

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: P627806 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627806 (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-SA6B-730-U-MWR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (96) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

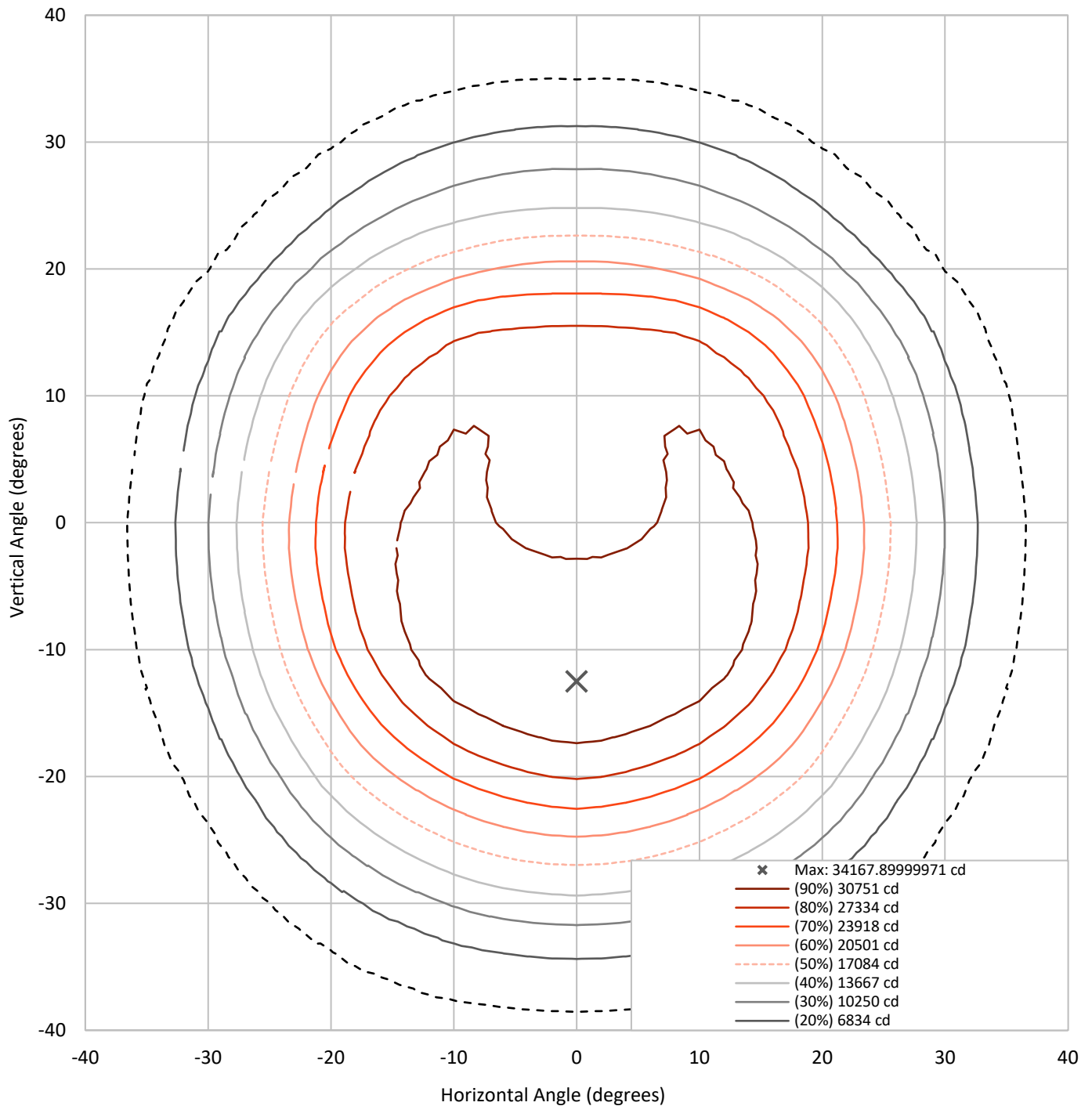
Lumens per Lamp: N/A  
Luminaire Lumens: 24388.4 lumens  
Efficiency: N/A  
Efficacy: 128.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
NEMA Type: 4H x 5V  
Max Intensity: 34167.9 candela  
Max Intensity Angle: 0°H x -12.5°V  
Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 16335.3 lumens  
Beam Efficiency: 67.0%  
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 21982.4 lumens  
Field Efficiency: 90.1%

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



REPORT NUMBER: P627806 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Iso-Candela Plot





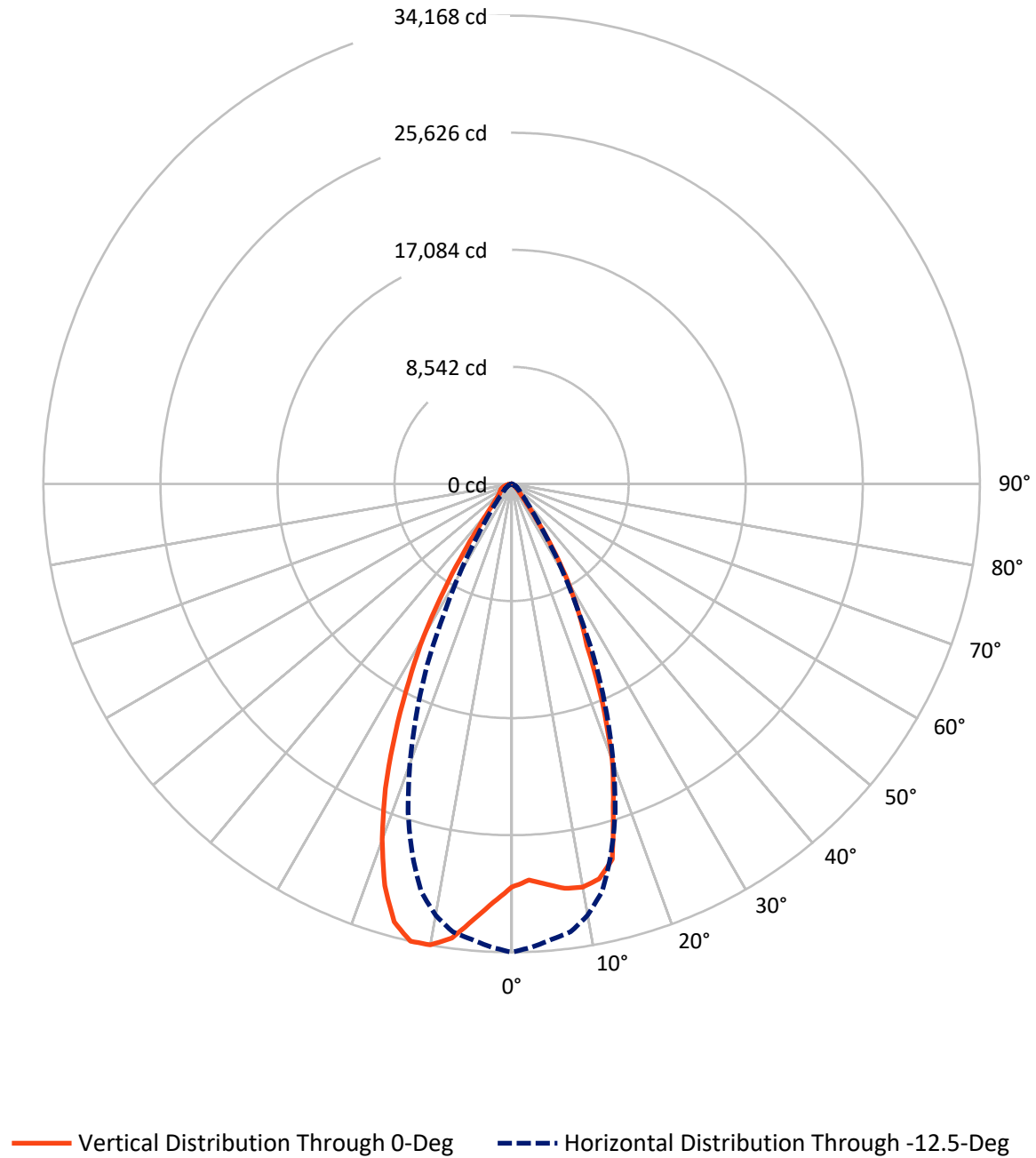
REPORT NUMBER: P627806 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table

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	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0									
50		0.1	0.2	0.8	2.0	3.4	4.6	5.4	5.4	4.6	3.4	2.0	0.8	0.2		0.1								
40	0.1	0.1	0.9	3.4	6.8	11.2	16.7	20.5	20.5	16.7	11.2	6.8	3.4	0.9	0.1	0.1								
30		0.4	2.7	7.1	14.6	31.7	72.0	109.9	109.9	72.0	31.7	14.6	7.1	2.7	0.4									
20	0.3	1.0	4.5	11.4	30.6	113.4	291.9	408.1	408.1	291.9	113.4	30.6	11.4	4.5	1.0	0.3								
10		1.6	6.4	17.6	72.8	314.8	656.8	813.2	813.2	656.8	314.8	72.8	17.6	6.4	1.6									
0	0.5	2.1	7.9	22.7	116.0	463.6	846.8	918.1	918.1	846.8	463.6	116.0	22.7	7.9	2.1	0.5								
-10		2.5	8.7	24.3	121.3	478.8	877.3	974.4	974.4	877.3	478.8	121.3	24.3	8.7	2.5									
-20	0.7	2.7	8.8	22.1	86.8	356.5	740.1	945.0	945.0	740.1	356.5	86.8	22.1	8.8	2.7	0.7								
-30		2.6	8.4	18.4	48.5	173.0	412.4	580.3	580.3	412.4	173.0	48.5	18.4	8.4	2.6									
-40	0.6	2.3	7.5	15.2	29.0	61.6	128.9	191.2	191.2	128.9	61.6	29.0	15.2	7.5	2.3	0.6								
-50		1.9	6.3	12.7	21.2	31.2	44.0	52.1	52.1	44.0	31.2	21.2	12.7	6.3	1.9									
-60	0.5	1.4	4.7	10.0	16.6	23.0	28.7	31.4	31.4	28.7	23.0	16.6	10.0	4.7	1.4	0.5								
-70		1.0	3.0	6.8	11.7	16.5	20.9	23.3	23.3	20.9	16.5	11.7	6.8	3.0	1.0									
-80	0.2	2.7	12.3	26.2	33.5	26.2	12.3	2.7	0.2															
-90																								
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90					

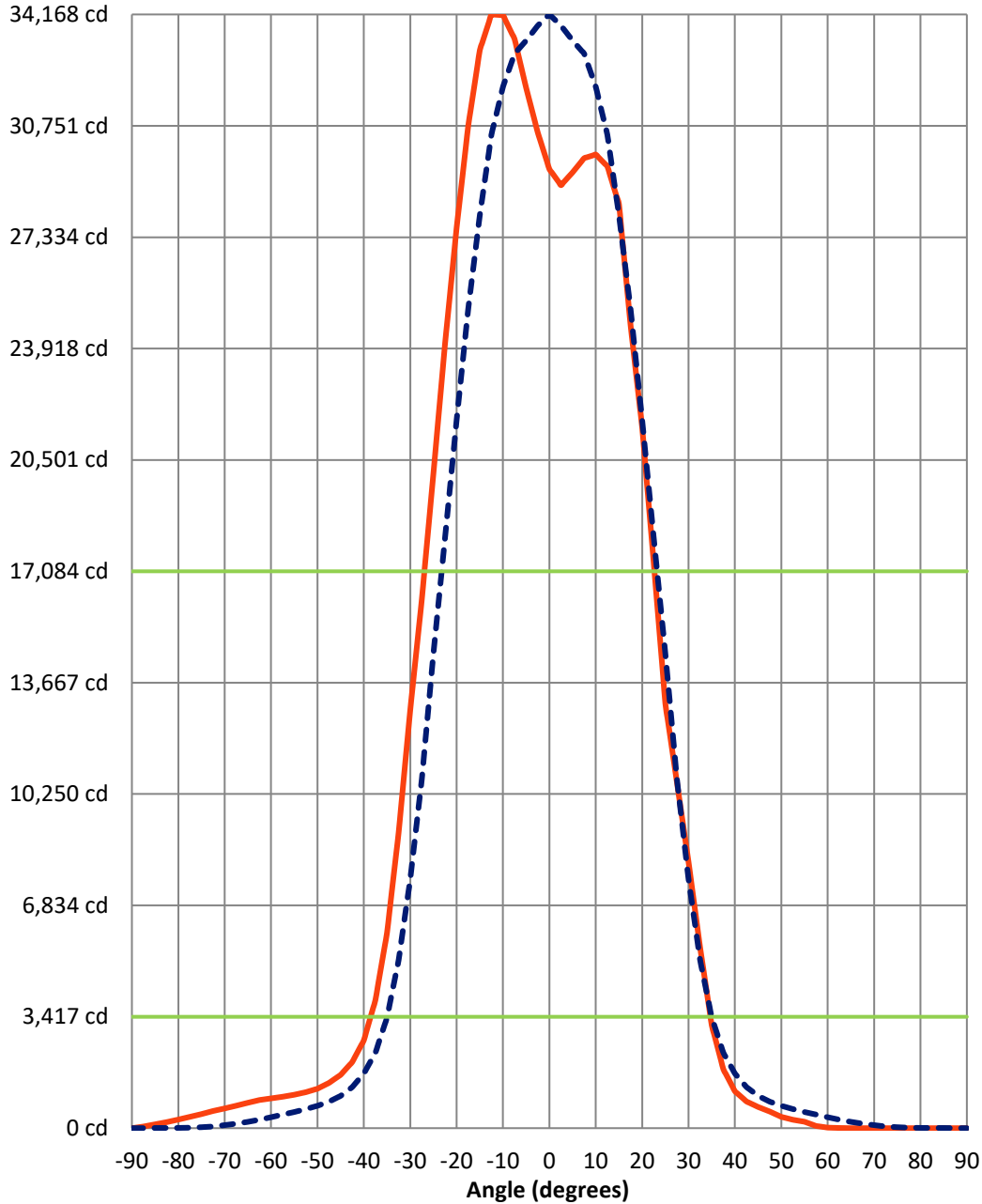
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 16335.3  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 21982.4  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 2406  
 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	1	1	0	0	0	0	0
70°	0	0	0	0	1	1	0	0	0	0	0
67.5°	0	0	0	1	2	2	1	0	0	1	1
65°	0	0	0	1	2	2	1	0	1	2	2
62.5°	0	0	0	2	3	2	1	1	3	3	4
60°	0	0	0	2	4	2	1	3	4	4	5
57.5°	0	0	0	3	4	2	2	4	5	5	6
55°	0	0	1	4	4	3	3	5	5	6	6
52.5°	0	0	1	4	4	3	4	6	5	6	6
50°	0	0	2	5	4	4	5	6	6	6	7
47.5°	0	0	2	5	4	4	6	6	6	6	8
45°	0	0	2	5	4	5	6	7	6	7	9
42.5°	0	0	3	6	5	5	7	7	6	9	11
40°	0	0	3	6	5	5	7	8	7	10	13
37.5°	0	0	3	6	5	6	8	8	9	13	15
35°	0	0	4	6	5	6	9	8	11	16	21
32.5°	0	0	4	6	5	7	9	9	13	20	33
30°	0	0	4	6	6	7	10	9	16	25	45
27.5°	0	0	4	6	6	8	10	11	18	30	55
25°	0	0	5	6	6	8	10	13	23	38	65
22.5°	0	0	5	6	6	9	11	15	27	46	77
20°	0	0	5	6	6	9	11	17	32	54	89
17.5°	0	0	5	6	6	10	12	18	37	60	101
15°	0	0	5	6	6	10	12	21	41	66	113
12.5°	0	0	5	6	6	11	13	25	46	72	125
10°	0	0	5	6	6	11	14	29	50	81	136
7.5°	0	0	6	6	6	11	14	33	54	90	145
5°	0	0	6	6	6	11	15	37	57	100	152
2.5°	0	0	6	6	6	11	16	41	59	109	158
0°	0	0	6	6	6	11	17	45	62	118	162
-2.5°	0	0	6	6	6	12	20	46	70	123	171
-5°	0	0	6	6	7	12	23	48	77	127	179
-7.5°	0	0	6	6	7	13	25	49	83	131	185
-10°	0	0	5	6	7	13	27	50	89	135	190
-12.5°	0	1	5	6	8	14	29	50	93	138	193
-15°	0	1	5	6	8	14	31	51	94	139	195
-17.5°	0	1	5	6	8	14	31	53	93	139	195
-20°	0	1	5	6	9	14	32	55	92	139	193

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CATALOG NUMBER: GFLD-SA6B-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	1	5	6	9	14	32	56	91	137	188
-25°	0	1	5	6	9	15	32	57	89	134	181
-27.5°	0	1	5	6	8	16	32	57	87	130	177
-30°	0	1	5	6	8	17	31	56	86	126	171
-32.5°	0	1	5	6	9	18	30	55	84	123	165
-35°	0	1	5	6	9	18	30	53	82	119	156
-37.5°	0	1	5	6	9	18	31	51	79	115	154
-40°	0	1	5	6	9	19	31	49	74	110	151
-42.5°	0	1	5	6	10	19	31	47	70	104	146
-45°	0	1	5	6	10	18	30	45	67	98	139
-47.5°	0	1	5	6	10	18	29	44	64	90	131
-50°	0	1	5	6	10	18	28	42	61	87	121
-52.5°	0	1	5	7	10	17	27	40	58	82	110
-55°	0	1	5	7	10	17	26	37	55	77	104
-57.5°	0	1	5	7	10	16	25	36	52	72	96
-60°	0	1	5	7	10	15	23	34	48	67	88
-62.5°	0	1	5	7	10	14	22	32	45	61	81
-65°	0	1	4	7	9	13	20	29	41	55	73
-67.5°	0	1	4	7	9	13	18	26	36	49	65
-70°	0	1	4	7	9	12	16	23	32	42	56
-72.5°	0	1	3	6	9	11	15	20	27	36	46
-75°	0	1	3	5	8	11	14	18	22	30	38
-77.5°	0	1	2	4	7	10	13	16	19	24	30
-80°	0	0	2	4	6	8	11	14	17	20	24
-82.5°	0	0	1	3	4	6	9	11	14	17	20
-85°	0	0	1	2	3	4	6	8	10	12	14
-87.5°	0	0	0	1	1	2	3	4	5	6	7
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P627806 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-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	1	0	0	0	0	0	0	0	0
67.5°	0	2	2	1	0	0	0	0	0	0	0
65°	3	4	3	1	0	1	2	2	0	0	0
62.5°	5	4	3	2	3	4	3	2	1	1	2
60°	6	5	4	4	6	5	4	4	5	5	13
57.5°	6	5	5	6	6	6	7	8	20	33	37
55°	6	6	6	8	8	10	15	31	47	58	62
52.5°	6	6	9	10	13	21	39	57	72	83	99
50°	7	9	12	16	25	44	65	86	105	123	144
47.5°	9	12	17	25	45	70	96	122	145	170	200
45°	12	18	24	43	69	100	132	161	185	214	242
42.5°	14	27	41	62	98	135	172	196	222	253	290
40°	23	38	59	90	129	174	206	232	259	304	348
37.5°	34	54	78	119	166	209	240	271	312	363	416
35°	47	69	104	150	202	242	277	316	371	430	493
32.5°	60	83	129	181	231	273	312	370	428	494	579
30°	72	104	155	211	258	302	357	421	479	559	659
27.5°	85	126	181	236	283	330	402	464	530	621	741
25°	100	149	204	258	307	366	445	511	579	695	857
22.5°	117	170	228	279	330	404	489	571	661	775	976
20°	136	191	249	304	353	441	536	636	758	918	1180
17.5°	153	209	269	329	390	480	586	705	856	1056	1441
15°	168	226	289	353	425	521	637	783	966	1214	1693
12.5°	183	241	309	378	457	557	682	841	1057	1413	2016
10°	195	254	327	401	484	589	720	889	1130	1556	2256
7.5°	206	268	344	424	508	617	753	928	1196	1669	2444
5°	215	284	359	440	526	640	781	959	1250	1751	2589
2.5°	223	300	371	454	539	658	802	988	1303	1819	2712
0°	230	314	381	465	549	672	818	1008	1344	1865	2807
-2.5°	238	321	394	474	565	682	825	1024	1358	1872	2788
-5°	244	326	405	480	577	688	827	1029	1356	1857	2730
-7.5°	249	329	413	486	584	691	828	1026	1342	1826	2637
-10°	254	332	416	492	586	690	824	1013	1310	1766	2497
-12.5°	259	336	417	495	585	686	813	991	1260	1676	2316
-15°	263	338	416	494	582	679	796	959	1193	1555	2092
-17.5°	264	338	414	490	577	668	772	921	1131	1450	1932
-20°	264	337	412	482	571	656	756	892	1080	1348	1737

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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°	261	335	408	475	560	645	738	856	1014	1234	1549
-25°	256	330	403	471	547	631	714	818	955	1150	1412
-27.5°	247	324	395	464	534	614	693	787	907	1058	1267
-30°	235	314	384	453	522	598	673	752	858	989	1157
-32.5°	223	304	372	440	509	580	651	725	815	924	1055
-35°	214	290	360	424	492	561	629	698	772	869	981
-37.5°	209	276	347	407	472	539	605	670	739	815	917
-40°	202	262	332	393	451	517	580	642	705	782	860
-42.5°	194	252	316	378	433	494	554	614	677	747	821
-45°	186	240	301	358	415	471	529	585	647	713	781
-47.5°	175	227	285	336	391	447	503	559	614	675	741
-50°	162	211	264	313	362	418	474	530	584	637	694
-52.5°	150	193	243	292	336	383	441	498	551	604	654
-55°	135	176	221	269	314	355	404	462	515	566	618
-57.5°	124	158	200	245	289	332	377	426	478	528	578
-60°	114	142	177	219	263	305	349	395	442	490	535
-62.5°	103	128	157	191	232	275	316	359	403	444	485
-65°	93	113	137	166	199	237	277	318	358	395	429
-67.5°	82	100	119	141	169	201	234	271	308	343	376
-70°	71	86	103	121	142	169	198	228	258	289	321
-72.5°	59	73	87	102	121	143	166	190	216	243	270
-75°	48	59	71	84	100	118	137	158	178	200	222
-77.5°	38	47	57	67	79	93	108	125	142	159	176
-80°	29	36	44	52	61	71	82	93	105	119	134
-82.5°	23	28	33	38	44	51	58	66	75	85	96
-85°	17	20	22	26	29	33	37	42	48	54	61
-87.5°	8	10	11	13	14	16	18	20	23	26	29
-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°	2	2	2	2	1	1	3	4	4	4	5
60°	15	11	14	18	18	13	20	23	21	17	17
57.5°	39	42	48	57	63	66	72	77	82	84	86
55°	72	86	101	109	120	139	155	156	159	163	172
52.5°	115	132	140	153	177	192	199	212	226	240	252
50°	167	182	198	220	243	257	262	285	313	336	350
47.5°	220	239	269	307	327	343	367	396	427	460	486
45°	269	303	342	375	402	430	462	498	547	593	627
42.5°	324	363	402	441	470	518	573	616	686	747	785
40°	389	427	484	531	590	651	746	834	922	1024	1098
37.5°	467	526	605	682	770	860	1029	1202	1343	1542	1652
35°	560	651	764	879	1019	1236	1483	1817	2164	2454	2732
32.5°	668	785	940	1146	1381	1729	2100	2716	3315	3914	4502
30°	774	943	1182	1465	1851	2402	3101	4052	5082	5984	6800
27.5°	916	1156	1465	1888	2546	3353	4643	5964	7276	8447	9288
25°	1087	1409	1846	2546	3496	4834	6564	8183	9722	10871	11838
22.5°	1334	1817	2437	3329	5053	6914	8984	11021	12750	14197	15150
20°	1640	2292	3331	4947	6975	9302	11966	14108	16238	17866	19320
17.5°	2073	3112	4578	6631	9053	12158	14901	17290	19994	21658	23141
15°	2462	3798	5888	8507	11346	14636	17871	20797	23407	25236	26894
12.5°	2955	4527	6930	10011	13115	16778	20141	23274	25831	27712	28872
10°	3396	5274	7971	11192	14668	18494	21979	25241	27717	29172	30025
7.5°	3752	5895	8814	12204	15873	19724	23406	26643	29012	30229	30812
5°	4028	6356	9474	13033	16844	20785	24542	27711	29706	30712	31038
2.5°	4235	6676	9918	13579	17500	21568	25404	28527	30229	30955	31063
0°	4375	6902	10207	13921	18061	21849	25871	29042	30661	31243	31299
-2.5°	4342	6820	10195	13797	17997	21975	25945	29075	30807	31590	31717
-5°	4254	6628	9856	13444	17485	21469	25256	28560	30686	31869	32392
-7.5°	4084	6297	9278	12770	16656	20644	24505	27933	30380	32044	33068
-10°	3793	5812	8539	11916	15746	19545	23364	26921	29556	31559	32986
-12.5°	3397	5155	7637	10707	14557	18105	21720	25129	28004	30474	31949
-15°	2988	4470	6700	9509	12861	16355	19694	23039	25878	28187	30027
-17.5°	2696	3871	5615	8073	11016	14331	17589	20661	23223	25394	27324
-20°	2327	3200	4581	6648	9239	12136	15257	17992	20280	22315	24158

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627806 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	2034	2740	3738	5148	7476	10031	12584	15102	17253	19065	20638
-25°	1767	2263	3043	4189	5703	7910	10061	12187	14173	15858	17275
-27.5°	1558	1952	2472	3288	4437	5725	7610	9387	11094	12635	13971
-30°	1367	1663	2070	2580	3361	4318	5452	6781	8142	9358	10572
-32.5°	1231	1441	1721	2100	2537	3222	3907	4801	5663	6550	7421
-35°	1108	1277	1467	1721	2021	2421	2872	3418	3879	4460	4995
-37.5°	1024	1143	1288	1448	1663	1886	2192	2523	2809	3132	3405
-40°	954	1048	1146	1254	1401	1552	1750	1936	2117	2314	2461
-42.5°	896	971	1042	1125	1212	1333	1466	1582	1692	1808	1904
-45°	850	906	963	1027	1094	1181	1275	1362	1434	1498	1551
-47.5°	800	850	901	951	1007	1071	1133	1188	1248	1298	1334
-50°	751	801	847	890	939	989	1038	1082	1124	1162	1185
-52.5°	704	755	800	840	882	923	963	1003	1040	1073	1088
-55°	668	715	761	797	832	866	902	940	975	1006	1016
-57.5°	628	677	720	753	786	817	850	885	918	948	958
-60°	583	634	672	703	736	770	801	833	863	889	900
-62.5°	529	574	609	640	670	697	732	765	797	823	839
-65°	464	503	538	569	597	624	656	687	716	739	755
-67.5°	408	439	467	494	522	550	580	608	636	656	669
-70°	352	381	407	433	457	482	506	530	553	571	584
-72.5°	297	322	345	368	390	412	433	453	473	489	501
-75°	246	267	286	306	325	342	358	374	390	403	414
-77.5°	194	211	228	244	260	274	287	299	310	321	332
-80°	148	161	173	185	198	208	218	227	236	245	253
-82.5°	106	115	123	131	139	146	153	160	167	173	179
-85°	68	72	77	81	86	90	94	98	103	106	110
-87.5°	32	34	36	38	41	43	45	47	49	51	52
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627806 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-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°	5	5	6	6	6	5	5	5	4	4	4
60°	17	17	17	17	17	17	17	17	17	21	23
57.5°	84	78	73	67	73	78	84	86	84	82	77
55°	183	193	198	196	198	193	183	172	163	159	156
52.5°	260	265	264	258	264	265	260	252	240	226	212
50°	355	356	353	347	353	356	355	350	336	313	285
47.5°	499	507	510	510	510	507	499	486	460	427	396
45°	641	648	651	650	651	648	641	627	593	547	498
42.5°	806	818	822	818	822	818	806	785	747	686	616
40°	1142	1156	1149	1132	1149	1156	1142	1098	1024	922	834
37.5°	1729	1785	1809	1810	1809	1785	1729	1652	1542	1343	1202
35°	2983	3183	3274	3160	3274	3183	2983	2732	2454	2164	1817
32.5°	4982	5336	5535	5535	5535	5336	4982	4502	3914	3315	2716
30°	7417	7861	8109	8162	8109	7861	7417	6800	5984	5082	4052
27.5°	9944	10402	10640	10605	10640	10402	9944	9288	8447	7276	5964
25°	12479	12825	13025	13031	13025	12825	12479	11838	10871	9722	8183
22.5°	16223	16952	17253	17333	17253	16952	16223	15150	14197	12750	11021
20°	20305	21012	21468	21496	21468	21012	20305	19320	17866	16238	14108
17.5°	24193	24544	24609	24639	24609	24544	24193	23141	21658	19994	17290
15°	27859	27982	28306	28347	28306	27982	27859	26894	25236	23407	20797
12.5°	29601	29713	29657	29507	29657	29713	29601	28872	27712	25831	23274
10°	30549	30391	30155	29871	30155	30391	30549	30025	29172	27717	25241
7.5°	30764	30588	30172	29759	30172	30588	30764	30812	30229	29012	26643
5°	30866	30349	29823	29322	29823	30349	30866	31038	30712	29706	27711
2.5°	30806	30191	29469	28930	29469	30191	30806	31063	30955	30229	28527
0°	31003	30381	29624	29423	29624	30381	31003	31299	31243	30661	29042
-2.5°	31550	31046	30651	30543	30651	31046	31550	31717	31590	30807	29075
-5°	32534	32423	31753	31910	31753	32423	32534	32392	31869	30686	28560
-7.5°	33486	33328	33044	33412	33044	33328	33486	33068	32044	30380	27933
-10°	33739	33687	33820	34145	33820	33687	33739	32986	31559	29556	26921
-12.5°	32963	33369	33825	34168	33825	33369	32963	31949	30474	28004	25129
-15°	31235	32066	32746	33070	32746	32066	31235	30027	28187	25878	23039
-17.5°	28689	29708	30515	30745	30515	29708	28689	27324	25394	23223	20661
-20°	25555	26592	27326	27619	27326	26592	25555	24158	22315	20280	17992

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REPORT NUMBER: P627806 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	22028	23040	23705	24056	23705	23040	22028	20638	19065	17253	15102
-25°	18449	19338	19928	20084	19928	19338	18449	17275	15858	14173	12187
-27.5°	15026	15741	16176	16224	16176	15741	15026	13971	12635	11094	9387
-30°	11582	12246	12623	12823	12623	12246	11582	10572	9358	8142	6781
-32.5°	8134	8661	8980	9064	8980	8661	8134	7421	6550	5663	4801
-35°	5423	5751	5953	5994	5953	5751	5423	4995	4460	3879	3418
-37.5°	3626	3786	3884	3933	3884	3786	3626	3405	3132	2809	2523
-40°	2569	2644	2686	2695	2686	2644	2569	2461	2314	2117	1936
-42.5°	1965	2003	2023	2028	2023	2003	1965	1904	1808	1692	1582
-45°	1588	1614	1630	1636	1630	1614	1588	1551	1498	1434	1362
-47.5°	1358	1375	1386	1389	1386	1375	1358	1334	1298	1248	1188
-50°	1198	1208	1212	1210	1212	1208	1198	1185	1162	1124	1082
-52.5°	1097	1104	1106	1104	1106	1104	1097	1088	1073	1040	1003
-55°	1023	1027	1028	1025	1028	1027	1023	1016	1006	975	940
-57.5°	965	971	969	964	969	971	965	958	948	918	885
-60°	909	915	916	913	916	915	909	900	889	863	833
-62.5°	852	863	865	863	865	863	852	839	823	797	765
-65°	771	784	784	779	784	784	771	755	739	716	687
-67.5°	681	691	691	689	691	691	681	669	656	636	608
-70°	596	607	607	605	607	607	596	584	571	553	530
-72.5°	513	523	526	527	526	523	513	501	489	473	453
-75°	425	435	434	431	434	435	425	414	403	390	374
-77.5°	342	351	350	347	350	351	342	332	321	310	299
-80°	260	268	266	263	266	268	260	253	245	236	227
-82.5°	184	190	188	185	188	190	184	179	173	167	160
-85°	114	117	117	118	117	117	114	110	106	103	98
-87.5°	54	56	53	50	53	56	54	52	51	49	47
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627806 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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	2
62.5°	3	1	1	2	2	2	2	2	1	1	2
60°	20	13	18	18	14	11	15	13	5	5	4
57.5°	72	66	63	57	48	42	39	37	33	20	8
55°	155	139	120	109	101	86	72	62	58	47	31
52.5°	199	192	177	153	140	132	115	99	83	72	57
50°	262	257	243	220	198	182	167	144	123	105	86
47.5°	367	343	327	307	269	239	220	200	170	145	122
45°	462	430	402	375	342	303	269	242	214	185	161
42.5°	573	518	470	441	402	363	324	290	253	222	196
40°	746	651	590	531	484	427	389	348	304	259	232
37.5°	1029	860	770	682	605	526	467	416	363	312	271
35°	1483	1236	1019	879	764	651	560	493	430	371	316
32.5°	2100	1729	1381	1146	940	785	668	579	494	428	370
30°	3101	2402	1851	1465	1182	943	774	659	559	479	421
27.5°	4643	3353	2546	1888	1465	1156	916	741	621	530	464
25°	6564	4834	3496	2546	1846	1409	1087	857	695	579	511
22.5°	8984	6914	5053	3329	2437	1817	1334	976	775	661	571
20°	11966	9302	6975	4947	3331	2292	1640	1180	918	758	636
17.5°	14901	12158	9053	6631	4578	3112	2073	1441	1056	856	705
15°	17871	14636	11346	8507	5888	3798	2462	1693	1214	966	783
12.5°	20141	16778	13115	10011	6930	4527	2955	2016	1413	1057	841
10°	21979	18494	14668	11192	7971	5274	3396	2256	1556	1130	889
7.5°	23406	19724	15873	12204	8814	5895	3752	2444	1669	1196	928
5°	24542	20785	16844	13033	9474	6356	4028	2589	1751	1250	959
2.5°	25404	21568	17500	13579	9918	6676	4235	2712	1819	1303	988
0°	25871	21849	18061	13921	10207	6902	4375	2807	1865	1344	1008
-2.5°	25945	21975	17997	13797	10195	6820	4342	2788	1872	1358	1024
-5°	25256	21469	17485	13444	9856	6628	4254	2730	1857	1356	1029
-7.5°	24505	20644	16656	12770	9278	6297	4084	2637	1826	1342	1026
-10°	23364	19545	15746	11916	8539	5812	3793	2497	1766	1310	1013
-12.5°	21720	18105	14557	10707	7637	5155	3397	2316	1676	1260	991
-15°	19694	16355	12861	9509	6700	4470	2988	2092	1555	1193	959
-17.5°	17589	14331	11016	8073	5615	3871	2696	1932	1450	1131	921
-20°	15257	12136	9239	6648	4581	3200	2327	1737	1348	1080	892

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REPORT NUMBER: P627806 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	12584	10031	7476	5148	3738	2740	2034	1549	1234	1014	856
-25°	10061	7910	5703	4189	3043	2263	1767	1412	1150	955	818
-27.5°	7610	5725	4437	3288	2472	1952	1558	1267	1058	907	787
-30°	5452	4318	3361	2580	2070	1663	1367	1157	989	858	752
-32.5°	3907	3222	2537	2100	1721	1441	1231	1055	924	815	725
-35°	2872	2421	2021	1721	1467	1277	1108	981	869	772	698
-37.5°	2192	1886	1663	1448	1288	1143	1024	917	815	739	670
-40°	1750	1552	1401	1254	1146	1048	954	860	782	705	642
-42.5°	1466	1333	1212	1125	1042	971	896	821	747	677	614
-45°	1275	1181	1094	1027	963	906	850	781	713	647	585
-47.5°	1133	1071	1007	951	901	850	800	741	675	614	559
-50°	1038	989	939	890	847	801	751	694	637	584	530
-52.5°	963	923	882	840	800	755	704	654	604	551	498
-55°	902	866	832	797	761	715	668	618	566	515	462
-57.5°	850	817	786	753	720	677	628	578	528	478	426
-60°	801	770	736	703	672	634	583	535	490	442	395
-62.5°	732	697	670	640	609	574	529	485	444	403	359
-65°	656	624	597	569	538	503	464	429	395	358	318
-67.5°	580	550	522	494	467	439	408	376	343	308	271
-70°	506	482	457	433	407	381	352	321	289	258	228
-72.5°	433	412	390	368	345	322	297	270	243	216	190
-75°	358	342	325	306	286	267	246	222	200	178	158
-77.5°	287	274	260	244	228	211	194	176	159	142	125
-80°	218	208	198	185	173	161	148	134	119	105	93
-82.5°	153	146	139	131	123	115	106	96	85	75	66
-85°	94	90	86	81	77	72	68	61	54	48	42
-87.5°	45	43	41	38	36	34	32	29	26	23	20
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P627806 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-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	1	0	0	0	0	0	0
67.5°	0	0	0	1	2	2	0	1	1	0	0
65°	2	1	0	1	3	4	3	2	2	1	0
62.5°	3	4	3	2	3	4	5	4	3	3	1
60°	4	5	6	4	4	5	6	5	4	4	3
57.5°	7	6	6	6	5	5	6	6	5	5	4
55°	15	10	8	8	6	6	6	6	6	5	5
52.5°	39	21	13	10	9	6	6	6	6	5	6
50°	65	44	25	16	12	9	7	7	6	6	6
47.5°	96	70	45	25	17	12	9	8	6	6	6
45°	132	100	69	43	24	18	12	9	7	6	7
42.5°	172	135	98	62	41	27	14	11	9	6	7
40°	206	174	129	90	59	38	23	13	10	7	8
37.5°	240	209	166	119	78	54	34	15	13	9	8
35°	277	242	202	150	104	69	47	21	16	11	8
32.5°	312	273	231	181	129	83	60	33	20	13	9
30°	357	302	258	211	155	104	72	45	25	16	9
27.5°	402	330	283	236	181	126	85	55	30	18	11
25°	445	366	307	258	204	149	100	65	38	23	13
22.5°	489	404	330	279	228	170	117	77	46	27	15
20°	536	441	353	304	249	191	136	89	54	32	17
17.5°	586	480	390	329	269	209	153	101	60	37	18
15°	637	521	425	353	289	226	168	113	66	41	21
12.5°	682	557	457	378	309	241	183	125	72	46	25
10°	720	589	484	401	327	254	195	136	81	50	29
7.5°	753	617	508	424	344	268	206	145	90	54	33
5°	781	640	526	440	359	284	215	152	100	57	37
2.5°	802	658	539	454	371	300	223	158	109	59	41
0°	818	672	549	465	381	314	230	162	118	62	45
-2.5°	825	682	565	474	394	321	238	171	123	70	46
-5°	827	688	577	480	405	326	244	179	127	77	48
-7.5°	828	691	584	486	413	329	249	185	131	83	49
-10°	824	690	586	492	416	332	254	190	135	89	50
-12.5°	813	686	585	495	417	336	259	193	138	93	50
-15°	796	679	582	494	416	338	263	195	139	94	51
-17.5°	772	668	577	490	414	338	264	195	139	93	53
-20°	756	656	571	482	412	337	264	193	139	92	55

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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	738	645	560	475	408	335	261	188	137	91	56
-25°	714	631	547	471	403	330	256	181	134	89	57
-27.5°	693	614	534	464	395	324	247	177	130	87	57
-30°	673	598	522	453	384	314	235	171	126	86	56
-32.5°	651	580	509	440	372	304	223	165	123	84	55
-35°	629	561	492	424	360	290	214	156	119	82	53
-37.5°	605	539	472	407	347	276	209	154	115	79	51
-40°	580	517	451	393	332	262	202	151	110	74	49
-42.5°	554	494	433	378	316	252	194	146	104	70	47
-45°	529	471	415	358	301	240	186	139	98	67	45
-47.5°	503	447	391	336	285	227	175	131	90	64	44
-50°	474	418	362	313	264	211	162	121	87	61	42
-52.5°	441	383	336	292	243	193	150	110	82	58	40
-55°	404	355	314	269	221	176	135	104	77	55	37
-57.5°	377	332	289	245	200	158	124	96	72	52	36
-60°	349	305	263	219	177	142	114	88	67	48	34
-62.5°	316	275	232	191	157	128	103	81	61	45	32
-65°	277	237	199	166	137	113	93	73	55	41	29
-67.5°	234	201	169	141	119	100	82	65	49	36	26
-70°	198	169	142	121	103	86	71	56	42	32	23
-72.5°	166	143	121	102	87	73	59	46	36	27	20
-75°	137	118	100	84	71	59	48	38	30	22	18
-77.5°	108	93	79	67	57	47	38	30	24	19	16
-80°	82	71	61	52	44	36	29	24	20	17	14
-82.5°	58	51	44	38	33	28	23	20	17	14	11
-85°	37	33	29	26	22	20	17	14	12	10	8
-87.5°	18	16	14	13	11	10	8	7	6	5	4
-90°	0	0	0	0	0	0	0	0	0	0	0

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**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	1	1	0	0	0	0
70°	0	1	1	0	0	0	0
67.5°	1	2	2	1	0	0	0
65°	1	2	2	1	0	0	0
62.5°	1	2	3	2	0	0	0
60°	1	2	4	2	0	0	0
57.5°	2	2	4	3	0	0	0
55°	3	3	4	4	1	0	0
52.5°	4	3	4	4	1	0	0
50°	5	4	4	5	2	0	0
47.5°	6	4	4	5	2	0	0
45°	6	5	4	5	2	0	0
42.5°	7	5	5	6	3	0	0
40°	7	5	5	6	3	0	0
37.5°	8	6	5	6	3	0	0
35°	9	6	5	6	4	0	0
32.5°	9	7	5	6	4	0	0
30°	10	7	6	6	4	0	0
27.5°	10	8	6	6	4	0	0
25°	10	8	6	6	5	0	0
22.5°	11	9	6	6	5	0	0
20°	11	9	6	6	5	0	0
17.5°	12	10	6	6	5	0	0
15°	12	10	6	6	5	0	0
12.5°	13	11	6	6	5	0	0
10°	14	11	6	6	5	0	0
7.5°	14	11	6	6	6	0	0
5°	15	11	6	6	6	0	0
2.5°	16	11	6	6	6	0	0
0°	17	11	6	6	6	0	0
-2.5°	20	12	6	6	6	0	0
-5°	23	12	7	6	6	0	0
-7.5°	25	13	7	6	6	0	0
-10°	27	13	7	6	5	0	0
-12.5°	29	14	8	6	5	1	0
-15°	31	14	8	6	5	1	0
-17.5°	31	14	8	6	5	1	0
-20°	32	14	9	6	5	1	0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	32	14	9	6	5	1	0
-25°	32	15	9	6	5	1	0
-27.5°	32	16	8	6	5	1	0
-30°	31	17	8	6	5	1	0
-32.5°	30	18	9	6	5	1	0
-35°	30	18	9	6	5	1	0
-37.5°	31	18	9	6	5	1	0
-40°	31	19	9	6	5	1	0
-42.5°	31	19	10	6	5	1	0
-45°	30	18	10	6	5	1	0
-47.5°	29	18	10	6	5	1	0
-50°	28	18	10	6	5	1	0
-52.5°	27	17	10	7	5	1	0
-55°	26	17	10	7	5	1	0
-57.5°	25	16	10	7	5	1	0
-60°	23	15	10	7	5	1	0
-62.5°	22	14	10	7	5	1	0
-65°	20	13	9	7	4	1	0
-67.5°	18	13	9	7	4	1	0
-70°	16	12	9	7	4	1	0
-72.5°	15	11	9	6	3	1	0
-75°	14	11	8	5	3	1	0
-77.5°	13	10	7	4	2	1	0
-80°	11	8	6	4	2	0	0
-82.5°	9	6	4	3	1	0	0
-85°	6	4	3	2	1	0	0
-87.5°	3	2	1	1	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)