

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: P627976 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-727-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627976 (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-SA6E-727-U-MWR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

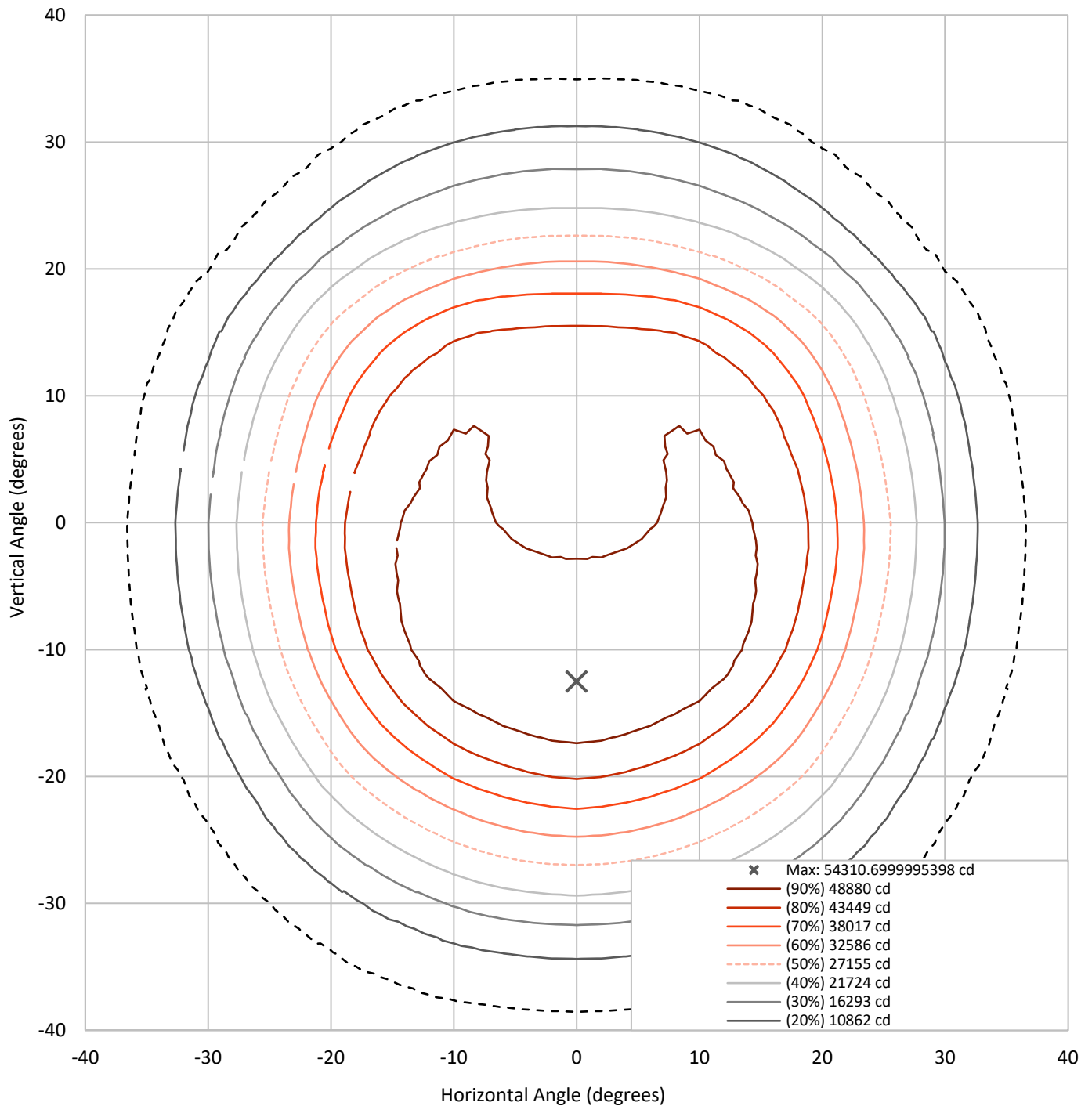
Lumens per Lamp:	N/A	NEMA Type:	4H x 5V
Luminaire Lumens:	38766 lumens	Max Intensity:	54310.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -12.5°V
Efficacy:	102.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	46.4°H x 49.6°V	Field Angle (10%):	69.9°H x 73.3°V
Beam Lumens:	25965.4 lumens	Field Lumens:	34941.6 lumens
Beam Efficiency:	67.0%	Field Efficiency:	90.1%

Input Watts (W): 376.7
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: P627976 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-727-U-MWR-VSR-XX

Iso-Candela Plot





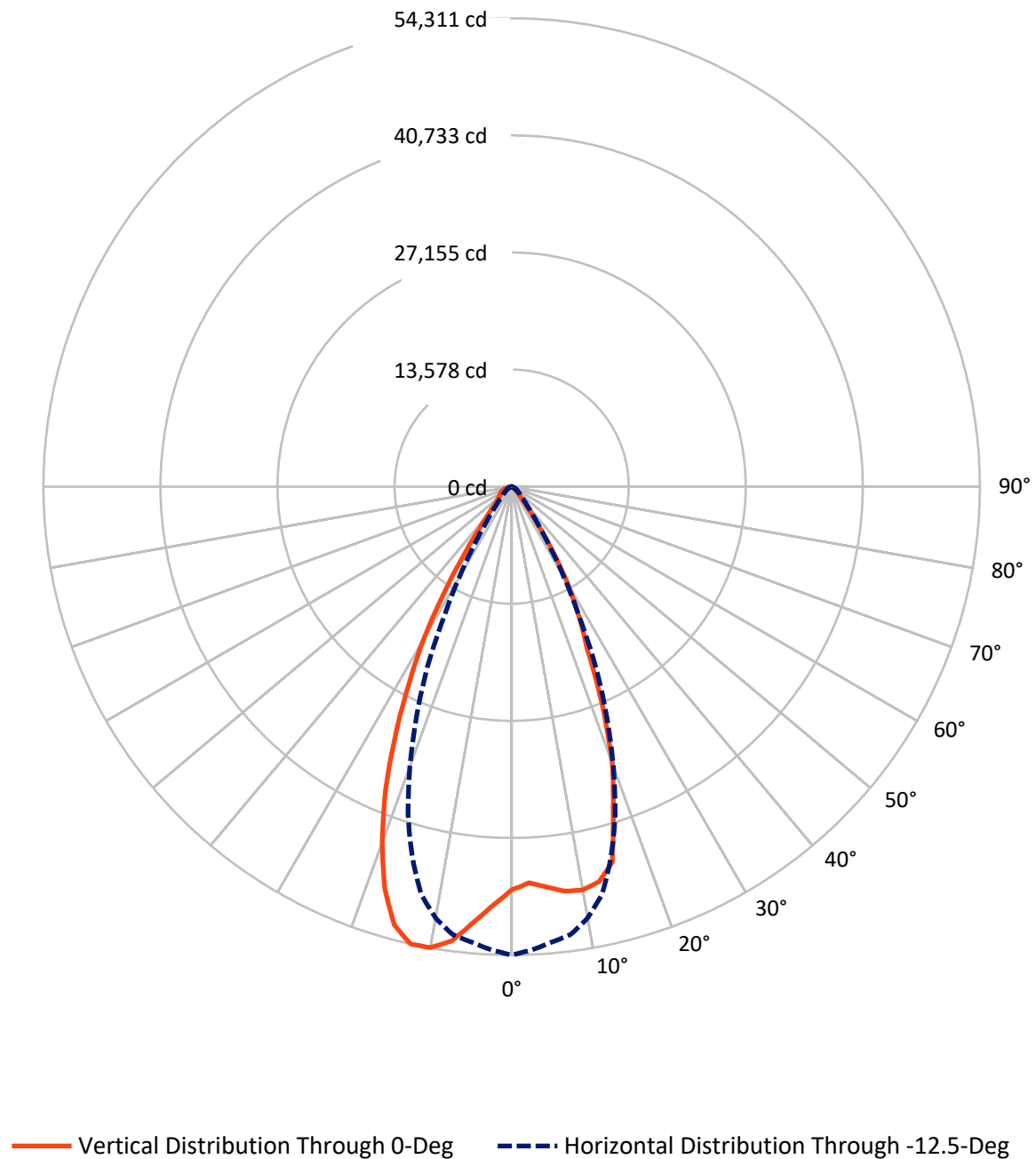
REPORT NUMBER: P627976 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	0.1	0.0	0.1	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.1	0.0				
50		0.1	0.3	1.3	3.2	5.3	7.4	8.6	8.6	7.4	5.3	3.2	1.3	0.3	0.1				
40	0.2	0.2	1.5	5.5	10.9	17.8	26.6	32.6	32.6	26.6	17.8	10.9	5.5	1.5	0.2				
30		0.7	4.3	11.2	23.3	50.3	114.4	174.7	174.7	114.4	50.3	23.3	11.2	4.3	0.7				
20	0.4	1.6	7.2	18.1	48.6	180.2	464.0	648.6	648.6	464.0	180.2	48.6	18.1	7.2	1.6				
10		2.6	10.1	28.0	115.7	500.4	1044.0	1292.6	1292.6	1044.0	500.4	115.7	28.0	10.1	2.6				
0	0.8	3.4	12.5	36.1	184.3	736.9	1346.1	1459.3	1459.3	1346.1	736.9	184.3	36.1	12.5	3.4				
-10		4.0	13.8	38.6	192.8	761.1	1394.5	1548.8	1548.8	1394.5	761.1	192.8	38.6	13.8	4.0				
-20	1.1	4.3	14.0	35.1	138.0	566.7	1176.4	1502.1	1502.1	1176.4	566.7	138.0	35.1	14.0	4.3				
-30		4.1	13.3	29.2	77.1	274.9	655.5	922.4	922.4	655.5	274.9	77.1	29.2	13.3	4.1				
-40	1.0	3.6	11.9	24.2	46.0	97.9	204.8	303.9	303.9	204.8	97.9	46.0	24.2	11.9	3.6				
-50		3.0	10.0	20.2	33.6	49.7	69.9	82.8	82.8	69.9	49.7	33.6	20.2	10.0	3.0				
-60	0.7	2.3	7.5	15.9	26.4	36.6	45.7	50.0	50.0	45.7	36.6	26.4	15.9	7.5	2.3				
-70		1.6	4.8	10.8	18.6	26.2	33.2	37.1	37.1	33.2	26.2	18.6	10.8	4.8	1.6				
-80	0.3	4.3	19.5	41.6	53.3	41.6	19.5	4.3	0.3										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

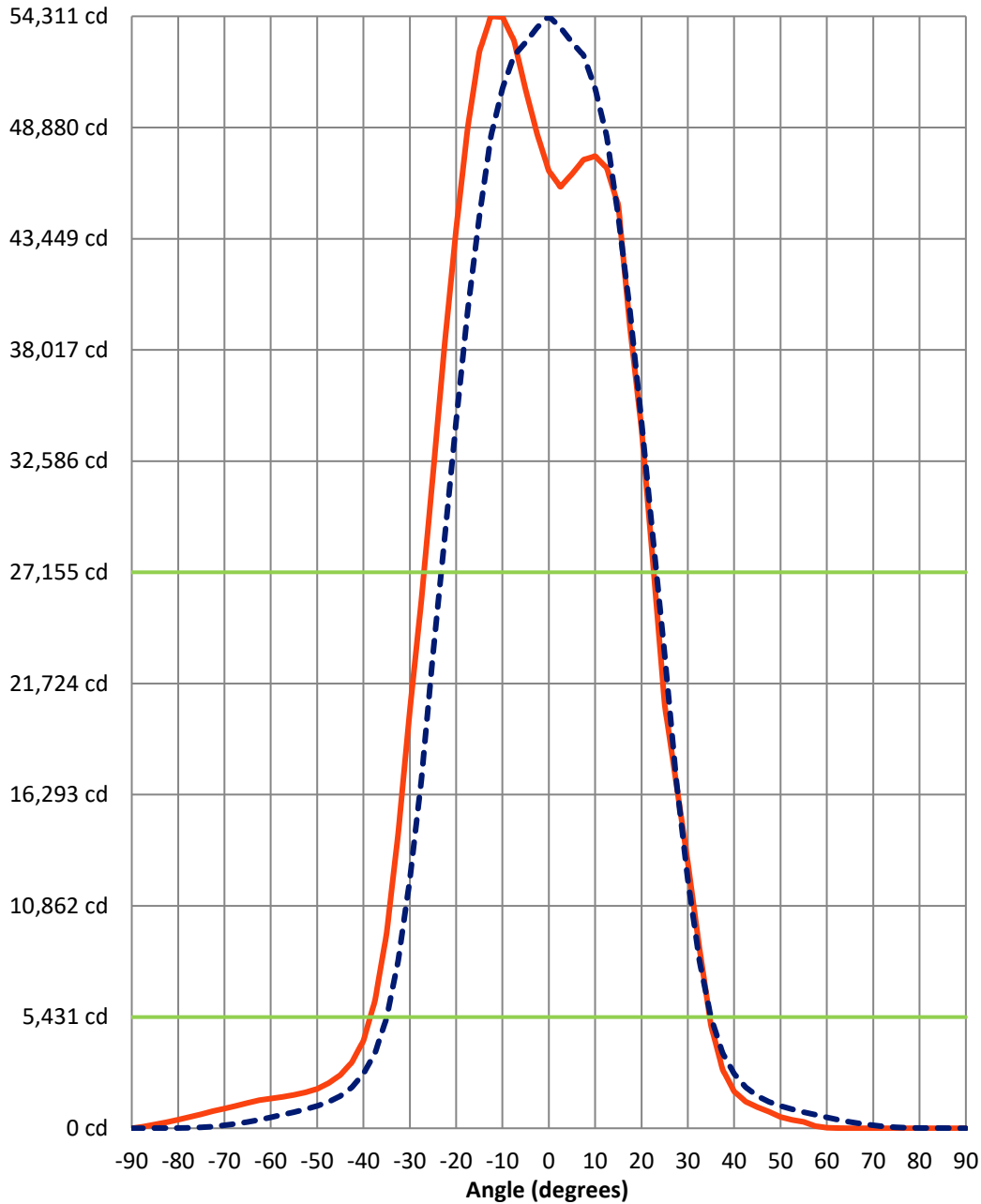
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 25965.4
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 34941.6
 Efficiency: 90.1%

Spill:
 Lumens: 3824.4
 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	1	0	0	0	0	0
72.5°	0	0	0	0	1	1	0	0	0	0	0
70°	0	0	0	0	2	2	1	0	0	0	0
67.5°	0	0	0	1	3	3	1	0	0	1	1
65°	0	0	0	2	4	3	1	0	2	3	3
62.5°	0	0	0	3	5	3	1	2	4	5	6
60°	0	0	0	4	6	4	2	4	6	6	8
57.5°	0	0	1	5	6	4	3	6	7	8	9
55°	0	0	1	6	6	4	5	9	8	9	9
52.5°	0	0	2	7	6	5	7	9	9	9	9
50°	0	0	3	8	7	6	8	9	9	9	10
47.5°	0	0	3	8	7	6	9	10	9	9	12
45°	0	0	4	9	7	7	10	11	9	11	15
42.5°	0	0	4	9	7	8	11	12	10	14	18
40°	0	0	5	9	8	8	12	12	11	16	21
37.5°	0	0	5	9	8	9	13	13	14	20	24
35°	0	0	6	9	8	9	14	13	18	25	33
32.5°	0	0	6	9	9	10	15	14	21	32	53
30°	0	0	7	9	9	11	15	15	25	39	71
27.5°	0	0	7	9	9	12	16	18	29	47	88
25°	0	0	7	9	9	13	17	21	36	60	103
22.5°	0	0	8	9	9	14	17	23	43	73	122
20°	0	0	8	9	9	15	18	26	50	85	141
17.5°	0	0	8	9	9	16	18	29	58	96	160
15°	0	0	8	9	9	16	19	33	66	106	180
12.5°	0	0	8	9	9	17	20	39	73	114	199
10°	0	0	9	9	9	17	22	46	80	128	217
7.5°	0	0	9	9	9	17	23	52	86	143	231
5°	0	0	9	9	9	18	24	59	90	159	242
2.5°	0	0	9	9	9	18	25	65	95	173	251
0°	0	0	9	9	9	18	27	71	98	187	258
-2.5°	0	0	9	9	10	19	31	74	111	195	272
-5°	0	0	9	9	10	20	36	76	122	203	284
-7.5°	0	1	9	9	11	20	40	77	133	209	294
-10°	0	1	9	9	12	21	44	79	141	214	302
-12.5°	0	1	9	9	12	22	46	80	147	219	307
-15°	0	1	8	9	13	22	49	81	149	221	310
-17.5°	0	1	8	9	13	22	50	84	148	221	310
-20°	0	1	8	9	14	23	51	87	147	220	306

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CATALOG NUMBER: GFLD-SA6E-727-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	2	8	9	14	23	51	89	144	217	299
-25°	0	2	8	9	14	24	51	90	141	213	287
-27.5°	0	2	8	9	13	26	50	90	138	207	281
-30°	0	2	8	9	13	27	50	89	136	201	272
-32.5°	0	2	8	9	14	28	48	87	134	195	261
-35°	0	2	8	9	14	29	48	85	131	189	248
-37.5°	0	2	7	9	15	29	49	82	125	183	245
-40°	0	2	7	9	15	30	49	79	117	175	240
-42.5°	0	2	7	9	15	30	49	75	112	166	233
-45°	0	2	7	10	16	29	47	72	107	156	222
-47.5°	0	2	7	10	16	29	46	70	101	144	208
-50°	0	2	7	10	16	28	45	67	97	138	192
-52.5°	0	2	7	10	16	27	43	64	92	131	175
-55°	0	2	8	11	16	26	42	60	88	122	165
-57.5°	0	2	8	11	16	26	40	57	82	114	153
-60°	0	2	8	11	15	24	37	54	76	106	140
-62.5°	0	2	7	11	15	23	35	50	71	97	129
-65°	0	2	7	11	15	21	32	46	65	88	116
-67.5°	0	2	6	11	15	20	29	42	57	78	103
-70°	0	1	6	11	14	19	26	37	51	67	89
-72.5°	0	1	5	10	14	18	24	31	43	57	74
-75°	0	1	4	8	13	17	22	28	35	47	61
-77.5°	0	1	4	7	11	16	20	25	31	38	47
-80°	0	1	3	6	9	13	18	22	27	32	38
-82.5°	0	1	2	4	7	10	14	18	22	27	31
-85°	0	0	2	3	5	7	9	12	15	19	22
-87.5°	0	0	1	1	2	3	5	6	8	9	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627976 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-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	1	0	0	0	0	0	0	0
67.5°	1	3	3	2	0	0	0	1	0	0	0
65°	4	6	4	2	0	2	3	2	0	0	0
62.5°	8	7	5	4	5	7	5	3	1	2	3
60°	9	8	6	7	9	8	6	6	7	9	21
57.5°	9	8	8	10	10	9	11	13	32	53	59
55°	9	9	10	12	13	15	24	50	74	92	99
52.5°	10	10	14	17	21	34	61	91	114	133	157
50°	12	14	18	25	39	69	104	136	167	195	229
47.5°	15	19	27	39	72	111	152	194	230	269	318
45°	19	29	38	69	110	159	210	257	294	340	384
42.5°	22	43	65	98	156	215	273	311	352	403	460
40°	37	61	93	143	206	277	327	368	412	483	553
37.5°	55	86	124	189	264	333	382	431	496	577	661
35°	74	109	165	238	322	385	440	502	590	684	783
32.5°	95	131	206	288	367	435	496	588	681	784	921
30°	114	165	246	336	410	480	567	669	762	888	1048
27.5°	136	200	287	375	450	524	638	737	843	987	1179
25°	159	236	325	410	488	582	707	812	921	1104	1362
22.5°	186	270	362	443	525	643	777	908	1050	1233	1551
20°	215	303	396	483	561	701	852	1012	1205	1459	1876
17.5°	243	332	428	522	620	763	932	1121	1361	1678	2291
15°	267	359	460	562	676	828	1013	1245	1536	1930	2692
12.5°	290	382	491	601	726	886	1083	1336	1680	2246	3204
10°	310	403	520	638	770	937	1145	1413	1797	2474	3587
7.5°	327	426	547	673	808	981	1198	1476	1900	2652	3885
5°	342	452	570	700	836	1018	1241	1524	1988	2783	4115
2.5°	355	477	590	721	857	1046	1275	1570	2072	2891	4310
0°	365	499	605	739	873	1069	1300	1603	2137	2965	4461
-2.5°	378	510	627	753	898	1084	1312	1627	2158	2976	4431
-5°	388	518	644	763	917	1093	1315	1636	2156	2952	4339
-7.5°	396	523	657	772	928	1098	1316	1631	2133	2903	4192
-10°	403	528	661	782	931	1097	1310	1610	2082	2807	3968
-12.5°	412	534	662	787	930	1091	1293	1575	2003	2664	3681
-15°	417	537	661	786	925	1079	1265	1524	1896	2472	3326
-17.5°	420	537	659	779	918	1062	1227	1464	1798	2304	3071
-20°	419	536	655	766	907	1043	1202	1417	1716	2143	2762

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CATALOG NUMBER: GFLD-SA6E-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	415	532	649	755	890	1025	1172	1361	1612	1962	2462
-25°	407	525	641	748	870	1002	1134	1300	1518	1828	2244
-27.5°	393	515	628	737	848	977	1101	1251	1442	1681	2013
-30°	373	500	611	721	830	950	1069	1196	1364	1572	1839
-32.5°	354	483	592	699	809	922	1035	1153	1296	1469	1677
-35°	340	461	572	673	782	892	1000	1109	1227	1381	1560
-37.5°	332	439	552	647	750	857	961	1066	1175	1295	1458
-40°	321	417	528	624	717	821	922	1021	1121	1242	1367
-42.5°	308	401	503	601	689	784	880	975	1077	1188	1305
-45°	295	382	479	570	659	748	841	930	1029	1134	1242
-47.5°	278	360	453	534	621	711	800	889	976	1074	1178
-50°	258	336	420	498	576	665	754	843	929	1012	1103
-52.5°	238	307	387	463	535	609	701	791	876	959	1040
-55°	215	280	352	427	498	564	643	734	819	899	982
-57.5°	197	251	318	389	459	527	600	677	761	839	919
-60°	181	226	282	348	418	485	555	627	703	779	850
-62.5°	164	203	249	304	369	436	502	570	641	706	770
-65°	148	180	218	264	316	376	440	505	570	627	682
-67.5°	131	159	190	224	269	320	371	430	490	546	598
-70°	113	137	164	193	226	268	315	362	410	459	511
-72.5°	94	116	139	162	192	227	263	302	343	386	429
-75°	77	94	114	134	159	187	218	250	284	318	353
-77.5°	61	75	91	107	126	148	172	198	225	252	279
-80°	47	57	69	83	97	113	130	147	168	190	213
-82.5°	37	44	52	61	70	81	92	105	120	136	152
-85°	27	31	36	41	46	53	59	66	76	86	97
-87.5°	13	16	18	20	23	26	29	31	36	41	46
-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°	3	3	3	3	2	2	4	6	6	6	7
60°	24	17	23	29	28	21	32	36	33	27	28
57.5°	62	67	77	90	100	106	114	123	130	134	137
55°	114	137	161	173	191	220	246	248	253	259	274
52.5°	183	210	222	244	281	305	317	337	360	381	400
50°	266	289	315	349	386	409	417	453	498	534	556
47.5°	350	380	428	488	520	546	583	630	679	732	773
45°	427	481	543	597	638	684	734	792	869	942	997
42.5°	515	576	639	701	746	823	910	979	1090	1187	1248
40°	618	679	769	845	939	1035	1186	1325	1465	1627	1745
37.5°	742	835	962	1085	1224	1367	1636	1911	2135	2451	2626
35°	890	1035	1215	1398	1620	1965	2357	2888	3440	3900	4343
32.5°	1062	1247	1494	1822	2196	2749	3338	4317	5269	6222	7157
30°	1231	1500	1878	2328	2943	3818	4929	6440	8078	9512	10809
27.5°	1456	1837	2329	3001	4047	5329	7381	9480	11565	13426	14763
25°	1727	2239	2934	4048	5557	7684	10434	13007	15454	17279	18816
22.5°	2121	2888	3874	5292	8032	10990	14280	17518	20266	22566	24081
20°	2607	3644	5295	7864	11086	14785	19020	22426	25811	28399	30710
17.5°	3295	4947	7277	10540	14391	19325	23685	27483	31781	34426	36784
15°	3914	6037	9360	13522	18034	23264	28406	33057	37206	40113	42748
12.5°	4696	7196	11015	15912	20847	26669	32014	36995	41058	44049	45893
10°	5398	8384	12670	17790	23315	29397	34937	40121	44057	46369	47726
7.5°	5964	9371	14010	19398	25230	31352	37205	42350	46116	48050	48976
5°	6403	10103	15059	20716	26774	33038	39011	44047	47219	48818	49336
2.5°	6732	10612	15765	21583	27816	34283	40381	45344	48051	49204	49376
0°	6955	10971	16225	22129	28709	34729	41123	46163	48736	49662	49751
-2.5°	6902	10841	16204	21931	28606	34930	41241	46215	48969	50213	50416
-5°	6762	10536	15667	21370	27793	34125	40145	45397	48777	50656	51488
-7.5°	6491	10009	14748	20298	26475	32813	38951	44401	48290	50934	52563
-10°	6029	9239	13572	18941	25029	31068	37137	42792	46981	50164	52432
-12.5°	5399	8194	12139	17019	23139	28778	34524	39942	44514	48439	50783
-15°	4749	7106	10650	15115	20443	25996	31304	36621	41134	44804	47728
-17.5°	4286	6153	8925	12832	17510	22779	27958	32842	36914	40365	43432
-20°	3699	5086	7281	10567	14685	19291	24252	28599	32235	35471	38400

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627976 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-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°	3233	4356	5941	8183	11883	15944	20003	24005	27424	30305	32805
-25°	2809	3597	4836	6659	9065	12573	15993	19372	22528	25206	27459
-27.5°	2476	3103	3929	5227	7053	9100	12096	14921	17634	20083	22207
-30°	2174	2644	3290	4102	5343	6864	8666	10778	12942	14875	16805
-32.5°	1957	2291	2735	3337	4033	5122	6211	7632	9002	10412	11796
-35°	1761	2031	2332	2735	3213	3848	4565	5434	6166	7089	7940
-37.5°	1628	1817	2048	2302	2643	2998	3484	4011	4465	4979	5412
-40°	1517	1665	1821	1993	2227	2467	2781	3077	3365	3678	3912
-42.5°	1424	1543	1656	1788	1927	2119	2330	2514	2689	2874	3026
-45°	1350	1439	1530	1633	1738	1877	2027	2165	2279	2381	2465
-47.5°	1272	1352	1432	1511	1601	1702	1800	1888	1983	2063	2121
-50°	1194	1273	1346	1415	1493	1572	1650	1720	1787	1847	1883
-52.5°	1119	1201	1272	1335	1401	1467	1530	1594	1653	1706	1730
-55°	1062	1137	1210	1266	1322	1377	1434	1494	1549	1600	1615
-57.5°	999	1076	1145	1198	1249	1298	1351	1406	1459	1507	1522
-60°	927	1007	1068	1117	1170	1224	1273	1323	1372	1413	1430
-62.5°	840	912	969	1018	1064	1109	1163	1216	1267	1308	1333
-65°	738	800	854	904	949	992	1043	1092	1138	1175	1201
-67.5°	649	697	742	786	830	874	921	967	1010	1042	1064
-70°	559	605	647	688	727	766	804	842	880	907	929
-72.5°	473	512	548	585	621	655	688	721	752	777	797
-75°	390	424	455	486	516	543	569	595	619	640	658
-77.5°	308	335	362	388	414	436	456	475	493	511	528
-80°	236	255	275	295	314	331	346	361	375	389	402
-82.5°	169	182	195	208	221	233	244	254	265	275	284
-85°	107	115	122	129	136	143	150	157	163	169	175
-87.5°	51	54	58	61	65	68	71	74	77	80	83
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627976 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-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°	8	8	9	9	9	8	8	7	6	6	6
60°	28	26	26	27	26	26	28	28	27	33	36
57.5°	134	125	116	107	116	125	134	137	134	130	123
55°	291	307	314	312	314	307	291	274	259	253	248
52.5°	414	421	419	410	419	421	414	400	381	360	337
50°	565	566	561	552	561	566	565	556	534	498	453
47.5°	794	806	811	810	811	806	794	773	732	679	630
45°	1018	1030	1034	1033	1034	1030	1018	997	942	869	792
42.5°	1281	1300	1307	1300	1307	1300	1281	1248	1187	1090	979
40°	1814	1837	1827	1799	1827	1837	1814	1745	1627	1465	1325
37.5°	2749	2838	2875	2876	2875	2838	2749	2626	2451	2135	1911
35°	4741	5059	5204	5022	5204	5059	4741	4343	3900	3440	2888
32.5°	7919	8481	8798	8798	8798	8481	7919	7157	6222	5269	4317
30°	11790	12495	12890	12974	12890	12495	11790	10809	9512	8078	6440
27.5°	15806	16534	16912	16857	16912	16534	15806	14763	13426	11565	9480
25°	19835	20386	20704	20713	20704	20386	19835	18816	17279	15454	13007
22.5°	25787	26946	27424	27552	27424	26946	25787	24081	22566	20266	17518
20°	32275	33399	34124	34168	34124	33399	32275	30710	28399	25811	22426
17.5°	38456	39014	39117	39164	39117	39014	38456	36784	34426	31781	27483
15°	44283	44479	44994	45059	44994	44479	44283	42748	40113	37206	33057
12.5°	47051	47230	47141	46902	47141	47230	47051	45893	44049	41058	36995
10°	48559	48307	47932	47481	47932	48307	48559	47726	46369	44057	40121
7.5°	48901	48621	47959	47303	47959	48621	48901	48976	48050	46116	42350
5°	49063	48241	47405	46608	47405	48241	49063	49336	48818	47219	44047
2.5°	48967	47989	46842	45985	46842	47989	48967	49376	49204	48051	45344
0°	49279	48291	47089	46768	47089	48291	49279	49751	49662	48736	46163
-2.5°	50149	49348	48721	48549	48721	49348	50149	50416	50213	48969	46215
-5°	51714	51538	50471	50722	50471	51538	51714	51488	50656	48777	45397
-7.5°	53226	52976	52524	53109	52524	52976	53226	52563	50934	48290	44401
-10°	53628	53546	53757	54275	53757	53546	53628	52432	50164	46981	42792
-12.5°	52396	53042	53765	54311	53765	53042	52396	50783	48439	44514	39942
-15°	49649	50969	52051	52565	52051	50969	49649	47728	44804	41134	36621
-17.5°	45602	47222	48504	48870	48504	47222	45602	43432	40365	36914	32842
-20°	40621	42268	43435	43901	43435	42268	40621	38400	35471	32235	28599

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CATALOG NUMBER: GFLD-SA6E-727-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°	35014	36622	37680	38237	37680	36622	35014	32805	30305	27424	24005
-25°	29324	30738	31677	31924	31677	30738	29324	27459	25206	22528	19372
-27.5°	23884	25020	25712	25789	25712	25020	23884	22207	20083	17634	14921
-30°	18410	19465	20065	20383	20065	19465	18410	16805	14875	12942	10778
-32.5°	12929	13767	14275	14408	14275	13767	12929	11796	10412	9002	7632
-35°	8620	9142	9463	9528	9463	9142	8620	7940	7089	6166	5434
-37.5°	5764	6018	6174	6251	6174	6018	5764	5412	4979	4465	4011
-40°	4083	4203	4269	4283	4269	4203	4083	3912	3678	3365	3077
-42.5°	3123	3184	3215	3224	3215	3184	3123	3026	2874	2689	2514
-45°	2524	2566	2592	2600	2592	2566	2524	2465	2381	2279	2165
-47.5°	2159	2186	2203	2208	2203	2186	2159	2121	2063	1983	1888
-50°	1905	1920	1926	1923	1926	1920	1905	1883	1847	1787	1720
-52.5°	1744	1755	1758	1754	1758	1755	1744	1730	1706	1653	1594
-55°	1626	1633	1634	1630	1634	1633	1626	1615	1600	1549	1494
-57.5°	1534	1544	1541	1532	1541	1544	1534	1522	1507	1459	1406
-60°	1444	1455	1456	1452	1456	1455	1444	1430	1413	1372	1323
-62.5°	1355	1372	1375	1371	1375	1372	1355	1333	1308	1267	1216
-65°	1225	1247	1246	1238	1246	1247	1225	1201	1175	1138	1092
-67.5°	1082	1098	1099	1095	1099	1098	1082	1064	1042	1010	967
-70°	948	965	965	962	965	965	948	929	907	880	842
-72.5°	816	832	836	837	836	832	816	797	777	752	721
-75°	675	691	690	686	690	691	675	658	640	619	595
-77.5°	543	558	556	552	556	558	543	528	511	493	475
-80°	414	425	423	419	423	425	414	402	389	375	361
-82.5°	293	301	298	294	298	301	293	284	275	265	254
-85°	181	186	187	187	187	186	181	175	169	163	157
-87.5°	86	89	84	80	84	89	86	83	80	77	74
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627976 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-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	1
65°	0	0	0	0	0	0	0	0	0	0	2
62.5°	4	2	2	3	3	3	3	3	2	1	3
60°	32	21	28	29	23	17	24	21	9	7	6
57.5°	114	106	100	90	77	67	62	59	53	32	13
55°	246	220	191	173	161	137	114	99	92	74	50
52.5°	317	305	281	244	222	210	183	157	133	114	91
50°	417	409	386	349	315	289	266	229	195	167	136
47.5°	583	546	520	488	428	380	350	318	269	230	194
45°	734	684	638	597	543	481	427	384	340	294	257
42.5°	910	823	746	701	639	576	515	460	403	352	311
40°	1186	1035	939	845	769	679	618	553	483	412	368
37.5°	1636	1367	1224	1085	962	835	742	661	577	496	431
35°	2357	1965	1620	1398	1215	1035	890	783	684	590	502
32.5°	3338	2749	2196	1822	1494	1247	1062	921	784	681	588
30°	4929	3818	2943	2328	1878	1500	1231	1048	888	762	669
27.5°	7381	5329	4047	3001	2329	1837	1456	1179	987	843	737
25°	10434	7684	5557	4048	2934	2239	1727	1362	1104	921	812
22.5°	14280	10990	8032	5292	3874	2888	2121	1551	1233	1050	908
20°	19020	14785	11086	7864	5295	3644	2607	1876	1459	1205	1012
17.5°	23685	19325	14391	10540	7277	4947	3295	2291	1678	1361	1121
15°	28406	23264	18034	13522	9360	6037	3914	2692	1930	1536	1245
12.5°	32014	26669	20847	15912	11015	7196	4696	3204	2246	1680	1336
10°	34937	29397	23315	17790	12670	8384	5398	3587	2474	1797	1413
7.5°	37205	31352	25230	19398	14010	9371	5964	3885	2652	1900	1476
5°	39011	33038	26774	20716	15059	10103	6403	4115	2783	1988	1524
2.5°	40381	34283	27816	21583	15765	10612	6732	4310	2891	2072	1570
0°	41123	34729	28709	22129	16225	10971	6955	4461	2965	2137	1603
-2.5°	41241	34930	28606	21931	16204	10841	6902	4431	2976	2158	1627
-5°	40145	34125	27793	21370	15667	10536	6762	4339	2952	2156	1636
-7.5°	38951	32813	26475	20298	14748	10009	6491	4192	2903	2133	1631
-10°	37137	31068	25029	18941	13572	9239	6029	3968	2807	2082	1610
-12.5°	34524	28778	23139	17019	12139	8194	5399	3681	2664	2003	1575
-15°	31304	25996	20443	15115	10650	7106	4749	3326	2472	1896	1524
-17.5°	27958	22779	17510	12832	8925	6153	4286	3071	2304	1798	1464
-20°	24252	19291	14685	10567	7281	5086	3699	2762	2143	1716	1417

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REPORT NUMBER: P627976 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-727-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°	20003	15944	11883	8183	5941	4356	3233	2462	1962	1612	1361
-25°	15993	12573	9065	6659	4836	3597	2809	2244	1828	1518	1300
-27.5°	12096	9100	7053	5227	3929	3103	2476	2013	1681	1442	1251
-30°	8666	6864	5343	4102	3290	2644	2174	1839	1572	1364	1196
-32.5°	6211	5122	4033	3337	2735	2291	1957	1677	1469	1296	1153
-35°	4565	3848	3213	2735	2332	2031	1761	1560	1381	1227	1109
-37.5°	3484	2998	2643	2302	2048	1817	1628	1458	1295	1175	1066
-40°	2781	2467	2227	1993	1821	1665	1517	1367	1242	1121	1021
-42.5°	2330	2119	1927	1788	1656	1543	1424	1305	1188	1077	975
-45°	2027	1877	1738	1633	1530	1439	1350	1242	1134	1029	930
-47.5°	1800	1702	1601	1511	1432	1352	1272	1178	1074	976	889
-50°	1650	1572	1493	1415	1346	1273	1194	1103	1012	929	843
-52.5°	1530	1467	1401	1335	1272	1201	1119	1040	959	876	791
-55°	1434	1377	1322	1266	1210	1137	1062	982	899	819	734
-57.5°	1351	1298	1249	1198	1145	1076	999	919	839	761	677
-60°	1273	1224	1170	1117	1068	1007	927	850	779	703	627
-62.5°	1163	1109	1064	1018	969	912	840	770	706	641	570
-65°	1043	992	949	904	854	800	738	682	627	570	505
-67.5°	921	874	830	786	742	697	649	598	546	490	430
-70°	804	766	727	688	647	605	559	511	459	410	362
-72.5°	688	655	621	585	548	512	473	429	386	343	302
-75°	569	543	516	486	455	424	390	353	318	284	250
-77.5°	456	436	414	388	362	335	308	279	252	225	198
-80°	346	331	314	295	275	255	236	213	190	168	147
-82.5°	244	233	221	208	195	182	169	152	136	120	105
-85°	150	143	136	129	122	115	107	97	86	76	66
-87.5°	71	68	65	61	58	54	51	46	41	36	31
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627976 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-727-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	1	1	0	0	0	0	0	0
67.5°	0	0	0	2	3	3	1	1	1	0	0
65°	3	2	0	2	4	6	4	3	3	2	0
62.5°	5	7	5	4	5	7	8	6	5	4	2
60°	6	8	9	7	6	8	9	8	6	6	4
57.5°	11	9	10	10	8	8	9	9	8	7	6
55°	24	15	13	12	10	9	9	9	9	8	9
52.5°	61	34	21	17	14	10	10	9	9	9	9
50°	104	69	39	25	18	14	12	10	9	9	9
47.5°	152	111	72	39	27	19	15	12	9	9	10
45°	210	159	110	69	38	29	19	15	11	9	11
42.5°	273	215	156	98	65	43	22	18	14	10	12
40°	327	277	206	143	93	61	37	21	16	11	12
37.5°	382	333	264	189	124	86	55	24	20	14	13
35°	440	385	322	238	165	109	74	33	25	18	13
32.5°	496	435	367	288	206	131	95	53	32	21	14
30°	567	480	410	336	246	165	114	71	39	25	15
27.5°	638	524	450	375	287	200	136	88	47	29	18
25°	707	582	488	410	325	236	159	103	60	36	21
22.5°	777	643	525	443	362	270	186	122	73	43	23
20°	852	701	561	483	396	303	215	141	85	50	26
17.5°	932	763	620	522	428	332	243	160	96	58	29
15°	1013	828	676	562	460	359	267	180	106	66	33
12.5°	1083	886	726	601	491	382	290	199	114	73	39
10°	1145	937	770	638	520	403	310	217	128	80	46
7.5°	1198	981	808	673	547	426	327	231	143	86	52
5°	1241	1018	836	700	570	452	342	242	159	90	59
2.5°	1275	1046	857	721	590	477	355	251	173	95	65
0°	1300	1069	873	739	605	499	365	258	187	98	71
-2.5°	1312	1084	898	753	627	510	378	272	195	111	74
-5°	1315	1093	917	763	644	518	388	284	203	122	76
-7.5°	1316	1098	928	772	657	523	396	294	209	133	77
-10°	1310	1097	931	782	661	528	403	302	214	141	79
-12.5°	1293	1091	930	787	662	534	412	307	219	147	80
-15°	1265	1079	925	786	661	537	417	310	221	149	81
-17.5°	1227	1062	918	779	659	537	420	310	221	148	84
-20°	1202	1043	907	766	655	536	419	306	220	147	87

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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°	1172	1025	890	755	649	532	415	299	217	144	89
-25°	1134	1002	870	748	641	525	407	287	213	141	90
-27.5°	1101	977	848	737	628	515	393	281	207	138	90
-30°	1069	950	830	721	611	500	373	272	201	136	89
-32.5°	1035	922	809	699	592	483	354	261	195	134	87
-35°	1000	892	782	673	572	461	340	248	189	131	85
-37.5°	961	857	750	647	552	439	332	245	183	125	82
-40°	922	821	717	624	528	417	321	240	175	117	79
-42.5°	880	784	689	601	503	401	308	233	166	112	75
-45°	841	748	659	570	479	382	295	222	156	107	72
-47.5°	800	711	621	534	453	360	278	208	144	101	70
-50°	754	665	576	498	420	336	258	192	138	97	67
-52.5°	701	609	535	463	387	307	238	175	131	92	64
-55°	643	564	498	427	352	280	215	165	122	88	60
-57.5°	600	527	459	389	318	251	197	153	114	82	57
-60°	555	485	418	348	282	226	181	140	106	76	54
-62.5°	502	436	369	304	249	203	164	129	97	71	50
-65°	440	376	316	264	218	180	148	116	88	65	46
-67.5°	371	320	269	224	190	159	131	103	78	57	42
-70°	315	268	226	193	164	137	113	89	67	51	37
-72.5°	263	227	192	162	139	116	94	74	57	43	31
-75°	218	187	159	134	114	94	77	61	47	35	28
-77.5°	172	148	126	107	91	75	61	47	38	31	25
-80°	130	113	97	83	69	57	47	38	32	27	22
-82.5°	92	81	70	61	52	44	37	31	27	22	18
-85°	59	53	46	41	36	31	27	22	19	15	12
-87.5°	29	26	23	20	18	16	13	11	9	8	6
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA6E-727-U-MWR-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	1	0	0	0	0	0
72.5°	0	1	1	0	0	0	0
70°	1	2	2	0	0	0	0
67.5°	1	3	3	1	0	0	0
65°	1	3	4	2	0	0	0
62.5°	1	3	5	3	0	0	0
60°	2	4	6	4	0	0	0
57.5°	3	4	6	5	1	0	0
55°	5	4	6	6	1	0	0
52.5°	7	5	6	7	2	0	0
50°	8	6	7	8	3	0	0
47.5°	9	6	7	8	3	0	0
45°	10	7	7	9	4	0	0
42.5°	11	8	7	9	4	0	0
40°	12	8	8	9	5	0	0
37.5°	13	9	8	9	5	0	0
35°	14	9	8	9	6	0	0
32.5°	15	10	9	9	6	0	0
30°	15	11	9	9	7	0	0
27.5°	16	12	9	9	7	0	0
25°	17	13	9	9	7	0	0
22.5°	17	14	9	9	8	0	0
20°	18	15	9	9	8	0	0
17.5°	18	16	9	9	8	0	0
15°	19	16	9	9	8	0	0
12.5°	20	17	9	9	8	0	0
10°	22	17	9	9	9	0	0
7.5°	23	17	9	9	9	0	0
5°	24	18	9	9	9	0	0
2.5°	25	18	9	9	9	0	0
0°	27	18	9	9	9	0	0
-2.5°	31	19	10	9	9	0	0
-5°	36	20	10	9	9	0	0
-7.5°	40	20	11	9	9	1	0
-10°	44	21	12	9	9	1	0
-12.5°	46	22	12	9	9	1	0
-15°	49	22	13	9	8	1	0
-17.5°	50	22	13	9	8	1	0
-20°	51	23	14	9	8	1	0

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CATALOG NUMBER: GFLD-SA6E-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	51	23	14	9	8	2	0
-25°	51	24	14	9	8	2	0
-27.5°	50	26	13	9	8	2	0
-30°	50	27	13	9	8	2	0
-32.5°	48	28	14	9	8	2	0
-35°	48	29	14	9	8	2	0
-37.5°	49	29	15	9	7	2	0
-40°	49	30	15	9	7	2	0
-42.5°	49	30	15	9	7	2	0
-45°	47	29	16	10	7	2	0
-47.5°	46	29	16	10	7	2	0
-50°	45	28	16	10	7	2	0
-52.5°	43	27	16	10	7	2	0
-55°	42	26	16	11	8	2	0
-57.5°	40	26	16	11	8	2	0
-60°	37	24	15	11	8	2	0
-62.5°	35	23	15	11	7	2	0
-65°	32	21	15	11	7	2	0
-67.5°	29	20	15	11	6	2	0
-70°	26	19	14	11	6	1	0
-72.5°	24	18	14	10	5	1	0
-75°	22	17	13	8	4	1	0
-77.5°	20	16	11	7	4	1	0
-80°	18	13	9	6	3	1	0
-82.5°	14	10	7	4	2	1	0
-85°	9	7	5	3	2	0	0
-87.5°	5	3	2	1	1	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)