

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: P627924 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627924 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6D-730-U-MR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (96) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

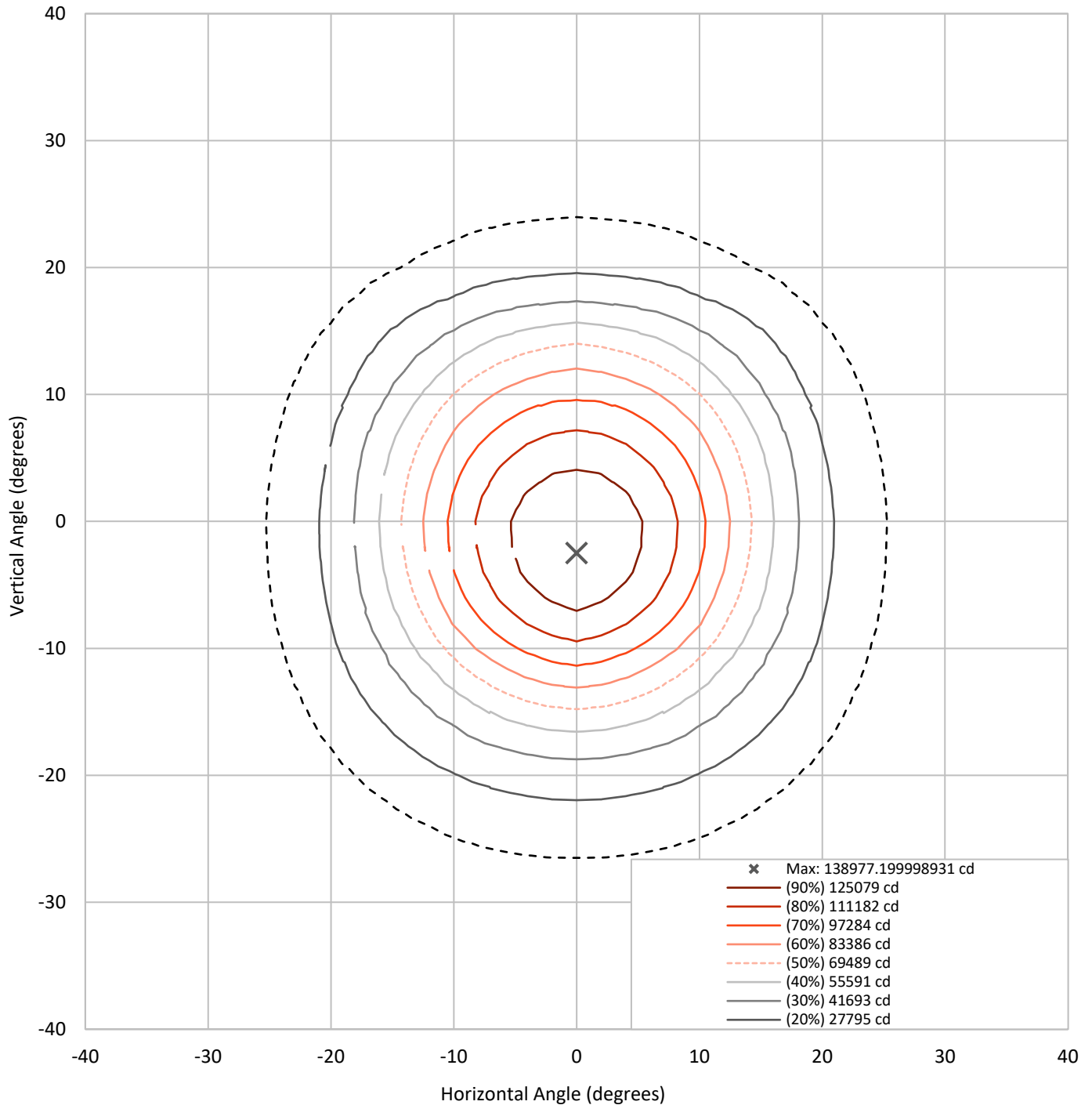
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	39417 lumens	Max Intensity:	138977.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	120.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	19708.9 lumens	Field Lumens:	33866.5 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	325.9		
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-SA6D-730-U-MR-VSR-XX

### Iso-Candela Plot





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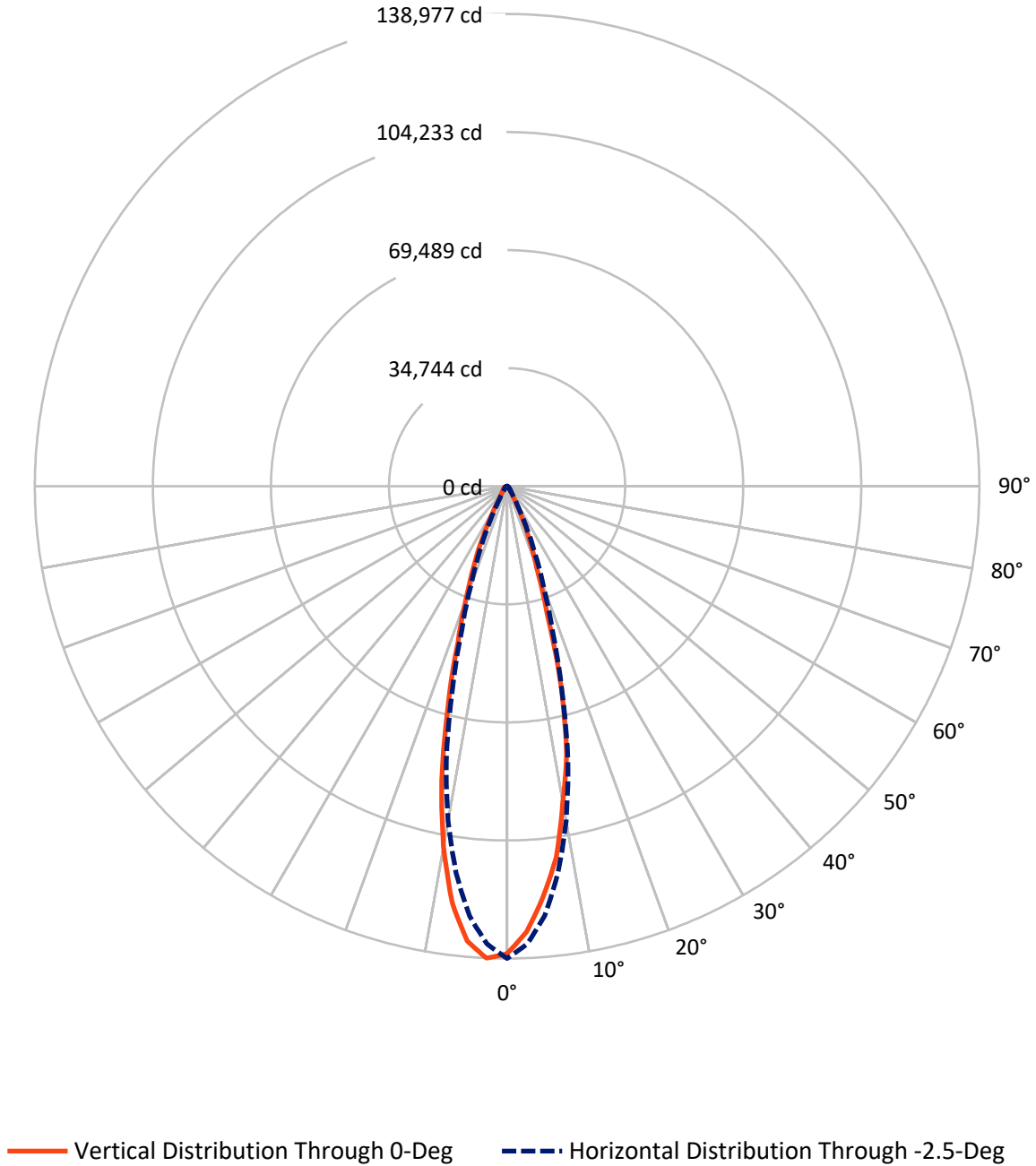
CATALOG NUMBER: GFLD-SA6D-730-U-MR-VSR-XX

### 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	0.1	0.2	0.3	0.2	0.2	0.3	0.2	0.1	0.0	0.0	0.0	0.0			
50		0.1	0.2	1.1	2.7	4.5	6.2	7.4	7.4	6.2	4.5	2.7	1.1	0.2	0.1				
40	0.1	0.2	1.3	4.3	8.3	12.8	17.9	21.0	21.0	17.9	12.8	8.3	4.3	1.3	0.2	0.1			
30		0.6	3.3	8.4	15.5	25.5	42.5	56.7	56.7	42.5	25.5	15.5	8.4	3.3	0.6				
20	0.3	1.2	5.3	12.9	24.5	59.5	187.1	343.1	343.1	187.1	59.5	24.5	12.9	5.3	1.2	0.3			
10		1.9	7.3	17.5	41.9	205.3	834.7	1634.5	1634.5	834.7	205.3	41.9	17.5	7.3	1.9				
0	0.6	2.5	8.9	20.9	60.2	391.3	1685.5	3303.7	3303.7	1685.5	391.3	60.2	20.9	8.9	2.5	0.6			
-10		2.9	9.7	22.0	64.3	409.9	1729.5	3503.1	3503.1	1729.5	409.9	64.3	22.0	9.7	2.9				
-20	0.7	3.0	9.9	21.5	52.9	251.7	956.4	1853.8	1853.8	956.4	251.7	52.9	21.5	9.9	3.0	0.7			
-30		2.9	9.4	19.6	38.7	97.7	296.2	528.4	528.4	296.2	97.7	38.7	19.6	9.4	2.9				
-40	0.7	2.6	8.4	17.0	29.4	48.2	78.7	105.4	105.4	78.7	48.2	29.4	17.0	8.4	2.6	0.7			
-50		2.2	6.9	14.1	23.2	33.2	43.8	49.1	49.1	43.8	33.2	23.2	14.1	6.9	2.2				
-60	0.5	1.6	5.2	11.0	18.1	25.3	31.6	34.4	34.4	31.6	25.3	18.1	11.0	5.2	1.6	0.5			
-70		1.0	3.3	7.2	12.1	17.2	21.5	23.8	23.8	21.5	17.2	12.1	7.2	3.3	1.0				
-80	0.1	2.6	11.7	25.1	31.8	25.1	11.7	2.6	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

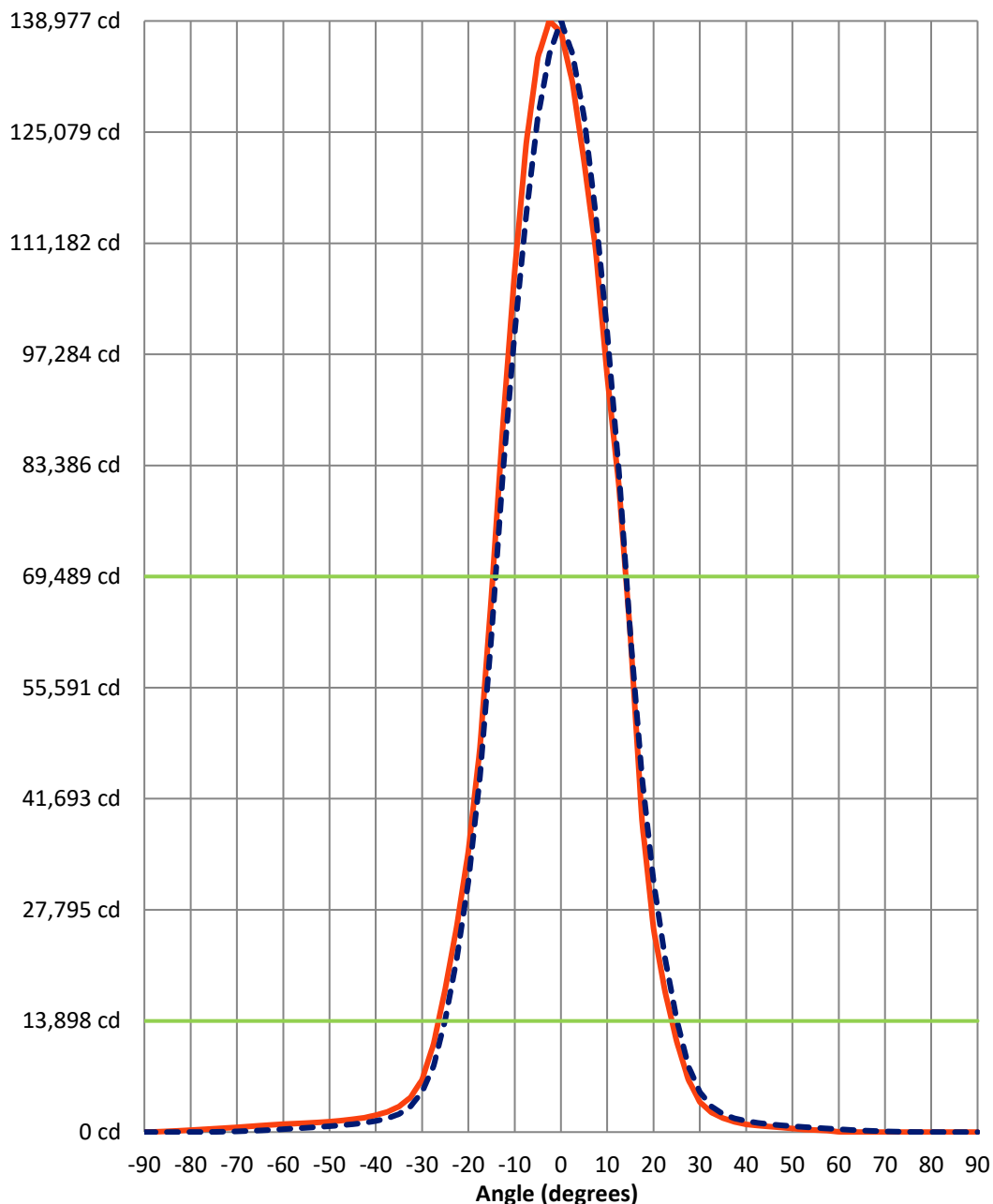
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 19708.9  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 33866.5  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 5550.5  
 Efficiency: 14.1%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through -2.5-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	0	0	0	0	0	0	2	2
57.5°	0	0	0	0	0	0	0	0	2	4	3
55°	0	0	0	0	0	0	1	0	4	6	4
52.5°	0	0	0	0	0	0	2	3	6	6	4
50°	0	0	0	0	0	1	2	5	8	7	6
47.5°	0	0	0	0	0	2	4	7	9	7	8
45°	0	0	0	0	0	3	5	8	9	8	9
42.5°	0	0	0	0	0	4	6	9	9	9	14
40°	0	0	0	0	0	5	7	9	9	9	21
37.5°	0	0	0	0	1	6	8	9	11	13	29
35°	0	0	0	0	2	7	8	9	13	21	38
32.5°	0	0	0	0	3	8	9	9	16	29	48
30°	0	0	0	0	4	8	9	9	20	37	58
27.5°	0	0	0	0	5	8	9	12	25	44	70
25°	0	0	0	0	5	9	9	15	31	53	82
22.5°	0	0	0	0	6	9	9	18	37	63	98
20°	0	0	0	0	7	9	9	22	43	72	113
17.5°	0	0	0	0	7	9	9	26	48	82	126
15°	0	0	0	0	8	9	10	30	53	92	138
12.5°	0	0	0	0	8	9	11	34	58	101	150
10°	0	0	0	0	8	9	12	38	63	111	160
7.5°	0	0	0	0	8	9	14	42	67	119	169
5°	0	0	0	0	9	9	15	46	72	127	178
2.5°	0	0	0	0	9	9	16	50	75	134	186
0°	0	0	0	0	9	9	17	52	79	140	192
-2.5°	0	0	0	1	9	10	21	54	86	145	198
-5°	0	0	0	1	9	11	24	54	93	149	203
-7.5°	0	0	0	2	9	12	27	55	99	152	206
-10°	0	0	0	2	8	12	30	55	104	155	208
-12.5°	0	0	0	3	8	13	32	56	107	157	213
-15°	0	0	0	3	8	14	34	56	107	159	217
-17.5°	0	0	0	3	8	14	35	58	106	160	219
-20°	0	0	0	4	8	14	35	61	105	160	219

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CATALOG NUMBER: GFLD-SA6D-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	4	8	14	36	63	102	158	216
-25°	0	0	0	4	8	15	36	65	100	155	210
-27.5°	0	0	0	4	9	16	36	65	96	150	205
-30°	0	0	0	4	9	17	36	66	96	145	199
-32.5°	0	0	0	4	10	18	35	65	95	140	191
-35°	0	0	0	3	11	18	36	64	94	134	181
-37.5°	0	0	0	3	11	18	36	62	92	129	176
-40°	0	0	0	3	12	19	35	60	89	124	172
-42.5°	0	0	0	2	11	19	34	58	86	121	166
-45°	0	0	0	2	11	19	33	55	83	115	158
-47.5°	0	0	0	1	10	19	31	53	79	108	150
-50°	0	0	0	1	10	19	30	50	75	103	139
-52.5°	0	0	0	2	9	18	29	46	70	96	127
-55°	0	0	0	2	8	17	27	42	64	89	118
-57.5°	0	0	0	2	7	16	25	39	58	81	108
-60°	0	0	0	2	6	15	23	35	51	73	97
-62.5°	0	0	0	2	6	13	21	31	47	64	86
-65°	0	0	0	2	6	12	20	28	41	57	75
-67.5°	0	0	0	2	6	11	18	26	36	50	66
-70°	0	0	0	2	5	10	16	23	32	43	57
-72.5°	0	0	0	2	5	9	15	20	27	36	48
-75°	0	0	0	2	4	8	13	17	22	29	38
-77.5°	0	0	0	1	4	7	11	14	18	22	28
-80°	0	0	0	1	3	6	9	11	13	17	21
-82.5°	0	0	0	1	2	4	7	8	9	11	13
-85°	0	0	0	1	2	3	5	5	6	7	7
-87.5°	0	0	0	0	1	1	2	3	3	3	4
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P627924 (CONVERTED FROM TYPE C PHOTOMETRY)

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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°	0	0	0	0	0	0	1	2	1	2	3
60°	1	0	1	2	2	4	5	7	8	8	18
57.5°	1	2	4	5	6	10	14	16	28	40	48
55°	3	6	7	7	13	21	28	44	59	77	92
52.5°	6	9	8	14	26	38	56	77	100	117	132
50°	8	10	12	28	44	64	91	119	139	156	181
47.5°	12	13	27	45	67	97	133	157	176	208	244
45°	17	25	43	66	96	138	169	192	226	263	300
42.5°	23	39	62	87	134	174	204	237	274	315	356
40°	34	52	84	123	171	209	247	284	322	370	413
37.5°	45	72	107	157	205	248	291	333	380	431	480
35°	55	93	136	187	237	289	335	384	442	498	555
32.5°	70	113	162	216	270	327	379	443	503	564	633
30°	90	135	186	245	301	362	429	499	558	627	702
27.5°	109	155	211	272	331	396	477	547	612	686	768
25°	128	177	235	296	361	436	522	594	662	745	842
22.5°	145	198	262	318	390	476	565	645	723	804	917
20°	163	220	287	349	419	515	607	697	788	891	1017
17.5°	179	242	311	380	458	553	651	750	852	978	1135
15°	195	261	335	410	493	591	693	803	922	1068	1247
12.5°	209	279	358	437	525	625	731	845	982	1158	1381
10°	223	295	380	462	552	656	764	883	1030	1220	1481
7.5°	235	311	401	485	576	682	792	915	1071	1271	1561
5°	246	326	416	501	595	703	815	942	1102	1312	1625
2.5°	255	339	428	514	610	717	830	960	1124	1351	1674
0°	262	350	437	525	621	726	840	971	1138	1383	1706
-2.5°	271	362	447	536	633	735	850	982	1153	1392	1714
-5°	277	371	455	544	642	741	855	986	1160	1393	1718
-7.5°	282	377	461	550	648	747	859	991	1164	1391	1717
-10°	285	381	465	555	653	751	860	989	1158	1376	1688
-12.5°	290	382	468	557	655	753	856	980	1142	1349	1634
-15°	294	382	468	556	654	751	850	965	1116	1315	1563
-17.5°	295	381	466	552	649	747	840	950	1092	1278	1514
-20°	295	379	461	544	641	739	831	939	1069	1234	1447

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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°	293	376	455	536	629	725	819	920	1041	1180	1371
-25°	288	372	449	528	616	707	802	895	1011	1144	1306
-27.5°	281	365	441	519	601	688	780	873	977	1099	1239
-30°	270	354	430	507	587	670	754	846	941	1054	1182
-32.5°	257	341	417	492	572	651	727	816	908	1005	1120
-35°	247	326	401	474	554	630	702	780	870	962	1058
-37.5°	239	310	385	454	530	605	674	747	827	916	1005
-40°	229	293	367	435	503	578	647	712	784	871	955
-42.5°	219	281	348	415	480	547	618	680	748	827	907
-45°	210	268	329	394	458	519	584	650	717	786	862
-47.5°	198	254	313	370	433	495	552	615	684	749	816
-50°	185	238	292	346	405	467	526	581	642	708	773
-52.5°	171	221	270	320	375	434	494	550	603	660	722
-55°	154	200	248	294	343	397	455	512	567	619	672
-57.5°	139	178	223	269	313	359	414	468	522	574	628
-60°	125	157	196	240	284	327	373	424	475	524	573
-62.5°	110	139	172	209	251	294	336	380	426	469	511
-65°	97	120	149	181	215	253	293	335	377	411	445
-67.5°	83	104	126	152	183	214	246	283	321	353	383
-70°	72	86	105	127	151	177	205	234	263	292	321
-72.5°	60	73	86	101	122	145	168	191	215	240	265
-75°	49	59	70	83	98	116	135	156	176	195	215
-77.5°	37	47	56	65	76	90	105	121	137	154	170
-80°	27	34	42	51	58	67	77	87	99	112	125
-82.5°	18	24	30	36	41	46	51	57	66	75	84
-85°	10	13	17	21	24	26	29	32	37	43	48
-87.5°	5	7	8	10	11	11	12	12	15	17	19
-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	2	2	2	1	0	0
62.5°	3	4	7	9	10	11	11	12	12	12	12
60°	22	22	33	40	39	30	43	49	47	41	40
57.5°	61	76	88	92	103	122	128	125	127	133	149
55°	107	119	128	146	164	180	193	202	213	224	237
52.5°	146	167	181	199	223	236	243	267	289	305	315
50°	208	229	252	276	299	320	337	362	391	421	439
47.5°	273	300	330	365	391	411	433	467	506	542	564
45°	334	365	402	436	465	493	527	568	608	644	671
42.5°	388	424	462	501	527	571	619	660	710	756	790
40°	451	485	543	583	617	663	733	795	853	909	944
37.5°	527	585	646	695	741	799	895	990	1064	1139	1192
35°	616	686	763	816	886	994	1113	1243	1374	1478	1572
32.5°	702	779	857	943	1049	1201	1351	1560	1753	1951	2137
30°	779	865	960	1070	1242	1454	1699	2017	2364	2709	3103
27.5°	860	955	1069	1243	1503	1792	2244	2746	3462	4039	4968
25°	948	1056	1209	1489	1848	2356	3144	4040	5522	6788	8215
22.5°	1055	1220	1438	1788	2388	3302	4528	6481	8756	10870	12885
20°	1187	1411	1783	2340	3201	4608	6931	9893	13057	16150	19140
17.5°	1361	1716	2248	3041	4261	7218	10676	14908	20326	24396	28255
15°	1520	1968	2774	4057	6354	10160	14991	21473	28767	34900	41838
12.5°	1707	2250	3220	4884	8168	13198	19357	27087	35720	45030	55897
10°	1871	2538	3787	6077	10060	15914	22816	31890	42978	56151	69886
7.5°	1998	2779	4259	6971	11653	18142	26376	37411	51454	66851	82514
5°	2095	2965	4631	7672	13009	19951	28974	41779	57786	75458	91034
2.5°	2172	3096	4877	8103	13925	21187	30750	44101	61661	81078	97432
0°	2231	3176	5014	8409	14351	21771	31572	45039	63477	83831	100650
-2.5°	2252	3218	5021	8303	14092	21736	31380	44464	62224	82738	99967
-5°	2260	3197	4894	8083	13633	20956	30124	42280	58399	77640	95100
-7.5°	2243	3111	4637	7541	12602	19580	28369	39039	52252	69216	87262
-10°	2182	2962	4290	6806	11182	17432	25637	34653	45208	59057	73681
-12.5°	2073	2739	3810	5706	9512	15001	22267	30237	38463	47564	59593
-15°	1942	2510	3418	5039	7964	12447	18332	25063	31890	38859	46197
-17.5°	1843	2312	3017	4148	6115	9740	14445	19854	25393	30928	35869
-20°	1717	2075	2625	3505	4933	7079	10617	14826	18965	23478	27266

Classified

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

Scaled Data Report



REPORT NUMBER: P627924 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1605	1909	2321	2875	3836	5346	7363	10326	13471	16749	19858
-25°	1499	1728	2055	2500	3074	3972	5305	6854	9061	11077	13386
-27.5°	1409	1601	1824	2153	2587	3079	3897	4801	5959	6920	8461
-30°	1322	1476	1660	1871	2190	2565	3004	3552	4118	4686	5424
-32.5°	1242	1371	1514	1685	1882	2163	2436	2788	3098	3439	3791
-35°	1162	1277	1395	1531	1683	1867	2072	2305	2511	2717	2901
-37.5°	1094	1190	1294	1400	1522	1651	1812	1976	2114	2248	2362
-40°	1037	1116	1202	1291	1389	1493	1618	1739	1832	1919	1992
-42.5°	984	1055	1122	1198	1278	1374	1471	1564	1628	1688	1735
-45°	934	995	1057	1119	1185	1268	1351	1424	1474	1519	1554
-47.5°	880	936	992	1048	1113	1179	1245	1299	1344	1383	1409
-50°	829	883	933	980	1037	1096	1154	1200	1239	1273	1291
-52.5°	778	830	880	929	975	1021	1067	1110	1150	1185	1198
-55°	728	779	825	870	915	959	1000	1037	1073	1107	1117
-57.5°	679	731	780	816	854	894	933	970	1005	1035	1046
-60°	624	676	718	754	791	828	862	896	930	959	973
-62.5°	558	606	644	678	712	745	776	807	837	861	875
-65°	480	521	559	593	623	652	681	709	734	753	765
-67.5°	413	442	474	505	536	565	591	615	638	654	664
-70°	348	375	403	431	459	484	507	528	549	563	574
-72.5°	289	313	338	363	388	409	428	447	466	478	488
-75°	235	255	276	298	319	336	352	368	383	393	402
-77.5°	187	202	217	233	249	264	277	289	300	309	317
-80°	138	151	163	175	186	196	205	215	225	233	240
-82.5°	93	103	112	122	131	137	142	147	151	157	163
-85°	54	60	66	72	78	81	85	89	92	96	99
-87.5°	22	24	27	29	32	32	33	33	34	36	39
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627924 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	1	2
62.5°	11	9	9	9	9	9	11	12	12	12	12
60°	38	35	35	35	35	35	38	40	41	47	49
57.5°	163	175	182	184	182	175	163	149	133	127	125
55°	248	257	258	254	258	257	248	237	224	213	202
52.5°	321	322	320	315	320	322	321	315	305	289	267
50°	445	444	444	446	444	444	445	439	421	391	362
47.5°	573	579	581	578	581	579	573	564	542	506	467
45°	684	692	695	691	695	692	684	671	644	608	568
42.5°	803	809	811	814	811	809	803	790	756	710	660
40°	961	967	965	963	965	967	961	944	909	853	795
37.5°	1228	1246	1255	1278	1255	1246	1228	1192	1139	1064	990
35°	1644	1689	1713	1750	1713	1689	1644	1572	1478	1374	1243
32.5°	2270	2362	2410	2459	2410	2362	2270	2137	1951	1753	1560
30°	3375	3555	3629	3763	3629	3555	3375	3103	2709	2364	2017
27.5°	5649	6077	6246	6598	6246	6077	5649	4968	4039	3462	2746
25°	9516	10438	10947	11350	10947	10438	9516	8215	6788	5522	4040
22.5°	14919	16271	16994	17528	16994	16271	14919	12885	10870	8756	6481
20°	21851	23636	24700	25473	24700	23636	21851	19140	16150	13057	9893
17.5°	33209	36014	37654	39063	37654	36014	33209	28255	24396	20326	14908
15°	49578	55214	59594	62033	59594	55214	49578	41838	34900	28767	21473
12.5°	65503	73757	78661	80917	78661	73757	65503	55897	45030	35720	27087
10°	81251	89034	93700	94524	93700	89034	81251	69886	56151	42978	31890
7.5°	93307	101867	108067	110319	108067	101867	93307	82514	66851	51454	37411
5°	103956	113978	120539	121371	120539	113978	103956	91034	75458	57786	41779
2.5°	111789	122684	129046	131233	129046	122684	111789	97432	81078	61661	44101
0°	115578	127313	134392	137577	134392	127313	115578	100650	83831	63477	45039
-2.5°	114781	126918	134820	138977	134820	126918	114781	99967	82738	62224	44464
-5°	110417	122589	129957	134374	129957	122589	110417	95100	77640	58399	42280
-7.5°	100352	111736	119579	123655	119579	111736	100352	87262	69216	52252	39039
-10°	87384	97018	104167	107641	104167	97018	87384	73681	59057	45208	34653
-12.5°	70532	79877	86327	88784	86327	79877	70532	59593	47564	38463	30237
-15°	54040	61172	65754	67205	65754	61172	54040	46197	38859	31890	25063
-17.5°	40982	44822	47399	48093	47399	44822	40982	35869	30928	25393	19854
-20°	30703	33083	34755	35151	34755	33083	30703	27266	23478	18965	14826

Classified

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

Scaled Data Report



REPORT NUMBER: P627924 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	22371	24160	25510	25779	25510	24160	22371	19858	16749	13471	10326
-25°	15431	16927	17843	17913	17843	16927	15431	13386	11077	9061	6854
-27.5°	9674	10496	10920	11070	10920	10496	9674	8461	6920	5959	4801
-30°	5978	6357	6556	6563	6556	6357	5978	5424	4686	4118	3552
-32.5°	4058	4241	4341	4340	4341	4241	4058	3791	3439	3098	2788
-35°	3040	3135	3188	3194	3188	3135	3040	2901	2717	2511	2305
-37.5°	2445	2497	2524	2529	2524	2497	2445	2362	2248	2114	1976
-40°	2044	2080	2103	2118	2103	2080	2044	1992	1919	1832	1739
-42.5°	1768	1792	1802	1794	1802	1792	1768	1735	1688	1628	1564
-45°	1575	1589	1598	1601	1598	1589	1575	1554	1519	1474	1424
-47.5°	1421	1428	1433	1435	1433	1428	1421	1409	1383	1344	1299
-50°	1300	1306	1308	1304	1308	1306	1300	1291	1273	1239	1200
-52.5°	1203	1205	1206	1208	1206	1205	1203	1198	1185	1150	1110
-55°	1123	1126	1128	1129	1128	1126	1123	1117	1107	1073	1037
-57.5°	1055	1063	1063	1059	1063	1063	1055	1046	1035	1005	970
-60°	984	992	996	998	996	992	984	973	959	930	896
-62.5°	887	896	900	901	900	896	887	875	861	837	807
-65°	775	783	794	805	794	783	775	765	753	734	709
-67.5°	672	679	690	700	690	679	672	664	654	638	615
-70°	584	592	594	595	594	592	584	574	563	549	528
-72.5°	497	505	507	508	507	505	497	488	478	466	447
-75°	411	418	419	420	419	418	411	402	393	383	368
-77.5°	324	331	332	333	332	331	324	317	309	300	289
-80°	247	252	249	245	249	252	247	240	233	225	215
-82.5°	169	174	170	166	170	174	169	163	157	151	147
-85°	102	105	101	96	101	105	102	99	96	92	89
-87.5°	41	44	39	35	39	44	41	39	36	34	33
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627924 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	2	2	0	0	0	0	0	0	0	0	0
62.5°	11	11	10	9	7	4	3	3	2	1	2
60°	43	30	39	40	33	22	22	18	8	8	7
57.5°	128	122	103	92	88	76	61	48	40	28	16
55°	193	180	164	146	128	119	107	92	77	59	44
52.5°	243	236	223	199	181	167	146	132	117	100	77
50°	337	320	299	276	252	229	208	181	156	139	119
47.5°	433	411	391	365	330	300	273	244	208	176	157
45°	527	493	465	436	402	365	334	300	263	226	192
42.5°	619	571	527	501	462	424	388	356	315	274	237
40°	733	663	617	583	543	485	451	413	370	322	284
37.5°	895	799	741	695	646	585	527	480	431	380	333
35°	1113	994	886	816	763	686	616	555	498	442	384
32.5°	1351	1201	1049	943	857	779	702	633	564	503	443
30°	1699	1454	1242	1070	960	865	779	702	627	558	499
27.5°	2244	1792	1503	1243	1069	955	860	768	686	612	547
25°	3144	2356	1848	1489	1209	1056	948	842	745	662	594
22.5°	4528	3302	2388	1788	1438	1220	1055	917	804	723	645
20°	6931	4608	3201	2340	1783	1411	1187	1017	891	788	697
17.5°	10676	7218	4261	3041	2248	1716	1361	1135	978	852	750
15°	14991	10160	6354	4057	2774	1968	1520	1247	1068	922	803
12.5°	19357	13198	8168	4884	3220	2250	1707	1381	1158	982	845
10°	22816	15914	10060	6077	3787	2538	1871	1481	1220	1030	883
7.5°	26376	18142	11653	6971	4259	2779	1998	1561	1271	1071	915
5°	28974	19951	13009	7672	4631	2965	2095	1625	1312	1102	942
2.5°	30750	21187	13925	8103	4877	3096	2172	1674	1351	1124	960
0°	31572	21771	14351	8409	5014	3176	2231	1706	1383	1138	971
-2.5°	31380	21736	14092	8303	5021	3218	2252	1714	1392	1153	982
-5°	30124	20956	13633	8083	4894	3197	2260	1718	1393	1160	986
-7.5°	28369	19580	12602	7541	4637	3111	2243	1717	1391	1164	991
-10°	25637	17432	11182	6806	4290	2962	2182	1688	1376	1158	989
-12.5°	22267	15001	9512	5706	3810	2739	2073	1634	1349	1142	980
-15°	18332	12447	7964	5039	3418	2510	1942	1563	1315	1116	965
-17.5°	14445	9740	6115	4148	3017	2312	1843	1514	1278	1092	950
-20°	10617	7079	4933	3505	2625	2075	1717	1447	1234	1069	939

Classified

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

Scaled Data Report



REPORT NUMBER: P627924 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7363	5346	3836	2875	2321	1909	1605	1371	1180	1041	920
-25°	5305	3972	3074	2500	2055	1728	1499	1306	1144	1011	895
-27.5°	3897	3079	2587	2153	1824	1601	1409	1239	1099	977	873
-30°	3004	2565	2190	1871	1660	1476	1322	1182	1054	941	846
-32.5°	2436	2163	1882	1685	1514	1371	1242	1120	1005	908	816
-35°	2072	1867	1683	1531	1395	1277	1162	1058	962	870	780
-37.5°	1812	1651	1522	1400	1294	1190	1094	1005	916	827	747
-40°	1618	1493	1389	1291	1202	1116	1037	955	871	784	712
-42.5°	1471	1374	1278	1198	1122	1055	984	907	827	748	680
-45°	1351	1268	1185	1119	1057	995	934	862	786	717	650
-47.5°	1245	1179	1113	1048	992	936	880	816	749	684	615
-50°	1154	1096	1037	980	933	883	829	773	708	642	581
-52.5°	1067	1021	975	929	880	830	778	722	660	603	550
-55°	1000	959	915	870	825	779	728	672	619	567	512
-57.5°	933	894	854	816	780	731	679	628	574	522	468
-60°	862	828	791	754	718	676	624	573	524	475	424
-62.5°	776	745	712	678	644	606	558	511	469	426	380
-65°	681	652	623	593	559	521	480	445	411	377	335
-67.5°	591	565	536	505	474	442	413	383	353	321	283
-70°	507	484	459	431	403	375	348	321	292	263	234
-72.5°	428	409	388	363	338	313	289	265	240	215	191
-75°	352	336	319	298	276	255	235	215	195	176	156
-77.5°	277	264	249	233	217	202	187	170	154	137	121
-80°	205	196	186	175	163	151	138	125	112	99	87
-82.5°	142	137	131	122	112	103	93	84	75	66	57
-85°	85	81	78	72	66	60	54	48	43	37	32
-87.5°	33	32	32	29	27	24	22	19	17	15	12
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P627924 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	1	0	0	0
60°	5	4	2	2	1	0	1	2	2	0	0
57.5°	14	10	6	5	4	2	1	3	4	2	0
55°	28	21	13	7	7	6	3	4	6	4	0
52.5°	56	38	26	14	8	9	6	4	6	6	3
50°	91	64	44	28	12	10	8	6	7	8	5
47.5°	133	97	67	45	27	13	12	8	7	9	7
45°	169	138	96	66	43	25	17	9	8	9	8
42.5°	204	174	134	87	62	39	23	14	9	9	9
40°	247	209	171	123	84	52	34	21	9	9	9
37.5°	291	248	205	157	107	72	45	29	13	11	9
35°	335	289	237	187	136	93	55	38	21	13	9
32.5°	379	327	270	216	162	113	70	48	29	16	9
30°	429	362	301	245	186	135	90	58	37	20	9
27.5°	477	396	331	272	211	155	109	70	44	25	12
25°	522	436	361	296	235	177	128	82	53	31	15
22.5°	565	476	390	318	262	198	145	98	63	37	18
20°	607	515	419	349	287	220	163	113	72	43	22
17.5°	651	553	458	380	311	242	179	126	82	48	26
15°	693	591	493	410	335	261	195	138	92	53	30
12.5°	731	625	525	437	358	279	209	150	101	58	34
10°	764	656	552	462	380	295	223	160	111	63	38
7.5°	792	682	576	485	401	311	235	169	119	67	42
5°	815	703	595	501	416	326	246	178	127	72	46
2.5°	830	717	610	514	428	339	255	186	134	75	50
0°	840	726	621	525	437	350	262	192	140	79	52
-2.5°	850	735	633	536	447	362	271	198	145	86	54
-5°	855	741	642	544	455	371	277	203	149	93	54
-7.5°	859	747	648	550	461	377	282	206	152	99	55
-10°	860	751	653	555	465	381	285	208	155	104	55
-12.5°	856	753	655	557	468	382	290	213	157	107	56
-15°	850	751	654	556	468	382	294	217	159	107	56
-17.5°	840	747	649	552	466	381	295	219	160	106	58
-20°	831	739	641	544	461	379	295	219	160	105	61

Classified

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

Scaled Data Report



REPORT NUMBER: P627924 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	819	725	629	536	455	376	293	216	158	102	63
-25°	802	707	616	528	449	372	288	210	155	100	65
-27.5°	780	688	601	519	441	365	281	205	150	96	65
-30°	754	670	587	507	430	354	270	199	145	96	66
-32.5°	727	651	572	492	417	341	257	191	140	95	65
-35°	702	630	554	474	401	326	247	181	134	94	64
-37.5°	674	605	530	454	385	310	239	176	129	92	62
-40°	647	578	503	435	367	293	229	172	124	89	60
-42.5°	618	547	480	415	348	281	219	166	121	86	58
-45°	584	519	458	394	329	268	210	158	115	83	55
-47.5°	552	495	433	370	313	254	198	150	108	79	53
-50°	526	467	405	346	292	238	185	139	103	75	50
-52.5°	494	434	375	320	270	221	171	127	96	70	46
-55°	455	397	343	294	248	200	154	118	89	64	42
-57.5°	414	359	313	269	223	178	139	108	81	58	39
-60°	373	327	284	240	196	157	125	97	73	51	35
-62.5°	336	294	251	209	172	139	110	86	64	47	31
-65°	293	253	215	181	149	120	97	75	57	41	28
-67.5°	246	214	183	152	126	104	83	66	50	36	26
-70°	205	177	151	127	105	86	72	57	43	32	23
-72.5°	168	145	122	101	86	73	60	48	36	27	20
-75°	135	116	98	83	70	59	49	38	29	22	17
-77.5°	105	90	76	65	56	47	37	28	22	18	14
-80°	77	67	58	51	42	34	27	21	17	13	11
-82.5°	51	46	41	36	30	24	18	13	11	9	8
-85°	29	26	24	21	17	13	10	7	7	6	5
-87.5°	12	11	11	10	8	7	5	4	3	3	3
-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: P627924 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	1	0	0	0	0	0	0
52.5°	2	0	0	0	0	0	0
50°	2	1	0	0	0	0	0
47.5°	4	2	0	0	0	0	0
45°	5	3	0	0	0	0	0
42.5°	6	4	0	0	0	0	0
40°	7	5	0	0	0	0	0
37.5°	8	6	1	0	0	0	0
35°	8	7	2	0	0	0	0
32.5°	9	8	3	0	0	0	0
30°	9	8	4	0	0	0	0
27.5°	9	8	5	0	0	0	0
25°	9	9	5	0	0	0	0
22.5°	9	9	6	0	0	0	0
20°	9	9	7	0	0	0	0
17.5°	9	9	7	0	0	0	0
15°	10	9	8	0	0	0	0
12.5°	11	9	8	0	0	0	0
10°	12	9	8	0	0	0	0
7.5°	14	9	8	0	0	0	0
5°	15	9	9	0	0	0	0
2.5°	16	9	9	0	0	0	0
0°	17	9	9	0	0	0	0
-2.5°	21	10	9	1	0	0	0
-5°	24	11	9	1	0	0	0
-7.5°	27	12	9	2	0	0	0
-10°	30	12	8	2	0	0	0
-12.5°	32	13	8	3	0	0	0
-15°	34	14	8	3	0	0	0
-17.5°	35	14	8	3	0	0	0
-20°	35	14	8	4	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627924 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	36	14	8	4	0	0	0
-25°	36	15	8	4	0	0	0
-27.5°	36	16	9	4	0	0	0
-30°	36	17	9	4	0	0	0
-32.5°	35	18	10	4	0	0	0
-35°	36	18	11	3	0	0	0
-37.5°	36	18	11	3	0	0	0
-40°	35	19	12	3	0	0	0
-42.5°	34	19	11	2	0	0	0
-45°	33	19	11	2	0	0	0
-47.5°	31	19	10	1	0	0	0
-50°	30	19	10	1	0	0	0
-52.5°	29	18	9	2	0	0	0
-55°	27	17	8	2	0	0	0
-57.5°	25	16	7	2	0	0	0
-60°	23	15	6	2	0	0	0
-62.5°	21	13	6	2	0	0	0
-65°	20	12	6	2	0	0	0
-67.5°	18	11	6	2	0	0	0
-70°	16	10	5	2	0	0	0
-72.5°	15	9	5	2	0	0	0
-75°	13	8	4	2	0	0	0
-77.5°	11	7	4	1	0	0	0
-80°	9	6	3	1	0	0	0
-82.5°	7	4	2	1	0	0	0
-85°	5	3	2	1	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)