

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: P627874 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-735-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627874 (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-SA6C-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

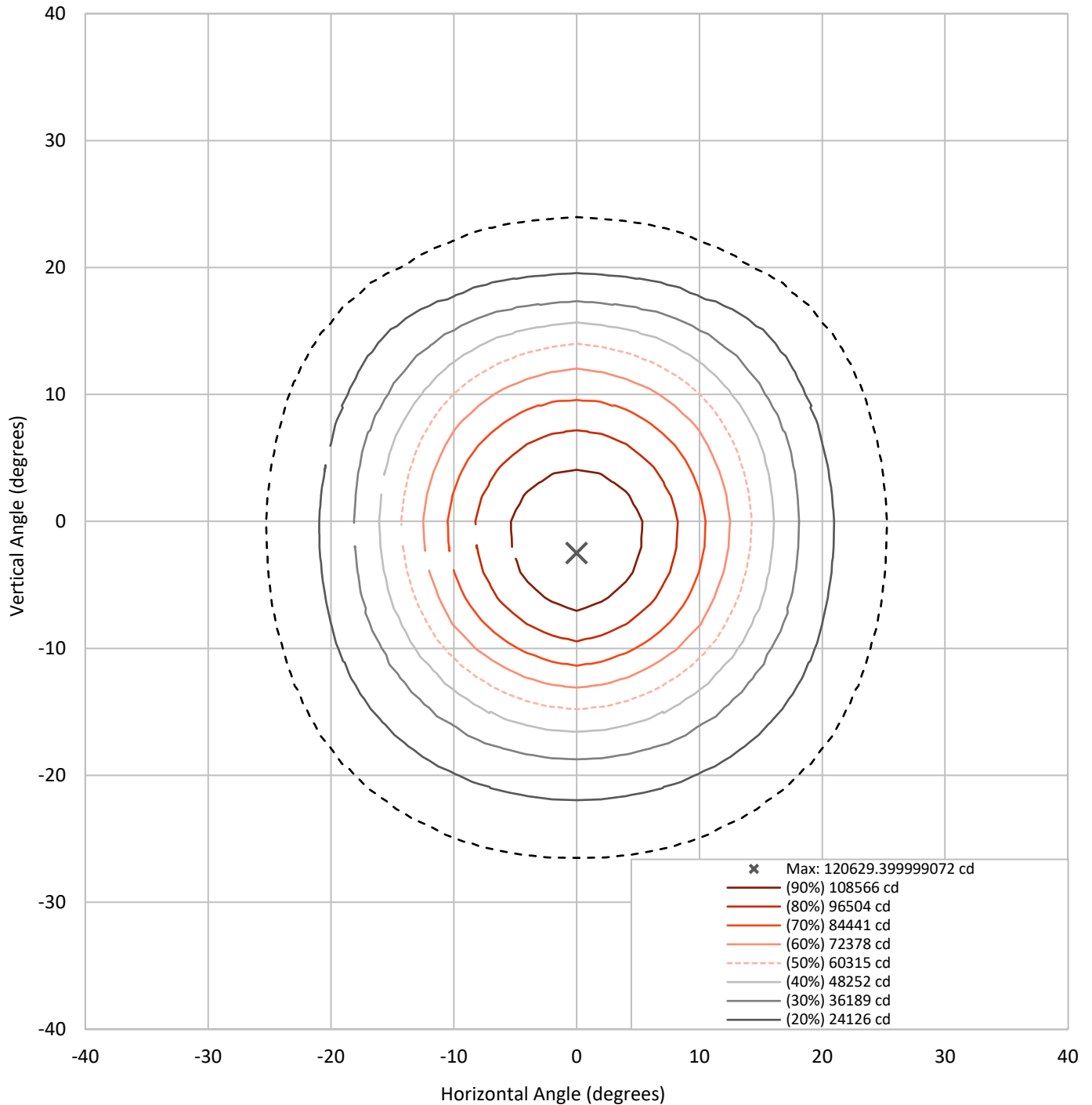
Lumens per Lamp: N/A
Luminaire Lumens: 34213.1 lumens
Efficiency: N/A
Efficacy: 138.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
NEMA Type: 4H x 4V
Max Intensity: 120629.4 candela
Max Intensity Angle: 0°H x -2.5°V
Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 17106.9 lumens
Beam Efficiency: 50.0%
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 29395.4 lumens
Field Efficiency: 85.9%

Input Watts (W): 247.5
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: P627874 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-735-U-MR-VSR-XX

Iso-Candela Plot





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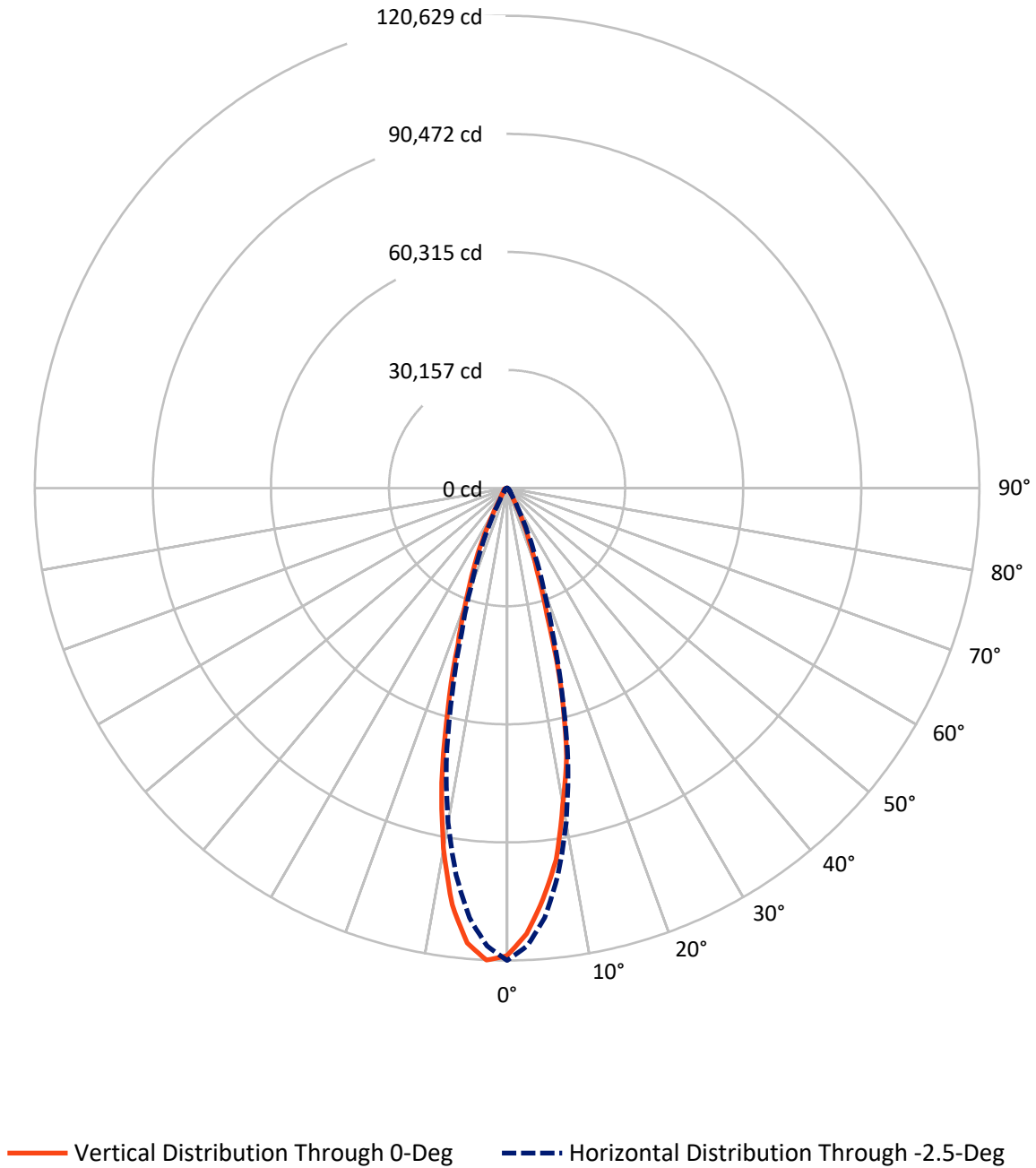
CATALOG NUMBER: GFLD-SA6C-735-U-MR-VSR-XX

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	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0			
50		0.0	0.2	1.0	2.3	3.9	5.4	6.5	6.5	5.4	3.9	2.3	1.0	0.2	0.0				
40	0.1	0.2	1.2	3.7	7.2	11.1	15.5	18.2	18.2	15.5	11.1	7.2	3.7	1.2	0.2	0.1			
30		0.5	2.9	7.3	13.5	22.1	36.9	49.2	49.2	36.9	22.1	13.5	7.3	2.9	0.5				
20	0.3	1.1	4.6	11.2	21.3	51.7	162.4	297.8	297.8	162.4	51.7	21.3	11.2	4.6	1.1	0.3			
10		1.7	6.4	15.2	36.4	178.2	724.5	1418.7	1418.7	724.5	178.2	36.4	15.2	6.4	1.7				
0	0.5	2.2	7.7	18.1	52.2	339.6	1463.0	2867.5	2867.5	1463.0	339.6	52.2	18.1	7.7	2.2	0.5			
-10		2.5	8.4	19.1	55.8	355.8	1501.1	3040.6	3040.6	1501.1	355.8	55.8	19.1	8.4	2.5				
-20	0.6	2.6	8.6	18.6	45.9	218.5	830.1	1609.1	1609.1	830.1	218.5	45.9	18.6	8.6	2.6	0.6			
-30		2.6	8.2	17.0	33.6	84.8	257.1	458.7	458.7	257.1	84.8	33.6	17.0	8.2	2.6				
-40	0.6	2.2	7.3	14.8	25.5	41.9	68.3	91.4	91.4	68.3	41.9	25.5	14.8	7.3	2.2	0.6			
-50		1.9	6.0	12.2	20.1	28.8	38.0	42.6	42.6	38.0	28.8	20.1	12.2	6.0	1.9				
-60	0.4	1.4	4.5	9.5	15.7	21.9	27.4	29.8	29.8	27.4	21.9	15.7	9.5	4.5	1.4	0.4			
-70		0.9	2.8	6.2	10.5	14.9	18.7	20.7	20.7	18.7	14.9	10.5	6.2	2.8	0.9				
-80	0.1	2.2	10.1	21.8	27.6	21.8	10.1	2.2	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

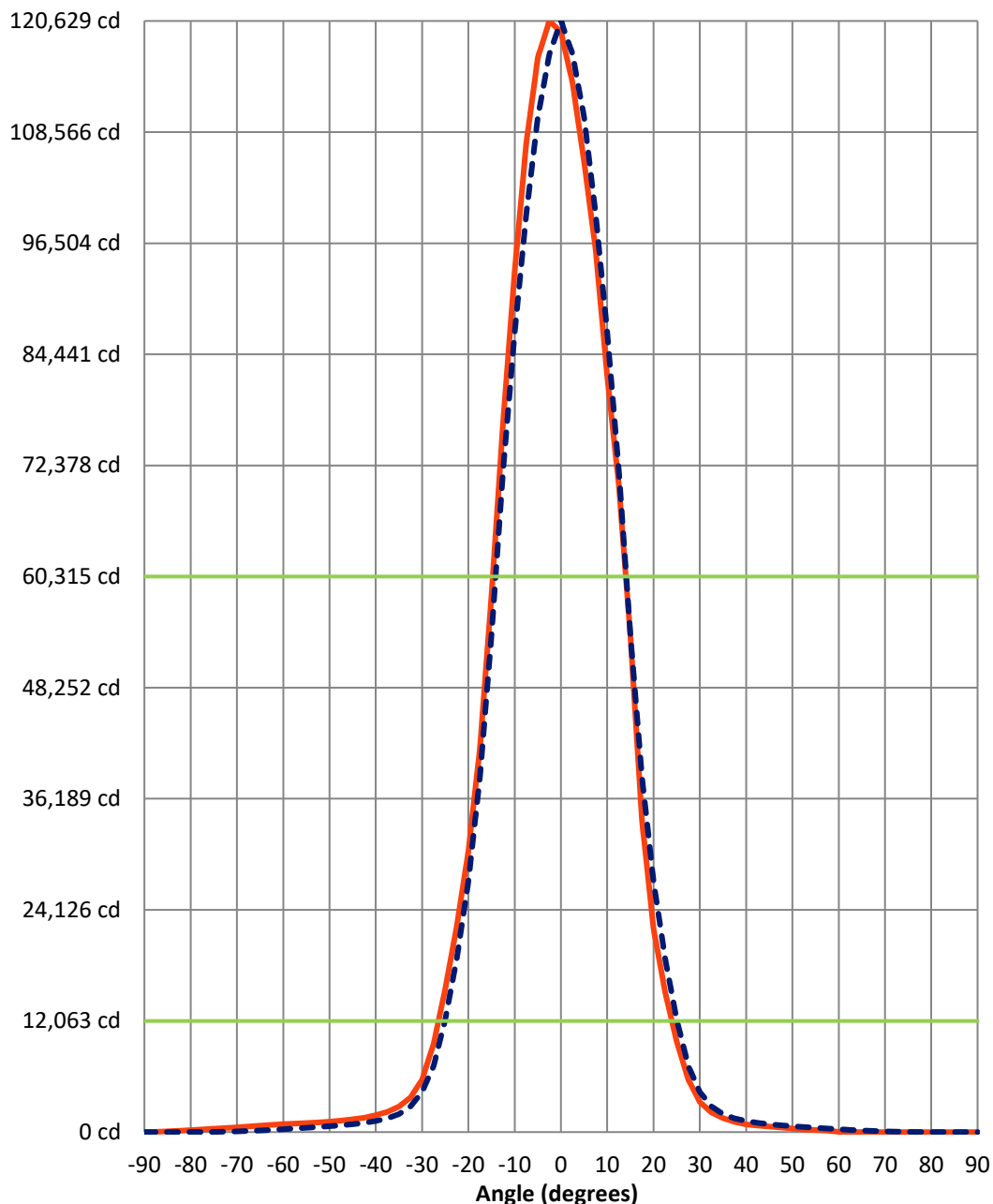
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 17106.9
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 29395.4
 Efficiency: 85.9%

Spill:
 Lumens: 4817.7
 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	1	3	3
55°	0	0	0	0	0	0	1	0	3	5	3
52.5°	0	0	0	0	0	0	1	2	5	5	4
50°	0	0	0	0	0	1	2	4	7	6	5
47.5°	0	0	0	0	0	2	3	6	8	6	7
45°	0	0	0	0	0	2	4	7	8	7	7
42.5°	0	0	0	0	0	3	5	8	8	7	12
40°	0	0	0	0	0	4	6	8	8	8	18
37.5°	0	0	0	0	1	5	7	8	9	11	25
35°	0	0	0	0	2	6	7	8	11	18	33
32.5°	0	0	0	0	3	7	8	8	14	25	41
30°	0	0	0	0	3	7	8	8	17	32	51
27.5°	0	0	0	0	4	7	8	10	22	38	60
25°	0	0	0	0	5	7	8	13	27	46	71
22.5°	0	0	0	0	5	8	8	16	32	54	85
20°	0	0	0	0	6	8	8	19	37	63	98
17.5°	0	0	0	0	6	8	8	22	42	71	109
15°	0	0	0	0	7	8	9	26	46	80	120
12.5°	0	0	0	0	7	8	10	30	50	88	130
10°	0	0	0	0	7	8	11	33	55	96	139
7.5°	0	0	0	0	7	8	12	37	59	103	147
5°	0	0	0	0	7	8	13	40	62	110	155
2.5°	0	0	0	0	8	8	14	43	65	116	161
0°	0	0	0	0	8	8	15	46	68	121	167
-2.5°	0	0	0	0	8	8	18	47	75	126	172
-5°	0	0	0	1	8	9	21	47	81	129	176
-7.5°	0	0	0	1	7	10	24	48	86	132	179
-10°	0	0	0	2	7	11	26	48	90	134	181
-12.5°	0	0	0	2	7	11	28	48	93	136	185
-15°	0	0	0	3	7	12	29	49	93	138	188
-17.5°	0	0	0	3	7	12	30	50	92	139	190
-20°	0	0	0	3	7	12	31	53	91	139	190

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CATALOG NUMBER: GFLD-SA6C-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	7	12	31	55	89	137	187
-25°	0	0	0	3	7	13	32	56	87	134	182
-27.5°	0	0	0	3	7	14	32	57	84	130	178
-30°	0	0	0	3	8	15	31	57	83	126	173
-32.5°	0	0	0	3	8	15	31	56	83	121	166
-35°	0	0	0	3	9	15	31	55	82	116	157
-37.5°	0	0	0	3	10	16	31	54	80	111	153
-40°	0	0	0	2	10	16	31	52	77	108	149
-42.5°	0	0	0	2	10	17	30	50	75	105	144
-45°	0	0	0	1	9	17	29	48	72	100	137
-47.5°	0	0	0	1	9	16	27	46	69	94	130
-50°	0	0	0	1	8	16	26	43	65	89	121
-52.5°	0	0	0	1	8	15	25	40	60	84	111
-55°	0	0	0	2	7	15	23	36	55	77	103
-57.5°	0	0	0	2	6	14	22	33	50	70	93
-60°	0	0	0	2	6	13	20	30	45	63	84
-62.5°	0	0	0	2	5	12	18	27	40	56	75
-65°	0	0	0	2	5	10	17	24	36	50	65
-67.5°	0	0	0	2	5	9	16	22	31	44	57
-70°	0	0	0	2	5	9	14	20	27	37	50
-72.5°	0	0	0	1	4	8	13	17	23	31	42
-75°	0	0	0	1	4	7	11	15	19	25	33
-77.5°	0	0	0	1	3	6	9	12	15	19	25
-80°	0	0	0	1	3	5	8	9	12	14	18
-82.5°	0	0	0	1	2	4	6	7	8	10	12
-85°	0	0	0	0	1	2	4	5	5	6	6
-87.5°	0	0	0	0	1	1	2	2	3	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA6C-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	2	1	2	3
60°	1	0	1	2	2	3	4	6	7	7	15
57.5°	1	2	4	4	5	9	12	14	24	35	42
55°	2	5	6	6	11	18	24	38	51	66	80
52.5°	5	8	7	12	22	33	48	67	86	101	114
50°	7	9	10	24	38	55	79	103	121	135	157
47.5°	10	12	23	39	58	84	115	136	153	181	212
45°	14	22	37	58	84	119	146	166	196	228	261
42.5°	20	34	54	76	117	151	177	206	237	274	309
40°	30	45	73	107	148	181	214	246	279	322	359
37.5°	39	63	93	136	178	215	252	289	330	374	417
35°	48	80	118	162	206	250	291	334	384	432	482
32.5°	61	98	140	188	235	284	329	384	436	489	550
30°	78	117	162	212	262	314	372	433	485	545	610
27.5°	95	135	183	236	287	344	414	475	531	596	667
25°	111	153	204	257	313	378	453	515	575	647	730
22.5°	126	171	227	276	338	413	490	560	628	698	796
20°	141	191	249	303	363	447	527	605	684	773	883
17.5°	156	210	270	330	397	480	565	651	739	849	985
15°	169	227	291	356	428	513	602	697	800	927	1083
12.5°	182	242	311	379	456	542	635	734	853	1005	1199
10°	193	256	330	401	479	569	663	766	894	1059	1285
7.5°	204	270	348	421	500	592	688	795	929	1103	1355
5°	213	283	361	435	516	611	707	818	957	1139	1410
2.5°	221	294	371	447	529	622	720	833	976	1172	1453
0°	228	304	380	456	539	630	729	843	987	1200	1481
-2.5°	235	314	388	465	550	638	738	852	1000	1208	1488
-5°	241	322	395	472	557	643	742	856	1007	1209	1491
-7.5°	245	327	400	477	563	648	746	860	1010	1207	1490
-10°	247	330	404	482	567	652	746	858	1005	1195	1465
-12.5°	252	332	406	484	569	653	743	851	991	1171	1418
-15°	255	332	406	483	567	652	737	838	969	1142	1357
-17.5°	256	331	404	479	563	649	729	825	948	1109	1314
-20°	256	329	400	472	556	641	721	815	928	1072	1256

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CATALOG NUMBER: GFLD-SA6C-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°
-22.5°	254	327	395	465	546	629	711	798	904	1025	1190
-25°	250	323	390	459	534	614	696	777	877	993	1133
-27.5°	244	317	383	450	522	597	677	757	848	954	1075
-30°	235	307	374	440	510	581	655	735	817	915	1026
-32.5°	223	296	362	427	496	565	631	708	788	872	972
-35°	214	283	348	411	481	547	610	677	755	835	919
-37.5°	207	269	334	394	460	525	585	648	718	795	872
-40°	199	255	318	377	436	502	561	618	681	756	829
-42.5°	190	244	302	360	416	475	536	590	650	718	788
-45°	182	233	286	342	398	450	507	565	622	682	748
-47.5°	172	220	271	321	376	430	479	534	593	650	708
-50°	161	207	254	301	352	406	457	504	557	615	671
-52.5°	148	192	235	278	326	376	429	478	524	573	627
-55°	134	174	215	256	298	345	395	444	493	537	584
-57.5°	121	154	194	233	272	312	359	407	453	499	545
-60°	108	137	170	208	247	284	324	368	412	455	497
-62.5°	96	121	149	181	218	255	292	330	370	407	444
-65°	84	105	129	157	187	220	255	291	327	357	386
-67.5°	72	90	110	132	159	186	213	245	278	306	333
-70°	62	75	91	110	131	154	178	203	229	253	279
-72.5°	52	63	75	87	106	126	146	165	187	208	230
-75°	42	51	61	72	85	100	117	135	152	169	186
-77.5°	32	41	49	56	66	78	91	105	119	133	148
-80°	23	30	37	44	51	58	67	76	86	97	108
-82.5°	16	21	26	31	35	40	44	50	57	65	73
-85°	9	11	15	18	21	23	25	28	32	37	42
-87.5°	4	6	7	9	9	10	10	11	13	15	17
-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	2	1	0	0
62.5°	2	3	6	8	9	9	10	10	10	10	10
60°	19	19	29	35	34	26	37	43	41	35	35
57.5°	53	66	77	80	90	106	111	109	110	115	129
55°	93	103	111	126	142	156	168	176	185	194	206
52.5°	127	145	157	173	193	205	211	232	251	265	274
50°	181	199	219	240	260	278	293	314	339	365	381
47.5°	237	260	286	317	339	357	376	405	439	470	489
45°	290	317	349	379	404	428	458	493	528	559	583
42.5°	337	368	401	435	458	496	537	573	616	656	686
40°	391	421	471	506	536	576	636	690	741	789	820
37.5°	457	508	561	603	643	694	777	859	924	989	1035
35°	535	595	662	708	769	862	966	1079	1192	1283	1364
32.5°	609	676	744	818	910	1043	1173	1354	1521	1693	1855
30°	676	751	834	929	1078	1262	1474	1751	2052	2351	2693
27.5°	747	829	927	1079	1305	1556	1947	2383	3005	3506	4312
25°	823	916	1050	1292	1604	2045	2729	3507	4793	5892	7131
22.5°	916	1059	1248	1552	2073	2867	3930	5625	7600	9435	11184
20°	1030	1224	1548	2031	2778	3999	6016	8587	11333	14018	16613
17.5°	1181	1490	1951	2640	3699	6265	9266	12940	17643	21175	24525
15°	1319	1709	2407	3521	5515	8818	13012	18638	24969	30293	36314
12.5°	1482	1953	2795	4239	7089	11456	16802	23511	31004	39085	48517
10°	1624	2203	3287	5275	8732	13813	19804	27680	37304	48738	60659
7.5°	1734	2412	3697	6051	10115	15747	22894	32472	44661	58025	71621
5°	1819	2574	4020	6659	11292	17317	25148	36263	50157	65496	79016
2.5°	1885	2687	4233	7034	12087	18390	26690	38279	53521	70374	84569
0°	1937	2757	4352	7299	12456	18897	27404	39093	55097	72763	87362
-2.5°	1955	2794	4358	7207	12231	18866	27237	38594	54009	71815	86769
-5°	1961	2775	4248	7016	11833	18190	26147	36698	50689	67390	82545
-7.5°	1947	2701	4025	6546	10938	16995	24624	33885	45353	60078	75742
-10°	1894	2571	3723	5908	9706	15131	22253	30078	39239	51260	63954
-12.5°	1799	2378	3307	4953	8256	13021	19328	26245	33385	41285	51725
-15°	1686	2179	2967	4374	6913	10804	15912	21754	27680	33729	40098
-17.5°	1600	2007	2618	3600	5308	8454	12538	17233	22041	26845	31134
-20°	1490	1801	2279	3042	4282	6144	9216	12869	16461	20379	23666

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REPORT NUMBER: P627874 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	1393	1657	2014	2495	3329	4640	6391	8963	11692	14537	17237
-25°	1301	1500	1784	2170	2668	3448	4604	5949	7865	9615	11619
-27.5°	1223	1390	1583	1869	2246	2673	3383	4167	5172	6006	7344
-30°	1148	1281	1440	1624	1901	2226	2607	3083	3574	4067	4708
-32.5°	1078	1190	1314	1463	1634	1878	2115	2420	2689	2985	3290
-35°	1009	1108	1211	1329	1461	1621	1799	2001	2180	2358	2518
-37.5°	950	1033	1123	1216	1321	1433	1572	1715	1835	1951	2050
-40°	900	969	1043	1121	1205	1296	1404	1509	1590	1666	1729
-42.5°	854	915	974	1040	1110	1193	1277	1357	1413	1465	1506
-45°	811	864	917	971	1029	1101	1173	1236	1279	1319	1349
-47.5°	764	812	861	910	966	1023	1081	1128	1166	1200	1223
-50°	719	766	810	851	900	952	1002	1041	1076	1105	1121
-52.5°	675	720	764	806	846	886	926	964	998	1029	1040
-55°	632	676	716	755	794	832	868	900	931	961	970
-57.5°	590	635	677	708	742	776	810	842	872	898	908
-60°	541	587	624	655	687	719	748	778	807	833	844
-62.5°	484	526	559	589	618	646	673	700	726	748	760
-65°	417	452	485	514	541	566	591	615	637	654	664
-67.5°	358	384	412	438	465	490	513	534	553	567	576
-70°	302	326	350	374	398	420	440	459	476	489	498
-72.5°	251	272	293	315	336	355	372	388	404	415	424
-75°	204	221	240	258	277	292	306	319	332	341	349
-77.5°	162	175	189	203	217	229	240	251	261	269	275
-80°	120	131	141	152	161	170	178	187	195	202	208
-82.5°	81	89	97	106	114	119	123	127	131	136	142
-85°	47	52	57	62	67	71	74	77	80	83	86
-87.5°	19	21	23	25	28	28	29	29	29	32	34
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627874 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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	2
62.5°	9	8	8	8	8	8	9	10	10	10	10
60°	33	30	30	30	30	30	33	35	35	41	43
57.5°	142	152	158	160	158	152	142	129	115	110	109
55°	215	223	224	220	224	223	215	206	194	185	176
52.5°	278	279	277	273	277	279	278	274	265	251	232
50°	386	385	385	387	385	385	386	381	365	339	314
47.5°	497	502	504	501	504	502	497	489	470	439	405
45°	593	601	603	600	603	601	593	583	559	528	493
42.5°	697	702	704	706	704	702	697	686	656	616	573
40°	834	839	838	836	838	839	834	820	789	741	690
37.5°	1066	1082	1089	1109	1089	1082	1066	1035	989	924	859
35°	1427	1466	1487	1519	1487	1466	1427	1364	1283	1192	1079
32.5°	1971	2050	2092	2134	2092	2050	1971	1855	1693	1521	1354
30°	2929	3086	3149	3266	3149	3086	2929	2693	2351	2052	1751
27.5°	4904	5275	5421	5727	5421	5275	4904	4312	3506	3005	2383
25°	8260	9060	9502	9851	9502	9060	8260	7131	5892	4793	3507
22.5°	12949	14123	14750	15214	14750	14123	12949	11184	9435	7600	5625
20°	18966	20515	21439	22110	21439	20515	18966	16613	14018	11333	8587
17.5°	28825	31259	32683	33906	32683	31259	28825	24525	21175	17643	12940
15°	43033	47925	51726	53843	51726	47925	43033	36314	30293	24969	18638
12.5°	56855	64019	68276	70234	68276	64019	56855	48517	39085	31004	23511
10°	70524	77280	81330	82045	81330	77280	70524	60659	48738	37304	27680
7.5°	80989	88418	93800	95755	93800	88418	80989	71621	58025	44661	32472
5°	90232	98931	104626	105348	104626	98931	90232	79016	65496	50157	36263
2.5°	97030	106487	112009	113908	112009	106487	97030	84569	70374	53521	38279
0°	100319	110505	116649	119414	116649	110505	100319	87362	72763	55097	39093
-2.5°	99627	110162	117021	120629	117021	110162	99627	86769	71815	54009	38594
-5°	95839	106405	112800	116634	112800	106405	95839	82545	67390	50689	36698
-7.5°	87104	96984	103792	107330	103792	96984	87104	75742	60078	45353	33885
-10°	75848	84210	90415	93430	90415	84210	75848	63954	51260	39239	30078
-12.5°	61221	69332	74930	77062	74930	69332	61221	51725	41285	33385	26245
-15°	46906	53096	57073	58332	57073	53096	46906	40098	33729	27680	21754
-17.5°	35571	38904	41141	41744	41141	38904	35571	31134	26845	22041	17233
-20°	26650	28715	30167	30511	30167	28715	26650	23666	20379	16461	12869

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CATALOG NUMBER: GFLD-SA6C-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°	19417	20970	22142	22376	22142	20970	19417	17237	14537	11692	8963
-25°	13394	14692	15488	15548	15488	14692	13394	11619	9615	7865	5949
-27.5°	8397	9110	9478	9608	9478	9110	8397	7344	6006	5172	4167
-30°	5189	5518	5691	5697	5691	5518	5189	4708	4067	3574	3083
-32.5°	3522	3681	3768	3767	3768	3681	3522	3290	2985	2689	2420
-35°	2639	2721	2767	2772	2767	2721	2639	2518	2358	2180	2001
-37.5°	2122	2167	2191	2195	2191	2167	2122	2050	1951	1835	1715
-40°	1774	1806	1825	1838	1825	1806	1774	1729	1666	1590	1509
-42.5°	1534	1555	1564	1557	1564	1555	1534	1506	1465	1413	1357
-45°	1367	1379	1387	1390	1387	1379	1367	1349	1319	1279	1236
-47.5°	1234	1240	1243	1246	1243	1240	1234	1223	1200	1166	1128
-50°	1129	1134	1135	1132	1135	1134	1129	1121	1105	1076	1041
-52.5°	1044	1046	1047	1048	1047	1046	1044	1040	1029	998	964
-55°	975	977	979	980	979	977	975	970	961	931	900
-57.5°	916	923	923	919	923	923	916	908	898	872	842
-60°	854	861	865	866	865	861	854	844	833	807	778
-62.5°	770	777	781	782	781	777	770	760	748	726	700
-65°	673	680	689	699	689	680	673	664	654	637	615
-67.5°	584	589	599	608	599	589	584	576	567	553	534
-70°	507	514	516	517	516	514	507	498	489	476	459
-72.5°	431	438	440	441	440	438	431	424	415	404	388
-75°	356	363	364	365	364	363	356	349	341	332	319
-77.5°	282	287	288	289	288	287	282	275	269	261	251
-80°	214	219	216	213	216	219	214	208	202	195	187
-82.5°	146	151	148	144	148	151	146	142	136	131	127
-85°	88	91	87	84	87	91	88	86	83	80	77
-87.5°	36	38	34	30	34	38	36	34	32	29	29
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627874 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	10	9	9	8	6	3	2	3	2	1	2
60°	37	26	34	35	29	19	19	15	7	7	6
57.5°	111	106	90	80	77	66	53	42	35	24	14
55°	168	156	142	126	111	103	93	80	66	51	38
52.5°	211	205	193	173	157	145	127	114	101	86	67
50°	293	278	260	240	219	199	181	157	135	121	103
47.5°	376	357	339	317	286	260	237	212	181	153	136
45°	458	428	404	379	349	317	290	261	228	196	166
42.5°	537	496	458	435	401	368	337	309	274	237	206
40°	636	576	536	506	471	421	391	359	322	279	246
37.5°	777	694	643	603	561	508	457	417	374	330	289
35°	966	862	769	708	662	595	535	482	432	384	334
32.5°	1173	1043	910	818	744	676	609	550	489	436	384
30°	1474	1262	1078	929	834	751	676	610	545	485	433
27.5°	1947	1556	1305	1079	927	829	747	667	596	531	475
25°	2729	2045	1604	1292	1050	916	823	730	647	575	515
22.5°	3930	2867	2073	1552	1248	1059	916	796	698	628	560
20°	6016	3999	2778	2031	1548	1224	1030	883	773	684	605
17.5°	9266	6265	3699	2640	1951	1490	1181	985	849	739	651
15°	13012	8818	5515	3521	2407	1709	1319	1083	927	800	697
12.5°	16802	11456	7089	4239	2795	1953	1482	1199	1005	853	734
10°	19804	13813	8732	5275	3287	2203	1624	1285	1059	894	766
7.5°	22894	15747	10115	6051	3697	2412	1734	1355	1103	929	795
5°	25148	17317	11292	6659	4020	2574	1819	1410	1139	957	818
2.5°	26690	18390	12087	7034	4233	2687	1885	1453	1172	976	833
0°	27404	18897	12456	7299	4352	2757	1937	1481	1200	987	843
-2.5°	27237	18866	12231	7207	4358	2794	1955	1488	1208	1000	852
-5°	26147	18190	11833	7016	4248	2775	1961	1491	1209	1007	856
-7.5°	24624	16995	10938	6546	4025	2701	1947	1490	1207	1010	860
-10°	22253	15131	9706	5908	3723	2571	1894	1465	1195	1005	858
-12.5°	19328	13021	8256	4953	3307	2378	1799	1418	1171	991	851
-15°	15912	10804	6913	4374	2967	2179	1686	1357	1142	969	838
-17.5°	12538	8454	5308	3600	2618	2007	1600	1314	1109	948	825
-20°	9216	6144	4282	3042	2279	1801	1490	1256	1072	928	815

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REPORT NUMBER: P627874 (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°	6391	4640	3329	2495	2014	1657	1393	1190	1025	904	798
-25°	4604	3448	2668	2170	1784	1500	1301	1133	993	877	777
-27.5°	3383	2673	2246	1869	1583	1390	1223	1075	954	848	757
-30°	2607	2226	1901	1624	1440	1281	1148	1026	915	817	735
-32.5°	2115	1878	1634	1463	1314	1190	1078	972	872	788	708
-35°	1799	1621	1461	1329	1211	1108	1009	919	835	755	677
-37.5°	1572	1433	1321	1216	1123	1033	950	872	795	718	648
-40°	1404	1296	1205	1121	1043	969	900	829	756	681	618
-42.5°	1277	1193	1110	1040	974	915	854	788	718	650	590
-45°	1173	1101	1029	971	917	864	811	748	682	622	565
-47.5°	1081	1023	966	910	861	812	764	708	650	593	534
-50°	1002	952	900	851	810	766	719	671	615	557	504
-52.5°	926	886	846	806	764	720	675	627	573	524	478
-55°	868	832	794	755	716	676	632	584	537	493	444
-57.5°	810	776	742	708	677	635	590	545	499	453	407
-60°	748	719	687	655	624	587	541	497	455	412	368
-62.5°	673	646	618	589	559	526	484	444	407	370	330
-65°	591	566	541	514	485	452	417	386	357	327	291
-67.5°	513	490	465	438	412	384	358	333	306	278	245
-70°	440	420	398	374	350	326	302	279	253	229	203
-72.5°	372	355	336	315	293	272	251	230	208	187	165
-75°	306	292	277	258	240	221	204	186	169	152	135
-77.5°	240	229	217	203	189	175	162	148	133	119	105
-80°	178	170	161	152	141	131	120	108	97	86	76
-82.5°	123	119	114	106	97	89	81	73	65	57	50
-85°	74	71	67	62	57	52	47	42	37	32	28
-87.5°	29	28	28	25	23	21	19	17	15	13	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627874 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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	2	2	1	0	1	2	2	0	0
57.5°	12	9	5	4	4	2	1	3	3	1	0
55°	24	18	11	6	6	5	2	3	5	3	0
52.5°	48	33	22	12	7	8	5	4	5	5	2
50°	79	55	38	24	10	9	7	5	6	7	4
47.5°	115	84	58	39	23	12	10	7	6	8	6
45°	146	119	84	58	37	22	14	7	7	8	7
42.5°	177	151	117	76	54	34	20	12	7	8	8
40°	214	181	148	107	73	45	30	18	8	8	8
37.5°	252	215	178	136	93	63	39	25	11	9	8
35°	291	250	206	162	118	80	48	33	18	11	8
32.5°	329	284	235	188	140	98	61	41	25	14	8
30°	372	314	262	212	162	117	78	51	32	17	8
27.5°	414	344	287	236	183	135	95	60	38	22	10
25°	453	378	313	257	204	153	111	71	46	27	13
22.5°	490	413	338	276	227	171	126	85	54	32	16
20°	527	447	363	303	249	191	141	98	63	37	19
17.5°	565	480	397	330	270	210	156	109	71	42	22
15°	602	513	428	356	291	227	169	120	80	46	26
12.5°	635	542	456	379	311	242	182	130	88	50	30
10°	663	569	479	401	330	256	193	139	96	55	33
7.5°	688	592	500	421	348	270	204	147	103	59	37
5°	707	611	516	435	361	283	213	155	110	62	40
2.5°	720	622	529	447	371	294	221	161	116	65	43
0°	729	630	539	456	380	304	228	167	121	68	46
-2.5°	738	638	550	465	388	314	235	172	126	75	47
-5°	742	643	557	472	395	322	241	176	129	81	47
-7.5°	746	648	563	477	400	327	245	179	132	86	48
-10°	746	652	567	482	404	330	247	181	134	90	48
-12.5°	743	653	569	484	406	332	252	185	136	93	48
-15°	737	652	567	483	406	332	255	188	138	93	49
-17.5°	729	649	563	479	404	331	256	190	139	92	50
-20°	721	641	556	472	400	329	256	190	139	91	53

Classified

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

Scaled Data Report



REPORT NUMBER: P627874 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	711	629	546	465	395	327	254	187	137	89	55
-25°	696	614	534	459	390	323	250	182	134	87	56
-27.5°	677	597	522	450	383	317	244	178	130	84	57
-30°	655	581	510	440	374	307	235	173	126	83	57
-32.5°	631	565	496	427	362	296	223	166	121	83	56
-35°	610	547	481	411	348	283	214	157	116	82	55
-37.5°	585	525	460	394	334	269	207	153	111	80	54
-40°	561	502	436	377	318	255	199	149	108	77	52
-42.5°	536	475	416	360	302	244	190	144	105	75	50
-45°	507	450	398	342	286	233	182	137	100	72	48
-47.5°	479	430	376	321	271	220	172	130	94	69	46
-50°	457	406	352	301	254	207	161	121	89	65	43
-52.5°	429	376	326	278	235	192	148	111	84	60	40
-55°	395	345	298	256	215	174	134	103	77	55	36
-57.5°	359	312	272	233	194	154	121	93	70	50	33
-60°	324	284	247	208	170	137	108	84	63	45	30
-62.5°	292	255	218	181	149	121	96	75	56	40	27
-65°	255	220	187	157	129	105	84	65	50	36	24
-67.5°	213	186	159	132	110	90	72	57	44	31	22
-70°	178	154	131	110	91	75	62	50	37	27	20
-72.5°	146	126	106	87	75	63	52	42	31	23	17
-75°	117	100	85	72	61	51	42	33	25	19	15
-77.5°	91	78	66	56	49	41	32	25	19	15	12
-80°	67	58	51	44	37	30	23	18	14	12	9
-82.5°	44	40	35	31	26	21	16	12	10	8	7
-85°	25	23	21	18	15	11	9	6	6	5	5
-87.5°	10	10	9	9	7	6	4	3	3	3	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA6C-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°	3	2	0	0	0	0	0
45°	4	2	0	0	0	0	0
42.5°	5	3	0	0	0	0	0
40°	6	4	0	0	0	0	0
37.5°	7	5	1	0	0	0	0
35°	7	6	2	0	0	0	0
32.5°	8	7	3	0	0	0	0
30°	8	7	3	0	0	0	0
27.5°	8	7	4	0	0	0	0
25°	8	7	5	0	0	0	0
22.5°	8	8	5	0	0	0	0
20°	8	8	6	0	0	0	0
17.5°	8	8	6	0	0	0	0
15°	9	8	7	0	0	0	0
12.5°	10	8	7	0	0	0	0
10°	11	8	7	0	0	0	0
7.5°	12	8	7	0	0	0	0
5°	13	8	7	0	0	0	0
2.5°	14	8	8	0	0	0	0
0°	15	8	8	0	0	0	0
-2.5°	18	8	8	0	0	0	0
-5°	21	9	8	1	0	0	0
-7.5°	24	10	7	1	0	0	0
-10°	26	11	7	2	0	0	0
-12.5°	28	11	7	2	0	0	0
-15°	29	12	7	3	0	0	0
-17.5°	30	12	7	3	0	0	0
-20°	31	12	7	3	0	0	0

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CANDELA DISTRIBUTION (continued):

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