

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: P627814 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-735-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627814 (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-735-U-MR-VSR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (96) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 27328.5 lumens  
Efficiency: N/A  
Efficacy: 143.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 96355.3 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 13664.5 lumens  
Beam Efficiency: 50.0%

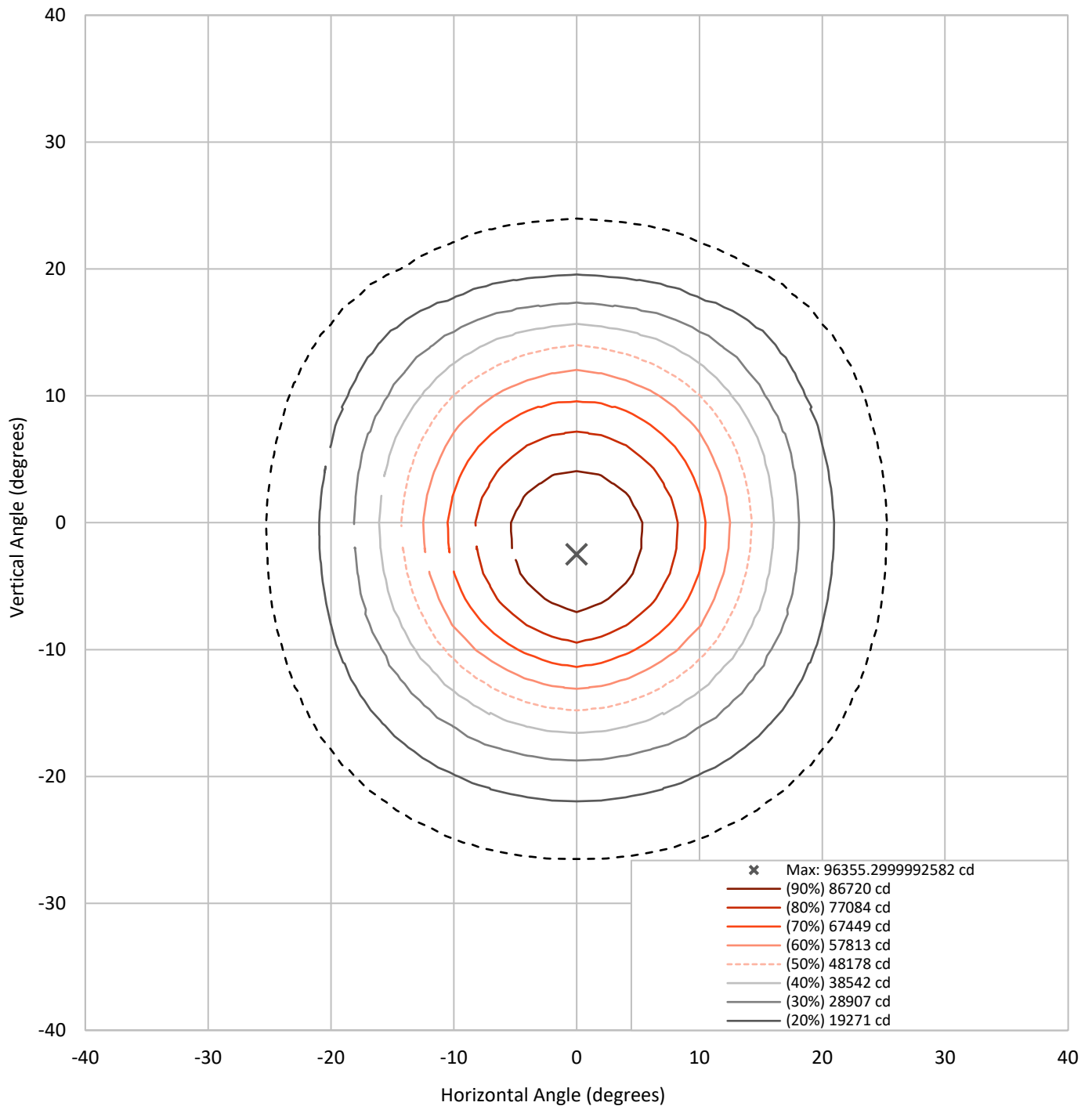
Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 23480.2 lumens  
Field Efficiency: 85.9%

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





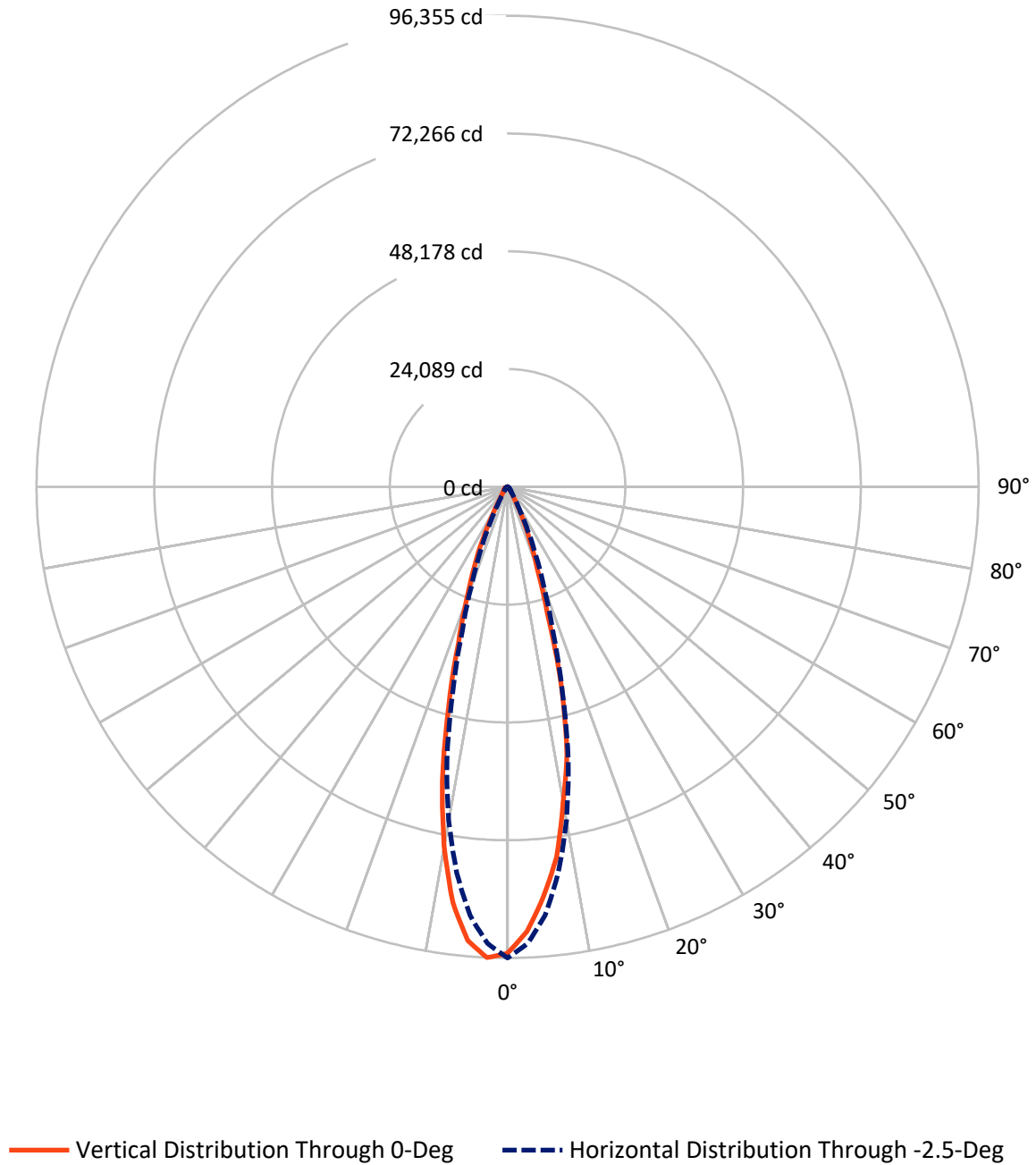
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### Lumen Table

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	0.2	0.8	1.9	3.1	4.3	5.2	5.2	4.3	3.1	1.9	0.8	0.2	0.0				
40	0.1	0.1	0.9	3.0	5.7	8.8	12.4	14.6	14.6	12.4	8.8	5.7	3.0	0.9	0.1	0.1			
30		0.4	2.3	5.8	10.8	17.7	29.5	39.3	39.3	29.5	17.7	10.8	5.8	2.3	0.4				
20	0.2	0.9	3.7	8.9	17.0	41.3	129.7	237.9	237.9	129.7	41.3	17.0	8.9	3.7	0.9	0.2			
10		1.3	5.1	12.1	29.1	142.3	578.7	1133.2	1133.2	578.7	142.3	29.1	12.1	5.1	1.3				
0	0.4	1.7	6.2	14.5	41.7	271.3	1168.6	2290.5	2290.5	1168.6	271.3	41.7	14.5	6.2	1.7	0.4			
-10		2.0	6.7	15.3	44.6	284.2	1199.1	2428.8	2428.8	1199.1	284.2	44.6	15.3	6.7	2.0				
-20	0.5	2.1	6.9	14.9	36.7	174.5	663.1	1285.3	1285.3	663.1	174.5	36.7	14.9	6.9	2.1	0.5			
-30		2.0	6.5	13.6	26.9	67.8	205.3	366.4	366.4	205.3	67.8	26.9	13.6	6.5	2.0				
-40	0.5	1.8	5.8	11.8	20.4	33.4	54.6	73.0	73.0	54.6	33.4	20.4	11.8	5.8	1.8	0.5			
-50		1.5	4.8	9.8	16.1	23.0	30.3	34.0	34.0	30.3	23.0	16.1	9.8	4.8	1.5				
-60	0.3	1.1	3.6	7.6	12.6	17.5	21.9	23.8	23.8	21.9	17.5	12.6	7.6	3.6	1.1	0.3			
-70		0.7	2.3	5.0	8.4	11.9	14.9	16.5	16.5	14.9	11.9	8.4	5.0	2.3	0.7				
-80	0.1	1.8	8.1	17.4	22.0	17.4	8.1	1.8	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

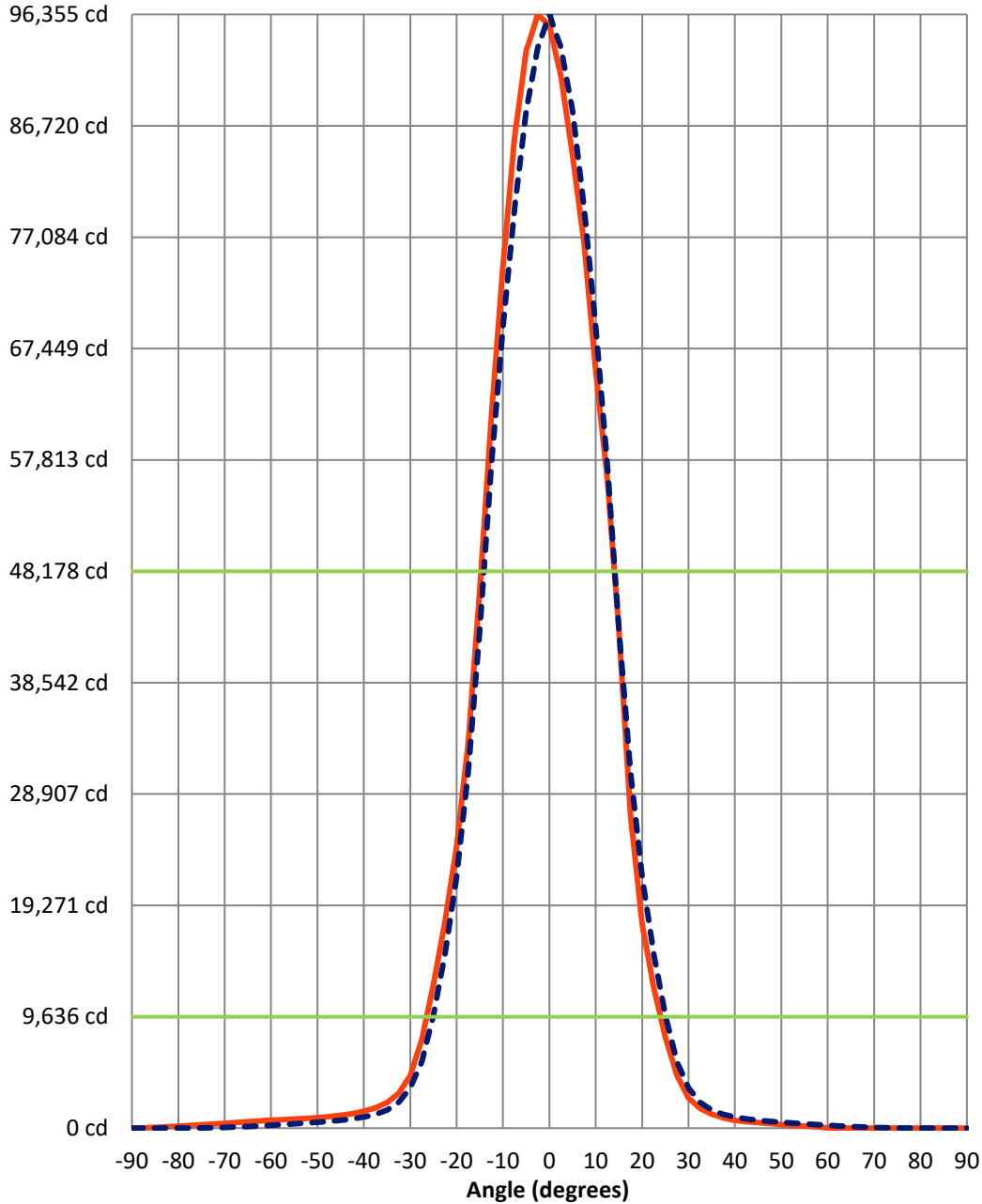
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 13664.5  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 23480.2  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 3848.2  
 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	2
57.5°	0	0	0	0	0	0	0	0	1	3	2
55°	0	0	0	0	0	0	1	0	3	4	2
52.5°	0	0	0	0	0	0	1	2	4	4	3
50°	0	0	0	0	0	1	2	3	6	5	4
47.5°	0	0	0	0	0	1	2	5	6	5	5
45°	0	0	0	0	0	2	3	6	6	6	6
42.5°	0	0	0	0	0	3	4	6	6	6	10
40°	0	0	0	0	0	3	5	6	6	6	15
37.5°	0	0	0	0	1	4	5	6	7	9	20
35°	0	0	0	0	2	5	6	6	9	15	26
32.5°	0	0	0	0	2	5	6	6	11	20	33
30°	0	0	0	0	3	6	6	7	14	26	40
27.5°	0	0	0	0	3	6	6	8	17	31	48
25°	0	0	0	0	4	6	6	10	22	37	57
22.5°	0	0	0	0	4	6	6	13	26	43	68
20°	0	0	0	0	5	6	6	15	30	50	78
17.5°	0	0	0	0	5	6	6	18	33	57	87
15°	0	0	0	0	5	6	7	21	37	64	96
12.5°	0	0	0	0	6	6	8	24	40	70	104
10°	0	0	0	0	6	6	9	27	44	77	111
7.5°	0	0	0	0	6	6	10	29	47	83	117
5°	0	0	0	0	6	6	10	32	50	88	124
2.5°	0	0	0	0	6	6	11	34	52	93	129
0°	0	0	0	0	6	6	12	36	55	97	133
-2.5°	0	0	0	0	6	7	14	37	60	101	137
-5°	0	0	0	1	6	7	17	38	65	103	140
-7.5°	0	0	0	1	6	8	19	38	69	106	143
-10°	0	0	0	2	6	9	21	38	72	107	144
-12.5°	0	0	0	2	6	9	22	39	74	109	148
-15°	0	0	0	2	6	9	23	39	74	110	151
-17.5°	0	0	0	2	6	10	24	40	74	111	152
-20°	0	0	0	3	6	10	24	42	73	111	152

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CATALOG NUMBER: GFLD-SA6B-735-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	3	6	10	25	44	71	109	150
-25°	0	0	0	3	6	10	25	45	69	107	146
-27.5°	0	0	0	3	6	11	25	45	67	104	142
-30°	0	0	0	3	6	12	25	45	66	100	138
-32.5°	0	0	0	3	7	12	25	45	66	97	132
-35°	0	0	0	2	7	12	25	44	65	93	126
-37.5°	0	0	0	2	8	12	25	43	64	89	122
-40°	0	0	0	2	8	13	24	42	62	86	119
-42.5°	0	0	0	1	8	13	24	40	60	84	115
-45°	0	0	0	1	8	13	23	38	57	80	109
-47.5°	0	0	0	1	7	13	21	37	55	75	104
-50°	0	0	0	1	7	13	21	34	52	71	96
-52.5°	0	0	0	1	6	12	20	32	48	67	88
-55°	0	0	0	1	6	12	19	29	44	62	82
-57.5°	0	0	0	1	5	11	17	27	40	56	75
-60°	0	0	0	1	4	10	16	24	36	51	67
-62.5°	0	0	0	1	4	9	15	22	32	44	60
-65°	0	0	0	1	4	8	14	19	29	40	52
-67.5°	0	0	0	1	4	8	12	18	25	35	46
-70°	0	0	0	1	4	7	11	16	22	30	40
-72.5°	0	0	0	1	3	6	10	14	19	25	33
-75°	0	0	0	1	3	6	9	12	15	20	27
-77.5°	0	0	0	1	3	5	8	10	12	15	20
-80°	0	0	0	1	2	4	6	8	9	12	14
-82.5°	0	0	0	1	2	3	5	5	6	8	9
-85°	0	0	0	0	1	2	3	4	4	5	5
-87.5°	0	0	0	0	1	1	2	2	2	2	3
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P627814 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-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	2	1	3	4	5	6	6	12
57.5°	1	1	3	3	4	7	10	11	19	28	33
55°	2	4	5	5	9	14	20	30	41	53	64
52.5°	4	6	6	9	18	26	39	53	69	81	91
50°	6	7	8	19	30	44	63	83	97	108	125
47.5°	8	9	18	31	47	67	92	109	122	144	169
45°	12	18	30	46	67	95	117	133	156	182	208
42.5°	16	27	43	61	93	121	141	164	190	219	246
40°	24	36	58	85	119	145	171	197	223	257	287
37.5°	31	50	75	109	142	172	201	231	263	298	333
35°	38	64	94	130	164	200	233	266	306	345	385
32.5°	49	79	112	150	187	227	263	307	348	391	439
30°	62	94	129	170	209	251	297	346	387	435	487
27.5°	76	108	146	188	229	275	331	379	424	476	532
25°	89	123	163	205	250	302	362	412	459	516	583
22.5°	101	137	182	221	270	330	391	447	502	558	636
20°	113	153	199	242	290	357	421	484	546	618	705
17.5°	124	168	216	264	317	383	451	520	591	678	787
15°	135	181	232	284	342	410	481	557	639	740	865
12.5°	145	194	248	303	364	433	507	586	681	803	958
10°	154	205	264	321	383	455	530	612	714	846	1027
7.5°	163	215	278	336	399	473	549	635	742	881	1082
5°	170	226	288	348	412	488	565	653	764	910	1127
2.5°	177	235	297	357	423	497	575	665	779	936	1161
0°	182	243	303	364	431	504	582	673	789	959	1183
-2.5°	188	251	310	372	439	510	589	681	799	965	1189
-5°	192	257	316	377	445	514	593	684	804	966	1191
-7.5°	195	261	320	381	449	518	596	687	807	964	1190
-10°	198	264	323	385	453	521	596	686	803	954	1171
-12.5°	201	265	324	386	454	522	594	680	791	936	1133
-15°	204	265	324	386	453	521	589	669	774	912	1084
-17.5°	205	264	323	382	450	518	582	659	757	886	1050
-20°	204	263	320	377	444	512	576	651	742	856	1003

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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°	203	261	316	371	436	502	568	638	722	818	950
-25°	200	258	311	366	427	491	556	621	701	793	905
-27.5°	195	253	306	360	417	477	541	605	678	762	859
-30°	187	245	298	352	407	464	523	587	652	731	819
-32.5°	178	237	289	341	397	451	504	566	630	697	777
-35°	171	226	278	329	384	437	487	541	603	667	734
-37.5°	165	215	267	315	367	420	467	518	573	635	696
-40°	159	203	254	301	348	401	448	494	544	604	662
-42.5°	152	195	241	288	333	380	428	472	519	574	629
-45°	145	186	228	273	318	360	405	451	497	545	597
-47.5°	138	176	217	257	300	343	383	427	474	519	565
-50°	128	165	203	240	281	324	365	403	445	491	536
-52.5°	118	153	188	222	260	301	342	382	418	457	501
-55°	107	139	172	204	238	276	315	355	393	429	466
-57.5°	96	123	155	186	217	249	287	325	362	398	435
-60°	87	109	136	166	197	227	259	294	329	363	397
-62.5°	76	96	119	145	174	204	233	263	296	325	354
-65°	67	84	103	125	149	176	203	232	261	285	308
-67.5°	58	72	88	106	127	148	171	196	222	245	266
-70°	50	60	73	88	105	123	142	163	183	202	223
-72.5°	42	50	60	70	84	101	117	132	149	167	184
-75°	34	41	49	57	68	80	94	108	122	135	149
-77.5°	26	32	39	45	53	62	73	84	95	106	118
-80°	19	24	29	35	40	46	53	61	69	77	86
-82.5°	13	16	21	25	28	32	35	40	46	52	58
-85°	7	9	12	15	16	18	20	22	26	30	33
-87.5°	4	5	6	7	7	8	8	9	10	12	13
-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	1	2	1	1	0	0
62.5°	2	3	5	6	7	7	8	8	8	8	8
60°	15	15	23	28	27	21	30	34	33	28	28
57.5°	43	53	61	64	72	85	88	87	88	92	103
55°	74	83	89	101	113	125	134	140	147	155	164
52.5°	101	115	125	138	154	164	169	185	200	212	219
50°	144	159	175	192	207	222	234	251	271	292	305
47.5°	189	208	229	253	271	285	300	324	351	376	391
45°	232	253	279	302	322	342	366	394	422	446	465
42.5°	269	294	321	348	366	396	429	458	492	524	548
40°	313	336	376	404	428	460	508	551	592	630	655
37.5°	365	405	448	482	514	554	621	686	738	790	826
35°	427	476	529	566	614	689	772	862	952	1025	1090
32.5°	487	540	594	654	727	833	937	1082	1215	1352	1481
30°	540	600	666	742	861	1008	1178	1399	1639	1878	2151
27.5°	596	662	741	862	1042	1243	1555	1904	2400	2800	3444
25°	658	732	838	1032	1281	1634	2180	2801	3829	4706	5696
22.5°	732	846	997	1240	1656	2290	3139	4493	6071	7536	8933
20°	823	978	1236	1623	2219	3195	4805	6859	9053	11197	13270
17.5°	943	1190	1559	2108	2954	5005	7402	10336	14093	16914	19590
15°	1054	1365	1923	2813	4405	7044	10394	14887	19945	24197	29007
12.5°	1184	1560	2232	3386	5663	9150	13421	18780	24765	31220	38754
10°	1297	1760	2625	4213	6975	11034	15819	22110	29797	38930	48453
7.5°	1385	1927	2953	4833	8080	12578	18287	25938	35674	46349	57208
5°	1453	2056	3211	5319	9020	13832	20088	28966	40064	52316	63115
2.5°	1506	2147	3382	5618	9655	14689	21320	30576	42751	56213	67551
0°	1547	2202	3476	5830	9950	15095	21889	31227	44010	58121	69782
-2.5°	1561	2231	3481	5757	9770	15070	21756	30828	43141	57363	69309
-5°	1567	2216	3393	5604	9452	14529	20885	29313	40489	53829	65935
-7.5°	1555	2157	3215	5228	8737	13575	19669	27067	36227	47989	60500
-10°	1513	2054	2974	4719	7753	12086	17775	24025	31343	40945	51084
-12.5°	1437	1899	2642	3956	6595	10400	15438	20964	26667	32977	41317
-15°	1347	1740	2370	3494	5522	8630	12710	17376	22110	26942	32029
-17.5°	1278	1603	2092	2876	4240	6753	10015	13765	17606	21443	24869
-20°	1191	1439	1820	2430	3420	4908	7361	10279	13149	16278	18904

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REPORT NUMBER: P627814 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-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°	1113	1323	1609	1993	2659	3706	5105	7159	9340	11612	13768
-25°	1039	1198	1425	1733	2131	2754	3678	4752	6282	7680	9281
-27.5°	977	1110	1264	1493	1794	2135	2702	3329	4131	4798	5866
-30°	917	1024	1151	1297	1518	1778	2082	2463	2855	3249	3761
-32.5°	861	950	1050	1169	1305	1500	1689	1933	2148	2384	2628
-35°	806	885	968	1061	1167	1295	1437	1598	1741	1884	2012
-37.5°	759	825	897	971	1055	1144	1256	1370	1466	1559	1638
-40°	719	774	834	895	963	1035	1122	1205	1270	1331	1381
-42.5°	682	731	778	830	886	953	1020	1084	1128	1170	1203
-45°	648	690	733	776	822	879	937	987	1022	1053	1078
-47.5°	610	649	687	727	771	817	863	901	932	959	977
-50°	575	612	647	680	719	760	800	832	859	883	895
-52.5°	539	575	610	644	676	708	740	770	797	822	831
-55°	505	540	572	603	634	665	693	719	744	767	775
-57.5°	471	507	540	566	592	620	647	673	697	718	725
-60°	433	469	498	523	548	574	598	621	645	665	674
-62.5°	387	420	446	470	494	516	538	559	580	597	607
-65°	333	361	387	411	432	452	472	491	509	522	531
-67.5°	286	307	329	350	372	391	409	426	442	453	460
-70°	242	260	280	299	318	335	351	366	380	391	398
-72.5°	200	217	234	252	269	284	297	310	323	332	339
-75°	163	177	192	206	221	233	244	255	265	273	279
-77.5°	129	140	151	162	173	183	192	200	208	214	220
-80°	96	104	113	121	129	136	142	149	156	161	166
-82.5°	65	71	78	84	91	95	98	102	105	109	113
-85°	37	41	46	50	54	56	59	61	64	66	68
-87.5°	15	17	18	20	22	22	23	23	23	25	27
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627814 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-735-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	8	8	8	8
60°	26	24	24	24	24	24	26	28	28	33	34
57.5°	113	121	126	127	126	121	113	103	92	88	87
55°	172	178	179	176	179	178	172	164	155	147	140
52.5°	222	223	222	218	222	223	222	219	212	200	185
50°	308	308	308	309	308	308	308	305	292	271	251
47.5°	397	401	403	400	403	401	397	391	376	351	324
45°	474	480	482	479	482	480	474	465	446	422	394
42.5°	557	561	562	564	562	561	557	548	524	492	458
40°	666	670	669	667	669	670	666	655	630	592	551
37.5°	851	864	870	886	870	864	851	826	790	738	686
35°	1140	1171	1188	1213	1188	1171	1140	1090	1025	952	862
32.5°	1574	1638	1671	1705	1671	1638	1574	1481	1352	1215	1082
30°	2340	2465	2516	2609	2516	2465	2340	2151	1878	1639	1399
27.5°	3917	4213	4330	4575	4330	4213	3917	3444	2800	2400	1904
25°	6597	7237	7590	7869	7590	7237	6597	5696	4706	3829	2801
22.5°	10344	11281	11782	12152	11782	11281	10344	8933	7536	6071	4493
20°	15150	16387	17125	17661	17125	16387	15150	13270	11197	9053	6859
17.5°	23024	24969	26106	27083	26106	24969	23024	19590	16914	14093	10336
15°	34374	38281	41317	43009	41317	38281	34374	29007	24197	19945	14887
12.5°	45414	51137	54537	56101	54537	51137	45414	38754	31220	24765	18780
10°	56333	61729	64964	65535	64964	61729	56333	48453	38930	29797	22110
7.5°	64691	70626	74924	76486	74924	70626	64691	57208	46349	35674	25938
5°	72074	79023	83572	84149	83572	79023	72074	63115	52316	40064	28966
2.5°	77505	85059	89470	90986	89470	85059	77505	67551	56213	42751	30576
0°	80132	88268	93176	95385	93176	88268	80132	69782	58121	44010	31227
-2.5°	79579	87994	93473	96355	93473	87994	79579	69309	57363	43141	30828
-5°	76554	84993	90101	93164	90101	84993	76554	65935	53829	40489	29313
-7.5°	69576	77468	82906	85732	82906	77468	69576	60500	47989	36227	27067
-10°	60585	67264	72221	74629	72221	67264	60585	51084	40945	31343	24025
-12.5°	48901	55380	59852	61555	59852	55380	48901	41317	32977	26667	20964
-15°	37467	42412	45589	46594	45589	42412	37467	32029	26942	22110	17376
-17.5°	28413	31076	32862	33344	32862	31076	28413	24869	21443	17606	13765
-20°	21287	22937	24096	24371	24096	22937	21287	18904	16278	13149	10279

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REPORT NUMBER: P627814 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-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°	15510	16750	17687	17873	17687	16750	15510	13768	11612	9340	7159
-25°	10699	11736	12371	12419	12371	11736	10699	9281	7680	6282	4752
-27.5°	6708	7277	7571	7675	7571	7277	6708	5866	4798	4131	3329
-30°	4145	4408	4546	4550	4546	4408	4145	3761	3249	2855	2463
-32.5°	2814	2941	3010	3009	3010	2941	2814	2628	2384	2148	1933
-35°	2108	2173	2211	2214	2211	2173	2108	2012	1884	1741	1598
-37.5°	1695	1731	1750	1753	1750	1731	1695	1638	1559	1466	1370
-40°	1417	1442	1458	1468	1458	1442	1417	1381	1331	1270	1205
-42.5°	1226	1242	1249	1244	1249	1242	1226	1203	1170	1128	1084
-45°	1092	1102	1108	1110	1108	1102	1092	1078	1053	1022	987
-47.5°	985	990	993	995	993	990	985	977	959	932	901
-50°	901	906	907	904	907	906	901	895	883	859	832
-52.5°	834	835	836	837	836	835	834	831	822	797	770
-55°	779	781	782	783	782	781	779	775	767	744	719
-57.5°	732	737	737	734	737	737	732	725	718	697	673
-60°	682	688	691	692	691	688	682	674	665	645	621
-62.5°	615	621	624	625	624	621	615	607	597	580	559
-65°	537	543	551	558	551	543	537	531	522	509	491
-67.5°	466	471	478	485	478	471	466	460	453	442	426
-70°	405	410	412	413	412	410	405	398	391	380	366
-72.5°	345	350	351	352	351	350	345	339	332	323	310
-75°	285	290	291	291	291	290	285	279	273	265	255
-77.5°	225	229	230	231	230	229	225	220	214	208	200
-80°	171	175	173	170	173	175	171	166	161	156	149
-82.5°	117	121	118	115	118	121	117	113	109	105	102
-85°	71	72	70	67	70	72	71	68	66	64	61
-87.5°	29	30	27	24	27	30	29	27	25	23	23
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627814 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-735-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	1	0	0	0	0	0	0	0	0	0
62.5°	8	7	7	6	5	3	2	2	1	1	1
60°	30	21	27	28	23	15	15	12	6	6	5
57.5°	88	85	72	64	61	53	43	33	28	19	11
55°	134	125	113	101	89	83	74	64	53	41	30
52.5°	169	164	154	138	125	115	101	91	81	69	53
50°	234	222	207	192	175	159	144	125	108	97	83
47.5°	300	285	271	253	229	208	189	169	144	122	109
45°	366	342	322	302	279	253	232	208	182	156	133
42.5°	429	396	366	348	321	294	269	246	219	190	164
40°	508	460	428	404	376	336	313	287	257	223	197
37.5°	621	554	514	482	448	405	365	333	298	263	231
35°	772	689	614	566	529	476	427	385	345	306	266
32.5°	937	833	727	654	594	540	487	439	391	348	307
30°	1178	1008	861	742	666	600	540	487	435	387	346
27.5°	1555	1243	1042	862	741	662	596	532	476	424	379
25°	2180	1634	1281	1032	838	732	658	583	516	459	412
22.5°	3139	2290	1656	1240	997	846	732	636	558	502	447
20°	4805	3195	2219	1623	1236	978	823	705	618	546	484
17.5°	7402	5005	2954	2108	1559	1190	943	787	678	591	520
15°	10394	7044	4405	2813	1923	1365	1054	865	740	639	557
12.5°	13421	9150	5663	3386	2232	1560	1184	958	803	681	586
10°	15819	11034	6975	4213	2625	1760	1297	1027	846	714	612
7.5°	18287	12578	8080	4833	2953	1927	1385	1082	881	742	635
5°	20088	13832	9020	5319	3211	2056	1453	1127	910	764	653
2.5°	21320	14689	9655	5618	3382	2147	1506	1161	936	779	665
0°	21889	15095	9950	5830	3476	2202	1547	1183	959	789	673
-2.5°	21756	15070	9770	5757	3481	2231	1561	1189	965	799	681
-5°	20885	14529	9452	5604	3393	2216	1567	1191	966	804	684
-7.5°	19669	13575	8737	5228	3215	2157	1555	1190	964	807	687
-10°	17775	12086	7753	4719	2974	2054	1513	1171	954	803	686
-12.5°	15438	10400	6595	3956	2642	1899	1437	1133	936	791	680
-15°	12710	8630	5522	3494	2370	1740	1347	1084	912	774	669
-17.5°	10015	6753	4240	2876	2092	1603	1278	1050	886	757	659
-20°	7361	4908	3420	2430	1820	1439	1191	1003	856	742	651

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REPORT NUMBER: P627814 (CONVERTED FROM TYPE C PHOTOMETRY)

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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5105	3706	2659	1993	1609	1323	1113	950	818	722	638
-25°	3678	2754	2131	1733	1425	1198	1039	905	793	701	621
-27.5°	2702	2135	1794	1493	1264	1110	977	859	762	678	605
-30°	2082	1778	1518	1297	1151	1024	917	819	731	652	587
-32.5°	1689	1500	1305	1169	1050	950	861	777	697	630	566
-35°	1437	1295	1167	1061	968	885	806	734	667	603	541
-37.5°	1256	1144	1055	971	897	825	759	696	635	573	518
-40°	1122	1035	963	895	834	774	719	662	604	544	494
-42.5°	1020	953	886	830	778	731	682	629	574	519	472
-45°	937	879	822	776	733	690	648	597	545	497	451
-47.5°	863	817	771	727	687	649	610	565	519	474	427
-50°	800	760	719	680	647	612	575	536	491	445	403
-52.5°	740	708	676	644	610	575	539	501	457	418	382
-55°	693	665	634	603	572	540	505	466	429	393	355
-57.5°	647	620	592	566	540	507	471	435	398	362	325
-60°	598	574	548	523	498	469	433	397	363	329	294
-62.5°	538	516	494	470	446	420	387	354	325	296	263
-65°	472	452	432	411	387	361	333	308	285	261	232
-67.5°	409	391	372	350	329	307	286	266	245	222	196
-70°	351	335	318	299	280	260	242	223	202	183	163
-72.5°	297	284	269	252	234	217	200	184	167	149	132
-75°	244	233	221	206	192	177	163	149	135	122	108
-77.5°	192	183	173	162	151	140	129	118	106	95	84
-80°	142	136	129	121	113	104	96	86	77	69	61
-82.5°	98	95	91	84	78	71	65	58	52	46	40
-85°	59	56	54	50	46	41	37	33	30	26	22
-87.5°	23	22	22	20	18	17	15	13	12	10	9
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA6B-735-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°	4	3	1	2	1	0	0	2	1	0	0
57.5°	10	7	4	3	3	1	1	2	3	1	0
55°	20	14	9	5	5	4	2	2	4	3	0
52.5°	39	26	18	9	6	6	4	3	4	4	2
50°	63	44	30	19	8	7	6	4	5	6	3
47.5°	92	67	47	31	18	9	8	5	5	6	5
45°	117	95	67	46	30	18	12	6	6	6	6
42.5°	141	121	93	61	43	27	16	10	6	6	6
40°	171	145	119	85	58	36	24	15	6	6	6
37.5°	201	172	142	109	75	50	31	20	9	7	6
35°	233	200	164	130	94	64	38	26	15	9	6
32.5°	263	227	187	150	112	79	49	33	20	11	6
30°	297	251	209	170	129	94	62	40	26	14	7
27.5°	331	275	229	188	146	108	76	48	31	17	8
25°	362	302	250	205	163	123	89	57	37	22	10
22.5°	391	330	270	221	182	137	101	68	43	26	13
20°	421	357	290	242	199	153	113	78	50	30	15
17.5°	451	383	317	264	216	168	124	87	57	33	18
15°	481	410	342	284	232	181	135	96	64	37	21
12.5°	507	433	364	303	248	194	145	104	70	40	24
10°	530	455	383	321	264	205	154	111	77	44	27
7.5°	549	473	399	336	278	215	163	117	83	47	29
5°	565	488	412	348	288	226	170	124	88	50	32
2.5°	575	497	423	357	297	235	177	129	93	52	34
0°	582	504	431	364	303	243	182	133	97	55	36
-2.5°	589	510	439	372	310	251	188	137	101	60	37
-5°	593	514	445	377	316	257	192	140	103	65	38
-7.5°	596	518	449	381	320	261	195	143	106	69	38
-10°	596	521	453	385	323	264	198	144	107	72	38
-12.5°	594	522	454	386	324	265	201	148	109	74	39
-15°	589	521	453	386	324	265	204	151	110	74	39
-17.5°	582	518	450	382	323	264	205	152	111	74	40
-20°	576	512	444	377	320	263	204	152	111	73	42

Classified

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

Scaled Data Report



REPORT NUMBER: P627814 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-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°	568	502	436	371	316	261	203	150	109	71	44
-25°	556	491	427	366	311	258	200	146	107	69	45
-27.5°	541	477	417	360	306	253	195	142	104	67	45
-30°	523	464	407	352	298	245	187	138	100	66	45
-32.5°	504	451	397	341	289	237	178	132	97	66	45
-35°	487	437	384	329	278	226	171	126	93	65	44
-37.5°	467	420	367	315	267	215	165	122	89	64	43
-40°	448	401	348	301	254	203	159	119	86	62	42
-42.5°	428	380	333	288	241	195	152	115	84	60	40
-45°	405	360	318	273	228	186	145	109	80	57	38
-47.5°	383	343	300	257	217	176	138	104	75	55	37
-50°	365	324	281	240	203	165	128	96	71	52	34
-52.5°	342	301	260	222	188	153	118	88	67	48	32
-55°	315	276	238	204	172	139	107	82	62	44	29
-57.5°	287	249	217	186	155	123	96	75	56	40	27
-60°	259	227	197	166	136	109	87	67	51	36	24
-62.5°	233	204	174	145	119	96	76	60	44	32	22
-65°	203	176	149	125	103	84	67	52	40	29	19
-67.5°	171	148	127	106	88	72	58	46	35	25	18
-70°	142	123	105	88	73	60	50	40	30	22	16
-72.5°	117	101	84	70	60	50	42	33	25	19	14
-75°	94	80	68	57	49	41	34	27	20	15	12
-77.5°	73	62	53	45	39	32	26	20	15	12	10
-80°	53	46	40	35	29	24	19	14	12	9	8
-82.5°	35	32	28	25	21	16	13	9	8	6	5
-85°	20	18	16	15	12	9	7	5	5	4	4
-87.5°	8	8	7	7	6	5	4	3	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA6B-735-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	3	0	0	0	0	0
40°	5	3	0	0	0	0	0
37.5°	5	4	1	0	0	0	0
35°	6	5	2	0	0	0	0
32.5°	6	5	2	0	0	0	0
30°	6	6	3	0	0	0	0
27.5°	6	6	3	0	0	0	0
25°	6	6	4	0	0	0	0
22.5°	6	6	4	0	0	0	0
20°	6	6	5	0	0	0	0
17.5°	6	6	5	0	0	0	0
15°	7	6	5	0	0	0	0
12.5°	8	6	6	0	0	0	0
10°	9	6	6	0	0	0	0
7.5°	10	6	6	0	0	0	0
5°	10	6	6	0	0	0	0
2.5°	11	6	6	0	0	0	0
0°	12	6	6	0	0	0	0
-2.5°	14	7	6	0	0	0	0
-5°	17	7	6	1	0	0	0
-7.5°	19	8	6	1	0	0	0
-10°	21	9	6	2	0	0	0
-12.5°	22	9	6	2	0	0	0
-15°	23	9	6	2	0	0	0
-17.5°	24	10	6	2	0	0	0
-20°	24	10	6	3	0	0	0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	25	10	6	3	0	0	0
-25°	25	10	6	3	0	0	0
-27.5°	25	11	6	3	0	0	0
-30°	25	12	6	3	0	0	0
-32.5°	25	12	7	3	0	0	0
-35°	25	12	7	2	0	0	0
-37.5°	25	12	8	2	0	0	0
-40°	24	13	8	2	0	0	0
-42.5°	24	13	8	1	0	0	0
-45°	23	13	8	1	0	0	0
-47.5°	21	13	7	1	0	0	0
-50°	21	13	7	1	0	0	0
-52.5°	20	12	6	1	0	0	0
-55°	19	12	6	1	0	0	0
-57.5°	17	11	5	1	0	0	0
-60°	16	10	4	1	0	0	0
-62.5°	15	9	4	1	0	0	0
-65°	14	8	4	1	0	0	0
-67.5°	12	8	4	1	0	0	0
-70°	11	7	4	1	0	0	0
-72.5°	10	6	3	1	0	0	0
-75°	9	6	3	1	0	0	0
-77.5°	8	5	3	1	0	0	0
-80°	6	4	2	1	0	0	0
-82.5°	5	3	2	1	0	0	0
-85°	3	2	1	0	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)