

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: P626906 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-730-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626906 (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-SA2C-730-U-MWR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (32) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10013.8 lumens  
Efficiency: N/A  
Efficacy: 121.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V  
Max Intensity: 14029.2 candela  
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 6707.2 lumens  
Beam Efficiency: 67.0%

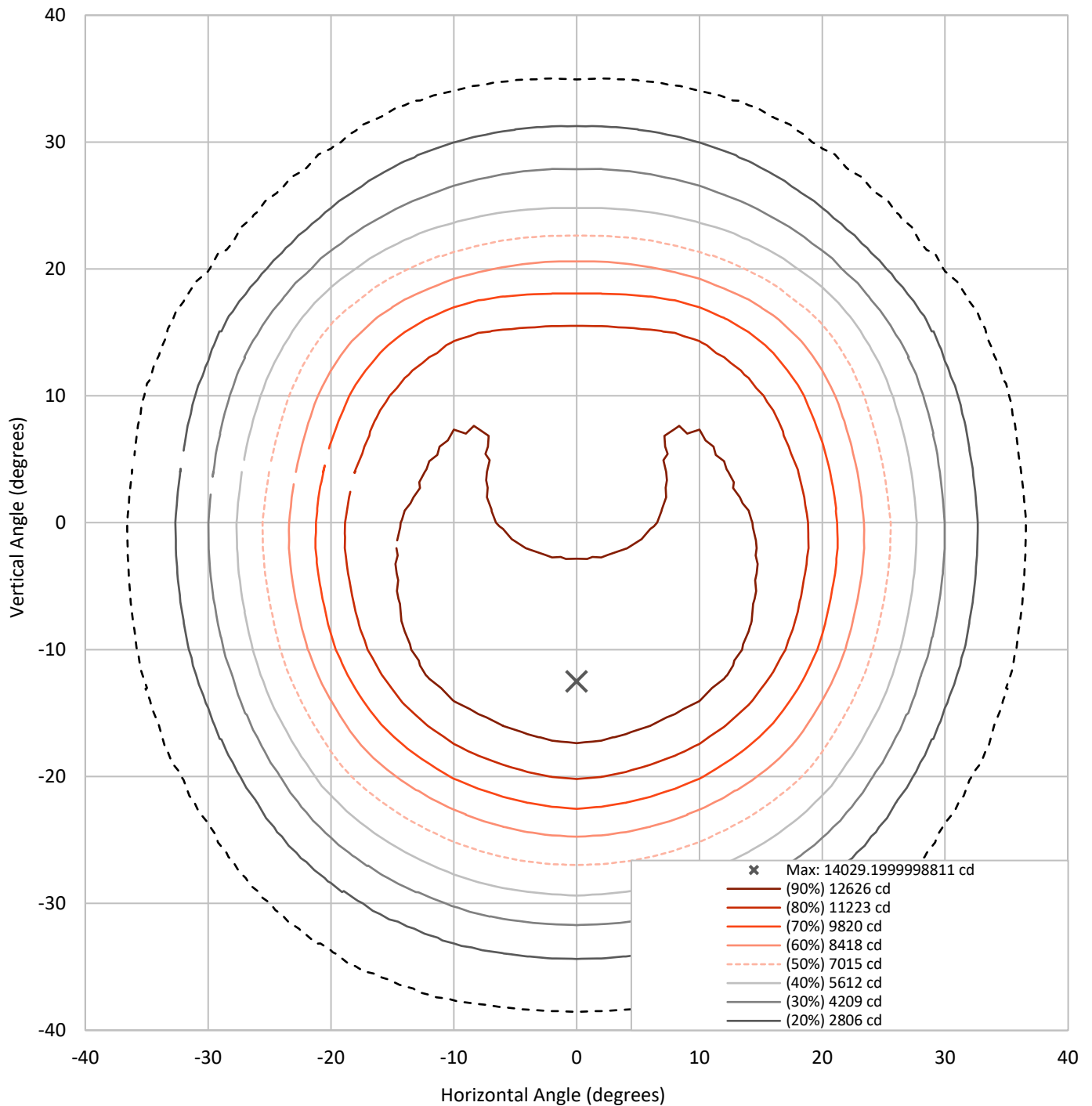
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 9025.9 lumens  
Field Efficiency: 90.1%

Input Watts (W): 82.6  
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-SA2C-730-U-MWR-VSR-XX

### Iso-Candela Plot





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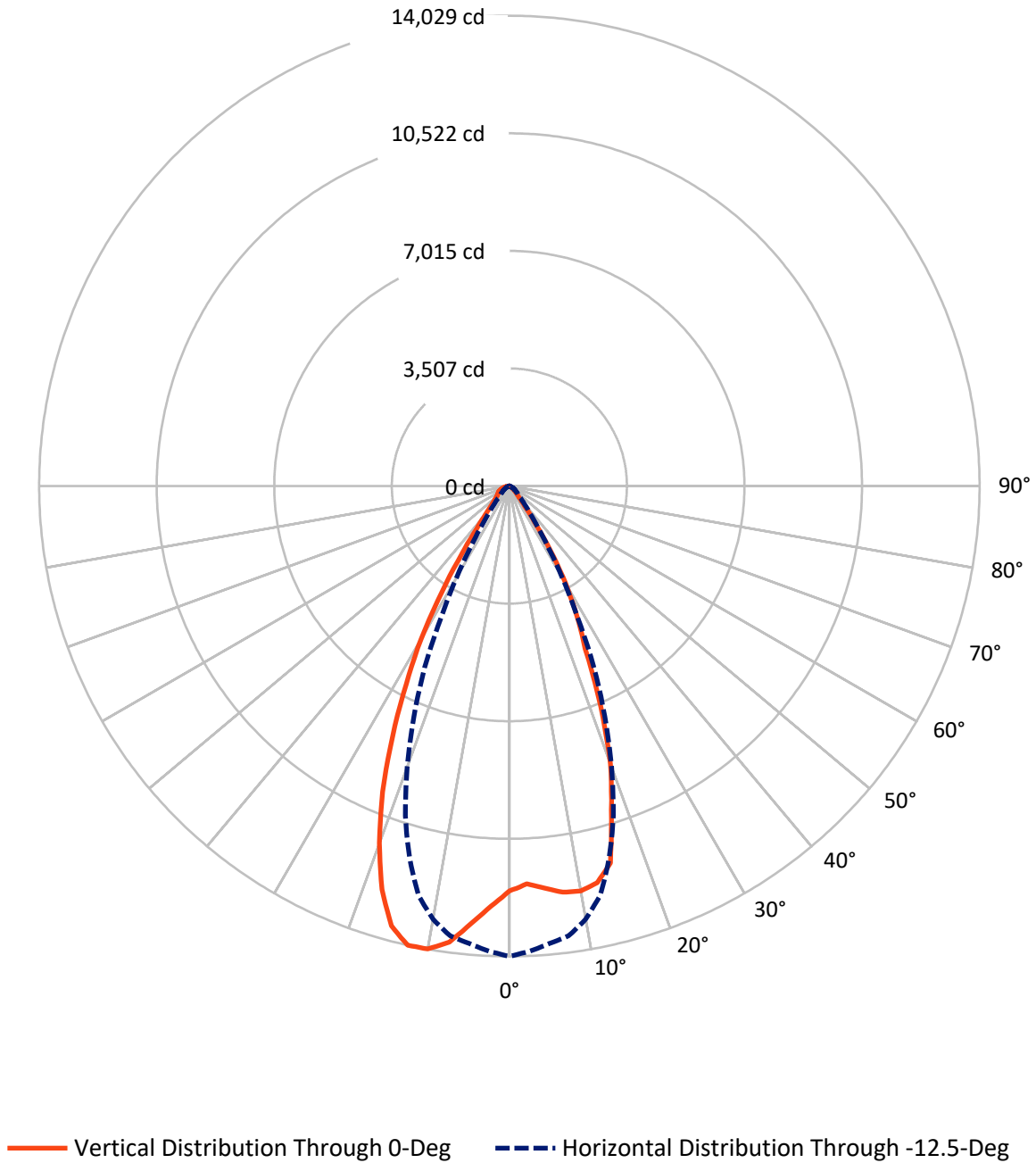
CATALOG NUMBER: GFLD-SA2C-730-U-MWR-VSR-XX

### 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	0.1	0.3	0.8	1.4	1.9	2.2	2.2	1.9	1.4	0.8	0.3	0.1	0.0	0.0			
40	0.1	0.1	0.4	1.4	2.8	4.6	6.9	8.4	8.4	6.9	4.6	2.8	1.4	0.4	0.1	0.1			
30	0.1	0.1	0.2	1.1	2.9	6.0	13.0	29.6	45.1	45.1	29.6	13.0	6.0	2.9	1.1	0.2			
20	0.1	0.1	0.4	1.9	4.7	12.6	46.6	119.9	167.6	167.6	119.9	46.6	12.6	4.7	1.9	0.4			
10	0.2	0.2	0.7	2.6	7.2	29.9	129.3	269.7	333.9	333.9	269.7	129.3	29.9	7.2	2.6	0.7			
0	0.2	0.2	0.9	3.2	9.3	47.6	190.4	347.7	377.0	377.0	347.7	190.4	47.6	9.3	3.2	0.9			
-10	0.2	0.2	1.0	3.6	10.0	49.8	196.6	360.2	400.1	400.1	360.2	196.6	49.8	10.0	3.6	1.0			
-20	0.3	0.3	1.1	3.6	9.1	35.6	146.4	303.9	388.0	388.0	303.9	146.4	35.6	9.1	3.6	1.1			
-30	0.3	0.3	1.1	3.4	7.5	19.9	71.0	169.3	238.3	238.3	169.3	71.0	19.9	7.5	3.4	1.1			
-40	0.3	0.3	0.9	3.1	6.3	11.9	25.3	52.9	78.5	78.5	52.9	25.3	11.9	6.3	3.1	0.9			
-50	0.3	0.3	0.8	2.6	5.2	8.7	12.8	18.1	21.4	21.4	18.1	12.8	8.7	5.2	2.6	0.8			
-60	0.2	0.2	0.6	1.9	4.1	6.8	9.5	11.8	12.9	12.9	11.8	9.5	6.8	4.1	1.9	0.6			
-70	0.2	0.2	0.4	1.2	2.8	4.8	6.8	8.6	9.6	9.6	8.6	6.8	4.8	2.8	1.2	0.4			
-80	0.1	0.1	1.1	5.0	10.7	13.8	10.7	5.0	1.1	0.1	0.1	1.1	5.0	10.7	13.8	10.7			
-90	0.1																		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

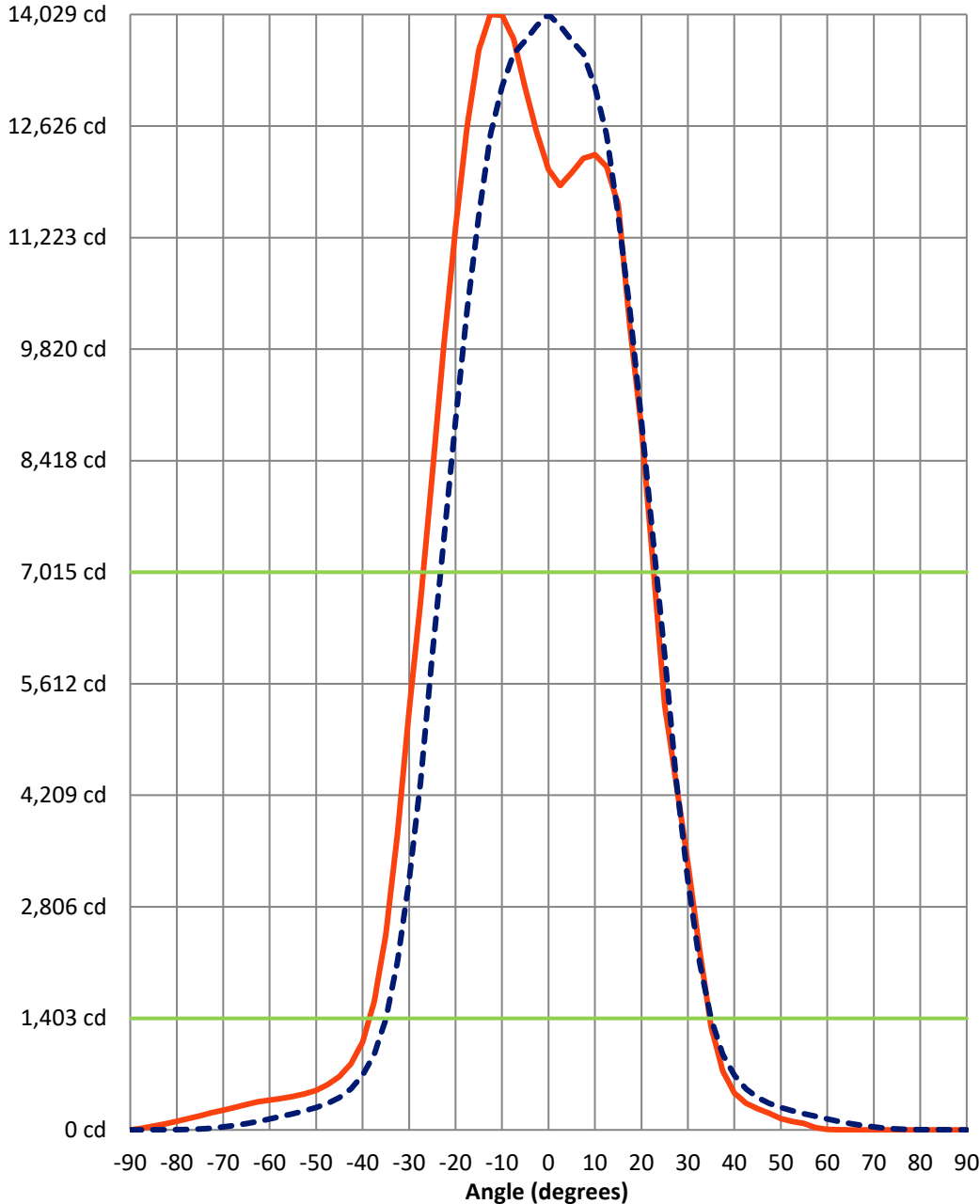
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 6707.2  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 9025.9  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 987.9  
 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	1	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	0	0
65°	0	0	0	0	1	1	0	0	1	1	1
62.5°	0	0	0	1	1	1	0	0	1	1	1
60°	0	0	0	1	1	1	0	1	2	2	2
57.5°	0	0	0	1	2	1	1	2	2	2	2
55°	0	0	0	1	2	1	1	2	2	2	2
52.5°	0	0	0	2	2	1	2	2	2	2	2
50°	0	0	1	2	2	1	2	2	2	2	3
47.5°	0	0	1	2	2	2	2	3	2	2	3
45°	0	0	1	2	2	2	3	3	2	3	4
42.5°	0	0	1	2	2	2	3	3	3	3	5
40°	0	0	1	2	2	2	3	3	3	4	5
37.5°	0	0	1	2	2	2	3	3	4	5	6
35°	0	0	1	2	2	2	4	3	5	7	9
32.5°	0	0	2	2	2	3	4	4	5	8	14
30°	0	0	2	2	2	3	4	4	6	10	18
27.5°	0	0	2	2	2	3	4	5	8	12	23
25°	0	0	2	2	2	3	4	5	9	16	27
22.5°	0	0	2	2	2	4	4	6	11	19	31
20°	0	0	2	2	2	4	5	7	13	22	36
17.5°	0	0	2	2	2	4	5	8	15	25	41
15°	0	0	2	2	2	4	5	9	17	27	46
12.5°	0	0	2	2	2	4	5	10	19	29	51
10°	0	0	2	2	2	4	6	12	21	33	56
7.5°	0	0	2	2	2	5	6	14	22	37	60
5°	0	0	2	2	2	5	6	15	23	41	63
2.5°	0	0	2	2	2	5	7	17	24	45	65
0°	0	0	2	2	2	5	7	18	25	48	67
-2.5°	0	0	2	2	3	5	8	19	29	50	70
-5°	0	0	2	2	3	5	9	20	32	52	73
-7.5°	0	0	2	2	3	5	10	20	34	54	76
-10°	0	0	2	2	3	5	11	20	36	55	78
-12.5°	0	0	2	2	3	6	12	21	38	56	79
-15°	0	0	2	2	3	6	13	21	39	57	80
-17.5°	0	0	2	2	3	6	13	22	38	57	80
-20°	0	0	2	2	4	6	13	22	38	57	79

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CATALOG NUMBER: GFLD-SA2C-730-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	2	2	4	6	13	23	37	56	77
-25°	0	0	2	2	4	6	13	23	37	55	74
-27.5°	0	0	2	2	3	7	13	23	36	53	72
-30°	0	0	2	2	3	7	13	23	35	52	70
-32.5°	0	1	2	2	4	7	12	22	35	50	68
-35°	0	1	2	2	4	7	12	22	34	49	64
-37.5°	0	1	2	2	4	8	13	21	32	47	63
-40°	0	1	2	2	4	8	13	20	30	45	62
-42.5°	0	1	2	2	4	8	13	19	29	43	60
-45°	0	1	2	2	4	8	12	19	28	40	57
-47.5°	0	1	2	3	4	7	12	18	26	37	54
-50°	0	1	2	3	4	7	12	17	25	36	50
-52.5°	0	1	2	3	4	7	11	16	24	34	45
-55°	0	1	2	3	4	7	11	15	23	32	43
-57.5°	0	1	2	3	4	7	10	15	21	30	39
-60°	0	0	2	3	4	6	10	14	20	27	36
-62.5°	0	0	2	3	4	6	9	13	18	25	33
-65°	0	0	2	3	4	6	8	12	17	23	30
-67.5°	0	0	2	3	4	5	8	11	15	20	27
-70°	0	0	1	3	4	5	7	10	13	17	23
-72.5°	0	0	1	3	4	5	6	8	11	15	19
-75°	0	0	1	2	3	4	6	7	9	12	16
-77.5°	0	0	1	2	3	4	5	6	8	10	12
-80°	0	0	1	1	2	3	5	6	7	8	10
-82.5°	0	0	1	1	2	3	4	5	6	7	8
-85°	0	0	0	1	1	2	2	3	4	5	6
-87.5°	0	0	0	0	1	1	1	2	2	2	3
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA2C-730-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	0	0	0	0	0	0	0	0
65°	1	1	1	1	0	1	1	1	0	0	0
62.5°	2	2	1	1	1	2	1	1	0	1	1
60°	2	2	2	2	2	2	2	2	2	2	5
57.5°	2	2	2	2	3	2	3	3	8	14	15
55°	2	2	3	3	3	4	6	13	19	24	26
52.5°	3	3	3	4	5	9	16	23	30	34	40
50°	3	4	5	6	10	18	27	35	43	50	59
47.5°	4	5	7	10	19	29	39	50	59	70	82
45°	5	7	10	18	28	41	54	66	76	88	99
42.5°	6	11	17	25	40	56	71	80	91	104	119
40°	10	16	24	37	53	71	85	95	106	125	143
37.5°	14	22	32	49	68	86	99	111	128	149	171
35°	19	28	43	62	83	99	114	130	152	177	202
32.5°	24	34	53	74	95	112	128	152	176	203	238
30°	30	43	64	87	106	124	147	173	197	229	271
27.5°	35	52	74	97	116	135	165	190	218	255	304
25°	41	61	84	106	126	150	183	210	238	285	352
22.5°	48	70	94	115	135	166	201	234	271	318	401
20°	56	78	102	125	145	181	220	261	311	377	485
17.5°	63	86	111	135	160	197	241	290	352	433	592
15°	69	93	119	145	175	214	262	322	397	499	695
12.5°	75	99	127	155	187	229	280	345	434	580	828
10°	80	104	134	165	199	242	296	365	464	639	926
7.5°	85	110	141	174	209	253	309	381	491	685	1004
5°	88	117	147	181	216	263	321	394	513	719	1063
2.5°	92	123	152	186	221	270	329	405	535	747	1113
0°	94	129	156	191	225	276	336	414	552	766	1152
-2.5°	98	132	162	194	232	280	339	420	558	769	1145
-5°	100	134	166	197	237	282	340	423	557	763	1121
-7.5°	102	135	170	199	240	284	340	421	551	750	1083
-10°	104	136	171	202	240	283	338	416	538	725	1025
-12.5°	106	138	171	203	240	282	334	407	517	688	951
-15°	108	139	171	203	239	279	327	394	490	639	859
-17.5°	108	139	170	201	237	274	317	378	465	595	793
-20°	108	138	169	198	234	270	310	366	443	554	713

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CATALOG NUMBER: GFLD-SA2C-730-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°	107	137	168	195	230	265	303	352	416	507	636
-25°	105	136	166	193	225	259	293	336	392	472	580
-27.5°	101	133	162	190	219	252	284	323	372	434	520
-30°	96	129	158	186	214	245	276	309	352	406	475
-32.5°	91	125	153	181	209	238	267	298	335	379	433
-35°	88	119	148	174	202	230	258	287	317	357	403
-37.5°	86	113	142	167	194	221	248	275	303	335	377
-40°	83	108	136	161	185	212	238	264	290	321	353
-42.5°	79	104	130	155	178	203	227	252	278	307	337
-45°	76	99	124	147	170	193	217	240	266	293	321
-47.5°	72	93	117	138	160	184	207	230	252	277	304
-50°	67	87	109	129	149	172	195	218	240	261	285
-52.5°	61	79	100	120	138	157	181	204	226	248	268
-55°	56	72	91	110	129	146	166	190	211	232	254
-57.5°	51	65	82	100	119	136	155	175	196	217	237
-60°	47	58	73	90	108	125	143	162	182	201	220
-62.5°	42	52	64	78	95	113	130	147	166	182	199
-65°	38	46	56	68	81	97	114	130	147	162	176
-67.5°	34	41	49	58	70	83	96	111	127	141	155
-70°	29	35	42	50	58	69	81	94	106	119	132
-72.5°	24	30	36	42	50	59	68	78	89	100	111
-75°	20	24	29	35	41	48	56	65	73	82	91
-77.5°	16	19	23	28	32	38	44	51	58	65	72
-80°	12	15	18	21	25	29	34	38	43	49	55
-82.5°	10	11	13	16	18	21	24	27	31	35	39
-85°	7	8	9	11	12	14	15	17	20	22	25
-87.5°	3	4	5	5	6	7	7	8	9	11	12
-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	0	1	2	2	2	2
60°	6	4	6	7	7	5	8	9	9	7	7
57.5°	16	17	20	23	26	27	29	32	34	35	35
55°	30	35	42	45	49	57	64	64	65	67	71
52.5°	47	54	57	63	73	79	82	87	93	98	103
50°	69	75	81	90	100	106	108	117	129	138	144
47.5°	90	98	111	126	134	141	151	163	175	189	200
45°	110	124	140	154	165	177	190	205	225	243	258
42.5°	133	149	165	181	193	213	235	253	282	307	322
40°	160	175	199	218	242	267	306	342	378	420	451
37.5°	192	216	248	280	316	353	422	494	552	633	678
35°	230	267	314	361	418	507	609	746	889	1007	1122
32.5°	274	322	386	471	567	710	862	1115	1361	1607	1849
30°	318	387	485	601	760	986	1273	1664	2087	2457	2792
27.5°	376	475	602	775	1045	1377	1907	2449	2987	3468	3814
25°	446	578	758	1046	1435	1985	2695	3360	3992	4463	4861
22.5°	548	746	1001	1367	2075	2839	3689	4525	5235	5829	6221
20°	673	941	1368	2031	2864	3819	4913	5793	6667	7336	7933
17.5°	851	1278	1880	2723	3717	4992	6118	7099	8210	8893	9502
15°	1011	1559	2418	3493	4658	6009	7338	8539	9611	10362	11043
12.5°	1213	1859	2845	4110	5385	6889	8270	9556	10606	11379	11855
10°	1394	2166	3273	4595	6023	7594	9025	10364	11381	11978	12328
7.5°	1541	2421	3619	5011	6517	8099	9611	10940	11912	12412	12651
5°	1654	2610	3890	5351	6916	8534	10077	11378	12197	12610	12744
2.5°	1739	2741	4072	5575	7185	8856	10431	11713	12412	12710	12754
0°	1796	2834	4191	5716	7416	8971	10622	11924	12589	12828	12851
-2.5°	1783	2800	4186	5665	7389	9023	10653	11938	12649	12971	13023
-5°	1747	2722	4047	5520	7179	8815	10370	11727	12600	13085	13300
-7.5°	1677	2585	3810	5243	6839	8476	10062	11469	12474	13157	13578
-10°	1557	2386	3506	4893	6465	8025	9593	11054	12136	12958	13544
-12.5°	1395	2117	3136	4396	5977	7434	8918	10318	11499	12512	13118
-15°	1227	1836	2751	3904	5281	6715	8086	9460	10625	11574	12329
-17.5°	1107	1589	2305	3315	4523	5884	7222	8484	9535	10427	11219
-20°	956	1314	1881	2729	3793	4983	6265	7387	8327	9163	9919

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626906 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-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°	835	1125	1535	2114	3069	4119	5167	6201	7084	7828	8474
-25°	726	929	1249	1720	2342	3248	4131	5004	5819	6511	7093
-27.5°	640	802	1015	1350	1822	2351	3125	3854	4555	5188	5736
-30°	562	683	850	1059	1380	1773	2239	2784	3343	3842	4341
-32.5°	505	592	707	862	1042	1323	1604	1971	2325	2690	3047
-35°	455	525	603	707	830	994	1179	1404	1593	1831	2051
-37.5°	420	469	529	595	683	774	900	1036	1153	1286	1398
-40°	392	430	471	515	575	637	718	795	869	950	1011
-42.5°	368	399	428	462	498	547	602	649	695	742	782
-45°	349	372	395	422	449	485	524	559	589	615	637
-47.5°	328	349	370	390	414	440	465	488	512	533	548
-50°	308	329	348	365	386	406	426	444	462	477	486
-52.5°	289	310	329	345	362	379	395	412	427	441	447
-55°	274	294	312	327	341	356	370	386	400	413	417
-57.5°	258	278	296	309	323	335	349	363	377	389	393
-60°	239	260	276	289	302	316	329	342	354	365	369
-62.5°	217	236	250	263	275	286	300	314	327	338	344
-65°	191	207	221	233	245	256	269	282	294	303	310
-67.5°	168	180	192	203	214	226	238	250	261	269	275
-70°	145	156	167	178	188	198	208	218	227	234	240
-72.5°	122	132	142	151	160	169	178	186	194	201	206
-75°	101	110	118	126	133	140	147	154	160	165	170
-77.5°	79	87	93	100	107	112	118	123	127	132	136
-80°	61	66	71	76	81	85	89	93	97	100	104
-82.5°	44	47	50	54	57	60	63	66	68	71	73
-85°	28	30	32	33	35	37	39	40	42	44	45
-87.5°	13	14	15	16	17	18	18	19	20	21	22
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626906 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-730-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°	2	2	2	2	2	2	2	2	2	2	2
60°	7	7	7	7	7	7	7	7	7	9	9
57.5°	35	32	30	28	30	32	35	35	35	34	32
55°	75	79	81	81	81	79	75	71	67	65	64
52.5°	107	109	108	106	108	109	107	103	98	93	87
50°	146	146	145	143	145	146	146	144	138	129	117
47.5°	205	208	210	209	210	208	205	200	189	175	163
45°	263	266	267	267	267	266	263	258	243	225	205
42.5°	331	336	338	336	338	336	331	322	307	282	253
40°	469	475	472	465	472	475	469	451	420	378	342
37.5°	710	733	743	743	743	733	710	678	633	552	494
35°	1225	1307	1344	1297	1344	1307	1225	1122	1007	889	746
32.5°	2046	2191	2273	2273	2273	2191	2046	1849	1607	1361	1115
30°	3046	3228	3330	3352	3330	3228	3046	2792	2457	2087	1664
27.5°	4083	4271	4369	4354	4369	4271	4083	3814	3468	2987	2449
25°	5124	5266	5348	5350	5348	5266	5124	4861	4463	3992	3360
22.5°	6661	6961	7084	7117	7084	6961	6661	6221	5829	5235	4525
20°	8337	8627	8815	8826	8815	8627	8337	7933	7336	6667	5793
17.5°	9934	10078	10104	10117	10104	10078	9934	9502	8893	8210	7099
15°	11439	11489	11623	11639	11623	11489	11439	11043	10362	9611	8539
12.5°	12154	12200	12177	12115	12177	12200	12154	11855	11379	10606	9556
10°	12543	12478	12381	12265	12381	12478	12543	12328	11978	11381	10364
7.5°	12632	12559	12388	12219	12388	12559	12632	12651	12412	11912	10940
5°	12674	12461	12245	12040	12245	12461	12674	12744	12610	12197	11378
2.5°	12649	12396	12100	11879	12100	12396	12649	12754	12710	12412	11713
0°	12730	12474	12164	12081	12164	12474	12730	12851	12828	12589	11924
-2.5°	12954	12747	12585	12541	12585	12747	12954	13023	12971	12649	11938
-5°	13359	13313	13037	13102	13037	13313	13359	13300	13085	12600	11727
-7.5°	13749	13684	13568	13719	13568	13684	13749	13578	13157	12474	11469
-10°	13853	13832	13886	14020	13886	13832	13853	13544	12958	12136	11054
-12.5°	13535	13701	13888	14029	13888	13701	13535	13118	12512	11499	10318
-15°	12825	13166	13446	13578	13446	13166	12825	12329	11574	10625	9460
-17.5°	11780	12198	12529	12624	12529	12198	11780	11219	10427	9535	8484
-20°	10493	10918	11220	11340	11220	10918	10493	9919	9163	8327	7387



REPORT NUMBER: P626906 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-730-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°	9045	9460	9733	9877	9733	9460	9045	8474	7828	7084	6201
-25°	7575	7940	8183	8246	8183	7940	7575	7093	6511	5819	5004
-27.5°	6169	6463	6642	6662	6642	6463	6169	5736	5188	4555	3854
-30°	4756	5028	5183	5265	5183	5028	4756	4341	3842	3343	2784
-32.5°	3340	3556	3687	3722	3687	3556	3340	3047	2690	2325	1971
-35°	2227	2361	2444	2461	2444	2361	2227	2051	1831	1593	1404
-37.5°	1489	1555	1595	1615	1595	1555	1489	1398	1286	1153	1036
-40°	1055	1086	1103	1106	1103	1086	1055	1011	950	869	795
-42.5°	807	822	831	833	831	822	807	782	742	695	649
-45°	652	663	669	672	669	663	652	637	615	589	559
-47.5°	558	565	569	571	569	565	558	548	533	512	488
-50°	492	496	498	497	498	496	492	486	477	462	444
-52.5°	451	453	454	453	454	453	451	447	441	427	412
-55°	420	422	422	421	422	422	420	417	413	400	386
-57.5°	396	399	398	396	398	399	396	393	389	377	363
-60°	373	376	376	375	376	376	373	369	365	354	342
-62.5°	350	354	355	354	355	354	350	344	338	327	314
-65°	316	322	322	320	322	322	316	310	303	294	282
-67.5°	279	284	284	283	284	284	279	275	269	261	250
-70°	245	249	249	248	249	249	245	240	234	227	218
-72.5°	211	215	216	216	216	215	211	206	201	194	186
-75°	174	178	178	177	178	178	174	170	165	160	154
-77.5°	140	144	144	143	144	144	140	136	132	127	123
-80°	107	110	109	108	109	110	107	104	100	97	93
-82.5°	76	78	77	76	77	78	76	73	71	68	66
-85°	47	48	48	48	48	48	47	45	44	42	40
-87.5°	22	23	22	21	22	23	22	22	21	20	19
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626906 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-730-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°	1	0	1	1	1	1	1	1	1	0	1
60°	8	5	7	7	6	4	6	5	2	2	2
57.5°	29	27	26	23	20	17	16	15	14	8	3
55°	64	57	49	45	42	35	30	26	24	19	13
52.5°	82	79	73	63	57	54	47	40	34	30	23
50°	108	106	100	90	81	75	69	59	50	43	35
47.5°	151	141	134	126	111	98	90	82	70	59	50
45°	190	177	165	154	140	124	110	99	88	76	66
42.5°	235	213	193	181	165	149	133	119	104	91	80
40°	306	267	242	218	199	175	160	143	125	106	95
37.5°	422	353	316	280	248	216	192	171	149	128	111
35°	609	507	418	361	314	267	230	202	177	152	130
32.5°	862	710	567	471	386	322	274	238	203	176	152
30°	1273	986	760	601	485	387	318	271	229	197	173
27.5°	1907	1377	1045	775	602	475	376	304	255	218	190
25°	2695	1985	1435	1046	758	578	446	352	285	238	210
22.5°	3689	2839	2075	1367	1001	746	548	401	318	271	234
20°	4913	3819	2864	2031	1368	941	673	485	377	311	261
17.5°	6118	4992	3717	2723	1880	1278	851	592	433	352	290
15°	7338	6009	4658	3493	2418	1559	1011	695	499	397	322
12.5°	8270	6889	5385	4110	2845	1859	1213	828	580	434	345
10°	9025	7594	6023	4595	3273	2166	1394	926	639	464	365
7.5°	9611	8099	6517	5011	3619	2421	1541	1004	685	491	381
5°	10077	8534	6916	5351	3890	2610	1654	1063	719	513	394
2.5°	10431	8856	7185	5575	4072	2741	1739	1113	747	535	405
0°	10622	8971	7416	5716	4191	2834	1796	1152	766	552	414
-2.5°	10653	9023	7389	5665	4186	2800	1783	1145	769	558	420
-5°	10370	8815	7179	5520	4047	2722	1747	1121	763	557	423
-7.5°	10062	8476	6839	5243	3810	2585	1677	1083	750	551	421
-10°	9593	8025	6465	4893	3506	2386	1557	1025	725	538	416
-12.5°	8918	7434	5977	4396	3136	2117	1395	951	688	517	407
-15°	8086	6715	5281	3904	2751	1836	1227	859	639	490	394
-17.5°	7222	5884	4523	3315	2305	1589	1107	793	595	465	378
-20°	6265	4983	3793	2729	1881	1314	956	713	554	443	366

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REPORT NUMBER: P626906 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-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°	5167	4119	3069	2114	1535	1125	835	636	507	416	352
-25°	4131	3248	2342	1720	1249	929	726	580	472	392	336
-27.5°	3125	2351	1822	1350	1015	802	640	520	434	372	323
-30°	2239	1773	1380	1059	850	683	562	475	406	352	309
-32.5°	1604	1323	1042	862	707	592	505	433	379	335	298
-35°	1179	994	830	707	603	525	455	403	357	317	287
-37.5°	900	774	683	595	529	469	420	377	335	303	275
-40°	718	637	575	515	471	430	392	353	321	290	264
-42.5°	602	547	498	462	428	399	368	337	307	278	252
-45°	524	485	449	422	395	372	349	321	293	266	240
-47.5°	465	440	414	390	370	349	328	304	277	252	230
-50°	426	406	386	365	348	329	308	285	261	240	218
-52.5°	395	379	362	345	329	310	289	268	248	226	204
-55°	370	356	341	327	312	294	274	254	232	211	190
-57.5°	349	335	323	309	296	278	258	237	217	196	175
-60°	329	316	302	289	276	260	239	220	201	182	162
-62.5°	300	286	275	263	250	236	217	199	182	166	147
-65°	269	256	245	233	221	207	191	176	162	147	130
-67.5°	238	226	214	203	192	180	168	155	141	127	111
-70°	208	198	188	178	167	156	145	132	119	106	94
-72.5°	178	169	160	151	142	132	122	111	100	89	78
-75°	147	140	133	126	118	110	101	91	82	73	65
-77.5°	118	112	107	100	93	87	79	72	65	58	51
-80°	89	85	81	76	71	66	61	55	49	43	38
-82.5°	63	60	57	54	50	47	44	39	35	31	27
-85°	39	37	35	33	32	30	28	25	22	20	17
-87.5°	18	18	17	16	15	14	13	12	11	9	8
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626906 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-730-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	1	0	0	0	0	0
65°	1	1	0	1	1	1	1	1	1	1	0
62.5°	1	2	1	1	1	2	2	1	1	1	0
60°	2	2	2	2	2	2	2	2	2	2	1
57.5°	3	2	3	2	2	2	2	2	2	2	2
55°	6	4	3	3	3	2	2	2	2	2	2
52.5°	16	9	5	4	3	3	3	2	2	2	2
50°	27	18	10	6	5	4	3	3	2	2	2
47.5°	39	29	19	10	7	5	4	3	2	2	3
45°	54	41	28	18	10	7	5	4	3	2	3
42.5°	71	56	40	25	17	11	6	5	3	3	3
40°	85	71	53	37	24	16	10	5	4	3	3
37.5°	99	86	68	49	32	22	14	6	5	4	3
35°	114	99	83	62	43	28	19	9	7	5	3
32.5°	128	112	95	74	53	34	24	14	8	5	4
30°	147	124	106	87	64	43	30	18	10	6	4
27.5°	165	135	116	97	74	52	35	23	12	8	5
25°	183	150	126	106	84	61	41	27	16	9	5
22.5°	201	166	135	115	94	70	48	31	19	11	6
20°	220	181	145	125	102	78	56	36	22	13	7
17.5°	241	197	160	135	111	86	63	41	25	15	8
15°	262	214	175	145	119	93	69	46	27	17	9
12.5°	280	229	187	155	127	99	75	51	29	19	10
10°	296	242	199	165	134	104	80	56	33	21	12
7.5°	309	253	209	174	141	110	85	60	37	22	14
5°	321	263	216	181	147	117	88	63	41	23	15
2.5°	329	270	221	186	152	123	92	65	45	24	17
0°	336	276	225	191	156	129	94	67	48	25	18
-2.5°	339	280	232	194	162	132	98	70	50	29	19
-5°	340	282	237	197	166	134	100	73	52	32	20
-7.5°	340	284	240	199	170	135	102	76	54	34	20
-10°	338	283	240	202	171	136	104	78	55	36	20
-12.5°	334	282	240	203	171	138	106	79	56	38	21
-15°	327	279	239	203	171	139	108	80	57	39	21
-17.5°	317	274	237	201	170	139	108	80	57	38	22
-20°	310	270	234	198	169	138	108	79	57	38	22

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REPORT NUMBER: P626906 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-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°	303	265	230	195	168	137	107	77	56	37	23
-25°	293	259	225	193	166	136	105	74	55	37	23
-27.5°	284	252	219	190	162	133	101	72	53	36	23
-30°	276	245	214	186	158	129	96	70	52	35	23
-32.5°	267	238	209	181	153	125	91	68	50	35	22
-35°	258	230	202	174	148	119	88	64	49	34	22
-37.5°	248	221	194	167	142	113	86	63	47	32	21
-40°	238	212	185	161	136	108	83	62	45	30	20
-42.5°	227	203	178	155	130	104	79	60	43	29	19
-45°	217	193	170	147	124	99	76	57	40	28	19
-47.5°	207	184	160	138	117	93	72	54	37	26	18
-50°	195	172	149	129	109	87	67	50	36	25	17
-52.5°	181	157	138	120	100	79	61	45	34	24	16
-55°	166	146	129	110	91	72	56	43	32	23	15
-57.5°	155	136	119	100	82	65	51	39	30	21	15
-60°	143	125	108	90	73	58	47	36	27	20	14
-62.5°	130	113	95	78	64	52	42	33	25	18	13
-65°	114	97	81	68	56	46	38	30	23	17	12
-67.5°	96	83	70	58	49	41	34	27	20	15	11
-70°	81	69	58	50	42	35	29	23	17	13	10
-72.5°	68	59	50	42	36	30	24	19	15	11	8
-75°	56	48	41	35	29	24	20	16	12	9	7
-77.5°	44	38	32	28	23	19	16	12	10	8	6
-80°	34	29	25	21	18	15	12	10	8	7	6
-82.5°	24	21	18	16	13	11	10	8	7	6	5
-85°	15	14	12	11	9	8	7	6	5	4	3
-87.5°	7	7	6	5	5	4	3	3	2	2	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: P626906 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-730-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	0	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	0	1	1	0	0	0	0
62.5°	0	1	1	1	0	0	0
60°	0	1	1	1	0	0	0
57.5°	1	1	2	1	0	0	0
55°	1	1	2	1	0	0	0
52.5°	2	1	2	2	0	0	0
50°	2	1	2	2	1	0	0
47.5°	2	2	2	2	1	0	0
45°	3	2	2	2	1	0	0
42.5°	3	2	2	2	1	0	0
40°	3	2	2	2	1	0	0
37.5°	3	2	2	2	1	0	0
35°	4	2	2	2	1	0	0
32.5°	4	3	2	2	2	0	0
30°	4	3	2	2	2	0	0
27.5°	4	3	2	2	2	0	0
25°	4	3	2	2	2	0	0
22.5°	4	4	2	2	2	0	0
20°	5	4	2	2	2	0	0
17.5°	5	4	2	2	2	0	0
15°	5	4	2	2	2	0	0
12.5°	5	4	2	2	2	0	0
10°	6	4	2	2	2	0	0
7.5°	6	5	2	2	2	0	0
5°	6	5	2	2	2	0	0
2.5°	7	5	2	2	2	0	0
0°	7	5	2	2	2	0	0
-2.5°	8	5	3	2	2	0	0
-5°	9	5	3	2	2	0	0
-7.5°	10	5	3	2	2	0	0
-10°	11	5	3	2	2	0	0
-12.5°	12	6	3	2	2	0	0
-15°	13	6	3	2	2	0	0
-17.5°	13	6	3	2	2	0	0
-20°	13	6	4	2	2	0	0

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CATALOG NUMBER: GFLD-SA2C-730-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)