

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: P626986 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-740-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626986 (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-SA2D-740-U-MWR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (32) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13211.3 lumens  
Efficiency: N/A  
Efficacy: 121.5 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V  
Max Intensity: 18508.8 candela  
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 8848.9 lumens  
Beam Efficiency: 67.0%

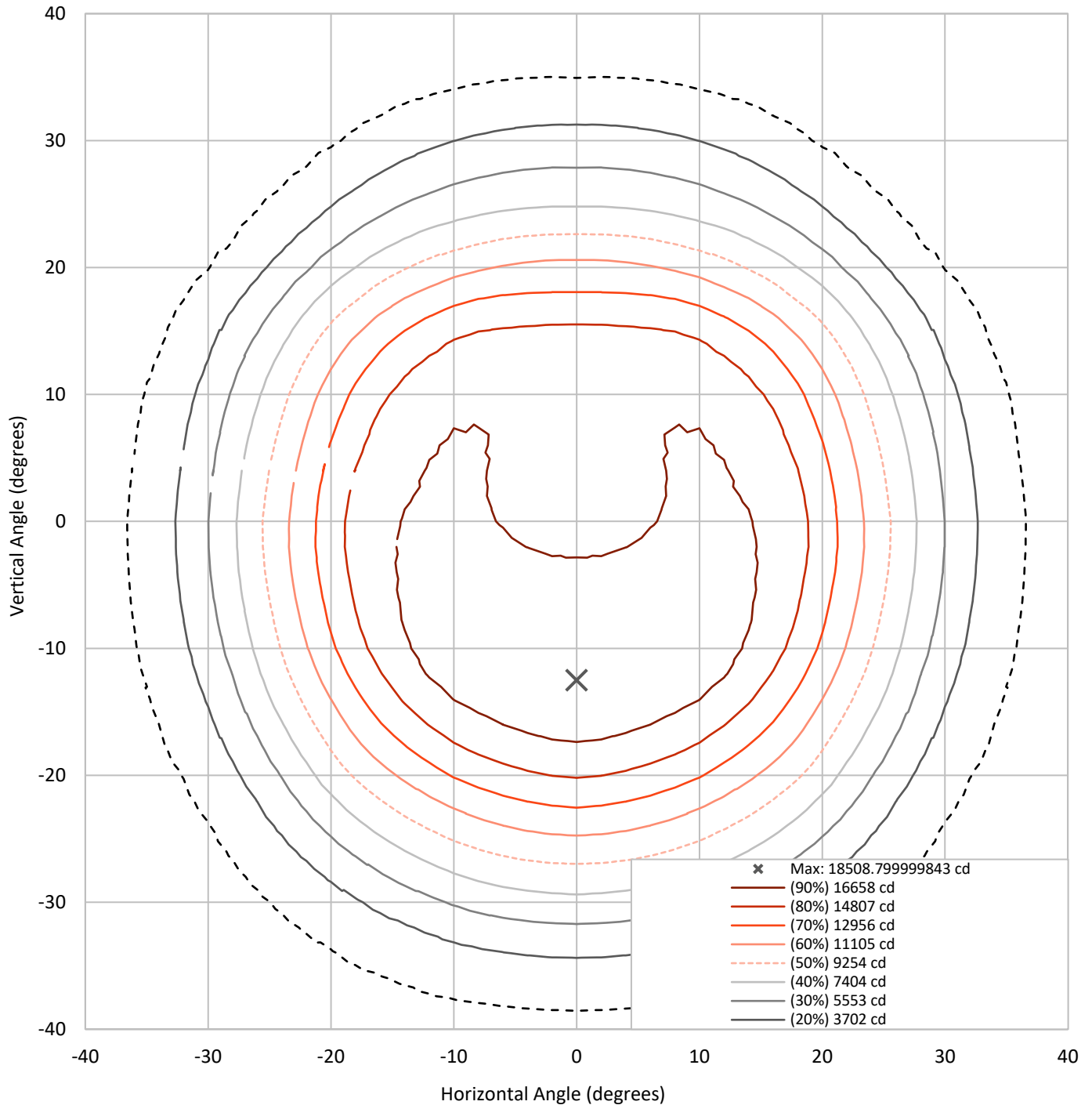
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 11914.2 lumens  
Field Efficiency: 90.2%

Input Watts (W): 108.7  
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-SA2D-740-U-MWR-VSR-XX

### Iso-Candela Plot





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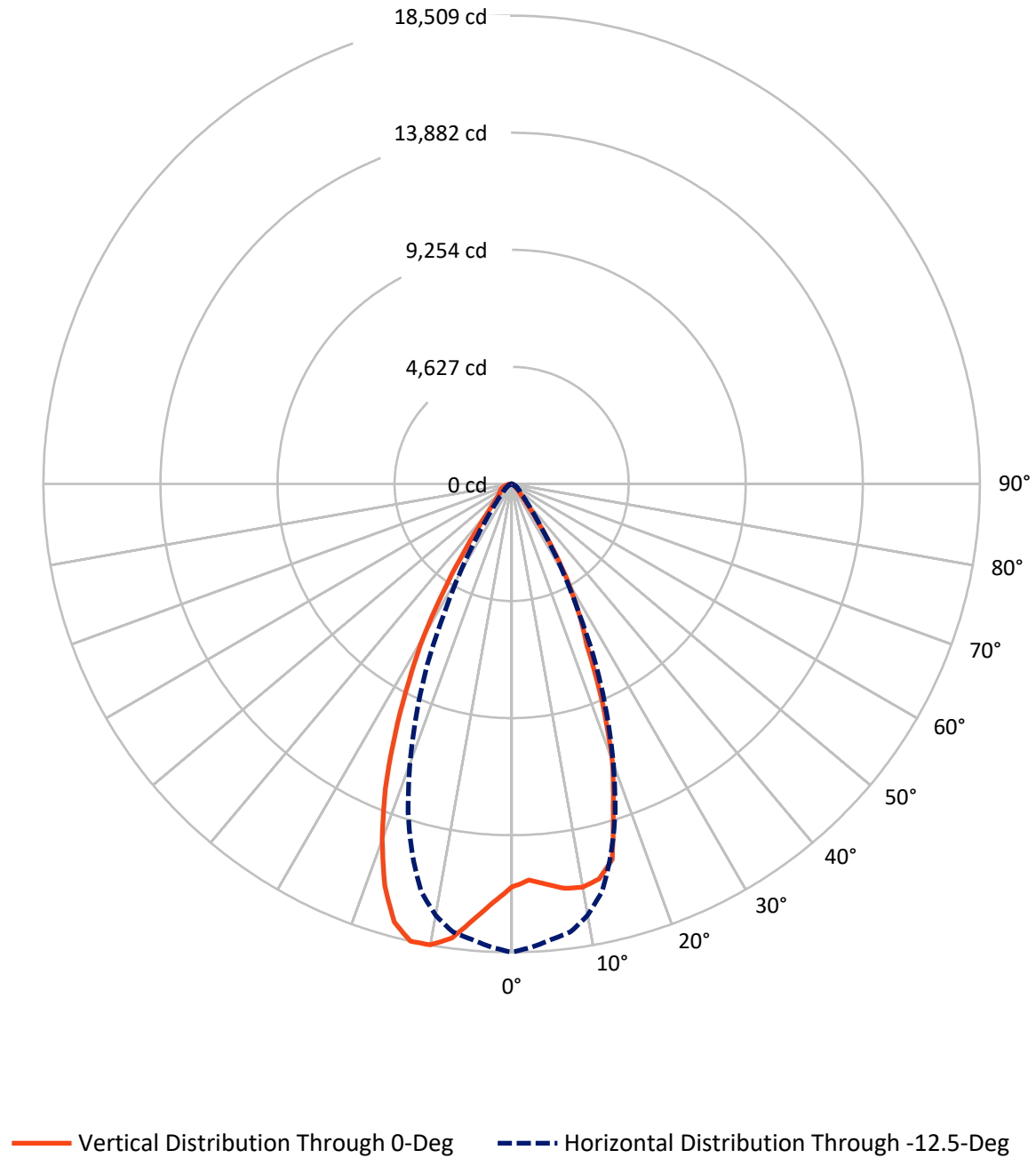
CATALOG NUMBER: GFLD-SA2D-740-U-MWR-VSR-XX

### 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	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.4	1.1	1.8	2.5	2.9	2.9	2.5	1.8	1.1	0.4	0.1		0.0			
40	0.1	0.1	0.5	1.9	3.7	6.1	9.1	11.1	11.1	9.1	6.1	3.7	1.9	0.5	0.1				
30		0.2	1.5	3.8	7.9	17.2	39.0	59.6	59.6	39.0	17.2	7.9	3.8	1.5		0.2			
20	0.1	0.5	2.5	6.2	16.6	61.4	158.1	221.1	221.1	158.1	61.4	16.6	6.2	2.5	0.1				
10		0.9	3.4	9.5	39.4	170.5	355.8	440.5	440.5	355.8	170.5	39.4	9.5	3.4		0.9			
0	0.3	1.2	4.3	12.3	62.8	251.1	458.7	497.3	497.3	458.7	251.1	62.8	12.3	4.3	0.3				
-10		1.4	4.7	13.2	65.7	259.4	475.2	527.8	527.8	475.2	259.4	65.7	13.2	4.7		1.4			
-20	0.4	1.5	4.8	12.0	47.0	193.1	400.9	511.9	511.9	400.9	193.1	47.0	12.0	4.8	0.4				
-30		1.4	4.5	9.9	26.3	93.7	223.4	314.4	314.4	223.4	93.7	26.3	9.9	4.5		1.4			
-40	0.3	1.2	4.1	8.3	15.7	33.4	69.8	103.6	103.6	69.8	33.4	15.7	8.3	4.1	0.3				
-50		1.0	3.4	6.9	11.5	16.9	23.8	28.2	28.2	23.8	16.9	11.5	6.9	3.4		1.0			
-60	0.2	0.8	2.6	5.4	9.0	12.5	15.6	17.0	17.0	15.6	12.5	9.0	5.4	2.6	0.2				
-70		0.5	1.6	3.7	6.3	8.9	11.3	12.6	12.6	11.3	8.9	6.3	3.7	1.6		0.5			
-80	0.1	1.5	6.6	14.2	18.2	14.2	6.6	1.5	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

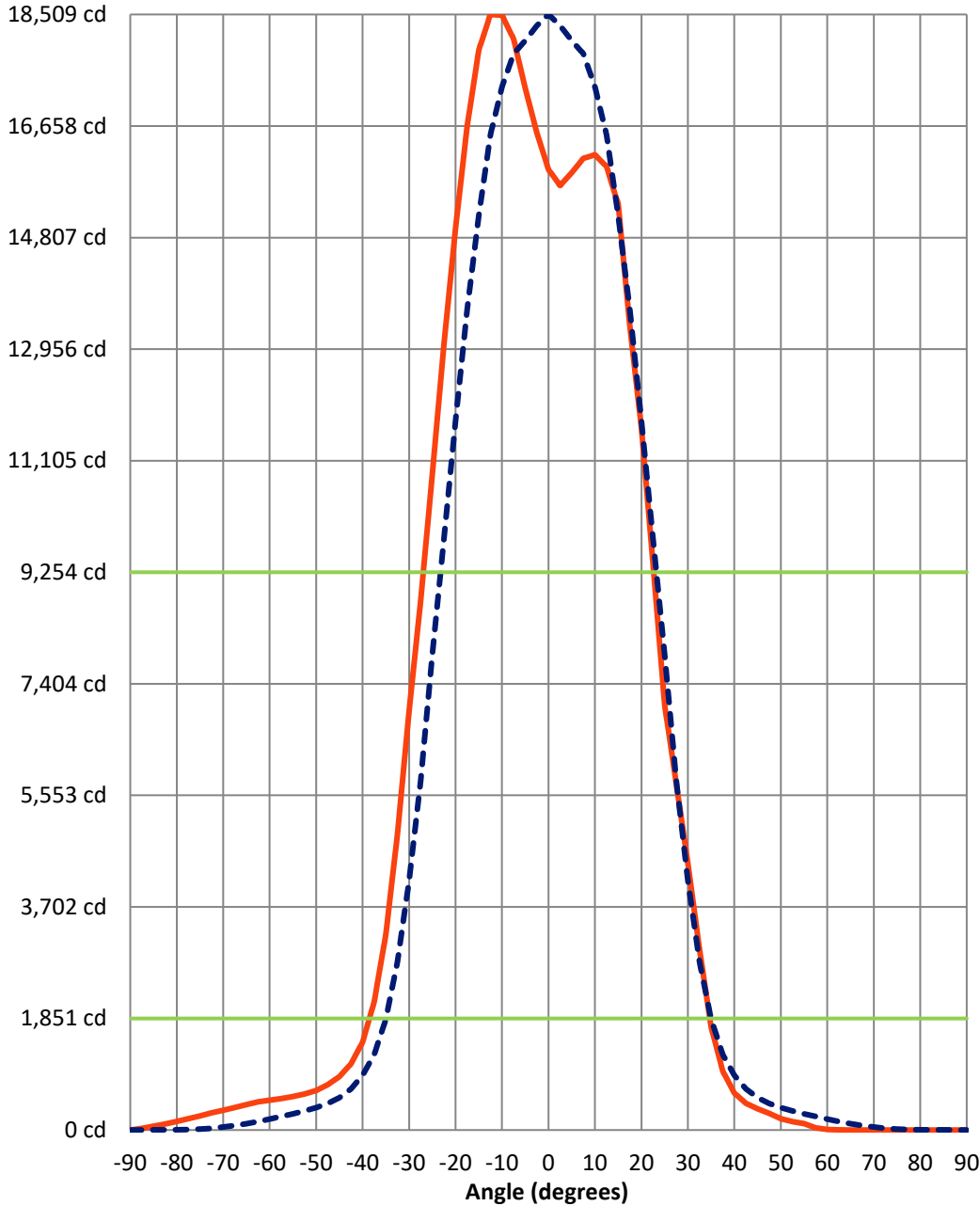
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 8848.9  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 11914.2  
 Efficiency: 90.2%

**Spill:**  
 Lumens: 1297  
 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	1	1	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	0	0
65°	0	0	0	1	1	1	0	0	1	1	1
62.5°	0	0	0	1	2	1	0	1	1	2	2
60°	0	0	0	1	2	1	1	1	2	2	3
57.5°	0	0	0	2	2	1	1	2	3	3	3
55°	0	0	0	2	2	1	2	3	3	3	3
52.5°	0	0	1	2	2	2	2	3	3	3	3
50°	0	0	1	3	2	2	3	3	3	3	4
47.5°	0	0	1	3	2	2	3	3	3	3	4
45°	0	0	1	3	2	2	3	4	3	4	5
42.5°	0	0	1	3	2	3	4	4	3	5	6
40°	0	0	2	3	3	3	4	4	4	6	7
37.5°	0	0	2	3	3	3	4	4	5	7	8
35°	0	0	2	3	3	3	5	4	6	9	11
32.5°	0	0	2	3	3	4	5	5	7	11	18
30°	0	0	2	3	3	4	5	5	8	13	24
27.5°	0	0	2	3	3	4	5	6	10	16	30
25°	0	0	2	3	3	5	6	7	12	20	35
22.5°	0	0	3	3	3	5	6	8	15	25	41
20°	0	0	3	3	3	5	6	9	17	29	48
17.5°	0	0	3	3	3	5	6	10	20	33	55
15°	0	0	3	3	3	6	7	11	22	36	61
12.5°	0	0	3	3	3	6	7	13	25	39	68
10°	0	0	3	3	3	6	7	16	27	44	74
7.5°	0	0	3	3	3	6	8	18	29	49	79
5°	0	0	3	3	3	6	8	20	31	54	83
2.5°	0	0	3	3	3	6	9	22	32	59	86
0°	0	0	3	3	3	6	9	24	33	64	88
-2.5°	0	0	3	3	3	6	11	25	38	67	93
-5°	0	0	3	3	4	7	12	26	42	69	97
-7.5°	0	0	3	3	4	7	14	26	45	71	100
-10°	0	0	3	3	4	7	15	27	48	73	103
-12.5°	0	0	3	3	4	7	16	27	50	74	105
-15°	0	0	3	3	4	8	17	28	51	75	106
-17.5°	0	0	3	3	5	8	17	28	51	75	106
-20°	0	0	3	3	5	8	17	30	50	75	104

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REPORT NUMBER: P626986 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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	1	3	3	5	8	17	30	49	74	102
-25°	0	1	3	3	5	8	17	31	48	72	98
-27.5°	0	1	3	3	5	9	17	31	47	70	96
-30°	0	1	3	3	4	9	17	30	46	68	93
-32.5°	0	1	3	3	5	10	16	30	46	66	89
-35°	0	1	3	3	5	10	16	29	44	64	85
-37.5°	0	1	3	3	5	10	17	28	43	62	83
-40°	0	1	2	3	5	10	17	27	40	60	82
-42.5°	0	1	2	3	5	10	17	25	38	57	79
-45°	0	1	2	3	5	10	16	24	36	53	75
-47.5°	0	1	2	3	5	10	16	24	35	49	71
-50°	0	1	2	3	6	10	15	23	33	47	65
-52.5°	0	1	3	4	6	9	15	22	31	45	60
-55°	0	1	3	4	6	9	14	20	30	42	56
-57.5°	0	1	3	4	5	9	13	19	28	39	52
-60°	0	1	3	4	5	8	13	18	26	36	48
-62.5°	0	1	2	4	5	8	12	17	24	33	44
-65°	0	1	2	4	5	7	11	16	22	30	40
-67.5°	0	1	2	4	5	7	10	14	20	27	35
-70°	0	0	2	4	5	7	9	13	17	23	30
-72.5°	0	0	2	3	5	6	8	11	15	20	25
-75°	0	0	1	3	4	6	7	10	12	16	21
-77.5°	0	0	1	2	4	5	7	9	11	13	16
-80°	0	0	1	2	3	5	6	8	9	11	13
-82.5°	0	0	1	1	2	3	5	6	8	9	11
-85°	0	0	1	1	2	2	3	4	5	6	8
-87.5°	0	0	0	0	1	1	2	2	3	3	4
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA2D-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	1	1	1	0	0	0	0	0	0	0
65°	1	2	1	1	0	1	1	1	0	0	0
62.5°	3	2	2	1	2	2	2	1	0	1	1
60°	3	3	2	2	3	3	2	2	2	3	7
57.5°	3	3	3	3	3	3	4	4	11	18	20
55°	3	3	3	4	5	5	8	17	25	31	34
52.5°	3	3	5	6	7	11	21	31	39	45	53
50°	4	5	6	8	13	24	35	46	57	67	78
47.5°	5	6	9	13	25	38	52	66	78	92	109
45°	6	10	13	23	37	54	72	87	100	116	131
42.5°	8	15	22	33	53	73	93	106	120	137	157
40°	13	21	32	49	70	94	112	125	140	165	188
37.5°	19	29	42	64	90	113	130	147	169	197	225
35°	25	37	56	81	110	131	150	171	201	233	267
32.5°	32	45	70	98	125	148	169	200	232	267	314
30°	39	56	84	114	140	164	193	228	260	303	357
27.5°	46	68	98	128	153	179	218	251	287	336	402
25°	54	81	111	140	166	198	241	277	314	376	464
22.5°	63	92	123	151	179	219	265	309	358	420	529
20°	73	103	135	165	191	239	290	345	411	497	639
17.5°	83	113	146	178	211	260	317	382	464	572	781
15°	91	122	157	191	230	282	345	424	523	658	917
12.5°	99	130	167	205	247	302	369	455	572	766	1092
10°	106	137	177	217	262	319	390	482	612	843	1222
7.5°	112	145	186	229	275	334	408	503	648	904	1324
5°	117	154	194	239	285	347	423	519	677	948	1403
2.5°	121	162	201	246	292	357	435	535	706	985	1469
0°	124	170	206	252	297	364	443	546	728	1011	1520
-2.5°	129	174	214	257	306	369	447	555	736	1014	1510
-5°	132	176	219	260	312	373	448	558	735	1006	1479
-7.5°	135	178	224	263	316	374	449	556	727	989	1428
-10°	137	180	225	266	317	374	446	549	710	957	1352
-12.5°	140	182	226	268	317	372	440	537	683	908	1255
-15°	142	183	225	268	315	368	431	519	646	843	1133
-17.5°	143	183	224	266	313	362	418	499	613	785	1047
-20°	143	183	223	261	309	356	410	483	585	730	941

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	142	181	221	257	303	349	400	464	549	669	839
-25°	139	179	218	255	297	342	387	443	517	623	765
-27.5°	134	175	214	251	289	333	375	426	491	573	686
-30°	127	170	208	246	283	324	364	408	465	536	627
-32.5°	121	165	202	238	276	314	353	393	442	501	572
-35°	116	157	195	229	266	304	341	378	418	471	532
-37.5°	113	150	188	221	256	292	328	363	400	441	497
-40°	109	142	180	213	244	280	314	348	382	423	466
-42.5°	105	137	171	205	235	267	300	332	367	405	445
-45°	101	130	163	194	225	255	287	317	351	386	423
-47.5°	95	123	154	182	212	242	273	303	332	366	402
-50°	88	114	143	170	196	227	257	287	317	345	376
-52.5°	81	105	132	158	182	208	239	270	299	327	354
-55°	73	95	120	146	170	192	219	250	279	307	335
-57.5°	67	86	108	133	157	180	204	231	259	286	313
-60°	62	77	96	119	142	165	189	214	240	265	290
-62.5°	56	69	85	104	126	149	171	194	219	241	263
-65°	51	61	74	90	108	128	150	172	194	214	233
-67.5°	45	54	65	76	92	109	127	147	167	186	204
-70°	38	47	56	66	77	91	107	123	140	157	174
-72.5°	32	39	47	55	65	77	90	103	117	132	146
-75°	26	32	39	46	54	64	74	85	97	108	120
-77.5°	21	26	31	37	43	50	59	67	77	86	95
-80°	16	19	24	28	33	39	44	50	57	65	72
-82.5°	13	15	18	21	24	28	31	36	41	46	52
-85°	9	11	12	14	16	18	20	23	26	29	33
-87.5°	5	5	6	7	8	9	10	11	12	14	16
-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°	1	1	1	1	1	1	2	2	2	2	2
60°	8	6	8	10	10	7	11	12	11	9	9
57.5°	21	23	26	31	34	36	39	42	44	46	47
55°	39	47	55	59	65	75	84	85	86	88	93
52.5°	63	72	76	83	96	104	108	115	123	130	136
50°	91	98	108	119	131	139	142	155	170	182	189
47.5°	119	129	146	166	177	186	199	215	231	249	263
45°	145	164	185	203	218	233	250	270	296	321	340
42.5°	176	196	218	239	254	280	310	334	371	405	425
40°	211	231	262	288	320	353	404	452	499	554	595
37.5°	253	285	328	370	417	466	557	651	728	835	895
35°	303	353	414	476	552	670	803	984	1172	1329	1480
32.5°	362	425	509	621	748	937	1138	1471	1796	2120	2439
30°	419	511	640	793	1003	1301	1680	2195	2753	3241	3684
27.5°	496	626	794	1023	1379	1816	2515	3231	3941	4576	5031
25°	589	763	1000	1379	1894	2619	3556	4433	5267	5889	6412
22.5°	723	984	1320	1803	2737	3745	4867	5970	6907	7690	8207
20°	888	1242	1805	2680	3778	5039	6482	7643	8796	9678	10466
17.5°	1123	1686	2480	3592	4904	6586	8072	9366	10831	11732	12536
15°	1334	2057	3190	4608	6146	7928	9681	11266	12680	13670	14568
12.5°	1601	2452	3754	5423	7105	9089	10910	12608	13992	15012	15640
10°	1840	2857	4318	6063	7946	10018	11906	13673	15014	15802	16265
7.5°	2032	3194	4774	6611	8598	10685	12679	14433	15716	16375	16691
5°	2182	3443	5132	7060	9124	11259	13295	15011	16092	16637	16813
2.5°	2294	3617	5373	7356	9480	11683	13762	15453	16375	16769	16827
0°	2370	3739	5529	7541	9784	11835	14014	15732	16609	16925	16955
-2.5°	2352	3695	5522	7474	9749	11904	14055	15750	16688	17112	17181
-5°	2304	3591	5339	7283	9472	11630	13681	15471	16623	17263	17547
-7.5°	2212	3411	5026	6917	9023	11183	13274	15132	16457	17358	17913
-10°	2055	3149	4625	6455	8530	10588	12656	14583	16011	17096	17869
-12.5°	1840	2792	4137	5800	7886	9807	11766	13612	15170	16508	17307
-15°	1618	2422	3629	5151	6967	8859	10668	12480	14018	15269	16266
-17.5°	1461	2097	3041	4373	5967	7763	9528	11192	12580	13756	14801
-20°	1261	1733	2481	3601	5005	6574	8265	9746	10986	12088	13087

Classified

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

Scaled Data Report



REPORT NUMBER: P626986 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	1102	1484	2025	2789	4050	5434	6817	8181	9346	10328	11180
-25°	957	1226	1648	2269	3089	4285	5450	6602	7678	8590	9358
-27.5°	844	1058	1339	1781	2404	3101	4122	5085	6010	6844	7568
-30°	741	901	1121	1398	1821	2339	2953	3673	4411	5069	5727
-32.5°	667	781	932	1137	1374	1745	2117	2601	3068	3548	4020
-35°	600	692	795	932	1095	1311	1556	1852	2101	2416	2706
-37.5°	555	619	698	784	901	1022	1187	1367	1522	1697	1844
-40°	517	568	621	679	759	841	948	1049	1147	1254	1333
-42.5°	485	526	564	609	657	722	794	857	916	979	1031
-45°	460	491	522	557	592	640	691	738	777	811	840
-47.5°	433	461	488	515	546	580	613	644	676	703	723
-50°	407	434	459	482	509	536	562	586	609	629	642
-52.5°	381	409	434	455	478	500	522	543	563	581	590
-55°	362	388	412	432	451	469	489	509	528	545	550
-57.5°	340	367	390	408	426	442	460	479	497	514	519
-60°	316	343	364	381	399	417	434	451	468	482	487
-62.5°	286	311	330	347	363	378	396	414	432	446	454
-65°	252	273	291	308	323	338	356	372	388	400	409
-67.5°	221	238	253	268	283	298	314	329	344	355	362
-70°	191	206	220	234	248	261	274	287	300	309	316
-72.5°	161	175	187	199	211	223	234	246	256	265	272
-75°	133	145	155	166	176	185	194	203	211	218	224
-77.5°	105	114	123	132	141	148	155	162	168	174	180
-80°	80	87	94	100	107	113	118	123	128	132	137
-82.5°	58	62	66	71	75	79	83	87	90	94	97
-85°	37	39	42	44	46	49	51	53	56	58	60
-87.5°	17	19	20	21	22	23	24	25	26	27	28
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626986 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	3	3	3	3	3	3	3	2	2	2	2
60°	9	9	9	9	9	9	9	9	9	11	12
57.5°	46	43	40	36	40	43	46	47	46	44	42
55°	99	105	107	106	107	105	99	93	88	86	85
52.5°	141	144	143	140	143	144	141	136	130	123	115
50°	193	193	191	188	191	193	193	189	182	170	155
47.5°	270	275	277	276	277	275	270	263	249	231	215
45°	347	351	353	352	353	351	347	340	321	296	270
42.5°	436	443	445	443	445	443	436	425	405	371	334
40°	618	626	622	613	622	626	618	595	554	499	452
37.5°	937	967	980	980	980	967	937	895	835	728	651
35°	1616	1724	1774	1712	1774	1724	1616	1480	1329	1172	984
32.5°	2699	2890	2998	2998	2998	2890	2699	2439	2120	1796	1471
30°	4018	4258	4393	4422	4393	4258	4018	3684	3241	2753	2195
27.5°	5387	5635	5764	5745	5764	5635	5387	5031	4576	3941	3231
25°	6760	6947	7056	7059	7056	6947	6760	6412	5889	5267	4433
22.5°	8788	9183	9346	9390	9346	9183	8788	8207	7690	6907	5970
20°	10999	11382	11629	11644	11629	11382	10999	10466	9678	8796	7643
17.5°	13106	13296	13331	13347	13331	13296	13106	12536	11732	10831	9366
15°	15091	15158	15334	15356	15334	15158	15091	14568	13670	12680	11266
12.5°	16035	16096	16066	15984	16066	16096	16035	15640	15012	13992	12608
10°	16549	16463	16335	16181	16335	16463	16549	16265	15802	15014	13673
7.5°	16665	16570	16344	16121	16344	16570	16665	16691	16375	15716	14433
5°	16720	16440	16155	15884	16155	16440	16720	16813	16637	16092	15011
2.5°	16688	16354	15963	15671	15963	16354	16688	16827	16769	16375	15453
0°	16794	16457	16048	15938	16048	16457	16794	16955	16925	16609	15732
-2.5°	17091	16818	16604	16545	16604	16818	17091	17181	17112	16688	15750
-5°	17624	17564	17200	17286	17200	17564	17624	17547	17263	16623	15471
-7.5°	18139	18054	17900	18099	17900	18054	18139	17913	17358	16457	15132
-10°	18276	18248	18320	18497	18320	18248	18276	17869	17096	16011	14583
-12.5°	17856	18076	18323	18509	18323	18076	17856	17307	16508	15170	13612
-15°	16920	17370	17739	17914	17739	17370	16920	16266	15269	14018	12480
-17.5°	15541	16093	16530	16655	16530	16093	15541	14801	13756	12580	11192
-20°	13843	14405	14802	14961	14802	14405	13843	13087	12088	10986	9746

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REPORT NUMBER: P626986 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	11933	12481	12841	13031	12841	12481	11933	11180	10328	9346	8181
-25°	9994	10475	10795	10880	10795	10475	9994	9358	8590	7678	6602
-27.5°	8139	8527	8763	8789	8763	8527	8139	7568	6844	6010	5085
-30°	6274	6634	6838	6946	6838	6634	6274	5727	5069	4411	3673
-32.5°	4406	4692	4865	4910	4865	4692	4406	4020	3548	3068	2601
-35°	2938	3115	3225	3247	3225	3115	2938	2706	2416	2101	1852
-37.5°	1964	2051	2104	2130	2104	2051	1964	1844	1697	1522	1367
-40°	1392	1432	1455	1460	1455	1432	1392	1333	1254	1147	1049
-42.5°	1064	1085	1096	1099	1096	1085	1064	1031	979	916	857
-45°	860	874	883	886	883	874	860	840	811	777	738
-47.5°	736	745	751	753	751	745	736	723	703	676	644
-50°	649	654	656	656	656	654	649	642	629	609	586
-52.5°	595	598	599	598	599	598	595	590	581	563	543
-55°	554	557	557	555	557	557	554	550	545	528	509
-57.5°	523	526	525	522	525	526	523	519	514	497	479
-60°	492	496	496	495	496	496	492	487	482	468	451
-62.5°	462	468	469	467	469	468	462	454	446	432	414
-65°	417	425	425	422	425	425	417	409	400	388	372
-67.5°	369	374	375	373	375	374	369	362	355	344	329
-70°	323	329	329	328	329	329	323	316	309	300	287
-72.5°	278	284	285	285	285	284	278	272	265	256	246
-75°	230	235	235	234	235	235	230	224	218	211	203
-77.5°	185	190	190	188	190	190	185	180	174	168	162
-80°	141	145	144	143	144	145	141	137	132	128	123
-82.5°	100	103	102	100	102	103	100	97	94	90	87
-85°	62	63	64	64	64	63	62	60	58	56	53
-87.5°	29	30	29	27	29	30	29	28	27	26	25
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626986 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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	1
62.5°	2	1	1	1	1	1	1	1	1	0	1
60°	11	7	10	10	8	6	8	7	3	2	2
57.5°	39	36	34	31	26	23	21	20	18	11	4
55°	84	75	65	59	55	47	39	34	31	25	17
52.5°	108	104	96	83	76	72	63	53	45	39	31
50°	142	139	131	119	108	98	91	78	67	57	46
47.5°	199	186	177	166	146	129	119	109	92	78	66
45°	250	233	218	203	185	164	145	131	116	100	87
42.5°	310	280	254	239	218	196	176	157	137	120	106
40°	404	353	320	288	262	231	211	188	165	140	125
37.5°	557	466	417	370	328	285	253	225	197	169	147
35°	803	670	552	476	414	353	303	267	233	201	171
32.5°	1138	937	748	621	509	425	362	314	267	232	200
30°	1680	1301	1003	793	640	511	419	357	303	260	228
27.5°	2515	1816	1379	1023	794	626	496	402	336	287	251
25°	3556	2619	1894	1379	1000	763	589	464	376	314	277
22.5°	4867	3745	2737	1803	1320	984	723	529	420	358	309
20°	6482	5039	3778	2680	1805	1242	888	639	497	411	345
17.5°	8072	6586	4904	3592	2480	1686	1123	781	572	464	382
15°	9681	7928	6146	4608	3190	2057	1334	917	658	523	424
12.5°	10910	9089	7105	5423	3754	2452	1601	1092	766	572	455
10°	11906	10018	7946	6063	4318	2857	1840	1222	843	612	482
7.5°	12679	10685	8598	6611	4774	3194	2032	1324	904	648	503
5°	13295	11259	9124	7060	5132	3443	2182	1403	948	677	519
2.5°	13762	11683	9480	7356	5373	3617	2294	1469	985	706	535
0°	14014	11835	9784	7541	5529	3739	2370	1520	1011	728	546
-2.5°	14055	11904	9749	7474	5522	3695	2352	1510	1014	736	555
-5°	13681	11630	9472	7283	5339	3591	2304	1479	1006	735	558
-7.5°	13274	11183	9023	6917	5026	3411	2212	1428	989	727	556
-10°	12656	10588	8530	6455	4625	3149	2055	1352	957	710	549
-12.5°	11766	9807	7886	5800	4137	2792	1840	1255	908	683	537
-15°	10668	8859	6967	5151	3629	2422	1618	1133	843	646	519
-17.5°	9528	7763	5967	4373	3041	2097	1461	1047	785	613	499
-20°	8265	6574	5005	3601	2481	1733	1261	941	730	585	483

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REPORT NUMBER: P626986 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2D-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°	6817	5434	4050	2789	2025	1484	1102	839	669	549	464
-25°	5450	4285	3089	2269	1648	1226	957	765	623	517	443
-27.5°	4122	3101	2404	1781	1339	1058	844	686	573	491	426
-30°	2953	2339	1821	1398	1121	901	741	627	536	465	408
-32.5°	2117	1745	1374	1137	932	781	667	572	501	442	393
-35°	1556	1311	1095	932	795	692	600	532	471	418	378
-37.5°	1187	1022	901	784	698	619	555	497	441	400	363
-40°	948	841	759	679	621	568	517	466	423	382	348
-42.5°	794	722	657	609	564	526	485	445	405	367	332
-45°	691	640	592	557	522	491	460	423	386	351	317
-47.5°	613	580	546	515	488	461	433	402	366	332	303
-50°	562	536	509	482	459	434	407	376	345	317	287
-52.5°	522	500	478	455	434	409	381	354	327	299	270
-55°	489	469	451	432	412	388	362	335	307	279	250
-57.5°	460	442	426	408	390	367	340	313	286	259	231
-60°	434	417	399	381	364	343	316	290	265	240	214
-62.5°	396	378	363	347	330	311	286	263	241	219	194
-65°	356	338	323	308	291	273	252	233	214	194	172
-67.5°	314	298	283	268	253	238	221	204	186	167	147
-70°	274	261	248	234	220	206	191	174	157	140	123
-72.5°	234	223	211	199	187	175	161	146	132	117	103
-75°	194	185	176	166	155	145	133	120	108	97	85
-77.5°	155	148	141	132	123	114	105	95	86	77	67
-80°	118	113	107	100	94	87	80	72	65	57	50
-82.5°	83	79	75	71	66	62	58	52	46	41	36
-85°	51	49	46	44	42	39	37	33	29	26	23
-87.5°	24	23	22	21	20	19	17	16	14	12	11
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626986 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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	1	1	1	0	0	0	0	0
65°	1	1	0	1	1	2	1	1	1	1	0
62.5°	2	2	2	1	2	2	3	2	2	1	1
60°	2	3	3	2	2	3	3	3	2	2	1
57.5°	4	3	3	3	3	3	3	3	3	3	2
55°	8	5	5	4	3	3	3	3	3	3	3
52.5°	21	11	7	6	5	3	3	3	3	3	3
50°	35	24	13	8	6	5	4	4	3	3	3
47.5°	52	38	25	13	9	6	5	4	3	3	3
45°	72	54	37	23	13	10	6	5	4	3	4
42.5°	93	73	53	33	22	15	8	6	5	3	4
40°	112	94	70	49	32	21	13	7	6	4	4
37.5°	130	113	90	64	42	29	19	8	7	5	4
35°	150	131	110	81	56	37	25	11	9	6	4
32.5°	169	148	125	98	70	45	32	18	11	7	5
30°	193	164	140	114	84	56	39	24	13	8	5
27.5°	218	179	153	128	98	68	46	30	16	10	6
25°	241	198	166	140	111	81	54	35	20	12	7
22.5°	265	219	179	151	123	92	63	41	25	15	8
20°	290	239	191	165	135	103	73	48	29	17	9
17.5°	317	260	211	178	146	113	83	55	33	20	10
15°	345	282	230	191	157	122	91	61	36	22	11
12.5°	369	302	247	205	167	130	99	68	39	25	13
10°	390	319	262	217	177	137	106	74	44	27	16
7.5°	408	334	275	229	186	145	112	79	49	29	18
5°	423	347	285	239	194	154	117	83	54	31	20
2.5°	435	357	292	246	201	162	121	86	59	32	22
0°	443	364	297	252	206	170	124	88	64	33	24
-2.5°	447	369	306	257	214	174	129	93	67	38	25
-5°	448	373	312	260	219	176	132	97	69	42	26
-7.5°	449	374	316	263	224	178	135	100	71	45	26
-10°	446	374	317	266	225	180	137	103	73	48	27
-12.5°	440	372	317	268	226	182	140	105	74	50	27
-15°	431	368	315	268	225	183	142	106	75	51	28
-17.5°	418	362	313	266	224	183	143	106	75	51	28
-20°	410	356	309	261	223	183	143	104	75	50	30

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REPORT NUMBER: P626986 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	400	349	303	257	221	181	142	102	74	49	30
-25°	387	342	297	255	218	179	139	98	72	48	31
-27.5°	375	333	289	251	214	175	134	96	70	47	31
-30°	364	324	283	246	208	170	127	93	68	46	30
-32.5°	353	314	276	238	202	165	121	89	66	46	30
-35°	341	304	266	229	195	157	116	85	64	44	29
-37.5°	328	292	256	221	188	150	113	83	62	43	28
-40°	314	280	244	213	180	142	109	82	60	40	27
-42.5°	300	267	235	205	171	137	105	79	57	38	25
-45°	287	255	225	194	163	130	101	75	53	36	24
-47.5°	273	242	212	182	154	123	95	71	49	35	24
-50°	257	227	196	170	143	114	88	65	47	33	23
-52.5°	239	208	182	158	132	105	81	60	45	31	22
-55°	219	192	170	146	120	95	73	56	42	30	20
-57.5°	204	180	157	133	108	86	67	52	39	28	19
-60°	189	165	142	119	96	77	62	48	36	26	18
-62.5°	171	149	126	104	85	69	56	44	33	24	17
-65°	150	128	108	90	74	61	51	40	30	22	16
-67.5°	127	109	92	76	65	54	45	35	27	20	14
-70°	107	91	77	66	56	47	38	30	23	17	13
-72.5°	90	77	65	55	47	39	32	25	20	15	11
-75°	74	64	54	46	39	32	26	21	16	12	10
-77.5°	59	50	43	37	31	26	21	16	13	11	9
-80°	44	39	33	28	24	19	16	13	11	9	8
-82.5°	31	28	24	21	18	15	13	11	9	8	6
-85°	20	18	16	14	12	11	9	8	6	5	4
-87.5°	10	9	8	7	6	5	5	4	3	3	2
-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: P626986 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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	1	1	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	0	1	1	1	0	0	0
62.5°	0	1	2	1	0	0	0
60°	1	1	2	1	0	0	0
57.5°	1	1	2	2	0	0	0
55°	2	1	2	2	0	0	0
52.5°	2	2	2	2	1	0	0
50°	3	2	2	3	1	0	0
47.5°	3	2	2	3	1	0	0
45°	3	2	2	3	1	0	0
42.5°	4	3	2	3	1	0	0
40°	4	3	3	3	2	0	0
37.5°	4	3	3	3	2	0	0
35°	5	3	3	3	2	0	0
32.5°	5	4	3	3	2	0	0
30°	5	4	3	3	2	0	0
27.5°	5	4	3	3	2	0	0
25°	6	5	3	3	2	0	0
22.5°	6	5	3	3	3	0	0
20°	6	5	3	3	3	0	0
17.5°	6	5	3	3	3	0	0
15°	7	6	3	3	3	0	0
12.5°	7	6	3	3	3	0	0
10°	7	6	3	3	3	0	0
7.5°	8	6	3	3	3	0	0
5°	8	6	3	3	3	0	0
2.5°	9	6	3	3	3	0	0
0°	9	6	3	3	3	0	0
-2.5°	11	6	3	3	3	0	0
-5°	12	7	4	3	3	0	0
-7.5°	14	7	4	3	3	0	0
-10°	15	7	4	3	3	0	0
-12.5°	16	7	4	3	3	0	0
-15°	17	8	4	3	3	0	0
-17.5°	17	8	5	3	3	0	0
-20°	17	8	5	3	3	0	0

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CATALOG NUMBER: GFLD-SA2D-740-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	17	8	5	3	3	1	0
-25°	17	8	5	3	3	1	0
-27.5°	17	9	5	3	3	1	0
-30°	17	9	4	3	3	1	0
-32.5°	16	10	5	3	3	1	0
-35°	16	10	5	3	3	1	0
-37.5°	17	10	5	3	3	1	0
-40°	17	10	5	3	2	1	0
-42.5°	17	10	5	3	2	1	0
-45°	16	10	5	3	2	1	0
-47.5°	16	10	5	3	2	1	0
-50°	15	10	6	3	2	1	0
-52.5°	15	9	6	4	3	1	0
-55°	14	9	6	4	3	1	0
-57.5°	13	9	5	4	3	1	0
-60°	13	8	5	4	3	1	0
-62.5°	12	8	5	4	2	1	0
-65°	11	7	5	4	2	1	0
-67.5°	10	7	5	4	2	1	0
-70°	9	7	5	4	2	0	0
-72.5°	8	6	5	3	2	0	0
-75°	7	6	4	3	1	0	0
-77.5°	7	5	4	2	1	0	0
-80°	6	5	3	2	1	0	0
-82.5°	5	3	2	1	1	0	0
-85°	3	2	2	1	1	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)