

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: P626660 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-727-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626660 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-727-U-VWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

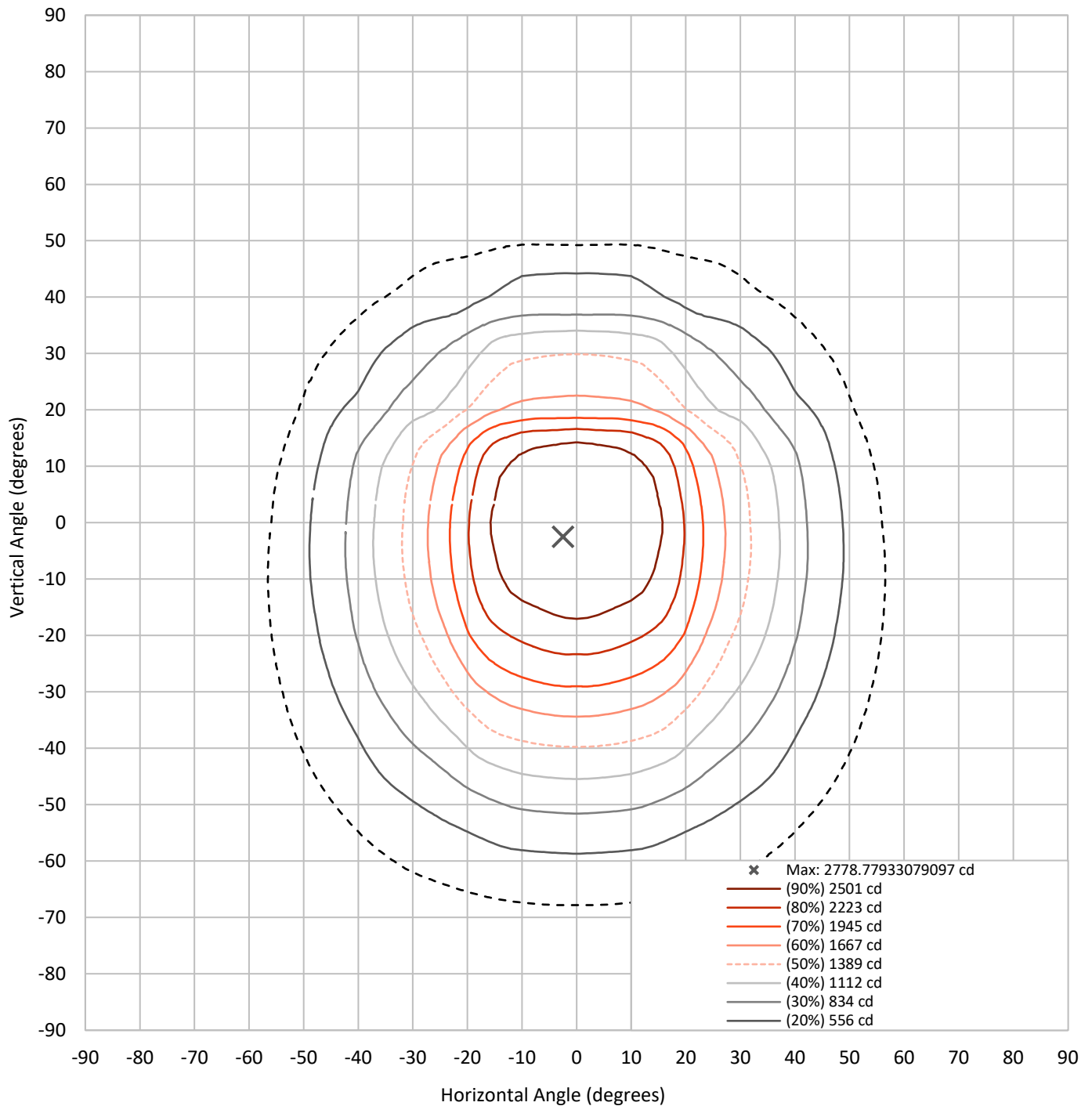
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	3708.3 lumens	Max Intensity:	2778.8 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	85.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	2145.5 lumens	Field Lumens:	3519 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	43.5		
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		



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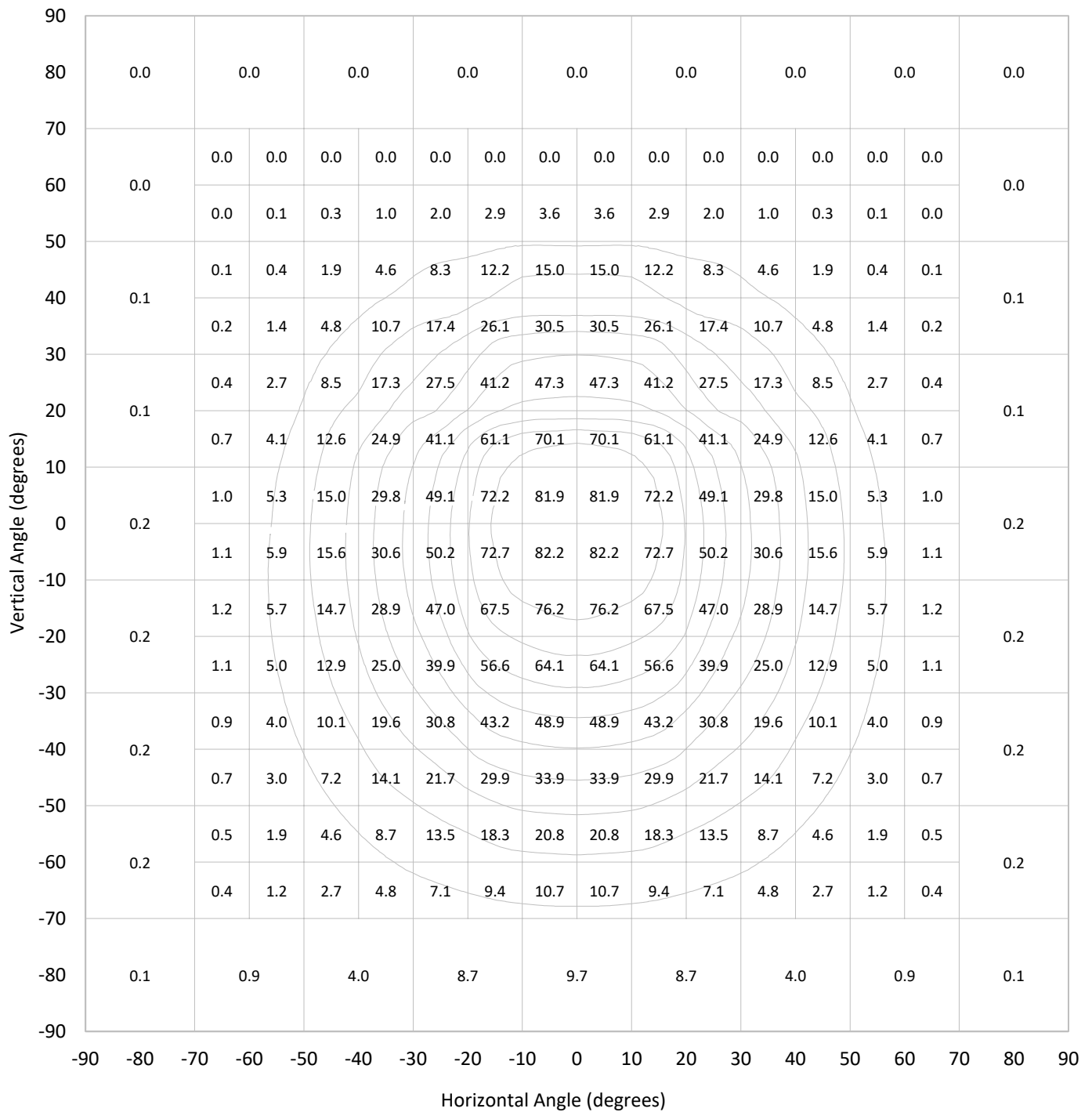
Iso-Candela Plot





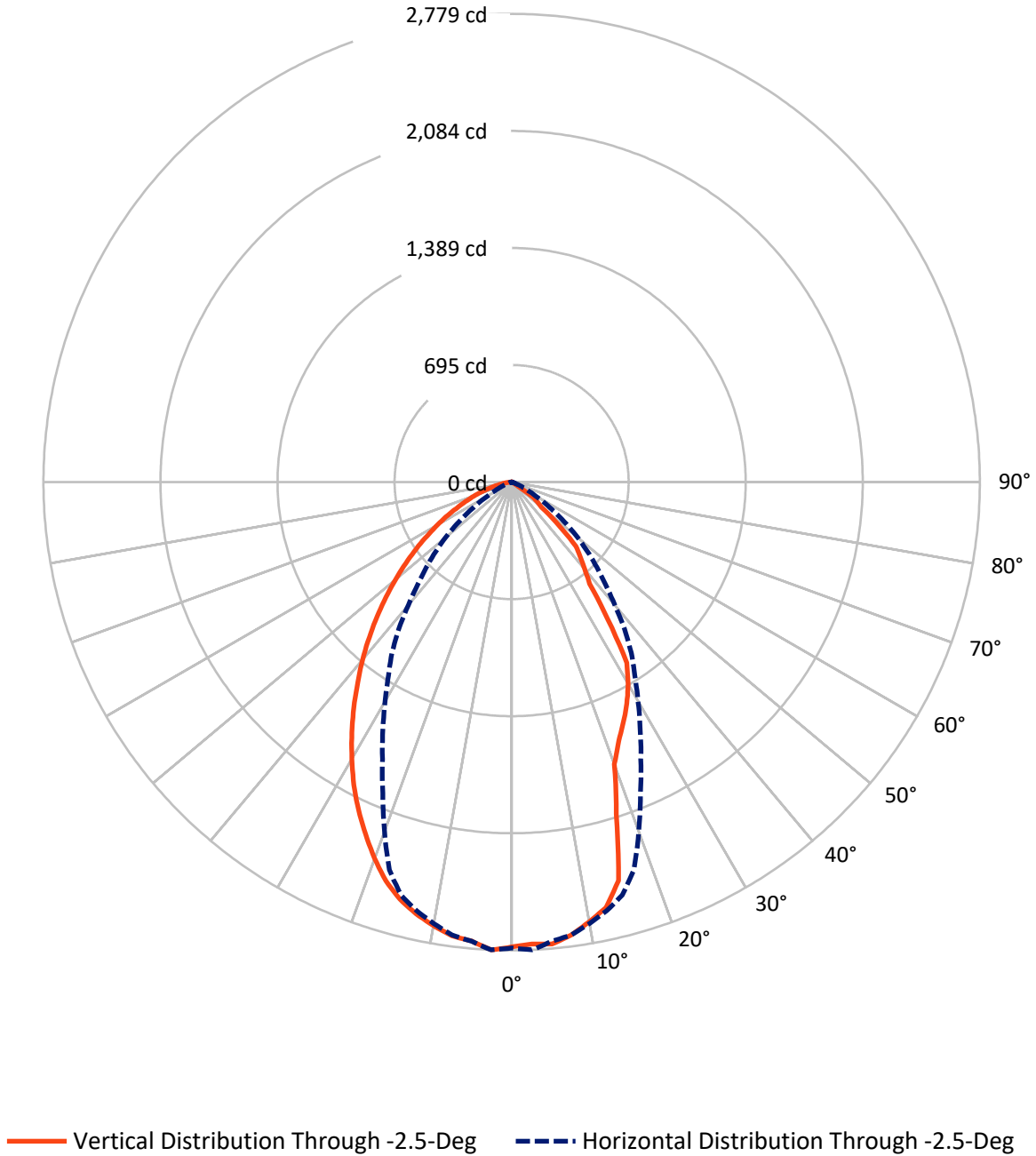
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Lumen Table



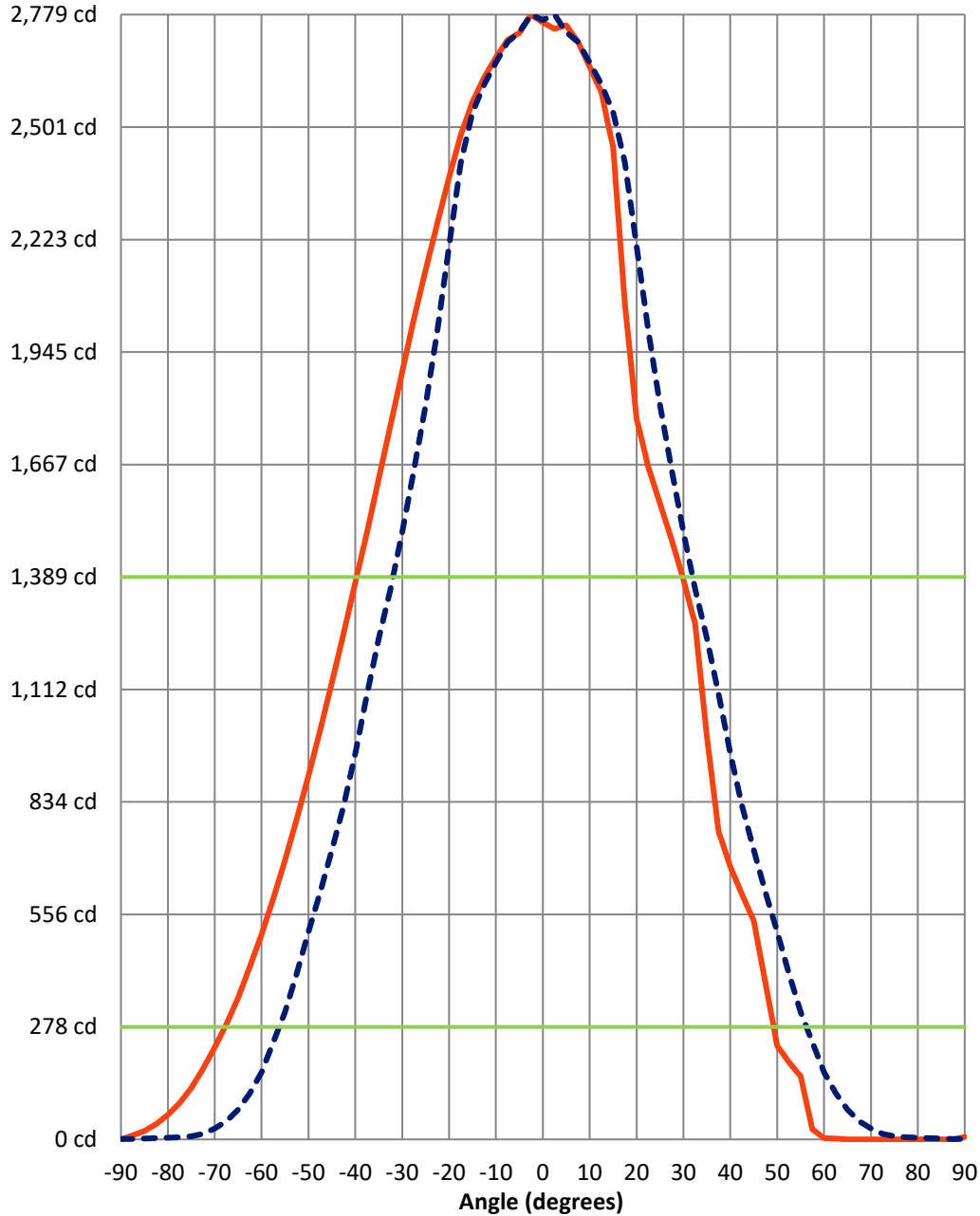
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 2145.5
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 3519
 Efficiency: 94.9%

Spill:
 Lumens: 189.3
 Efficiency: 5.1%

— Vertical Distribution through -2.5-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°	1	1	1	1	2	2	2	2	3	3	3
87.5°	1	1	1	1	1	1	1	1	0	0	0
85°	1	1	1	1	1	1	0	0	0	0	0
82.5°	1	1	1	1	1	1	0	0	0	0	0
80°	1	1	1	1	1	0	0	0	0	1	1
77.5°	1	1	1	1	1	0	0	0	1	1	1
75°	1	1	1	1	1	0	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	0
70°	1	1	1	1	1	1	1	1	1	0	0
67.5°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	2	1
60°	1	1	1	1	1	1	1	1	2	2	2
57.5°	1	1	1	1	1	1	1	2	2	2	2
55°	1	1	1	1	1	1	2	2	2	2	3
52.5°	1	1	1	1	1	2	2	2	3	3	3
50°	1	1	1	1	1	2	2	3	3	3	3
47.5°	1	1	1	1	2	2	3	3	3	4	4
45°	1	1	1	1	2	2	3	3	4	4	4
42.5°	1	1	1	1	2	2	3	4	4	5	5
40°	1	1	1	1	2	3	3	4	5	5	6
37.5°	1	1	1	2	2	3	3	4	5	6	8
35°	1	1	1	2	2	3	4	5	5	7	10
32.5°	1	1	1	2	2	3	4	5	6	9	14
30°	1	1	1	2	3	3	4	5	6	10	18
27.5°	1	1	1	2	3	3	4	6	7	12	22
25°	1	1	2	2	3	4	5	6	9	15	25
22.5°	1	1	2	2	3	4	5	7	10	18	30
20°	1	1	2	2	3	4	5	7	12	21	35
17.5°	1	1	2	3	3	4	6	7	14	24	40
15°	1	1	2	3	3	4	6	8	15	27	45
12.5°	1	1	2	3	4	4	6	9	17	29	49
10°	1	1	2	3	4	5	7	9	19	32	54
7.5°	1	1	2	3	4	5	7	10	21	35	59
5°	1	1	2	3	4	5	7	11	23	37	63
2.5°	1	1	2	3	4	5	7	12	24	39	67
0°	1	1	2	3	4	5	7	12	26	41	70
-2.5°	1	1	2	3	4	5	8	14	27	45	74
-5°	1	1	2	3	4	5	8	15	28	48	76
-7.5°	1	1	2	3	4	5	8	16	28	50	78
-10°	1	1	2	3	4	6	9	17	29	52	80
-12.5°	1	1	2	3	4	6	9	17	29	53	81
-15°	1	1	2	3	4	6	9	18	30	52	81
-17.5°	1	1	2	3	4	6	9	18	31	52	81
-20°	1	1	2	3	4	6	9	18	31	51	79

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CATALOG NUMBER: GFLD-SA1C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	1	1	2	3	4	6	10	19	32	50	77
-25°	1	1	2	3	4	6	10	19	31	48	73
-27.5°	1	1	2	3	4	7	11	18	31	46	70
-30°	1	1	2	3	4	7	11	18	30	46	67
-32.5°	1	1	2	3	4	7	11	18	30	45	64
-35°	1	1	2	3	4	8	11	18	29	43	60
-37.5°	1	1	2	2	4	8	12	18	27	41	59
-40°	1	1	2	2	4	8	12	18	26	39	57
-42.5°	1	1	2	2	4	8	12	17	25	37	54
-45°	1	1	1	2	5	8	12	17	24	35	51
-47.5°	1	1	1	2	4	8	12	17	23	33	48
-50°	1	1	1	2	4	8	11	16	23	32	44
-52.5°	1	1	1	2	4	7	11	16	22	31	41
-55°	1	1	1	2	4	7	11	15	21	29	39
-57.5°	1	1	1	2	4	7	10	14	20	28	37
-60°	1	1	1	2	4	6	10	14	19	26	35
-62.5°	1	1	1	2	3	6	9	13	17	24	32
-65°	1	1	1	2	3	5	8	11	16	21	29
-67.5°	1	1	1	2	3	5	7	10	13	18	25
-70°	1	1	1	1	3	4	6	9	11	15	20
-72.5°	1	1	1	1	2	4	5	7	9	12	15
-75°	1	1	1	1	2	3	5	6	7	10	12
-77.5°	1	1	1	1	2	3	4	5	6	7	9
-80°	1	1	1	1	2	2	3	4	5	6	7
-82.5°	1	1	1	1	2	2	3	3	4	4	5
-85°	1	1	1	1	2	2	3	3	3	4	4
-87.5°	1	1	1	1	2	2	2	3	3	3	4
-90°	1	1	1	1	1	1	1	1	0	0	0



REPORT NUMBER: P626660 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	3	3	3	3	3	3	3	3	3	4	4
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°	1	1	0	0	0	0	0	0	0	0	0
77.5°	1	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°	1	1	0	0	0	0	0	0	0	0	0
67.5°	1	1	0	0	0	1	0	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	2	2	2	2	2	1	2	2
60°	2	2	2	2	2	2	2	2	3	3	6
57.5°	2	2	2	3	3	3	3	3	8	13	15
55°	3	3	3	4	4	4	6	12	18	25	28
52.5°	3	3	4	5	5	8	14	23	32	40	50
50°	4	4	5	6	10	17	27	38	52	65	78
47.5°	5	6	7	10	19	30	43	61	78	94	112
45°	6	8	9	19	30	44	66	89	104	125	156
42.5°	7	11	17	29	42	64	91	111	131	165	198
40°	10	14	26	40	57	88	116	139	166	203	238
37.5°	13	22	35	51	80	114	144	176	208	243	308
35°	17	29	46	69	103	143	179	214	251	320	384
32.5°	23	35	58	88	127	172	213	254	313	391	456
30°	28	45	71	107	151	198	248	297	375	440	510
27.5°	34	56	87	126	173	223	279	350	419	483	560
25°	40	68	102	145	194	249	314	400	454	525	605
22.5°	48	78	116	161	214	277	359	446	510	569	648
20°	57	91	132	182	233	304	405	495	570	639	711
17.5°	66	102	149	203	262	338	449	549	632	708	798
15°	74	112	165	224	289	378	488	599	693	779	881
12.5°	81	122	181	242	316	412	522	629	733	844	960
10°	87	131	196	260	340	440	549	655	760	877	1006
7.5°	94	139	209	276	362	464	571	676	781	904	1036
5°	101	146	220	287	379	483	588	691	797	923	1059
2.5°	106	153	229	296	392	496	598	704	809	939	1076
0°	111	158	235	303	401	506	605	713	816	950	1087
-2.5°	114	166	240	315	410	513	610	715	824	954	1100
-5°	116	173	243	324	415	515	612	713	826	953	1102
-7.5°	117	178	244	329	417	514	609	710	823	949	1093
-10°	118	179	246	328	415	508	602	701	813	939	1078
-12.5°	120	178	246	324	409	500	592	688	798	921	1056
-15°	121	176	243	319	401	489	578	670	778	903	1032
-17.5°	120	173	237	312	390	475	562	654	760	883	1007
-20°	117	168	228	305	376	461	546	637	739	855	979

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REPORT NUMBER: P626660 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	112	163	219	294	365	444	527	614	713	818	941
-25°	107	158	211	279	351	424	505	586	682	785	895
-27.5°	103	150	204	263	335	403	481	560	648	749	849
-30°	97	141	194	247	316	383	454	531	610	706	805
-32.5°	92	132	184	235	295	360	424	498	576	657	755
-35°	89	127	172	222	274	336	397	461	536	612	698
-37.5°	86	121	160	207	257	310	367	426	492	569	650
-40°	81	114	152	194	237	286	339	392	449	524	604
-42.5°	76	107	143	179	219	263	310	360	415	480	554
-45°	72	99	134	166	199	239	284	329	380	437	503
-47.5°	66	90	122	152	181	215	256	299	344	395	449
-50°	60	82	107	136	164	192	227	267	308	352	400
-52.5°	56	73	96	120	146	172	202	236	273	310	352
-55°	51	66	85	107	129	153	180	210	240	274	308
-57.5°	47	60	76	95	115	136	161	186	214	242	270
-60°	44	54	68	85	103	122	142	166	190	213	237
-62.5°	41	50	61	74	90	107	125	145	167	186	205
-65°	37	45	54	65	78	92	107	124	143	159	174
-67.5°	32	39	46	55	66	77	88	103	118	131	143
-70°	26	32	39	46	54	64	74	84	94	105	116
-72.5°	20	26	31	36	43	50	59	67	76	85	94
-75°	15	19	24	28	33	38	43	50	59	67	75
-77.5°	12	15	18	21	24	27	31	36	43	51	59
-80°	8	10	13	15	17	19	21	24	29	35	42
-82.5°	6	7	9	10	11	12	13	15	19	23	28
-85°	4	5	5	6	7	7	8	9	11	13	16
-87.5°	4	4	4	4	4	4	5	5	5	6	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626660 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	4	4	5	5	5	5	6	6	6	6	6
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	1	1	0	0	0	0	0	0	0	0
65°	1	1	1	0	0	0	1	1	1	1	1
62.5°	2	1	1	2	2	2	2	2	2	2	2
60°	6	4	5	6	6	4	6	7	6	4	4
57.5°	16	15	17	25	28	25	30	37	36	31	31
55°	33	44	58	60	70	89	104	97	97	102	118
52.5°	63	74	78	88	108	123	132	141	152	163	173
50°	92	103	115	125	153	168	165	185	211	226	235
47.5°	135	152	177	216	236	251	269	292	321	361	391
45°	186	212	250	292	324	338	359	394	441	486	519
42.5°	228	263	306	346	372	396	423	453	506	554	592
40°	282	309	358	395	419	442	486	530	580	625	656
37.5°	350	381	432	474	497	505	579	640	681	738	757
35°	424	475	540	594	616	660	736	821	914	948	977
32.5°	506	569	657	716	747	813	909	1001	1122	1187	1207
30°	582	654	729	786	840	920	1007	1120	1232	1316	1342
27.5°	637	716	789	842	903	989	1099	1212	1322	1408	1438
25°	689	780	837	899	970	1064	1185	1312	1420	1493	1530
22.5°	749	838	900	952	1045	1154	1266	1409	1524	1582	1622
20°	811	912	1007	1056	1136	1274	1399	1534	1645	1705	1748
17.5°	898	1026	1142	1212	1298	1462	1619	1756	1910	1964	2016
15°	989	1137	1274	1383	1494	1657	1859	2024	2200	2278	2367
12.5°	1079	1220	1343	1485	1642	1786	1978	2183	2343	2443	2503
10°	1147	1278	1397	1539	1695	1858	2049	2259	2426	2512	2561
7.5°	1184	1309	1434	1578	1734	1907	2104	2313	2484	2566	2614
5°	1211	1331	1461	1612	1770	1946	2142	2348	2504	2592	2653
2.5°	1228	1345	1478	1635	1792	1975	2182	2395	2532	2602	2658
0°	1232	1350	1487	1646	1808	1993	2197	2409	2546	2615	2672
-2.5°	1238	1359	1500	1654	1814	1998	2207	2413	2537	2606	2661
-5°	1234	1360	1500	1647	1809	1992	2192	2385	2514	2589	2643
-7.5°	1223	1351	1490	1631	1789	1974	2173	2359	2491	2569	2628
-10°	1207	1331	1471	1614	1770	1946	2142	2327	2453	2536	2605
-12.5°	1189	1310	1445	1582	1737	1911	2101	2276	2401	2492	2541
-15°	1162	1283	1412	1545	1696	1864	2046	2214	2337	2411	2465
-17.5°	1128	1247	1369	1495	1637	1803	1986	2151	2252	2318	2371
-20°	1092	1202	1318	1436	1574	1739	1918	2062	2157	2220	2271

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CATALOG NUMBER: GFLD-SA1C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1050	1156	1262	1376	1511	1662	1820	1960	2061	2119	2166
-25°	1003	1106	1206	1316	1440	1576	1723	1860	1951	2013	2059
-27.5°	952	1049	1147	1245	1357	1492	1629	1756	1833	1896	1942
-30°	901	988	1079	1172	1277	1399	1526	1633	1715	1775	1819
-32.5°	845	928	1009	1096	1195	1302	1414	1516	1603	1658	1695
-35°	789	869	943	1022	1109	1201	1305	1405	1492	1535	1571
-37.5°	730	810	880	946	1021	1107	1207	1303	1378	1415	1447
-40°	679	749	812	875	936	1012	1106	1199	1259	1296	1325
-42.5°	629	688	740	797	858	933	1009	1086	1134	1175	1206
-45°	571	624	672	720	775	844	913	975	1020	1059	1090
-47.5°	507	558	605	647	699	756	814	866	911	949	977
-50°	447	493	539	582	626	673	720	765	807	845	868
-52.5°	394	436	476	513	553	592	631	672	711	747	765
-55°	345	384	420	451	483	514	547	585	621	654	668
-57.5°	302	335	367	393	419	444	473	505	537	565	576
-60°	262	288	315	338	361	382	407	434	459	480	490
-62.5°	225	247	268	287	306	325	345	366	387	403	412
-65°	190	208	224	240	255	271	287	303	318	330	337
-67.5°	157	170	183	195	208	221	234	246	257	266	273
-70°	127	138	148	158	168	179	188	197	206	212	217
-72.5°	102	111	120	129	137	145	152	158	165	168	171
-75°	83	90	97	105	112	118	123	128	132	132	132
-77.5°	67	73	79	85	91	94	97	100	103	102	99
-80°	49	54	59	64	69	71	73	74	75	73	70
-82.5°	33	36	39	42	46	47	48	49	50	47	45
-85°	18	20	21	23	24	25	26	27	28	26	25
-87.5°	8	8	8	9	9	9	10	10	10	10	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626660 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	6	6	6	6	6	6	6	6	6	6	6
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	1	1	1	1
62.5°	2	2	2	2	2	2	2	2	2	2	2
60°	4	3	3	3	3	3	4	4	4	6	7
57.5°	29	25	25	28	25	25	29	31	31	36	37
55°	134	150	156	153	156	150	134	118	102	97	97
52.5°	182	188	191	191	191	188	182	173	163	152	141
50°	237	235	232	228	232	235	237	235	226	211	185
47.5°	396	389	386	391	386	389	396	391	361	321	292
45°	526	534	540	539	540	534	526	519	486	441	394
42.5°	600	604	605	604	605	604	600	592	554	506	453
40°	666	671	674	676	674	671	666	656	625	580	530
37.5°	763	765	761	758	761	765	763	757	738	681	640
35°	1002	1007	995	1007	995	1007	1002	977	948	914	821
32.5°	1231	1253	1272	1287	1272	1253	1231	1207	1187	1122	1001
30°	1360	1375	1383	1385	1383	1375	1360	1342	1316	1232	1120
27.5°	1455	1471	1480	1488	1480	1471	1455	1438	1408	1322	1212
25°	1547	1561	1571	1575	1571	1561	1547	1530	1493	1420	1312
22.5°	1642	1652	1661	1666	1661	1652	1642	1622	1582	1524	1409
20°	1779	1773	1782	1779	1782	1773	1779	1748	1705	1645	1534
17.5°	2057	2060	2065	2075	2065	2060	2057	2016	1964	1910	1756
15°	2406	2414	2449	2481	2449	2414	2406	2367	2278	2200	2024
12.5°	2558	2583	2586	2595	2586	2583	2558	2503	2443	2343	2183
10°	2609	2651	2650	2661	2650	2651	2609	2561	2512	2426	2259
7.5°	2647	2692	2712	2720	2712	2692	2647	2614	2566	2484	2313
5°	2694	2719	2752	2743	2752	2719	2694	2653	2592	2504	2348
2.5°	2714	2753	2744	2753	2744	2753	2714	2658	2602	2532	2395
0°	2727	2755	2759	2769	2759	2755	2727	2672	2615	2546	2409
-2.5°	2711	2736	2779	2765	2779	2736	2711	2661	2606	2537	2413
-5°	2697	2758	2734	2763	2734	2758	2697	2643	2589	2514	2385
-7.5°	2690	2700	2716	2738	2716	2700	2690	2628	2569	2491	2359
-10°	2633	2644	2673	2689	2673	2644	2633	2605	2536	2453	2327
-12.5°	2572	2594	2624	2634	2624	2594	2572	2541	2492	2401	2276
-15°	2502	2534	2563	2569	2563	2534	2502	2465	2411	2337	2214
-17.5°	2412	2451	2482	2489	2482	2451	2412	2371	2318	2252	2151
-20°	2314	2351	2377	2385	2377	2351	2314	2271	2220	2157	2062

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REPORT NUMBER: P626660 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2208	2241	2264	2260	2264	2241	2208	2166	2119	2061	1960
-25°	2096	2127	2148	2145	2148	2127	2096	2059	2013	1951	1860
-27.5°	1978	2007	2027	2028	2027	2007	1978	1942	1896	1833	1756
-30°	1853	1880	1896	1890	1896	1880	1853	1819	1775	1715	1633
-32.5°	1725	1749	1764	1769	1764	1749	1725	1695	1658	1603	1516
-35°	1598	1619	1633	1636	1633	1619	1598	1571	1535	1492	1405
-37.5°	1473	1491	1500	1496	1500	1491	1473	1447	1415	1378	1303
-40°	1348	1366	1376	1379	1376	1366	1348	1325	1296	1259	1199
-42.5°	1226	1240	1250	1254	1250	1240	1226	1206	1175	1134	1086
-45°	1108	1120	1129	1134	1129	1120	1108	1090	1059	1020	975
-47.5°	992	1003	1011	1014	1011	1003	992	977	949	911	866
-50°	882	891	898	902	898	891	882	868	845	807	765
-52.5°	777	786	792	795	792	786	777	765	747	711	672
-55°	677	684	690	693	690	684	677	668	654	621	585
-57.5°	584	590	595	598	595	590	584	576	565	537	505
-60°	497	502	507	509	507	502	497	490	480	459	434
-62.5°	418	423	427	429	427	423	418	412	403	387	366
-65°	343	347	350	352	350	347	343	337	330	318	303
-67.5°	279	284	285	284	285	284	279	273	266	257	246
-70°	222	226	227	227	227	226	222	217	212	206	197
-72.5°	174	176	174	171	174	176	174	171	168	165	158
-75°	130	129	127	125	127	129	130	132	132	132	128
-77.5°	95	92	90	87	90	92	95	99	102	103	100
-80°	66	63	61	58	61	63	66	70	73	75	74
-82.5°	42	39	38	36	38	39	42	45	47	50	49
-85°	23	22	21	20	21	22	23	25	26	28	27
-87.5°	10	10	10	9	10	10	10	10	10	10	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626660 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6	5	5	5	5	4	4	4	4	3	3
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	1	1	0	1	1	1	1
65°	1	0	0	0	1	1	1	1	1	1	1
62.5°	2	2	2	2	1	1	2	2	2	1	2
60°	6	4	6	6	5	4	6	6	3	3	2
57.5°	30	25	28	25	17	15	16	15	13	8	3
55°	104	89	70	60	58	44	33	28	25	18	12
52.5°	132	123	108	88	78	74	63	50	40	32	23
50°	165	168	153	125	115	103	92	78	65	52	38
47.5°	269	251	236	216	177	152	135	112	94	78	61
45°	359	338	324	292	250	212	186	156	125	104	89
42.5°	423	396	372	346	306	263	228	198	165	131	111
40°	486	442	419	395	358	309	282	238	203	166	139
37.5°	579	505	497	474	432	381	350	308	243	208	176
35°	736	660	616	594	540	475	424	384	320	251	214
32.5°	909	813	747	716	657	569	506	456	391	313	254
30°	1007	920	840	786	729	654	582	510	440	375	297
27.5°	1099	989	903	842	789	716	637	560	483	419	350
25°	1185	1064	970	899	837	780	689	605	525	454	400
22.5°	1266	1154	1045	952	900	838	749	648	569	510	446
20°	1399	1274	1136	1056	1007	912	811	711	639	570	495
17.5°	1619	1462	1298	1212	1142	1026	898	798	708	632	549
15°	1859	1657	1494	1383	1274	1137	989	881	779	693	599
12.5°	1978	1786	1642	1485	1343	1220	1079	960	844	733	629
10°	2049	1858	1695	1539	1397	1278	1147	1006	877	760	655
7.5°	2104	1907	1734	1578	1434	1309	1184	1036	904	781	676
5°	2142	1946	1770	1612	1461	1331	1211	1059	923	797	691
2.5°	2182	1975	1792	1635	1478	1345	1228	1076	939	809	704
0°	2197	1993	1808	1646	1487	1350	1232	1087	950	816	713
-2.5°	2207	1998	1814	1654	1500	1359	1238	1100	954	824	715
-5°	2192	1992	1809	1647	1500	1360	1234	1102	953	826	713
-7.5°	2173	1974	1789	1631	1490	1351	1223	1093	949	823	710
-10°	2142	1946	1770	1614	1471	1331	1207	1078	939	813	701
-12.5°	2101	1911	1737	1582	1445	1310	1189	1056	921	798	688
-15°	2046	1864	1696	1545	1412	1283	1162	1032	903	778	670
-17.5°	1986	1803	1637	1495	1369	1247	1128	1007	883	760	654
-20°	1918	1739	1574	1436	1318	1202	1092	979	855	739	637

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REPORT NUMBER: P626660 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1820	1662	1511	1376	1262	1156	1050	941	818	713	614
-25°	1723	1576	1440	1316	1206	1106	1003	895	785	682	586
-27.5°	1629	1492	1357	1245	1147	1049	952	849	749	648	560
-30°	1526	1399	1277	1172	1079	988	901	805	706	610	531
-32.5°	1414	1302	1195	1096	1009	928	845	755	657	576	498
-35°	1305	1201	1109	1022	943	869	789	698	612	536	461
-37.5°	1207	1107	1021	946	880	810	730	650	569	492	426
-40°	1106	1012	936	875	812	749	679	604	524	449	392
-42.5°	1009	933	858	797	740	688	629	554	480	415	360
-45°	913	844	775	720	672	624	571	503	437	380	329
-47.5°	814	756	699	647	605	558	507	449	395	344	299
-50°	720	673	626	582	539	493	447	400	352	308	267
-52.5°	631	592	553	513	476	436	394	352	310	273	236
-55°	547	514	483	451	420	384	345	308	274	240	210
-57.5°	473	444	419	393	367	335	302	270	242	214	186
-60°	407	382	361	338	315	288	262	237	213	190	166
-62.5°	345	325	306	287	268	247	225	205	186	167	145
-65°	287	271	255	240	224	208	190	174	159	143	124
-67.5°	234	221	208	195	183	170	157	143	131	118	103
-70°	188	179	168	158	148	138	127	116	105	94	84
-72.5°	152	145	137	129	120	111	102	94	85	76	67
-75°	123	118	112	105	97	90	83	75	67	59	50
-77.5°	97	94	91	85	79	73	67	59	51	43	36
-80°	73	71	69	64	59	54	49	42	35	29	24
-82.5°	48	47	46	42	39	36	33	28	23	19	15
-85°	26	25	24	23	21	20	18	16	13	11	9
-87.5°	10	9	9	9	8	8	8	7	6	5	5
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626660 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	3	3	3	3	3	3	3	3	3	3	2
87.5°	0	0	0	0	0	0	0	0	0	0	1
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	1	1	1	1	0	0
77.5°	0	0	0	0	0	0	1	1	1	1	0
75°	0	0	0	0	0	0	0	1	1	1	1
72.5°	0	0	0	0	0	0	0	0	1	1	1
70°	0	0	0	0	0	1	1	0	0	1	1
67.5°	0	1	0	0	0	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
62.5°	2	2	2	2	1	1	1	1	2	1	1
60°	2	2	2	2	2	2	2	2	2	2	1
57.5°	3	3	3	3	2	2	2	2	2	2	2
55°	6	4	4	4	3	3	3	3	2	2	2
52.5°	14	8	5	5	4	3	3	3	3	3	2
50°	27	17	10	6	5	4	4	3	3	3	3
47.5°	43	30	19	10	7	6	5	4	4	3	3
45°	66	44	30	19	9	8	6	4	4	4	3
42.5°	91	64	42	29	17	11	7	5	5	4	4
40°	116	88	57	40	26	14	10	6	5	5	4
37.5°	144	114	80	51	35	22	13	8	6	5	4
35°	179	143	103	69	46	29	17	10	7	5	5
32.5°	213	172	127	88	58	35	23	14	9	6	5
30°	248	198	151	107	71	45	28	18	10	6	5
27.5°	279	223	173	126	87	56	34	22	12	7	6
25°	314	249	194	145	102	68	40	25	15	9	6
22.5°	359	277	214	161	116	78	48	30	18	10	7
20°	405	304	233	182	132	91	57	35	21	12	7
17.5°	449	338	262	203	149	102	66	40	24	14	7
15°	488	378	289	224	165	112	74	45	27	15	8
12.5°	522	412	316	242	181	122	81	49	29	17	9
10°	549	440	340	260	196	131	87	54	32	19	9
7.5°	571	464	362	276	209	139	94	59	35	21	10
5°	588	483	379	287	220	146	101	63	37	23	11
2.5°	598	496	392	296	229	153	106	67	39	24	12
0°	605	506	401	303	235	158	111	70	41	26	12
-2.5°	610	513	410	315	240	166	114	74	45	27	14
-5°	612	515	415	324	243	173	116	76	48	28	15
-7.5°	609	514	417	329	244	178	117	78	50	28	16
-10°	602	508	415	328	246	179	118	80	52	29	17
-12.5°	592	500	409	324	246	178	120	81	53	29	17
-15°	578	489	401	319	243	176	121	81	52	30	18
-17.5°	562	475	390	312	237	173	120	81	52	31	18
-20°	546	461	376	305	228	168	117	79	51	31	18

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CATALOG NUMBER: GFLD-SA1C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	527	444	365	294	219	163	112	77	50	32	19
-25°	505	424	351	279	211	158	107	73	48	31	19
-27.5°	481	403	335	263	204	150	103	70	46	31	18
-30°	454	383	316	247	194	141	97	67	46	30	18
-32.5°	424	360	295	235	184	132	92	64	45	30	18
-35°	397	336	274	222	172	127	89	60	43	29	18
-37.5°	367	310	257	207	160	121	86	59	41	27	18
-40°	339	286	237	194	152	114	81	57	39	26	18
-42.5°	310	263	219	179	143	107	76	54	37	25	17
-45°	284	239	199	166	134	99	72	51	35	24	17
-47.5°	256	215	181	152	122	90	66	48	33	23	17
-50°	227	192	164	136	107	82	60	44	32	23	16
-52.5°	202	172	146	120	96	73	56	41	31	22	16
-55°	180	153	129	107	85	66	51	39	29	21	15
-57.5°	161	136	115	95	76	60	47	37	28	20	14
-60°	142	122	103	85	68	54	44	35	26	19	14
-62.5°	125	107	90	74	61	50	41	32	24	17	13
-65°	107	92	78	65	54	45	37	29	21	16	11
-67.5°	88	77	66	55	46	39	32	25	18	13	10
-70°	74	64	54	46	39	32	26	20	15	11	9
-72.5°	59	50	43	36	31	26	20	15	12	9	7
-75°	43	38	33	28	24	19	15	12	10	7	6
-77.5°	31	27	24	21	18	15	12	9	7	6	5
-80°	21	19	17	15	13	10	8	7	6	5	4
-82.5°	13	12	11	10	9	7	6	5	4	4	3
-85°	8	7	7	6	5	5	4	4	4	3	3
-87.5°	5	4	4	4	4	4	4	4	3	3	3
-90°	0	0	0	0	0	0	0	0	0	0	1

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REPORT NUMBER: P626660 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	2	2	2	1	1	1	1
87.5°	1	1	1	1	1	1	1
85°	0	1	1	1	1	1	1
82.5°	0	1	1	1	1	1	1
80°	0	0	1	1	1	1	1
77.5°	0	0	1	1	1	1	1
75°	1	0	1	1	1	1	1
72.5°	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1
55°	2	1	1	1	1	1	1
52.5°	2	2	1	1	1	1	1
50°	2	2	1	1	1	1	1
47.5°	3	2	2	1	1	1	1
45°	3	2	2	1	1	1	1
42.5°	3	2	2	1	1	1	1
40°	3	3	2	1	1	1	1
37.5°	3	3	2	2	1	1	1
35°	4	3	2	2	1	1	1
32.5°	4	3	2	2	1	1	1
30°	4	3	3	2	1	1	1
27.5°	4	3	3	2	1	1	1
25°	5	4	3	2	2	1	1
22.5°	5	4	3	2	2	1	1
20°	5	4	3	2	2	1	1
17.5°	6	4	3	3	2	1	1
15°	6	4	3	3	2	1	1
12.5°	6	4	4	3	2	1	1
10°	7	5	4	3	2	1	1
7.5°	7	5	4	3	2	1	1
5°	7	5	4	3	2	1	1
2.5°	7	5	4	3	2	1	1
0°	7	5	4	3	2	1	1
-2.5°	8	5	4	3	2	1	1
-5°	8	5	4	3	2	1	1
-7.5°	8	5	4	3	2	1	1
-10°	9	6	4	3	2	1	1
-12.5°	9	6	4	3	2	1	1
-15°	9	6	4	3	2	1	1
-17.5°	9	6	4	3	2	1	1
-20°	9	6	4	3	2	1	1

Classified

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

Scaled Data Report



REPORT NUMBER: P626660 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-727-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)