

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: P627794 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-727-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627794 (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-727-U-MR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23172.7 lumens
Efficiency: N/A
Efficacy: 121.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 81703 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 11586.6 lumens
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 19909.7 lumens
Field Efficiency: 85.9%

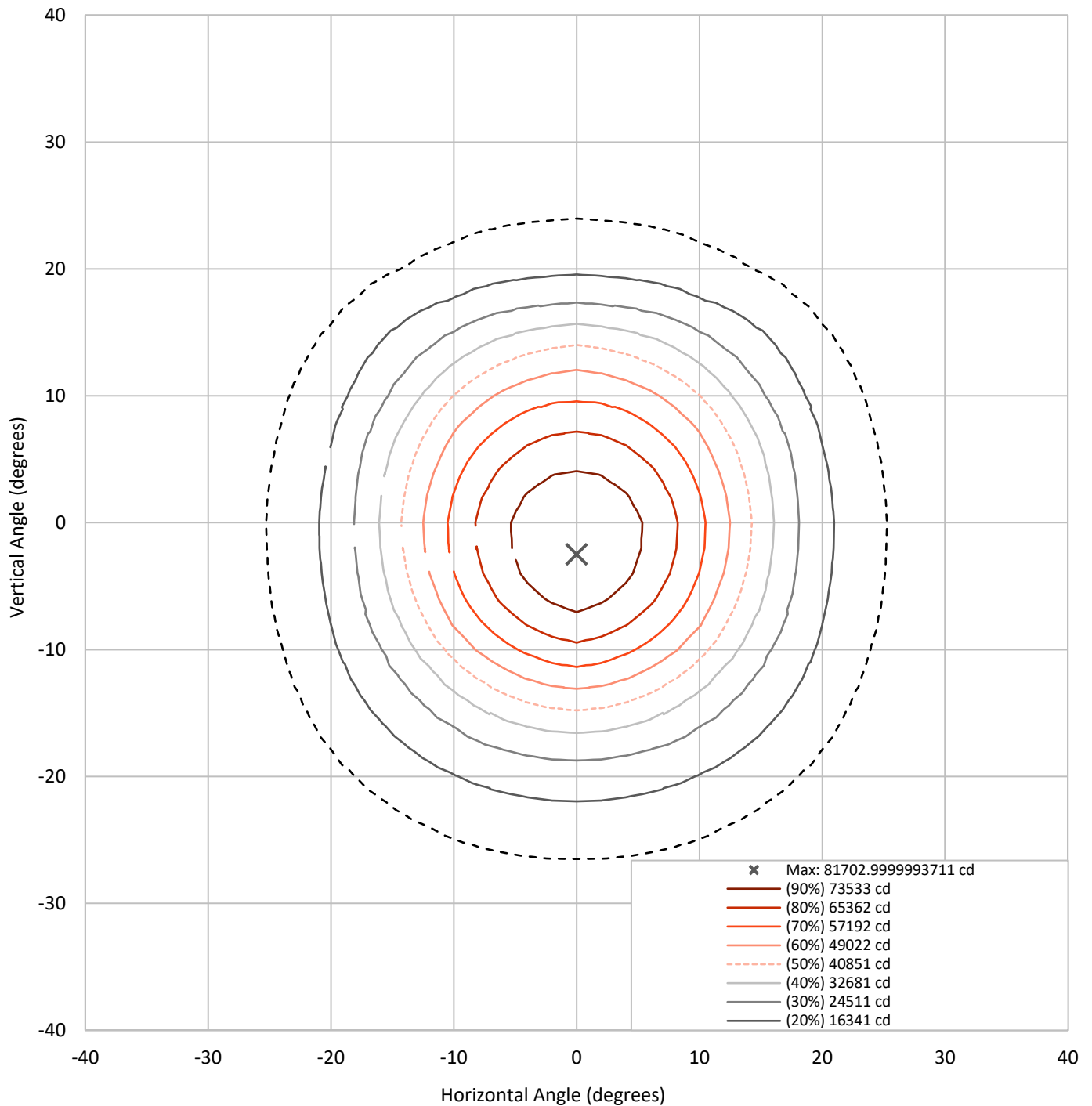
Input Watts (W): 190.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627794 (CONVERTED FROM TYPE C PHOTOMETRY)

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Iso-Candela Plot





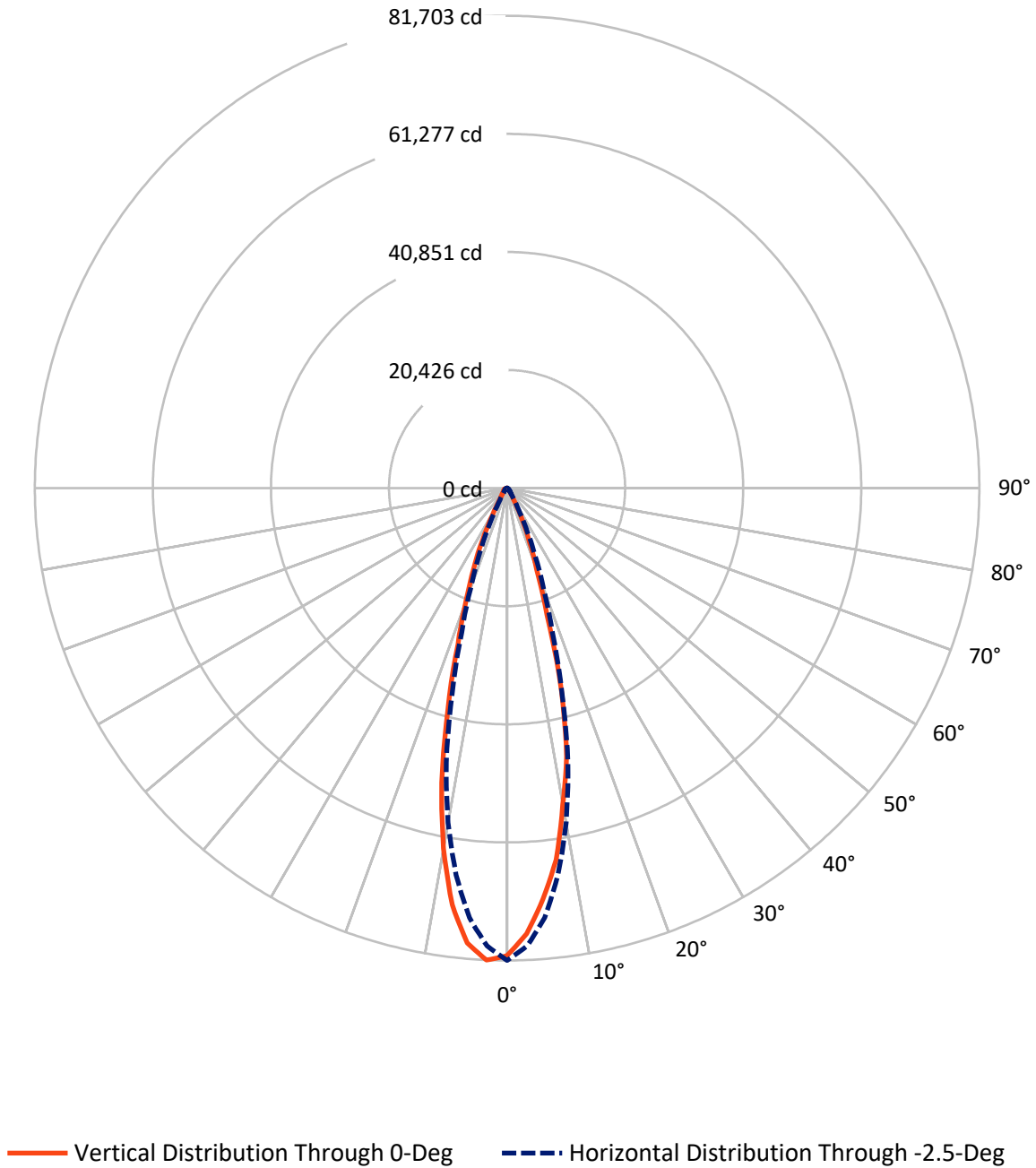
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Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0			
50		0.0	0.1	0.7	1.6	2.7	3.7	4.4	4.4	3.7	2.7	1.6	0.7	0.1	0.0				
40	0.1	0.1	0.8	2.5	4.9	7.5	10.5	12.4	12.4	10.5	7.5	4.9	2.5	0.8	0.1	0.1			
30		0.3	2.0	5.0	9.1	15.0	25.0	33.3	33.3	25.0	15.0	9.1	5.0	2.0	0.3				
20	0.2	0.7	3.1	7.6	14.4	35.0	110.0	201.7	201.7	110.0	35.0	14.4	7.6	3.1	0.7	0.2			
10		1.1	4.3	10.3	24.7	120.7	490.7	960.9	960.9	490.7	120.7	24.7	10.3	4.3	1.1				
0	0.3	1.5	5.2	12.3	35.4	230.0	990.9	1942.2	1942.2	990.9	230.0	35.4	12.3	5.2	1.5	0.3			
-10		1.7	5.7	12.9	37.8	241.0	1016.7	2059.4	2059.4	1016.7	241.0	37.8	12.9	5.7	1.7				
-20	0.4	1.8	5.8	12.6	31.1	148.0	562.2	1089.9	1089.9	562.2	148.0	31.1	12.6	5.8	1.8	0.4			
-30		1.7	5.5	11.5	22.8	57.5	174.1	310.7	310.7	174.1	57.5	22.8	11.5	5.5	1.7				
-40	0.4	1.5	4.9	10.0	17.3	28.4	46.3	61.9	61.9	46.3	28.4	17.3	10.0	4.9	1.5	0.4			
-50		1.3	4.1	8.3	13.6	19.5	25.7	28.9	28.9	25.7	19.5	13.6	8.3	4.1	1.3				
-60	0.3	1.0	3.1	6.5	10.7	14.8	18.5	20.2	20.2	18.5	14.8	10.7	6.5	3.1	1.0	0.3			
-70		0.6	1.9	4.2	7.1	10.1	12.7	14.0	14.0	12.7	10.1	7.1	4.2	1.9	0.6				
-80	0.1	1.5	6.9	14.8	18.7	14.8	6.9	1.5	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

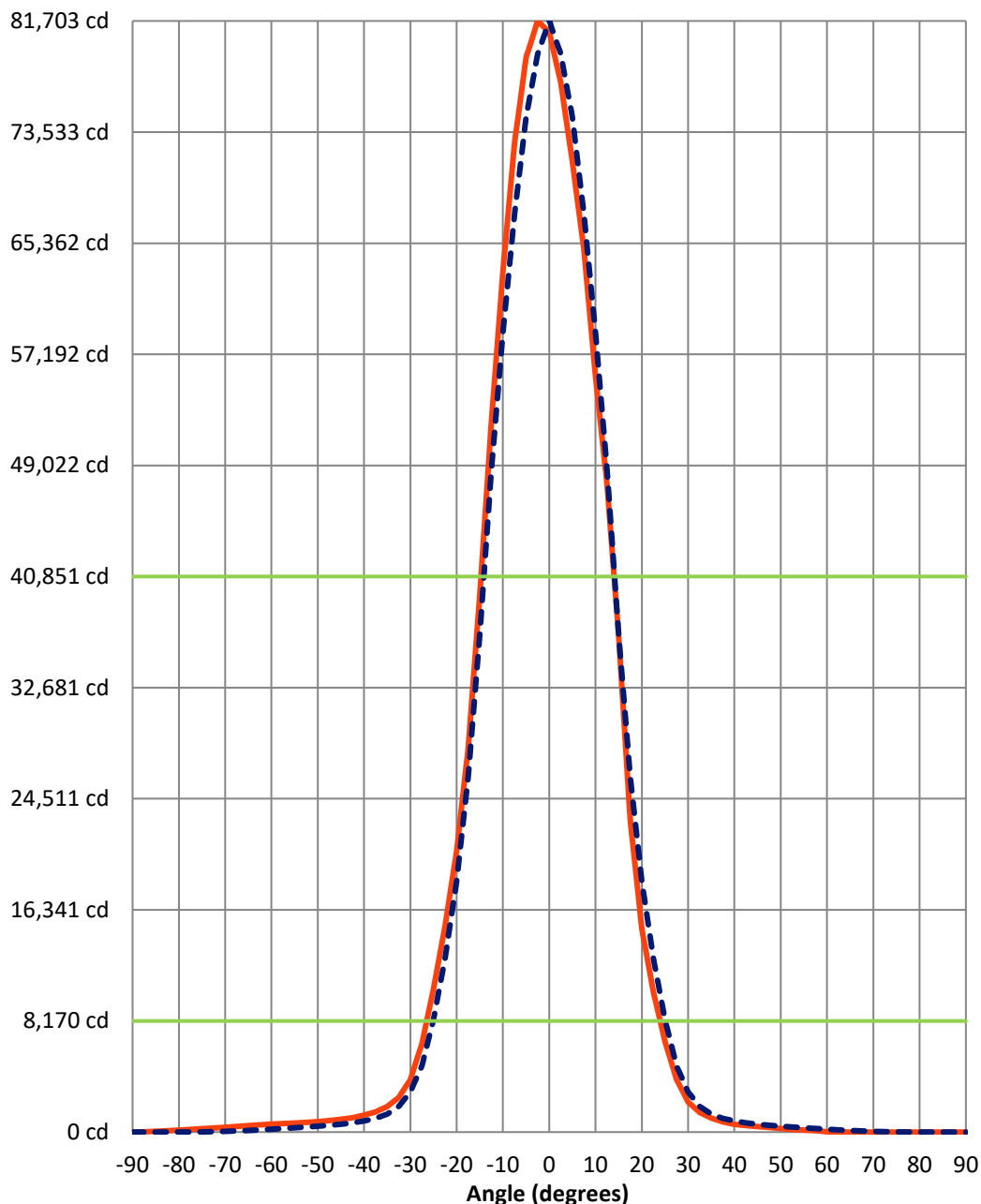
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 11586.6
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 19909.7
 Efficiency: 85.9%

Spill:
 Lumens: 3263
 Efficiency: 14.1%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -2.5-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	0	0	0	0	0	0	1	1
57.5°	0	0	0	0	0	0	0	0	1	2	2
55°	0	0	0	0	0	0	1	0	2	3	2
52.5°	0	0	0	0	0	0	1	1	4	3	2
50°	0	0	0	0	0	1	1	3	5	4	3
47.5°	0	0	0	0	0	1	2	4	5	4	4
45°	0	0	0	0	0	2	3	5	5	5	5
42.5°	0	0	0	0	0	2	3	5	5	5	8
40°	0	0	0	0	0	3	4	5	5	5	12
37.5°	0	0	0	0	1	4	5	5	6	7	17
35°	0	0	0	0	1	4	5	5	8	12	22
32.5°	0	0	0	0	2	4	5	5	9	17	28
30°	0	0	0	0	2	5	5	5	12	22	34
27.5°	0	0	0	0	3	5	5	7	15	26	41
25°	0	0	0	0	3	5	5	9	18	31	48
22.5°	0	0	0	0	4	5	5	11	22	37	58
20°	0	0	0	0	4	5	5	13	25	43	66
17.5°	0	0	0	0	4	5	5	15	28	48	74
15°	0	0	0	0	4	5	6	17	31	54	81
12.5°	0	0	0	0	5	5	7	20	34	60	88
10°	0	0	0	0	5	5	7	23	37	65	94
7.5°	0	0	0	0	5	5	8	25	40	70	100
5°	0	0	0	0	5	5	9	27	42	75	105
2.5°	0	0	0	0	5	5	10	29	44	79	109
0°	0	0	0	0	5	5	10	31	46	82	113
-2.5°	0	0	0	0	5	6	12	32	51	85	116
-5°	0	0	0	1	5	6	14	32	55	88	119
-7.5°	0	0	0	1	5	7	16	32	58	89	121
-10°	0	0	0	1	5	7	18	33	61	91	122
-12.5°	0	0	0	2	5	8	19	33	63	92	125
-15°	0	0	0	2	5	8	20	33	63	94	128
-17.5°	0	0	0	2	5	8	20	34	62	94	129
-20°	0	0	0	2	5	8	21	36	62	94	129

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REPORT NUMBER: P627794 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	2	5	8	21	37	60	93	127
-25°	0	0	0	2	5	9	21	38	59	91	123
-27.5°	0	0	0	2	5	9	21	38	57	88	121
-30°	0	0	0	2	5	10	21	38	56	85	117
-32.5°	0	0	0	2	6	10	21	38	56	82	112
-35°	0	0	0	2	6	10	21	37	55	79	106
-37.5°	0	0	0	2	6	11	21	36	54	76	104
-40°	0	0	0	1	7	11	21	35	52	73	101
-42.5°	0	0	0	1	7	11	20	34	51	71	97
-45°	0	0	0	1	6	11	19	33	49	68	93
-47.5°	0	0	0	1	6	11	18	31	47	64	88
-50°	0	0	0	1	6	11	18	29	44	60	82
-52.5°	0	0	0	1	5	10	17	27	41	57	75
-55°	0	0	0	1	5	10	16	24	38	52	70
-57.5°	0	0	0	1	4	9	15	23	34	48	63
-60°	0	0	0	1	4	9	13	21	30	43	57
-62.5°	0	0	0	1	4	8	12	18	27	38	51
-65°	0	0	0	1	4	7	12	16	24	34	44
-67.5°	0	0	0	1	3	6	11	15	21	30	39
-70°	0	0	0	1	3	6	10	13	19	25	34
-72.5°	0	0	0	1	3	5	9	12	16	21	28
-75°	0	0	0	1	2	5	8	10	13	17	23
-77.5°	0	0	0	1	2	4	6	8	10	13	17
-80°	0	0	0	1	2	3	5	6	8	10	12
-82.5°	0	0	0	0	1	2	4	5	5	6	8
-85°	0	0	0	0	1	2	3	3	3	4	4
-87.5°	0	0	0	0	0	1	1	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627794 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-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	0	1	2
60°	0	0	1	1	1	2	3	4	5	5	10
57.5°	1	1	2	3	4	6	8	10	16	23	28
55°	2	3	4	4	7	12	17	26	34	45	54
52.5°	3	5	5	8	15	22	33	45	59	69	77
50°	5	6	7	16	26	37	53	70	82	92	106
47.5°	7	8	16	26	39	57	78	92	104	122	143
45°	10	15	25	39	57	81	99	113	133	155	176
42.5°	13	23	37	51	79	102	120	139	161	185	209
40°	20	31	49	72	101	123	145	167	189	218	243
37.5°	27	42	63	92	120	146	171	196	223	253	282
35°	33	54	80	110	139	170	197	226	260	293	326
32.5°	41	67	95	127	159	192	223	260	295	331	372
30°	53	80	109	144	177	213	252	293	328	369	413
27.5°	64	91	124	160	194	233	280	322	360	403	451
25°	75	104	138	174	212	256	307	349	390	438	495
22.5°	85	116	154	187	229	280	332	379	425	473	539
20°	96	130	169	205	246	303	357	410	463	524	598
17.5°	105	142	183	224	269	325	383	441	501	575	667
15°	115	154	197	241	290	347	408	472	542	628	733
12.5°	123	164	211	257	309	367	430	497	578	681	812
10°	131	174	224	272	325	385	449	519	606	717	871
7.5°	138	183	236	285	339	401	466	538	629	747	917
5°	144	191	244	295	350	414	479	554	648	771	955
2.5°	150	199	252	302	358	422	488	564	661	794	984
0°	154	206	257	309	365	427	494	571	669	813	1003
-2.5°	159	213	263	315	372	432	500	577	678	818	1008
-5°	163	218	268	320	377	436	503	580	682	819	1010
-7.5°	166	222	271	323	381	439	505	582	684	818	1009
-10°	168	224	274	326	384	442	505	581	681	809	993
-12.5°	171	225	275	328	385	443	503	576	671	793	961
-15°	173	225	275	327	384	442	499	567	656	773	919
-17.5°	174	224	274	324	381	439	494	559	642	751	890
-20°	173	223	271	320	377	434	489	552	629	726	851

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CATALOG NUMBER: GFLD-SA6B-727-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°	172	221	268	315	370	426	481	541	612	694	806
-25°	169	218	264	311	362	416	471	526	594	672	767
-27.5°	165	214	259	305	353	405	459	513	575	646	728
-30°	159	208	253	298	345	394	444	498	553	620	695
-32.5°	151	201	245	289	336	383	428	480	534	591	658
-35°	145	192	236	279	326	370	413	459	511	565	622
-37.5°	140	182	226	267	311	356	396	439	486	539	591
-40°	135	172	216	256	295	340	380	418	461	512	561
-42.5°	129	165	204	244	282	322	363	400	440	486	533
-45°	123	158	194	231	269	305	343	382	421	462	507
-47.5°	117	149	184	218	255	291	324	362	402	440	479
-50°	109	140	172	204	238	275	309	341	377	416	454
-52.5°	100	130	159	188	220	255	290	324	355	388	424
-55°	90	118	146	173	202	234	267	301	334	364	395
-57.5°	82	105	131	158	184	211	243	275	307	338	369
-60°	73	93	115	141	167	192	219	249	279	308	337
-62.5°	65	82	101	123	148	173	198	223	251	275	300
-65°	57	71	87	106	127	149	172	197	222	242	261
-67.5°	49	61	74	90	108	126	145	166	189	208	225
-70°	42	51	62	74	89	104	121	138	155	172	189
-72.5°	35	43	51	59	72	85	99	112	126	141	156
-75°	29	35	41	49	57	68	79	92	103	115	126
-77.5°	22	27	33	38	45	53	62	71	81	90	100
-80°	16	20	25	30	34	39	45	51	58	66	73
-82.5°	11	14	17	21	24	27	30	34	39	44	49
-85°	6	8	10	12	14	15	17	19	22	25	28
-87.5°	3	4	5	6	6	7	7	7	9	10	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627794 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	1	1	0	0	0
62.5°	1	2	4	5	6	6	7	7	7	7	7
60°	13	13	19	24	23	18	25	29	28	24	24
57.5°	36	45	52	54	61	72	75	74	75	78	88
55°	63	70	75	86	96	106	114	119	125	132	139
52.5°	86	98	106	117	131	139	143	157	170	179	185
50°	122	135	148	163	176	188	198	213	230	248	258
47.5°	161	176	194	215	230	242	255	274	298	318	331
45°	196	215	236	256	273	290	310	334	357	379	395
42.5°	228	249	272	295	310	336	364	388	417	444	464
40°	265	285	319	343	363	390	431	467	502	534	555
37.5°	310	344	380	409	436	470	526	582	626	670	701
35°	362	403	448	480	521	584	654	731	807	869	924
32.5°	413	458	504	554	617	706	794	917	1030	1147	1256
30°	458	509	565	629	730	855	999	1186	1390	1592	1824
27.5°	506	562	628	731	884	1054	1319	1614	2035	2374	2920
25°	558	621	711	875	1087	1385	1848	2375	3247	3991	4830
22.5°	620	717	846	1051	1404	1942	2662	3810	5148	6390	7575
20°	698	829	1048	1376	1882	2709	4075	5816	7676	9494	11252
17.5°	800	1009	1322	1788	2505	4244	6276	8764	11950	14342	16611
15°	893	1157	1631	2385	3735	5973	8813	12623	16912	20517	24596
12.5°	1004	1323	1893	2871	4802	7759	11380	15924	20999	26472	32861
10°	1100	1492	2226	3573	5914	9356	13413	18748	25266	33010	41085
7.5°	1174	1634	2504	4098	6851	10666	15506	21993	30249	39301	48509
5°	1232	1743	2723	4511	7648	11729	17033	24561	33972	44361	53518
2.5°	1277	1820	2867	4764	8187	12455	18078	25927	36250	47665	57279
0°	1312	1867	2948	4944	8437	12799	18561	26478	37317	49283	59171
-2.5°	1324	1892	2952	4881	8284	12778	18448	26140	36581	48640	58769
-5°	1328	1879	2877	4752	8015	12320	17709	24856	34332	45644	55908
-7.5°	1319	1829	2726	4433	7409	11511	16678	22951	30718	40691	51300
-10°	1283	1741	2522	4001	6574	10248	15072	20372	26577	34719	43316
-12.5°	1219	1610	2240	3354	5592	8819	13091	17776	22612	27962	35034
-15°	1142	1476	2010	2962	4682	7318	10777	14734	18748	22845	27159
-17.5°	1084	1359	1773	2438	3595	5726	8492	11672	14928	18182	21087
-20°	1010	1220	1543	2061	2900	4161	6242	8716	11149	13803	16029

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REPORT NUMBER: P627794 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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°	943	1122	1364	1690	2255	3143	4329	6070	7919	9846	11674
-25°	881	1016	1208	1470	1807	2335	3119	4029	5327	6512	7870
-27.5°	828	941	1072	1266	1521	1810	2291	2823	3503	4068	4974
-30°	777	868	976	1100	1287	1508	1766	2088	2421	2755	3189
-32.5°	730	806	890	991	1107	1272	1432	1639	1821	2022	2229
-35°	683	751	820	900	989	1098	1218	1355	1476	1597	1706
-37.5°	643	700	760	823	895	970	1065	1162	1243	1322	1389
-40°	609	656	707	759	816	877	951	1022	1077	1128	1171
-42.5°	579	620	659	704	752	808	865	919	957	992	1020
-45°	549	585	621	658	697	745	795	837	867	893	914
-47.5°	518	550	583	616	654	693	732	764	790	813	828
-50°	487	519	549	576	610	644	679	705	728	748	759
-52.5°	457	488	518	546	573	600	627	653	676	697	704
-55°	428	458	485	511	538	564	588	610	631	651	657
-57.5°	399	430	458	480	502	525	549	570	591	608	615
-60°	367	398	422	443	465	487	507	527	547	564	572
-62.5°	328	356	378	399	419	438	456	474	492	506	515
-65°	282	306	328	348	366	383	401	417	432	443	450
-67.5°	243	260	279	297	315	332	347	361	375	384	390
-70°	205	221	237	253	270	284	298	311	323	331	337
-72.5°	170	184	199	214	228	241	252	263	274	281	287
-75°	138	150	163	175	187	198	207	216	225	231	237
-77.5°	110	119	128	137	147	155	163	170	177	182	187
-80°	81	89	96	103	109	115	121	127	132	137	141
-82.5°	55	60	66	72	77	80	83	86	89	92	96
-85°	32	35	39	42	46	48	50	52	54	56	58
-87.5°	13	14	16	17	19	19	19	20	20	21	23
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627794 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-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	0	1
62.5°	6	5	5	5	5	5	6	7	7	7	7
60°	22	21	20	21	20	21	22	24	24	28	29
57.5°	96	103	107	108	107	103	96	88	78	75	74
55°	146	151	152	149	152	151	146	139	132	125	119
52.5°	188	189	188	185	188	189	188	185	179	170	157
50°	262	261	261	262	261	261	262	258	248	230	213
47.5°	337	340	341	340	341	340	337	331	318	298	274
45°	402	407	409	406	409	407	402	395	379	357	334
42.5°	472	476	477	478	477	476	472	464	444	417	388
40°	565	568	567	566	567	568	565	555	534	502	467
37.5°	722	733	738	751	738	733	722	701	670	626	582
35°	966	993	1007	1029	1007	993	966	924	869	807	731
32.5°	1335	1389	1417	1446	1417	1389	1335	1256	1147	1030	917
30°	1984	2090	2133	2212	2133	2090	1984	1824	1592	1390	1186
27.5°	3321	3573	3672	3879	3672	3573	3321	2920	2374	2035	1614
25°	5594	6137	6436	6672	6436	6137	5594	4830	3991	3247	2375
22.5°	8771	9566	9990	10304	9990	9566	8771	7575	6390	5148	3810
20°	12846	13895	14521	14975	14521	13895	12846	11252	9494	7676	5816
17.5°	19523	21172	22136	22965	22136	21172	19523	16611	14342	11950	8764
15°	29146	32460	35034	36469	35034	32460	29146	24596	20517	16912	12623
12.5°	38508	43361	46244	47570	46244	43361	38508	32861	26472	20999	15924
10°	47766	52342	55085	55570	55085	52342	47766	41085	33010	25266	18748
7.5°	54854	59886	63531	64855	63531	59886	54854	48509	39301	30249	21993
5°	61114	67006	70863	71353	70863	67006	61114	53518	44361	33972	24561
2.5°	65719	72124	75865	77150	75865	72124	65719	57279	47665	36250	25927
0°	67947	74845	79007	80880	79007	74845	67947	59171	49283	37317	26478
-2.5°	67478	74613	79259	81703	79259	74613	67478	58769	48640	36581	26140
-5°	64913	72068	76400	78997	76400	72068	64913	55908	45644	34332	24856
-7.5°	58996	65688	70299	72695	70299	65688	58996	51300	40691	30718	22951
-10°	51372	57036	61238	63281	61238	57036	51372	43316	34719	26577	20372
-12.5°	41465	46959	50750	52195	50750	46959	41465	35034	27962	22612	17776
-15°	31770	35962	38656	39509	38656	35962	31770	27159	22845	18748	14734
-17.5°	24093	26350	27865	28274	27865	26350	24093	21087	18182	14928	11672
-20°	18050	19449	20432	20665	20432	19449	18050	16029	13803	11149	8716

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REPORT NUMBER: P627794 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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°	13152	14203	14997	15155	14997	14203	13152	11674	9846	7919	6070
-25°	9072	9951	10490	10531	10490	9951	9072	7870	6512	5327	4029
-27.5°	5687	6170	6420	6508	6420	6170	5687	4974	4068	3503	2823
-30°	3515	3737	3854	3858	3854	3737	3515	3189	2755	2421	2088
-32.5°	2386	2493	2552	2552	2552	2493	2386	2229	2022	1821	1639
-35°	1787	1843	1874	1878	1874	1843	1787	1706	1597	1476	1355
-37.5°	1437	1468	1484	1487	1484	1468	1437	1389	1322	1243	1162
-40°	1202	1223	1236	1245	1236	1223	1202	1171	1128	1077	1022
-42.5°	1039	1053	1059	1055	1059	1053	1039	1020	992	957	919
-45°	926	934	939	941	939	934	926	914	893	867	837
-47.5°	836	840	842	844	842	840	836	828	813	790	764
-50°	764	768	769	767	769	768	764	759	748	728	705
-52.5°	707	708	709	710	709	708	707	704	697	676	653
-55°	660	662	663	664	663	662	660	657	651	631	610
-57.5°	620	625	625	623	625	625	620	615	608	591	570
-60°	578	583	586	587	586	583	578	572	564	547	527
-62.5°	521	527	529	530	529	527	521	515	506	492	474
-65°	456	460	467	473	467	460	456	450	443	432	417
-67.5°	395	399	405	411	405	399	395	390	384	375	361
-70°	343	348	349	350	349	348	343	337	331	323	311
-72.5°	292	297	298	298	298	297	292	287	281	274	263
-75°	241	246	247	247	247	246	241	237	231	225	216
-77.5°	191	194	195	196	195	194	191	187	182	177	170
-80°	145	148	146	144	146	148	145	141	137	132	127
-82.5°	99	102	100	98	100	102	99	96	92	89	86
-85°	60	61	59	57	59	61	60	58	56	54	52
-87.5°	24	26	23	21	23	26	24	23	21	20	20
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627794 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	1	1	0	0	0	0	0	0	0	0	0
62.5°	7	6	6	5	4	2	1	2	1	0	1
60°	25	18	23	24	19	13	13	10	5	5	4
57.5°	75	72	61	54	52	45	36	28	23	16	10
55°	114	106	96	86	75	70	63	54	45	34	26
52.5°	143	139	131	117	106	98	86	77	69	59	45
50°	198	188	176	163	148	135	122	106	92	82	70
47.5°	255	242	230	215	194	176	161	143	122	104	92
45°	310	290	273	256	236	215	196	176	155	133	113
42.5°	364	336	310	295	272	249	228	209	185	161	139
40°	431	390	363	343	319	285	265	243	218	189	167
37.5°	526	470	436	409	380	344	310	282	253	223	196
35°	654	584	521	480	448	403	362	326	293	260	226
32.5°	794	706	617	554	504	458	413	372	331	295	260
30°	999	855	730	629	565	509	458	413	369	328	293
27.5°	1319	1054	884	731	628	562	506	451	403	360	322
25°	1848	1385	1087	875	711	621	558	495	438	390	349
22.5°	2662	1942	1404	1051	846	717	620	539	473	425	379
20°	4075	2709	1882	1376	1048	829	698	598	524	463	410
17.5°	6276	4244	2505	1788	1322	1009	800	667	575	501	441
15°	8813	5973	3735	2385	1631	1157	893	733	628	542	472
12.5°	11380	7759	4802	2871	1893	1323	1004	812	681	578	497
10°	13413	9356	5914	3573	2226	1492	1100	871	717	606	519
7.5°	15506	10666	6851	4098	2504	1634	1174	917	747	629	538
5°	17033	11729	7648	4511	2723	1743	1232	955	771	648	554
2.5°	18078	12455	8187	4764	2867	1820	1277	984	794	661	564
0°	18561	12799	8437	4944	2948	1867	1312	1003	813	669	571
-2.5°	18448	12778	8284	4881	2952	1892	1324	1008	818	678	577
-5°	17709	12320	8015	4752	2877	1879	1328	1010	819	682	580
-7.5°	16678	11511	7409	4433	2726	1829	1319	1009	818	684	582
-10°	15072	10248	6574	4001	2522	1741	1283	993	809	681	581
-12.5°	13091	8819	5592	3354	2240	1610	1219	961	793	671	576
-15°	10777	7318	4682	2962	2010	1476	1142	919	773	656	567
-17.5°	8492	5726	3595	2438	1773	1359	1084	890	751	642	559
-20°	6242	4161	2900	2061	1543	1220	1010	851	726	629	552

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REPORT NUMBER: P627794 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4329	3143	2255	1690	1364	1122	943	806	694	612	541
-25°	3119	2335	1807	1470	1208	1016	881	767	672	594	526
-27.5°	2291	1810	1521	1266	1072	941	828	728	646	575	513
-30°	1766	1508	1287	1100	976	868	777	695	620	553	498
-32.5°	1432	1272	1107	991	890	806	730	658	591	534	480
-35°	1218	1098	989	900	820	751	683	622	565	511	459
-37.5°	1065	970	895	823	760	700	643	591	539	486	439
-40°	951	877	816	759	707	656	609	561	512	461	418
-42.5°	865	808	752	704	659	620	579	533	486	440	400
-45°	795	745	697	658	621	585	549	507	462	421	382
-47.5°	732	693	654	616	583	550	518	479	440	402	362
-50°	679	644	610	576	549	519	487	454	416	377	341
-52.5°	627	600	573	546	518	488	457	424	388	355	324
-55°	588	564	538	511	485	458	428	395	364	334	301
-57.5°	549	525	502	480	458	430	399	369	338	307	275
-60°	507	487	465	443	422	398	367	337	308	279	249
-62.5°	456	438	419	399	378	356	328	300	275	251	223
-65°	401	383	366	348	328	306	282	261	242	222	197
-67.5°	347	332	315	297	279	260	243	225	208	189	166
-70°	298	284	270	253	237	221	205	189	172	155	138
-72.5°	252	241	228	214	199	184	170	156	141	126	112
-75°	207	198	187	175	163	150	138	126	115	103	92
-77.5°	163	155	147	137	128	119	110	100	90	81	71
-80°	121	115	109	103	96	89	81	73	66	58	51
-82.5°	83	80	77	72	66	60	55	49	44	39	34
-85°	50	48	46	42	39	35	32	28	25	22	19
-87.5°	19	19	19	17	16	14	13	11	10	9	7
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627794 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	1	0	0	0
60°	3	2	1	1	1	0	0	1	1	0	0
57.5°	8	6	4	3	2	1	1	2	2	1	0
55°	17	12	7	4	4	3	2	2	3	2	0
52.5°	33	22	15	8	5	5	3	2	3	4	1
50°	53	37	26	16	7	6	5	3	4	5	3
47.5°	78	57	39	26	16	8	7	4	4	5	4
45°	99	81	57	39	25	15	10	5	5	5	5
42.5°	120	102	79	51	37	23	13	8	5	5	5
40°	145	123	101	72	49	31	20	12	5	5	5
37.5°	171	146	120	92	63	42	27	17	7	6	5
35°	197	170	139	110	80	54	33	22	12	8	5
32.5°	223	192	159	127	95	67	41	28	17	9	5
30°	252	213	177	144	109	80	53	34	22	12	5
27.5°	280	233	194	160	124	91	64	41	26	15	7
25°	307	256	212	174	138	104	75	48	31	18	9
22.5°	332	280	229	187	154	116	85	58	37	22	11
20°	357	303	246	205	169	130	96	66	43	25	13
17.5°	383	325	269	224	183	142	105	74	48	28	15
15°	408	347	290	241	197	154	115	81	54	31	17
12.5°	430	367	309	257	211	164	123	88	60	34	20
10°	449	385	325	272	224	174	131	94	65	37	23
7.5°	466	401	339	285	236	183	138	100	70	40	25
5°	479	414	350	295	244	191	144	105	75	42	27
2.5°	488	422	358	302	252	199	150	109	79	44	29
0°	494	427	365	309	257	206	154	113	82	46	31
-2.5°	500	432	372	315	263	213	159	116	85	51	32
-5°	503	436	377	320	268	218	163	119	88	55	32
-7.5°	505	439	381	323	271	222	166	121	89	58	32
-10°	505	442	384	326	274	224	168	122	91	61	33
-12.5°	503	443	385	328	275	225	171	125	92	63	33
-15°	499	442	384	327	275	225	173	128	94	63	33
-17.5°	494	439	381	324	274	224	174	129	94	62	34
-20°	489	434	377	320	271	223	173	129	94	62	36

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REPORT NUMBER: P627794 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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°	481	426	370	315	268	221	172	127	93	60	37
-25°	471	416	362	311	264	218	169	123	91	59	38
-27.5°	459	405	353	305	259	214	165	121	88	57	38
-30°	444	394	345	298	253	208	159	117	85	56	38
-32.5°	428	383	336	289	245	201	151	112	82	56	38
-35°	413	370	326	279	236	192	145	106	79	55	37
-37.5°	396	356	311	267	226	182	140	104	76	54	36
-40°	380	340	295	256	216	172	135	101	73	52	35
-42.5°	363	322	282	244	204	165	129	97	71	51	34
-45°	343	305	269	231	194	158	123	93	68	49	33
-47.5°	324	291	255	218	184	149	117	88	64	47	31
-50°	309	275	238	204	172	140	109	82	60	44	29
-52.5°	290	255	220	188	159	130	100	75	57	41	27
-55°	267	234	202	173	146	118	90	70	52	38	24
-57.5°	243	211	184	158	131	105	82	63	48	34	23
-60°	219	192	167	141	115	93	73	57	43	30	21
-62.5°	198	173	148	123	101	82	65	51	38	27	18
-65°	172	149	127	106	87	71	57	44	34	24	16
-67.5°	145	126	108	90	74	61	49	39	30	21	15
-70°	121	104	89	74	62	51	42	34	25	19	13
-72.5°	99	85	72	59	51	43	35	28	21	16	12
-75°	79	68	57	49	41	35	29	23	17	13	10
-77.5°	62	53	45	38	33	27	22	17	13	10	8
-80°	45	39	34	30	25	20	16	12	10	8	6
-82.5°	30	27	24	21	17	14	11	8	6	5	5
-85°	17	15	14	12	10	8	6	4	4	3	3
-87.5°	7	7	6	6	5	4	3	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627794 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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°	1	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°	3	2	0	0	0	0	0
40°	4	3	0	0	0	0	0
37.5°	5	4	1	0	0	0	0
35°	5	4	1	0	0	0	0
32.5°	5	4	2	0	0	0	0
30°	5	5	2	0	0	0	0
27.5°	5	5	3	0	0	0	0
25°	5	5	3	0	0	0	0
22.5°	5	5	4	0	0	0	0
20°	5	5	4	0	0	0	0
17.5°	5	5	4	0	0	0	0
15°	6	5	4	0	0	0	0
12.5°	7	5	5	0	0	0	0
10°	7	5	5	0	0	0	0
7.5°	8	5	5	0	0	0	0
5°	9	5	5	0	0	0	0
2.5°	10	5	5	0	0	0	0
0°	10	5	5	0	0	0	0
-2.5°	12	6	5	0	0	0	0
-5°	14	6	5	1	0	0	0
-7.5°	16	7	5	1	0	0	0
-10°	18	7	5	1	0	0	0
-12.5°	19	8	5	2	0	0	0
-15°	20	8	5	2	0	0	0
-17.5°	20	8	5	2	0	0	0
-20°	21	8	5	2	0	0	0

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REPORT NUMBER: P627794 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21	8	5	2	0	0	0
-25°	21	9	5	2	0	0	0
-27.5°	21	9	5	2	0	0	0
-30°	21	10	5	2	0	0	0
-32.5°	21	10	6	2	0	0	0
-35°	21	10	6	2	0	0	0
-37.5°	21	11	6	2	0	0	0
-40°	21	11	7	1	0	0	0
-42.5°	20	11	7	1	0	0	0
-45°	19	11	6	1	0	0	0
-47.5°	18	11	6	1	0	0	0
-50°	18	11	6	1	0	0	0
-52.5°	17	10	5	1	0	0	0
-55°	16	10	5	1	0	0	0
-57.5°	15	9	4	1	0	0	0
-60°	13	9	4	1	0	0	0
-62.5°	12	8	4	1	0	0	0
-65°	12	7	4	1	0	0	0
-67.5°	11	6	3	1	0	0	0
-70°	10	6	3	1	0	0	0
-72.5°	9	5	3	1	0	0	0
-75°	8	5	2	1	0	0	0
-77.5°	6	4	2	1	0	0	0
-80°	5	3	2	1	0	0	0
-82.5°	4	2	1	0	0	0	0
-85°	3	2	1	0	0	0	0
-87.5°	1	1	0	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)