	171	188	208	229
-42.5°	52	67	84	101	115	131	147	163	180	199	218
-45°	49	64	80	95	110	125	141	156	172	190	208
-47.5°	47	60	76	89	104	119	134	149	163	180	197
-50°	43	56	70	83	96	111	126	141	155	169	185
-52.5°	40	51	65	78	90	102	117	132	147	161	174
-55°	36	47	59	72	83	94	108	123	137	151	164
-57.5°	33	42	53	65	77	88	100	113	127	140	154
-60°	30	38	47	58	70	81	93	105	118	130	142
-62.5°	27	34	42	51	62	73	84	95	107	118	129
-65°	25	30	37	44	53	63	74	85	95	105	114
-67.5°	22	27	32	38	45	54	62	72	82	91	100
-70°	19	23	27	32	38	45	53	61	69	77	85
-72.5°	16	19	23	27	32	38	44	51	57	65	72
-75°	13	16	19	22	27	31	36	42	48	53	59
-77.5°	10	13	15	18	21	25	29	33	38	42	47
-80°	8	10	12	14	16	19	22	25	28	32	36
-82.5°	6	7	9	10	12	13	15	18	20	23	26
-85°	4	5	6	7	8	9	10	11	13	14	16
-87.5°	2	3	3	3	4	4	5	5	6	7	8
-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	1	1	0	0	1	1	1	1	1
60°	4	3	4	5	5	4	5	6	6	5	5
57.5°	10	11	13	15	17	18	19	21	22	22	23
55°	19	23	27	29	32	37	41	42	42	43	46
52.5°	31	35	37	41	47	51	53	57	60	64	67
50°	45	48	53	58	65	68	70	76	83	89	93
47.5°	59	64	72	82	87	91	98	106	114	122	129
45°	72	81	91	100	107	114	123	133	146	158	167
42.5°	86	97	107	117	125	138	152	164	183	199	209
40°	104	114	129	141	157	173	198	222	245	272	292
37.5°	124	140	161	182	205	229	274	320	357	410	440
35°	149	173	203	234	271	329	395	484	576	653	727
32.5°	178	209	250	305	368	460	559	723	882	1042	1198
30°	206	251	314	390	493	639	825	1078	1352	1592	1810
27.5°	244	308	390	502	677	892	1236	1587	1936	2248	2472
25°	289	375	491	678	930	1286	1747	2177	2587	2893	3150
22.5°	355	483	649	886	1345	1840	2391	2933	3393	3778	4031
20°	436	610	886	1316	1856	2475	3184	3754	4321	4754	5141
17.5°	552	828	1218	1765	2409	3235	3965	4601	5320	5763	6158
15°	655	1011	1567	2264	3019	3895	4755	5534	6229	6715	7156
12.5°	786	1205	1844	2664	3490	4465	5359	6193	6874	7374	7683
10°	904	1404	2121	2978	3903	4921	5849	6717	7376	7763	7990
7.5°	998	1569	2345	3247	4224	5249	6228	7090	7720	8044	8199
5°	1072	1691	2521	3468	4482	5531	6531	7374	7905	8173	8259
2.5°	1127	1777	2639	3613	4657	5739	6760	7591	8044	8237	8266
0°	1164	1837	2716	3704	4806	5814	6884	7728	8159	8314	8329
-2.5°	1155	1815	2713	3671	4789	5848	6904	7737	8198	8406	8440
-5°	1132	1764	2623	3578	4653	5713	6721	7600	8166	8480	8620
-7.5°	1087	1676	2469	3398	4432	5493	6521	7433	8084	8527	8800
-10°	1009	1547	2272	3171	4190	5201	6217	7164	7865	8398	8778
-12.5°	904	1372	2032	2849	3874	4818	5780	6687	7452	8109	8502
-15°	795	1190	1783	2530	3422	4352	5241	6131	6886	7501	7990
-17.5°	717	1030	1494	2148	2931	3813	4680	5498	6180	6757	7271
-20°	619	851	1219	1769	2459	3229	4060	4788	5397	5938	6429

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626746 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-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°	541	729	995	1370	1989	2669	3349	4019	4591	5073	5492
-25°	470	602	810	1115	1518	2105	2677	3243	3771	4220	4597
-27.5°	415	520	658	875	1181	1523	2025	2498	2952	3362	3718
-30°	364	443	551	687	894	1149	1451	1804	2167	2490	2813
-32.5°	328	384	458	559	675	857	1040	1278	1507	1743	1975
-35°	295	340	390	458	538	644	764	910	1032	1187	1329
-37.5°	272	304	343	385	443	502	583	672	748	834	906
-40°	254	279	305	334	373	413	466	515	563	616	655
-42.5°	238	258	277	299	323	355	390	421	450	481	507
-45°	226	241	256	273	291	314	339	362	381	399	413
-47.5°	213	226	240	253	268	285	301	316	332	345	355
-50°	200	213	225	237	250	263	276	288	299	309	315
-52.5°	187	201	213	224	235	246	256	267	277	286	290
-55°	178	190	202	212	221	231	240	250	259	268	270
-57.5°	167	180	192	200	209	217	226	235	244	252	255
-60°	155	169	179	187	196	205	213	222	230	237	239
-62.5°	141	153	162	170	178	186	195	204	212	219	223
-65°	124	134	143	151	159	166	175	183	191	197	201
-67.5°	109	117	124	131	139	146	154	162	169	174	178
-70°	94	101	108	115	122	128	135	141	147	152	155
-72.5°	79	86	92	98	104	110	115	121	126	130	133
-75°	65	71	76	81	86	91	95	100	104	107	110
-77.5°	52	56	61	65	69	73	76	80	83	86	88
-80°	39	43	46	49	53	55	58	60	63	65	67
-82.5°	28	30	33	35	37	39	41	43	44	46	48
-85°	18	19	20	22	23	24	25	26	27	28	29
-87.5°	9	9	10	10	11	11	12	12	13	13	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626746 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-740-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	2	1	1	1	1	1	1	1
60°	5	4	4	5	4	4	5	5	5	6	6
57.5°	22	21	19	18	19	21	22	23	22	22	21
55°	49	51	53	52	53	51	49	46	43	42	42
52.5°	69	71	70	69	70	71	69	67	64	60	57
50°	95	95	94	92	94	95	95	93	89	83	76
47.5°	133	135	136	136	136	135	133	129	122	114	106
45°	170	172	173	173	173	172	170	167	158	146	133
42.5°	214	218	219	218	219	218	214	209	199	183	164
40°	304	308	306	301	306	308	304	292	272	245	222
37.5°	460	475	481	482	481	475	460	440	410	357	320
35°	794	847	871	841	871	847	794	727	653	576	484
32.5°	1326	1420	1473	1473	1473	1420	1326	1198	1042	882	723
30°	1974	2092	2158	2172	2158	2092	1974	1810	1592	1352	1078
27.5°	2646	2768	2831	2822	2831	2768	2646	2472	2248	1936	1587
25°	3321	3413	3466	3468	3466	3413	3321	3150	2893	2587	2177
22.5°	4317	4511	4591	4612	4591	4511	4317	4031	3778	3393	2933
20°	5403	5591	5713	5720	5713	5591	5403	5141	4754	4321	3754
17.5°	6438	6531	6549	6556	6549	6531	6438	6158	5763	5320	4601
15°	7413	7446	7532	7543	7532	7446	7413	7156	6715	6229	5534
12.5°	7877	7907	7892	7852	7892	7907	7877	7683	7374	6874	6193
10°	8129	8087	8024	7949	8024	8087	8129	7990	7763	7376	6717
7.5°	8186	8140	8029	7919	8029	8140	8186	8199	8044	7720	7090
5°	8214	8076	7936	7803	7936	8076	8214	8259	8173	7905	7374
2.5°	8198	8034	7842	7698	7842	8034	8198	8266	8237	8044	7591
0°	8250	8084	7883	7830	7883	8084	8250	8329	8314	8159	7728
-2.5°	8395	8261	8156	8128	8156	8261	8395	8440	8406	8198	7737
-5°	8657	8628	8449	8491	8449	8628	8657	8620	8480	8166	7600
-7.5°	8911	8869	8793	8891	8793	8869	8911	8800	8527	8084	7433
-10°	8978	8964	8999	9086	8999	8964	8978	8778	8398	7865	7164
-12.5°	8772	8880	9001	9092	9001	8880	8772	8502	8109	7452	6687
-15°	8312	8533	8714	8800	8714	8533	8312	7990	7501	6886	6131
-17.5°	7634	7905	8120	8181	8120	7905	7634	7271	6757	6180	5498
-20°	6800	7076	7271	7349	7271	7076	6800	6429	5938	5397	4788

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REPORT NUMBER: P626746 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-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°	5862	6131	6308	6401	6308	6131	5862	5492	5073	4591	4019
-25°	4909	5146	5303	5344	5303	5146	4909	4597	4220	3771	3243
-27.5°	3998	4189	4304	4317	4304	4189	3998	3718	3362	2952	2498
-30°	3082	3259	3359	3412	3359	3259	3082	2813	2490	2167	1804
-32.5°	2164	2305	2390	2412	2390	2305	2164	1975	1743	1507	1278
-35°	1443	1530	1584	1595	1584	1530	1443	1329	1187	1032	910
-37.5°	965	1007	1034	1046	1034	1007	965	906	834	748	672
-40°	684	704	715	717	715	704	684	655	616	563	515
-42.5°	523	533	538	540	538	533	523	507	481	450	421
-45°	422	430	434	435	434	430	422	413	399	381	362
-47.5°	361	366	369	370	369	366	361	355	345	332	316
-50°	319	321	322	322	322	321	319	315	309	299	288
-52.5°	292	294	294	294	294	294	292	290	286	277	267
-55°	272	273	273	273	273	273	272	270	268	259	250
-57.5°	257	258	258	256	258	258	257	255	252	244	235
-60°	242	244	244	243	244	244	242	239	237	230	222
-62.5°	227	230	230	230	230	230	227	223	219	212	204
-65°	205	209	209	207	209	209	205	201	197	191	183
-67.5°	181	184	184	183	184	184	181	178	174	169	162
-70°	159	162	162	161	162	162	159	155	152	147	141
-72.5°	137	139	140	140	140	139	137	133	130	126	121
-75°	113	116	115	115	115	116	113	110	107	104	100
-77.5°	91	93	93	92	93	93	91	88	86	83	80
-80°	69	71	71	70	71	71	69	67	65	63	60
-82.5°	49	50	50	49	50	50	49	48	46	44	43
-85°	30	31	31	31	31	31	30	29	28	27	26
-87.5°	14	15	14	13	14	15	14	14	13	13	12
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626746 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-740-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	1	1	0	0	1	0	0	1
60°	5	4	5	5	4	3	4	4	1	1	1
57.5°	19	18	17	15	13	11	10	10	9	5	2
55°	41	37	32	29	27	23	19	17	15	12	8
52.5°	53	51	47	41	37	35	31	26	22	19	15
50°	70	68	65	58	53	48	45	38	33	28	23
47.5°	98	91	87	82	72	64	59	53	45	38	32
45°	123	114	107	100	91	81	72	64	57	49	43
42.5°	152	138	125	117	107	97	86	77	67	59	52
40°	198	173	157	141	129	114	104	93	81	69	62
37.5°	274	229	205	182	161	140	124	111	97	83	72
35°	395	329	271	234	203	173	149	131	114	99	84
32.5°	559	460	368	305	250	209	178	154	131	114	98
30°	825	639	493	390	314	251	206	175	149	128	112
27.5°	1236	892	677	502	390	308	244	197	165	141	123
25°	1747	1286	930	678	491	375	289	228	185	154	136
22.5°	2391	1840	1345	886	649	483	355	260	206	176	152
20°	3184	2475	1856	1316	886	610	436	314	244	202	169
17.5°	3965	3235	2409	1765	1218	828	552	383	281	228	188
15°	4755	3895	3019	2264	1567	1011	655	451	323	257	208
12.5°	5359	4465	3490	2664	1844	1205	786	536	376	281	224
10°	5849	4921	3903	2978	2121	1404	904	600	414	301	237
7.5°	6228	5249	4224	3247	2345	1569	998	650	444	318	247
5°	6531	5531	4482	3468	2521	1691	1072	689	466	333	255
2.5°	6760	5739	4657	3613	2639	1777	1127	722	484	347	263
0°	6884	5814	4806	3704	2716	1837	1164	747	496	358	268
-2.5°	6904	5848	4789	3671	2713	1815	1155	742	498	361	272
-5°	6721	5713	4653	3578	2623	1764	1132	726	494	361	274
-7.5°	6521	5493	4432	3398	2469	1676	1087	702	486	357	273
-10°	6217	5201	4190	3171	2272	1547	1009	664	470	349	270
-12.5°	5780	4818	3874	2849	2032	1372	904	616	446	335	264
-15°	5241	4352	3422	2530	1783	1190	795	557	414	317	255
-17.5°	4680	3813	2931	2148	1494	1030	717	514	386	301	245
-20°	4060	3229	2459	1769	1219	851	619	462	359	287	237

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REPORT NUMBER: P626746 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-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°	3349	2669	1989	1370	995	729	541	412	329	270	228
-25°	2677	2105	1518	1115	810	602	470	376	306	254	218
-27.5°	2025	1523	1181	875	658	520	415	337	281	241	209
-30°	1451	1149	894	687	551	443	364	308	263	228	200
-32.5°	1040	857	675	559	458	384	328	281	246	217	193
-35°	764	644	538	458	390	340	295	261	231	205	186
-37.5°	583	502	443	385	343	304	272	244	217	197	178
-40°	466	413	373	334	305	279	254	229	208	188	171
-42.5°	390	355	323	299	277	258	238	218	199	180	163
-45°	339	314	291	273	256	241	226	208	190	172	156
-47.5°	301	285	268	253	240	226	213	197	180	163	149
-50°	276	263	250	237	225	213	200	185	169	155	141
-52.5°	256	246	235	224	213	201	187	174	161	147	132
-55°	240	231	221	212	202	190	178	164	151	137	123
-57.5°	226	217	209	200	192	180	167	154	140	127	113
-60°	213	205	196	187	179	169	155	142	130	118	105
-62.5°	195	186	178	170	162	153	141	129	118	107	95
-65°	175	166	159	151	143	134	124	114	105	95	85
-67.5°	154	146	139	131	124	117	109	100	91	82	72
-70°	135	128	122	115	108	101	94	85	77	69	61
-72.5°	115	110	104	98	92	86	79	72	65	57	51
-75°	95	91	86	81	76	71	65	59	53	48	42
-77.5°	76	73	69	65	61	56	52	47	42	38	33
-80°	58	55	53	49	46	43	39	36	32	28	25
-82.5°	41	39	37	35	33	30	28	26	23	20	18
-85°	25	24	23	22	20	19	18	16	14	13	11
-87.5°	12	11	11	10	10	9	9	8	7	6	5
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626746 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-740-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	1	0	0	0	0	0	0
65°	1	0	0	0	1	1	1	0	0	0	0
62.5°	1	1	1	1	1	1	1	1	1	1	0
60°	1	1	2	1	1	1	2	1	1	1	1
57.5°	2	2	2	2	1	1	2	2	1	1	1
55°	4	3	2	2	2	1	2	2	2	1	1
52.5°	10	6	3	3	2	2	2	2	2	1	2
50°	17	12	7	4	3	2	2	2	2	2	2
47.5°	25	19	12	7	5	3	3	2	2	2	2
45°	35	27	18	12	6	5	3	2	2	2	2
42.5°	46	36	26	16	11	7	4	3	2	2	2
40°	55	46	34	24	16	10	6	4	3	2	2
37.5°	64	56	44	32	21	14	9	4	3	2	2
35°	74	64	54	40	28	18	12	6	4	3	2
32.5°	83	73	61	48	34	22	16	9	5	4	2
30°	95	80	69	56	41	28	19	12	7	4	2
27.5°	107	88	75	63	48	33	23	15	8	5	3
25°	118	97	82	69	54	40	27	17	10	6	3
22.5°	130	108	88	74	61	45	31	20	12	7	4
20°	143	117	94	81	66	51	36	24	14	8	4
17.5°	156	128	104	87	72	56	41	27	16	10	5
15°	170	139	113	94	77	60	45	30	18	11	6
12.5°	181	148	121	101	82	64	49	33	19	12	7
10°	192	157	129	107	87	68	52	36	21	13	8
7.5°	200	164	135	113	92	71	55	39	24	14	9
5°	208	170	140	117	95	76	57	41	27	15	10
2.5°	213	175	143	121	99	80	59	42	29	16	11
0°	218	179	146	124	101	83	61	43	31	16	12
-2.5°	220	181	150	126	105	85	63	46	33	19	12
-5°	220	183	153	128	108	87	65	48	34	20	13
-7.5°	220	184	155	129	110	88	66	49	35	22	13
-10°	219	184	156	131	111	88	68	51	36	24	13
-12.5°	216	183	156	132	111	89	69	51	37	25	13
-15°	212	181	155	132	111	90	70	52	37	25	14
-17.5°	205	178	154	130	110	90	70	52	37	25	14
-20°	201	175	152	128	110	90	70	51	37	25	15

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REPORT NUMBER: P626746 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-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°	196	172	149	126	109	89	70	50	36	24	15
-25°	190	168	146	125	107	88	68	48	36	24	15
-27.5°	184	163	142	123	105	86	66	47	35	23	15
-30°	179	159	139	121	102	84	63	46	34	23	15
-32.5°	173	154	135	117	99	81	59	44	33	22	15
-35°	167	149	131	113	96	77	57	42	32	22	14
-37.5°	161	144	126	108	92	74	56	41	31	21	14
-40°	154	137	120	105	88	70	54	40	29	20	13
-42.5°	147	131	115	101	84	67	52	39	28	19	13
-45°	141	125	110	95	80	64	49	37	26	18	12
-47.5°	134	119	104	89	76	60	47	35	24	17	12
-50°	126	111	96	83	70	56	43	32	23	16	11
-52.5°	117	102	90	78	65	51	40	29	22	15	11
-55°	108	94	83	72	59	47	36	28	20	15	10
-57.5°	100	88	77	65	53	42	33	26	19	14	10
-60°	93	81	70	58	47	38	30	23	18	13	9
-62.5°	84	73	62	51	42	34	27	22	16	12	8
-65°	74	63	53	44	37	30	25	19	15	11	8
-67.5°	62	54	45	38	32	27	22	17	13	10	7
-70°	53	45	38	32	27	23	19	15	11	8	6
-72.5°	44	38	32	27	23	19	16	12	10	7	5
-75°	36	31	27	22	19	16	13	10	8	6	5
-77.5°	29	25	21	18	15	13	10	8	6	5	4
-80°	22	19	16	14	12	10	8	6	5	5	4
-82.5°	15	13	12	10	9	7	6	5	4	4	3
-85°	10	9	8	7	6	5	4	4	3	3	2
-87.5°	5	4	4	3	3	3	2	2	2	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: P626746 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-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	1	1	0	0	0	0
62.5°	0	1	1	0	0	0	0
60°	0	1	1	1	0	0	0
57.5°	1	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°	2	1	1	1	1	0	0
45°	2	1	1	1	1	0	0
42.5°	2	1	1	1	1	0	0
40°	2	1	1	2	1	0	0
37.5°	2	1	1	2	1	0	0
35°	2	2	1	2	1	0	0
32.5°	3	2	1	2	1	0	0
30°	3	2	1	2	1	0	0
27.5°	3	2	2	2	1	0	0
25°	3	2	2	2	1	0	0
22.5°	3	2	2	2	1	0	0
20°	3	3	2	2	1	0	0
17.5°	3	3	2	2	1	0	0
15°	3	3	2	2	1	0	0
12.5°	3	3	2	2	1	0	0
10°	4	3	2	2	1	0	0
7.5°	4	3	2	2	1	0	0
5°	4	3	2	2	1	0	0
2.5°	4	3	2	2	1	0	0
0°	4	3	2	2	2	0	0
-2.5°	5	3	2	2	1	0	0
-5°	6	3	2	2	1	0	0
-7.5°	7	3	2	2	1	0	0
-10°	7	4	2	2	1	0	0
-12.5°	8	4	2	2	1	0	0
-15°	8	4	2	2	1	0	0
-17.5°	8	4	2	2	1	0	0
-20°	8	4	2	2	1	0	0

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CATALOG NUMBER: GFLD-SA1D-740-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	9	4	2	2	1	0	0
-25°	9	4	2	2	1	0	0
-27.5°	8	4	2	2	1	0	0
-30°	8	5	2	2	1	0	0
-32.5°	8	5	2	2	1	0	0
-35°	8	5	2	2	1	0	0
-37.5°	8	5	2	2	1	0	0
-40°	8	5	2	2	1	0	0
-42.5°	8	5	3	2	1	0	0
-45°	8	5	3	2	1	0	0
-47.5°	8	5	3	2	1	0	0
-50°	7	5	3	2	1	0	0
-52.5°	7	5	3	2	1	0	0
-55°	7	4	3	2	1	0	0
-57.5°	7	4	3	2	1	0	0
-60°	6	4	3	2	1	0	0
-62.5°	6	4	3	2	1	0	0
-65°	5	4	3	2	1	0	0
-67.5°	5	3	2	2	1	0	0
-70°	4	3	2	2	1	0	0
-72.5°	4	3	2	2	1	0	0
-75°	4	3	2	1	1	0	0
-77.5°	3	3	2	1	1	0	0
-80°	3	2	2	1	1	0	0
-82.5°	2	2	1	1	0	0	0
-85°	2	1	1	0	0	0	0
-87.5°	1	1	0	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)