

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: P627804 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627804 (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-SA6B-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  
Luminaire Lumens: 25231.2 lumens  
Efficiency: N/A  
Efficacy: 132.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 88960.6 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 12615.8 lumens  
Beam Efficiency: 50.0%

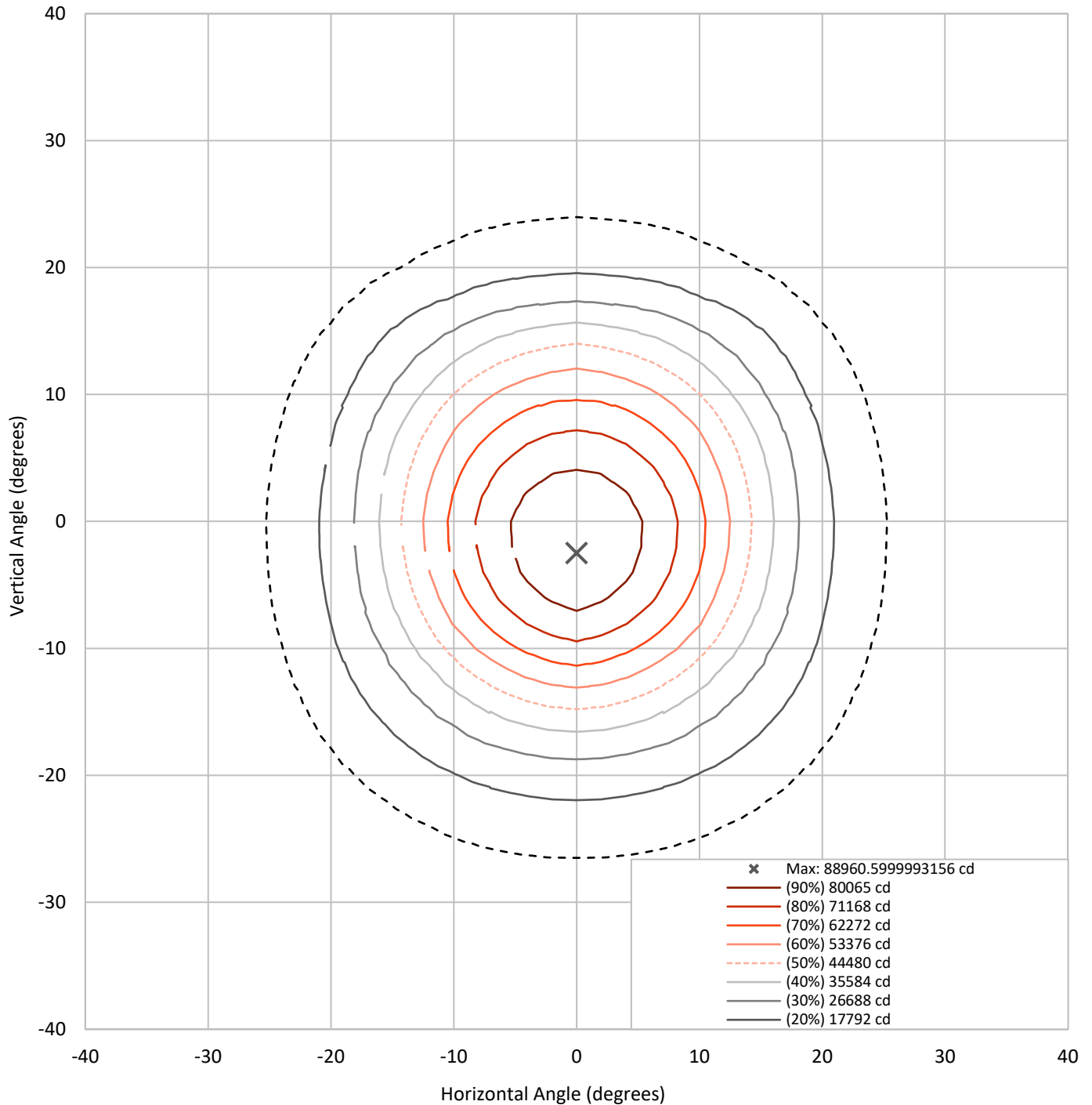
Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 21678.3 lumens  
Field Efficiency: 85.9%

Input Watts (W): 190.6  
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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### Iso-Candela Plot





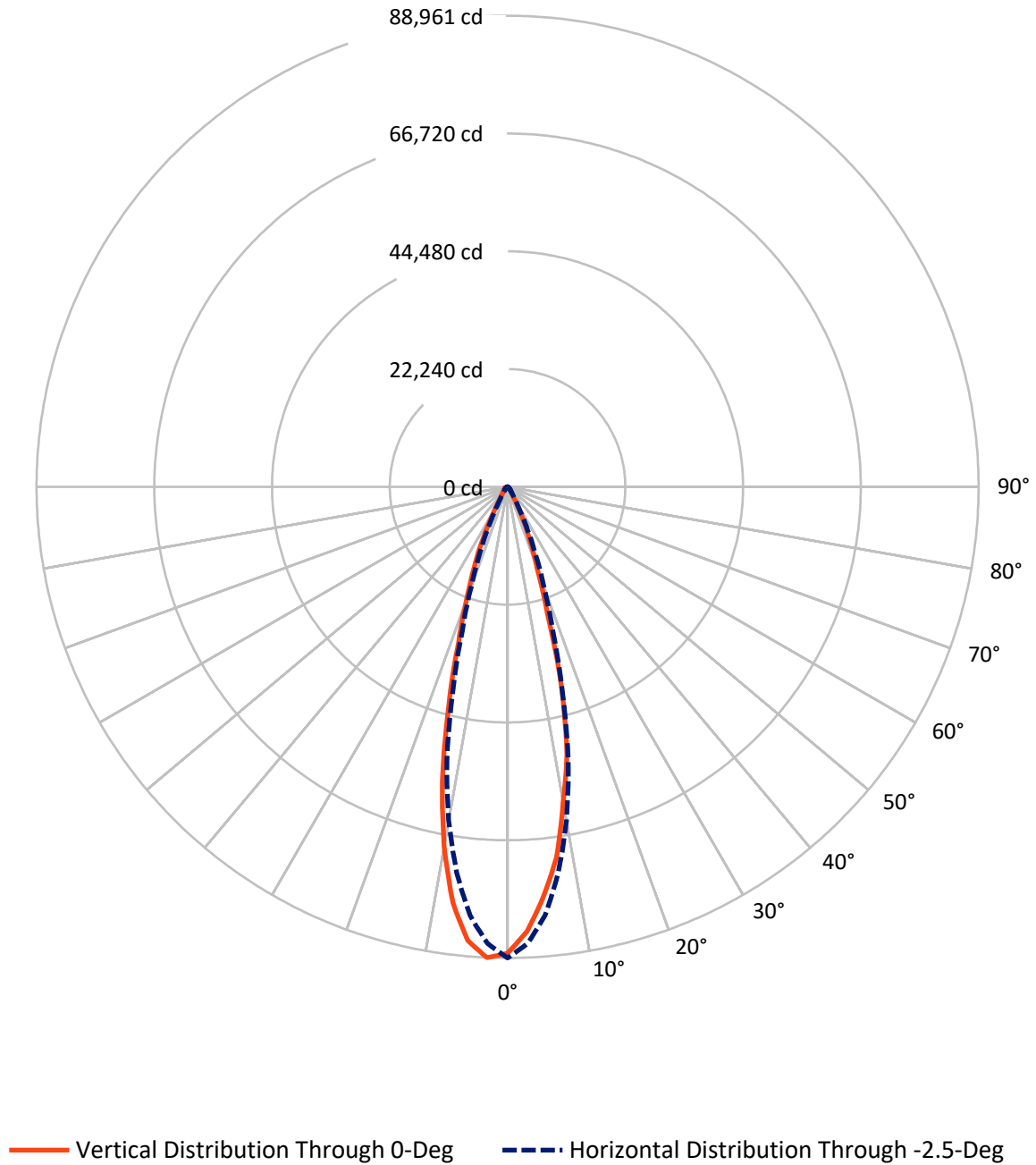
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### Lumen Table

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	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0			
50		0.0	0.1	0.7	1.7	2.9	4.0	4.8	4.8	4.0	2.9	1.7	0.7	0.1	0.0				
40	0.1	0.1	0.9	2.7	5.3	8.2	11.5	13.4	13.4	11.5	8.2	5.3	2.7	0.9	0.1	0.1			
30		0.4	2.1	5.4	9.9	16.3	27.2	36.3	36.3	27.2	16.3	9.9	5.4	2.1	0.4				
20	0.2	0.8	3.4	8.2	15.7	38.1	119.7	219.6	219.6	119.7	38.1	15.7	8.2	3.4	0.8	0.2			
10		1.2	4.7	11.2	26.8	131.4	534.3	1046.2	1046.2	534.3	131.4	26.8	11.2	4.7	1.2				
0	0.4	1.6	5.7	13.3	38.5	250.5	1078.9	2114.7	2114.7	1078.9	250.5	38.5	13.3	5.7	1.6	0.4			
-10		1.8	6.2	14.1	41.1	262.4	1107.0	2242.4	2242.4	1107.0	262.4	41.1	14.1	6.2	1.8				
-20	0.5	1.9	6.3	13.7	33.9	161.1	612.2	1186.7	1186.7	612.2	161.1	33.9	13.7	6.3	1.9	0.5			
-30		1.9	6.0	12.6	24.8	62.6	189.6	338.3	338.3	189.6	62.6	24.8	12.6	6.0	1.9				
-40	0.5	1.7	5.4	10.9	18.8	30.9	50.4	67.4	67.4	50.4	30.9	18.8	10.9	5.4	1.7	0.5			
-50		1.4	4.4	9.0	14.9	21.3	28.0	31.4	31.4	28.0	21.3	14.9	9.0	4.4	1.4				
-60	0.3	1.0	3.3	7.0	11.6	16.2	20.2	22.0	22.0	20.2	16.2	11.6	7.0	3.3	1.0	0.3			
-70		0.7	2.1	4.6	7.8	11.0	13.8	15.3	15.3	13.8	11.0	7.8	4.6	2.1	0.7				
-80	0.1	1.6	7.5	16.1	20.3	16.1	7.5	1.6	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

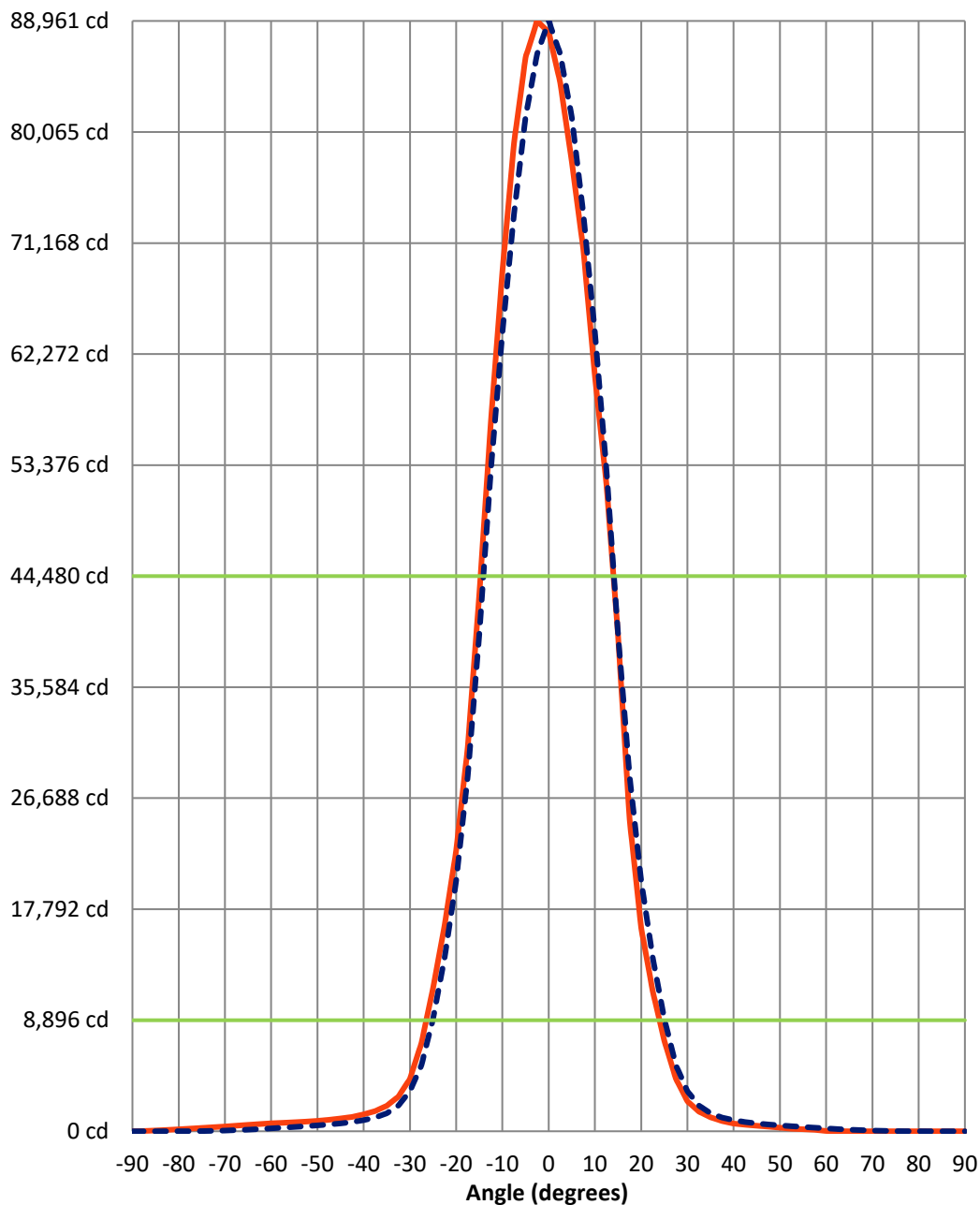
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 12615.8  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 21678.3  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 3552.9  
 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	1	1
57.5°	0	0	0	0	0	0	0	0	1	2	2
55°	0	0	0	0	0	0	1	0	2	4	2
52.5°	0	0	0	0	0	0	1	2	4	4	3
50°	0	0	0	0	0	1	2	3	5	4	4
47.5°	0	0	0	0	0	1	2	4	6	4	5
45°	0	0	0	0	0	2	3	5	6	5	6
42.5°	0	0	0	0	0	2	4	6	6	5	9
40°	0	0	0	0	0	3	4	6	6	6	13
37.5°	0	0	0	0	1	4	5	6	7	8	18
35°	0	0	0	0	1	4	5	6	8	14	24
32.5°	0	0	0	0	2	5	6	6	10	19	30
30°	0	0	0	0	3	5	6	6	13	24	37
27.5°	0	0	0	0	3	5	6	8	16	28	45
25°	0	0	0	0	3	6	6	10	20	34	52
22.5°	0	0	0	0	4	6	6	12	24	40	63
20°	0	0	0	0	4	6	6	14	27	46	72
17.5°	0	0	0	0	5	6	6	16	31	53	81
15°	0	0	0	0	5	6	7	19	34	59	89
12.5°	0	0	0	0	5	6	7	22	37	65	96
10°	0	0	0	0	5	6	8	25	40	71	102
7.5°	0	0	0	0	5	6	9	27	43	76	108
5°	0	0	0	0	6	6	10	30	46	81	114
2.5°	0	0	0	0	6	6	10	32	48	86	119
0°	0	0	0	0	6	6	11	34	50	90	123
-2.5°	0	0	0	0	6	6	13	34	55	93	127
-5°	0	0	0	1	6	7	15	35	60	95	130
-7.5°	0	0	0	1	5	7	17	35	64	97	132
-10°	0	0	0	1	5	8	19	35	66	99	133
-12.5°	0	0	0	2	5	8	20	36	68	101	136
-15°	0	0	0	2	5	9	22	36	69	102	139
-17.5°	0	0	0	2	5	9	22	37	68	103	140
-20°	0	0	0	2	5	9	23	39	67	102	140

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CATALOG NUMBER: GFLD-SA6B-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	2	5	9	23	40	66	101	138
-25°	0	0	0	3	5	10	23	41	64	99	134
-27.5°	0	0	0	3	5	10	23	42	62	96	131
-30°	0	0	0	3	6	11	23	42	61	93	127
-32.5°	0	0	0	2	6	11	23	41	61	89	122
-35°	0	0	0	2	7	11	23	41	60	86	116
-37.5°	0	0	0	2	7	11	23	40	59	82	113
-40°	0	0	0	2	7	12	23	38	57	80	110
-42.5°	0	0	0	1	7	12	22	37	55	77	106
-45°	0	0	0	1	7	12	21	35	53	74	101
-47.5°	0	0	0	1	7	12	20	34	51	69	96
-50°	0	0	0	1	6	12	19	32	48	66	89
-52.5°	0	0	0	1	6	11	18	29	45	62	82
-55°	0	0	0	1	5	11	17	27	41	57	76
-57.5°	0	0	0	1	5	10	16	25	37	52	69
-60°	0	0	0	1	4	9	14	22	33	47	62
-62.5°	0	0	0	1	4	9	14	20	30	41	55
-65°	0	0	0	1	4	8	13	18	26	37	48
-67.5°	0	0	0	1	4	7	12	16	23	32	42
-70°	0	0	0	1	3	6	10	15	20	27	37
-72.5°	0	0	0	1	3	6	9	13	17	23	31
-75°	0	0	0	1	3	5	8	11	14	19	25
-77.5°	0	0	0	1	2	4	7	9	11	14	18
-80°	0	0	0	1	2	4	6	7	9	11	13
-82.5°	0	0	0	1	1	3	4	5	6	7	9
-85°	0	0	0	0	1	2	3	3	4	4	5
-87.5°	0	0	0	0	0	1	1	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0





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CATALOG NUMBER: GFLD-SA6B-730-U-MR-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	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	1	1	1	2
60°	0	0	1	1	1	3	3	5	5	5	11
57.5°	1	1	3	3	4	6	9	10	18	26	31
55°	2	4	4	5	8	13	18	28	37	49	59
52.5°	4	6	5	9	16	24	36	49	64	75	84
50°	5	7	7	18	28	41	58	76	89	100	116
47.5°	7	9	17	29	43	62	85	100	113	133	156
45°	11	16	27	42	62	88	108	123	144	168	192
42.5°	15	25	40	56	86	111	130	152	175	202	228
40°	22	33	53	79	109	134	158	182	206	237	265
37.5°	29	46	69	100	131	158	186	213	243	276	308
35°	35	59	87	120	152	185	215	246	283	319	355
32.5°	45	73	104	138	173	209	243	283	322	361	405
30°	57	87	119	157	193	232	275	319	357	402	449
27.5°	70	99	135	174	212	253	305	350	392	439	492
25°	82	113	151	190	231	279	334	380	424	477	539
22.5°	93	126	168	204	249	305	361	413	463	515	587
20°	104	141	184	223	268	330	389	446	504	570	651
17.5°	115	155	199	243	293	354	416	480	545	626	726
15°	125	167	214	262	316	378	444	514	590	684	798
12.5°	134	179	229	280	336	400	468	541	629	741	884
10°	143	189	244	296	354	420	489	565	660	781	948
7.5°	150	199	256	311	369	437	507	586	685	814	999
5°	157	208	266	321	381	450	522	603	706	840	1040
2.5°	163	217	274	329	390	459	531	614	720	865	1072
0°	168	224	280	336	398	465	538	622	728	885	1092
-2.5°	173	231	286	343	405	471	544	628	738	891	1097
-5°	177	237	291	348	411	474	547	631	743	892	1100
-7.5°	180	241	295	352	415	478	550	634	745	890	1099
-10°	182	244	298	355	418	481	550	633	741	881	1081
-12.5°	186	245	300	357	419	482	548	628	731	864	1046
-15°	188	245	300	356	418	481	544	618	714	842	1001
-17.5°	189	244	298	353	415	478	537	608	699	818	969
-20°	189	243	295	348	410	473	532	601	685	790	926

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CATALOG NUMBER: GFLD-SA6B-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	187	241	291	343	403	464	524	589	666	756	877
-25°	185	238	288	338	394	453	513	573	647	732	836
-27.5°	180	234	283	332	385	440	499	558	626	704	793
-30°	173	227	276	325	376	429	483	542	602	675	756
-32.5°	165	218	267	315	366	417	466	522	581	643	717
-35°	158	209	257	303	355	403	450	499	557	615	677
-37.5°	153	198	246	291	339	387	431	478	529	586	643
-40°	147	188	235	278	322	370	414	456	502	557	611
-42.5°	140	180	223	266	307	350	396	435	479	530	581
-45°	134	172	211	252	293	332	374	416	459	503	551
-47.5°	127	162	200	237	277	317	353	394	438	479	522
-50°	119	153	187	222	259	299	337	372	411	453	495
-52.5°	109	141	173	205	240	278	316	352	386	422	462
-55°	98	128	159	188	220	254	291	327	363	396	430
-57.5°	89	114	143	172	200	230	265	300	334	368	402
-60°	80	101	126	154	182	209	239	271	304	335	367
-62.5°	71	89	110	134	161	188	215	243	273	300	327
-65°	62	77	95	116	138	162	188	215	241	263	285
-67.5°	53	66	81	98	117	137	157	181	205	226	245
-70°	46	55	67	81	97	113	131	150	169	187	205
-72.5°	39	47	55	64	78	93	108	122	138	154	169
-75°	31	38	45	53	63	74	86	100	112	125	137
-77.5°	24	30	36	42	49	57	67	78	88	98	109
-80°	17	22	27	32	37	43	49	56	63	71	80
-82.5°	12	15	19	23	26	29	33	37	42	48	54
-85°	6	8	11	14	15	17	19	20	24	27	31
-87.5°	3	4	5	6	7	7	8	8	9	11	12
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA6B-730-U-MR-VSR-XX

**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	1	1	1	1	0	0
62.5°	2	2	4	6	6	7	7	8	8	8	7
60°	14	14	21	26	25	19	28	32	30	26	26
57.5°	39	49	56	59	66	78	82	80	81	85	95
55°	69	76	82	93	105	115	124	129	136	143	152
52.5°	94	107	116	127	142	151	156	171	185	195	202
50°	133	147	161	177	192	205	216	232	250	270	281
47.5°	175	192	211	234	250	263	277	299	324	347	361
45°	214	234	257	279	298	316	337	364	389	412	430
42.5°	248	271	296	321	337	365	396	423	454	484	506
40°	289	311	347	373	395	425	469	509	546	582	604
37.5°	337	374	414	445	475	511	573	634	681	729	763
35°	395	439	488	522	567	636	712	795	879	946	1006
32.5°	449	499	549	603	671	769	865	999	1122	1249	1368
30°	499	554	615	685	795	931	1087	1291	1513	1734	1986
27.5°	551	612	684	796	962	1147	1436	1758	2216	2585	3180
25°	607	676	774	953	1183	1508	2013	2586	3535	4345	5259
22.5°	676	781	921	1144	1529	2114	2898	4148	5605	6958	8248
20°	760	903	1141	1498	2049	2949	4437	6333	8358	10338	12252
17.5°	871	1098	1439	1947	2728	4621	6834	9543	13011	15616	18086
15°	973	1260	1775	2597	4067	6503	9596	13745	18414	22340	26781
12.5°	1093	1440	2061	3126	5228	8448	12391	17339	22865	28824	35780
10°	1198	1625	2424	3890	6439	10187	14605	20413	27511	35943	44735
7.5°	1279	1779	2727	4462	7460	11613	16883	23947	32936	42792	52818
5°	1341	1898	2964	4911	8327	12771	18546	26743	36990	48301	58272
2.5°	1390	1982	3122	5187	8914	13562	19683	28230	39470	51899	62367
0°	1428	2033	3210	5383	9186	13936	20210	28830	40632	53661	64427
-2.5°	1441	2060	3214	5315	9020	13913	20087	28462	39830	52961	63990
-5°	1447	2046	3133	5174	8727	13414	19282	27064	37382	49698	60875
-7.5°	1436	1992	2968	4827	8067	12533	18159	24989	33447	44306	55857
-10°	1397	1896	2746	4357	7158	11158	16411	22181	28938	37803	47164
-12.5°	1327	1753	2439	3652	6089	9602	14254	19355	24620	30446	38146
-15°	1243	1607	2188	3225	5098	7968	11734	16043	20413	24874	29571
-17.5°	1180	1480	1931	2655	3914	6235	9246	12709	16254	19797	22960
-20°	1099	1328	1681	2244	3158	4531	6796	9490	12140	15029	17453

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Scaled Data Report



REPORT NUMBER: P627804 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	1027	1222	1486	1840	2455	3422	4713	6610	8623	10721	12711
-25°	959	1106	1315	1600	1968	2543	3396	4387	5800	7090	8569
-27.5°	902	1025	1167	1378	1656	1971	2495	3073	3814	4429	5416
-30°	846	945	1062	1198	1402	1642	1923	2274	2636	2999	3472
-32.5°	795	877	969	1079	1205	1385	1560	1784	1983	2201	2427
-35°	744	817	893	980	1077	1195	1327	1475	1607	1739	1857
-37.5°	701	762	828	896	974	1057	1160	1265	1353	1439	1512
-40°	664	715	770	827	889	955	1036	1113	1173	1228	1275
-42.5°	630	675	718	767	818	879	942	1001	1042	1080	1111
-45°	598	637	676	716	759	812	865	911	944	972	995
-47.5°	563	599	635	671	712	754	797	832	860	885	902
-50°	530	565	597	628	664	702	739	768	793	815	826
-52.5°	498	531	563	595	624	654	683	711	736	759	767
-55°	466	499	528	557	586	614	640	664	687	708	715
-57.5°	435	468	499	522	547	572	597	621	643	663	670
-60°	399	433	460	483	506	530	552	574	595	614	623
-62.5°	357	388	412	434	456	477	497	516	536	551	560
-65°	307	333	358	379	399	417	436	454	470	482	490
-67.5°	264	283	304	323	343	361	378	394	408	418	425
-70°	223	240	258	276	294	310	324	338	351	361	368
-72.5°	185	200	216	233	248	262	274	286	298	306	313
-75°	150	163	177	191	204	215	225	235	245	252	258
-77.5°	119	129	139	149	160	169	177	185	192	198	203
-80°	88	96	104	112	119	125	131	138	144	149	154
-82.5°	60	66	72	78	84	88	91	94	97	101	104
-85°	35	38	42	46	50	52	54	57	59	61	63
-87.5°	14	15	17	19	20	21	21	21	22	23	25
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627804 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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	1
62.5°	7	6	6	6	6	6	7	7	8	8	8
60°	24	22	22	22	22	22	24	26	26	30	32
57.5°	104	112	116	118	116	112	104	95	85	81	80
55°	159	164	165	162	165	164	159	152	143	136	129
52.5°	205	206	204	202	204	206	205	202	195	185	171
50°	285	284	284	286	284	284	285	281	270	250	232
47.5°	367	370	372	370	372	370	367	361	347	324	299
45°	438	443	445	443	445	443	438	430	412	389	364
42.5°	514	518	519	521	519	518	514	506	484	454	423
40°	615	619	618	616	618	619	615	604	582	546	509
37.5°	786	798	803	818	803	798	786	763	729	681	634
35°	1052	1081	1096	1120	1096	1081	1052	1006	946	879	795
32.5°	1453	1512	1543	1574	1543	1512	1453	1368	1249	1122	999
30°	2160	2276	2323	2409	2323	2276	2160	1986	1734	1513	1291
27.5°	3616	3890	3998	4223	3998	3890	3616	3180	2585	2216	1758
25°	6091	6682	7007	7265	7007	6682	6091	5259	4345	3535	2586
22.5°	9550	10415	10878	11220	10878	10415	9550	8248	6958	5605	4148
20°	13987	15129	15811	16306	15811	15129	13987	12252	10338	8358	6333
17.5°	21258	23053	24103	25004	24103	23053	21258	18086	15616	13011	9543
15°	31736	35343	38146	39708	38146	35343	31736	26781	22340	18414	13745
12.5°	41929	47212	50352	51796	50352	47212	41929	35780	28824	22865	17339
10°	52010	56992	59978	60506	59978	56992	52010	44735	35943	27511	20413
7.5°	59727	65206	69174	70616	69174	65206	59727	52818	42792	32936	23947
5°	66543	72958	77158	77691	77158	72958	66543	58272	48301	36990	26743
2.5°	71557	78531	82604	84003	82604	78531	71557	62367	51899	39470	28230
0°	73983	81494	86025	88064	86025	81494	73983	64427	53661	40632	28830
-2.5°	73472	81241	86299	88961	86299	81241	73472	63990	52961	39830	28462
-5°	70679	78470	83187	86014	83187	78470	70679	60875	49698	37382	27064
-7.5°	64237	71523	76543	79153	76543	71523	64237	55857	44306	33447	24989
-10°	55935	62102	66678	68902	66678	62102	55935	47164	37803	28938	22181
-12.5°	45148	51130	55259	56831	55259	51130	45148	38146	30446	24620	19355
-15°	34592	39157	42090	43018	42090	39157	34592	29571	24874	20413	16043
-17.5°	26233	28691	30340	30785	30340	28691	26233	22960	19797	16254	12709
-20°	19653	21176	22247	22501	22247	21176	19653	17453	15029	12140	9490

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REPORT NUMBER: P627804 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	14320	15465	16329	16502	16329	15465	14320	12711	10721	8623	6610
-25°	9878	10835	11422	11466	11422	10835	9878	8569	7090	5800	4387
-27.5°	6193	6719	6990	7086	6990	6719	6193	5416	4429	3814	3073
-30°	3827	4069	4197	4201	4197	4069	3827	3472	2999	2636	2274
-32.5°	2598	2715	2779	2778	2779	2715	2598	2427	2201	1983	1784
-35°	1946	2007	2041	2045	2041	2007	1946	1857	1739	1607	1475
-37.5°	1565	1598	1616	1619	1616	1598	1565	1512	1439	1353	1265
-40°	1309	1332	1346	1355	1346	1332	1309	1275	1228	1173	1113
-42.5°	1132	1147	1153	1148	1153	1147	1132	1111	1080	1042	1001
-45°	1008	1017	1023	1025	1023	1017	1008	995	972	944	911
-47.5°	910	914	917	919	917	914	910	902	885	860	832
-50°	832	836	837	835	837	836	832	826	815	793	768
-52.5°	770	771	772	773	772	771	770	767	759	736	711
-55°	719	721	722	723	722	721	719	715	708	687	664
-57.5°	676	680	681	678	681	680	676	670	663	643	621
-60°	630	635	638	639	638	635	630	623	614	595	574
-62.5°	568	573	576	577	576	573	568	560	551	536	516
-65°	496	501	508	515	508	501	496	490	482	470	454
-67.5°	430	435	441	448	441	435	430	425	418	408	394
-70°	374	379	380	381	380	379	374	368	361	351	338
-72.5°	318	323	325	325	325	323	318	313	306	298	286
-75°	263	267	269	269	269	267	263	258	252	245	235
-77.5°	208	212	213	213	213	212	208	203	198	192	185
-80°	158	162	159	157	159	162	158	154	149	144	138
-82.5°	108	111	109	106	109	111	108	104	101	97	94
-85°	65	67	64	62	64	67	65	63	61	59	57
-87.5°	26	28	25	22	25	28	26	25	23	22	21
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627804 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	1	1	0	0	0	0	0	0	0	0	0
62.5°	7	7	6	6	4	2	2	2	1	1	1
60°	28	19	25	26	21	14	14	11	5	5	5
57.5°	82	78	66	59	56	49	39	31	26	18	10
55°	124	115	105	93	82	76	69	59	49	37	28
52.5°	156	151	142	127	116	107	94	84	75	64	49
50°	216	205	192	177	161	147	133	116	100	89	76
47.5°	277	263	250	234	211	192	175	156	133	113	100
45°	337	316	298	279	257	234	214	192	168	144	123
42.5°	396	365	337	321	296	271	248	228	202	175	152
40°	469	425	395	373	347	311	289	265	237	206	182
37.5°	573	511	475	445	414	374	337	308	276	243	213
35°	712	636	567	522	488	439	395	355	319	283	246
32.5°	865	769	671	603	549	499	449	405	361	322	283
30°	1087	931	795	685	615	554	499	449	402	357	319
27.5°	1436	1147	962	796	684	612	551	492	439	392	350
25°	2013	1508	1183	953	774	676	607	539	477	424	380
22.5°	2898	2114	1529	1144	921	781	676	587	515	463	413
20°	4437	2949	2049	1498	1141	903	760	651	570	504	446
17.5°	6834	4621	2728	1947	1439	1098	871	726	626	545	480
15°	9596	6503	4067	2597	1775	1260	973	798	684	590	514
12.5°	12391	8448	5228	3126	2061	1440	1093	884	741	629	541
10°	14605	10187	6439	3890	2424	1625	1198	948	781	660	565
7.5°	16883	11613	7460	4462	2727	1779	1279	999	814	685	586
5°	18546	12771	8327	4911	2964	1898	1341	1040	840	706	603
2.5°	19683	13562	8914	5187	3122	1982	1390	1072	865	720	614
0°	20210	13936	9186	5383	3210	2033	1428	1092	885	728	622
-2.5°	20087	13913	9020	5315	3214	2060	1441	1097	891	738	628
-5°	19282	13414	8727	5174	3133	2046	1447	1100	892	743	631
-7.5°	18159	12533	8067	4827	2968	1992	1436	1099	890	745	634
-10°	16411	11158	7158	4357	2746	1896	1397	1081	881	741	633
-12.5°	14254	9602	6089	3652	2439	1753	1327	1046	864	731	628
-15°	11734	7968	5098	3225	2188	1607	1243	1001	842	714	618
-17.5°	9246	6235	3914	2655	1931	1480	1180	969	818	699	608
-20°	6796	4531	3158	2244	1681	1328	1099	926	790	685	601

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REPORT NUMBER: P627804 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	4713	3422	2455	1840	1486	1222	1027	877	756	666	589
-25°	3396	2543	1968	1600	1315	1106	959	836	732	647	573
-27.5°	2495	1971	1656	1378	1167	1025	902	793	704	626	558
-30°	1923	1642	1402	1198	1062	945	846	756	675	602	542
-32.5°	1560	1385	1205	1079	969	877	795	717	643	581	522
-35°	1327	1195	1077	980	893	817	744	677	615	557	499
-37.5°	1160	1057	974	896	828	762	701	643	586	529	478
-40°	1036	955	889	827	770	715	664	611	557	502	456
-42.5°	942	879	818	767	718	675	630	581	530	479	435
-45°	865	812	759	716	676	637	598	551	503	459	416
-47.5°	797	754	712	671	635	599	563	522	479	438	394
-50°	739	702	664	628	597	565	530	495	453	411	372
-52.5°	683	654	624	595	563	531	498	462	422	386	352
-55°	640	614	586	557	528	499	466	430	396	363	327
-57.5°	597	572	547	522	499	468	435	402	368	334	300
-60°	552	530	506	483	460	433	399	367	335	304	271
-62.5°	497	477	456	434	412	388	357	327	300	273	243
-65°	436	417	399	379	358	333	307	285	263	241	215
-67.5°	378	361	343	323	304	283	264	245	226	205	181
-70°	324	310	294	276	258	240	223	205	187	169	150
-72.5°	274	262	248	233	216	200	185	169	154	138	122
-75°	225	215	204	191	177	163	150	137	125	112	100
-77.5°	177	169	160	149	139	129	119	109	98	88	78
-80°	131	125	119	112	104	96	88	80	71	63	56
-82.5°	91	88	84	78	72	66	60	54	48	42	37
-85°	54	52	50	46	42	38	35	31	27	24	20
-87.5°	21	21	20	19	17	15	14	12	11	9	8
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P627804 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	3	3	1	1	1	0	0	1	1	0	0
57.5°	9	6	4	3	3	1	1	2	2	1	0
55°	18	13	8	5	4	4	2	2	4	2	0
52.5°	36	24	16	9	5	6	4	3	4	4	2
50°	58	41	28	18	7	7	5	4	4	5	3
47.5°	85	62	43	29	17	9	7	5	4	6	4
45°	108	88	62	42	27	16	11	6	5	6	5
42.5°	130	111	86	56	40	25	15	9	5	6	6
40°	158	134	109	79	53	33	22	13	6	6	6
37.5°	186	158	131	100	69	46	29	18	8	7	6
35°	215	185	152	120	87	59	35	24	14	8	6
32.5°	243	209	173	138	104	73	45	30	19	10	6
30°	275	232	193	157	119	87	57	37	24	13	6
27.5°	305	253	212	174	135	99	70	45	28	16	8
25°	334	279	231	190	151	113	82	52	34	20	10
22.5°	361	305	249	204	168	126	93	63	40	24	12
20°	389	330	268	223	184	141	104	72	46	27	14
17.5°	416	354	293	243	199	155	115	81	53	31	16
15°	444	378	316	262	214	167	125	89	59	34	19
12.5°	468	400	336	280	229	179	134	96	65	37	22
10°	489	420	354	296	244	189	143	102	71	40	25
7.5°	507	437	369	311	256	199	150	108	76	43	27
5°	522	450	381	321	266	208	157	114	81	46	30
2.5°	531	459	390	329	274	217	163	119	86	48	32
0°	538	465	398	336	280	224	168	123	90	50	34
-2.5°	544	471	405	343	286	231	173	127	93	55	34
-5°	547	474	411	348	291	237	177	130	95	60	35
-7.5°	550	478	415	352	295	241	180	132	97	64	35
-10°	550	481	418	355	298	244	182	133	99	66	35
-12.5°	548	482	419	357	300	245	186	136	101	68	36
-15°	544	481	418	356	300	245	188	139	102	69	36
-17.5°	537	478	415	353	298	244	189	140	103	68	37
-20°	532	473	410	348	295	243	189	140	102	67	39

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REPORT NUMBER: P627804 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	524	464	403	343	291	241	187	138	101	66	40
-25°	513	453	394	338	288	238	185	134	99	64	41
-27.5°	499	440	385	332	283	234	180	131	96	62	42
-30°	483	429	376	325	276	227	173	127	93	61	42
-32.5°	466	417	366	315	267	218	165	122	89	61	41
-35°	450	403	355	303	257	209	158	116	86	60	41
-37.5°	431	387	339	291	246	198	153	113	82	59	40
-40°	414	370	322	278	235	188	147	110	80	57	38
-42.5°	396	350	307	266	223	180	140	106	77	55	37
-45°	374	332	293	252	211	172	134	101	74	53	35
-47.5°	353	317	277	237	200	162	127	96	69	51	34
-50°	337	299	259	222	187	153	119	89	66	48	32
-52.5°	316	278	240	205	173	141	109	82	62	45	29
-55°	291	254	220	188	159	128	98	76	57	41	27
-57.5°	265	230	200	172	143	114	89	69	52	37	25
-60°	239	209	182	154	126	101	80	62	47	33	22
-62.5°	215	188	161	134	110	89	71	55	41	30	20
-65°	188	162	138	116	95	77	62	48	37	26	18
-67.5°	157	137	117	98	81	66	53	42	32	23	16
-70°	131	113	97	81	67	55	46	37	27	20	15
-72.5°	108	93	78	64	55	47	39	31	23	17	13
-75°	86	74	63	53	45	38	31	25	19	14	11
-77.5°	67	57	49	42	36	30	24	18	14	11	9
-80°	49	43	37	32	27	22	17	13	11	9	7
-82.5°	33	29	26	23	19	15	12	9	7	6	5
-85°	19	17	15	14	11	8	6	5	4	4	3
-87.5°	8	7	7	6	5	4	3	2	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: P627804 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	1	0	0	0	0	0	0
50°	2	1	0	0	0	0	0
47.5°	2	1	0	0	0	0	0
45°	3	2	0	0	0	0	0
42.5°	4	2	0	0	0	0	0
40°	4	3	0	0	0	0	0
37.5°	5	4	1	0	0	0	0
35°	5	4	1	0	0	0	0
32.5°	6	5	2	0	0	0	0
30°	6	5	3	0	0	0	0
27.5°	6	5	3	0	0	0	0
25°	6	6	3	0	0	0	0
22.5°	6	6	4	0	0	0	0
20°	6	6	4	0	0	0	0
17.5°	6	6	5	0	0	0	0
15°	7	6	5	0	0	0	0
12.5°	7	6	5	0	0	0	0
10°	8	6	5	0	0	0	0
7.5°	9	6	5	0	0	0	0
5°	10	6	6	0	0	0	0
2.5°	10	6	6	0	0	0	0
0°	11	6	6	0	0	0	0
-2.5°	13	6	6	0	0	0	0
-5°	15	7	6	1	0	0	0
-7.5°	17	7	5	1	0	0	0
-10°	19	8	5	1	0	0	0
-12.5°	20	8	5	2	0	0	0
-15°	22	9	5	2	0	0	0
-17.5°	22	9	5	2	0	0	0
-20°	23	9	5	2	0	0	0

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REPORT NUMBER: P627804 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23	9	5	2	0	0	0
-25°	23	10	5	3	0	0	0
-27.5°	23	10	5	3	0	0	0
-30°	23	11	6	3	0	0	0
-32.5°	23	11	6	2	0	0	0
-35°	23	11	7	2	0	0	0
-37.5°	23	11	7	2	0	0	0
-40°	23	12	7	2	0	0	0
-42.5°	22	12	7	1	0	0	0
-45°	21	12	7	1	0	0	0
-47.5°	20	12	7	1	0	0	0
-50°	19	12	6	1	0	0	0
-52.5°	18	11	6	1	0	0	0
-55°	17	11	5	1	0	0	0
-57.5°	16	10	5	1	0	0	0
-60°	14	9	4	1	0	0	0
-62.5°	14	9	4	1	0	0	0
-65°	13	8	4	1	0	0	0
-67.5°	12	7	4	1	0	0	0
-70°	10	6	3	1	0	0	0
-72.5°	9	6	3	1	0	0	0
-75°	8	5	3	1	0	0	0
-77.5°	7	4	2	1	0	0	0
-80°	6	4	2	1	0	0	0
-82.5°	4	3	1	1	0	0	0
-85°	3	2	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)