

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: P628006 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-740-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P628006 (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-740-U-MWR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 46354.2 lumens
Efficiency: N/A
Efficacy: 123.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 64941.8 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 31048 lumens
Beam Efficiency: 67.0%

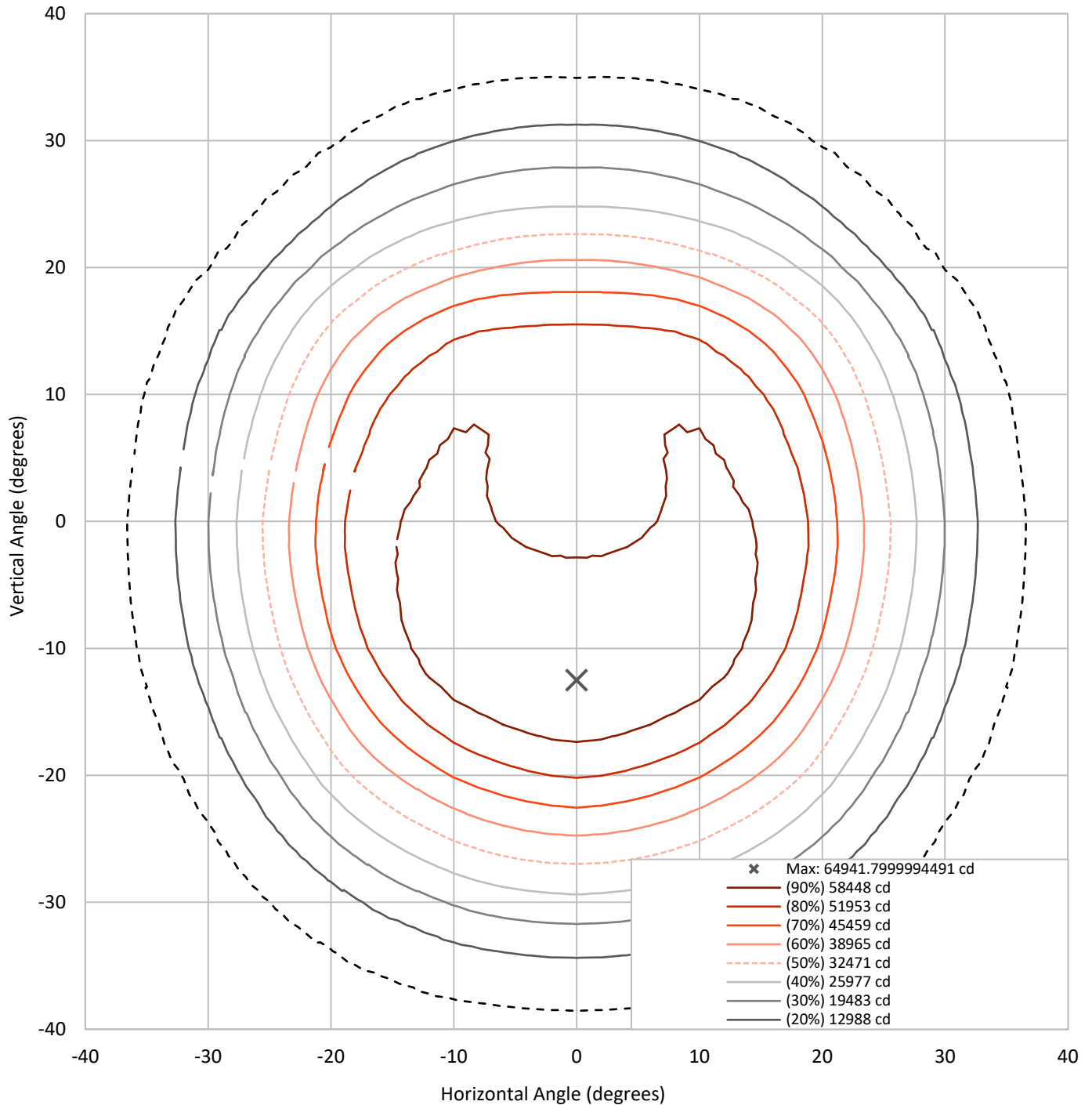
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 41781.3 lumens
Field Efficiency: 90.1%

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



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CATALOG NUMBER: GFLD-SA6E-740-U-MWR-VSR-XX

Iso-Candela Plot





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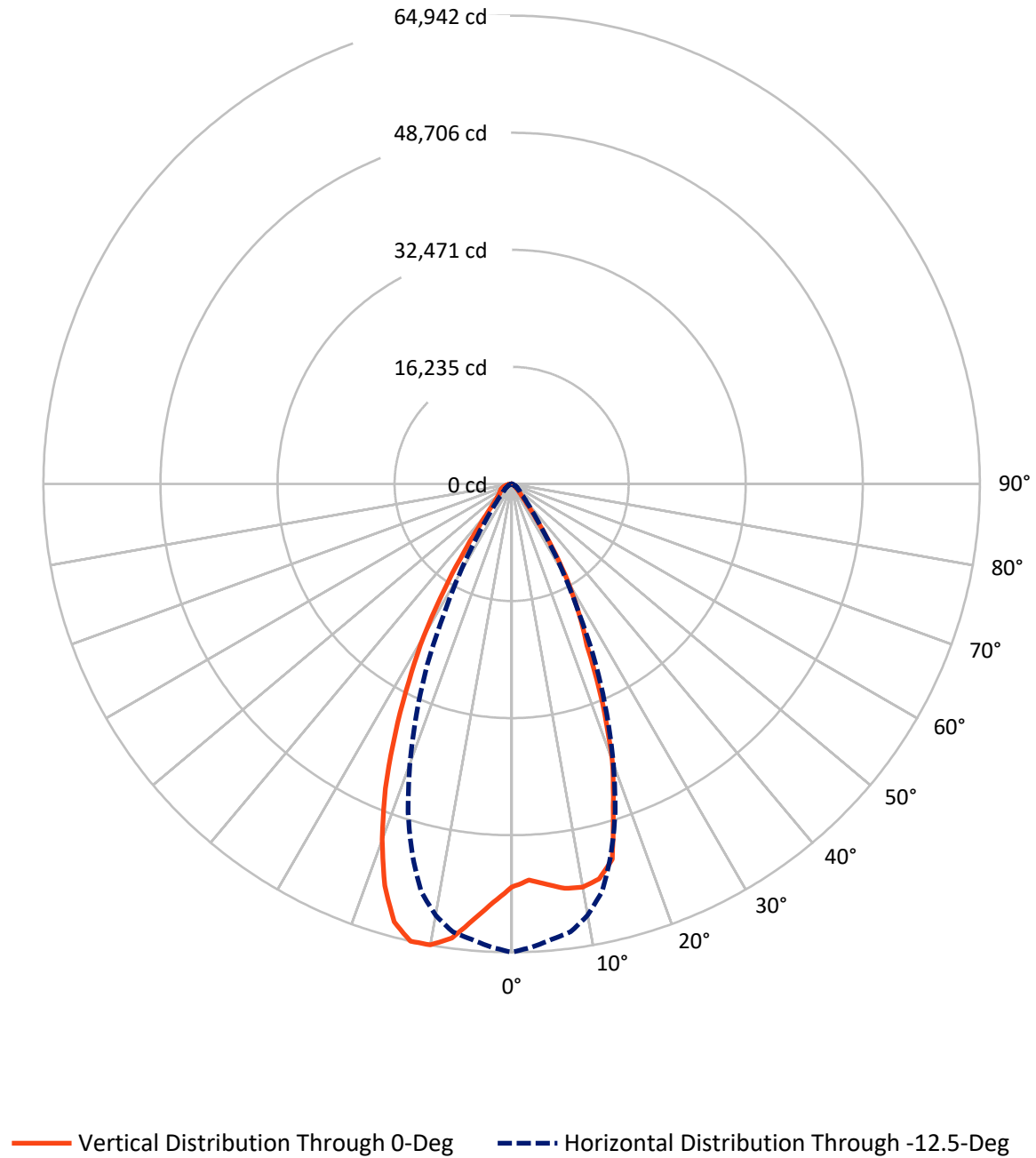
CATALOG NUMBER: GFLD-SA6E-740-U-MWR-VSR-XX

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	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1				
50		0.1	0.3	1.5	3.8	6.4	8.8	10.3	10.3	8.8	6.4	3.8	1.5	0.3		0.1			
40	0.2	0.3	1.8	6.5	13.0	21.3	31.8	39.0	39.0	31.8	21.3	13.0	6.5	1.8	0.3	0.2			
30		0.8	5.2	13.4	27.8	60.2	136.8	209.0	209.0	136.8	60.2	27.8	13.4	5.2	0.8				
20	0.5	1.9	8.6	21.6	58.2	215.5	554.9	775.6	775.6	554.9	215.5	58.2	21.6	8.6	1.9	0.5			
10		3.1	12.1	33.5	138.4	598.4	1248.3	1545.6	1545.6	1248.3	598.4	138.4	33.5	12.1	3.1				
0	1.0	4.0	15.0	43.2	220.4	881.2	1609.5	1744.9	1744.9	1609.5	881.2	220.4	43.2	15.0	4.0	1.0			
-10		4.7	16.5	46.2	230.6	910.1	1667.5	1852.0	1852.0	1667.5	910.1	230.6	46.2	16.5	4.7				
-20	1.3	5.1	16.8	42.0	165.0	677.6	1406.7	1796.2	1796.2	1406.7	677.6	165.0	42.0	16.8	5.1	1.3			
-30		4.9	15.9	34.9	92.2	328.7	783.8	1103.0	1103.0	783.8	328.7	92.2	34.9	15.9	4.9				
-40	1.2	4.3	14.2	29.0	55.0	117.1	244.9	363.4	363.4	244.9	117.1	55.0	29.0	14.2	4.3	1.2			
-50		3.6	11.9	24.2	40.2	59.4	83.6	99.1	99.1	83.6	59.4	40.2	24.2	11.9	3.6				
-60	0.9	2.7	9.0	19.0	31.6	43.8	54.6	59.8	59.8	54.6	43.8	31.6	19.0	9.0	2.7	0.9			
-70		1.9	5.7	13.0	22.2	31.3	39.7	44.3	44.3	39.7	31.3	22.2	13.0	5.7	1.9				
-80	0.4	5.1	23.3	49.7	63.7	49.7	23.3	5.1	0.4										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

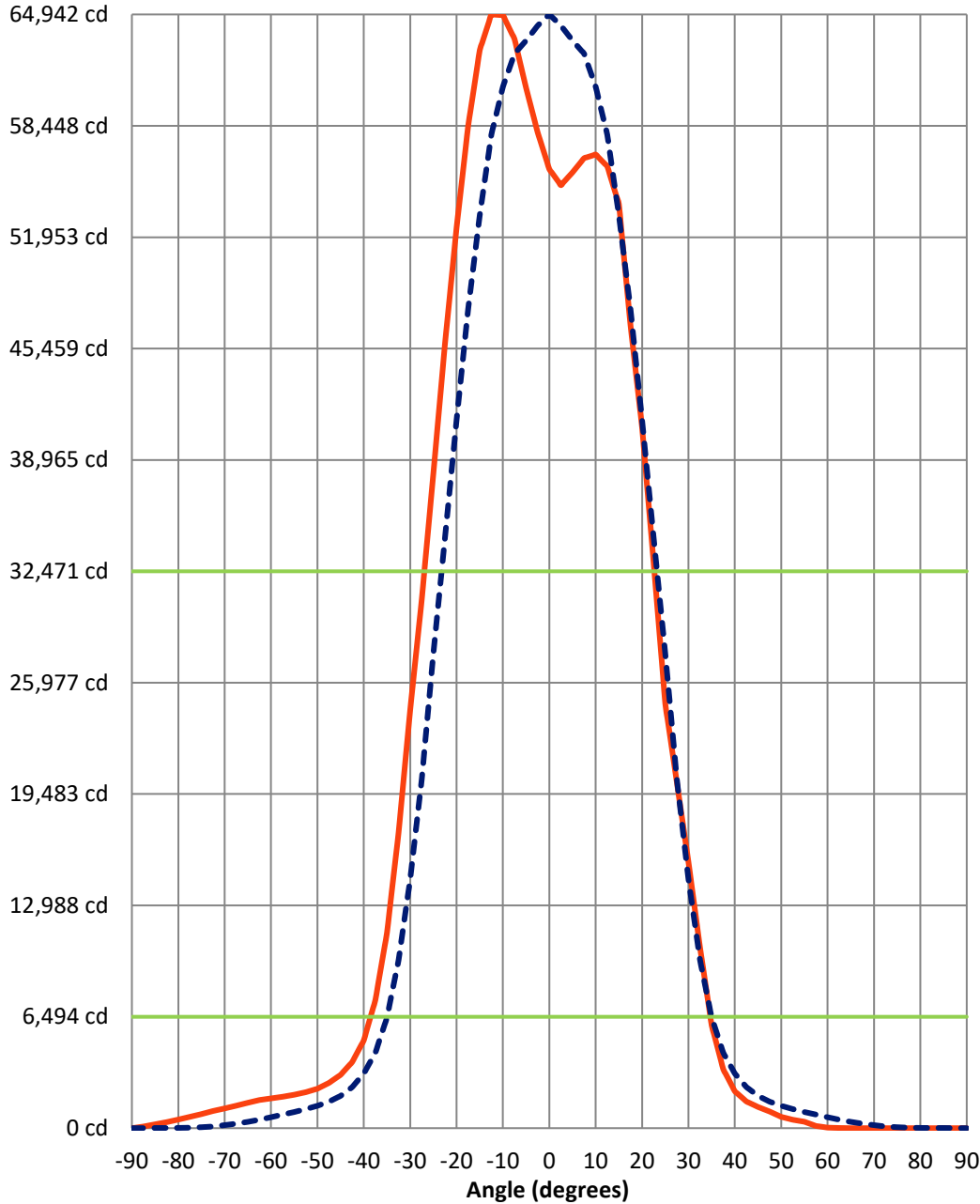
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 31048
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 41781.3
 Efficiency: 90.1%

Spill:
 Lumens: 4573
 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	2	1	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	2	1
65°	0	0	0	2	4	4	1	0	2	3	3
62.5°	0	0	0	3	5	4	2	2	5	6	7
60°	0	0	0	4	7	4	2	5	7	8	10
57.5°	0	0	1	6	7	5	4	8	9	9	11
55°	0	0	2	7	7	5	6	10	10	11	11
52.5°	0	0	2	8	7	5	8	11	10	11	11
50°	0	0	3	9	8	7	9	11	11	11	12
47.5°	0	0	4	10	8	8	11	12	11	11	15
45°	0	0	4	10	8	9	12	13	11	13	17
42.5°	0	0	5	11	9	9	13	14	12	16	21
40°	0	0	6	11	9	10	14	14	14	20	25
37.5°	0	0	6	11	10	10	15	15	17	24	29
35°	0	0	7	11	10	11	17	16	21	30	40
32.5°	0	0	7	11	10	12	18	16	25	38	63
30°	0	0	8	11	11	14	18	18	30	47	85
27.5°	0	0	8	11	11	15	19	21	35	57	105
25°	0	0	9	11	11	16	20	25	43	72	124
22.5°	0	0	9	11	11	17	20	28	51	88	146
20°	0	0	9	11	11	18	21	31	60	102	168
17.5°	0	0	10	11	11	19	22	35	69	115	192
15°	0	0	10	11	11	19	23	40	79	126	215
12.5°	0	0	10	11	11	20	24	47	88	137	238
10°	0	0	10	11	11	20	26	55	96	153	259
7.5°	0	0	10	11	11	21	27	63	102	172	276
5°	0	0	11	11	11	21	29	71	108	190	290
2.5°	0	0	11	11	11	21	30	78	113	207	300
0°	0	0	11	11	11	21	32	85	117	224	309
-2.5°	0	0	11	11	12	22	38	88	132	234	325
-5°	0	0	11	11	12	23	43	91	146	242	340
-7.5°	0	1	10	11	13	24	48	93	159	249	352
-10°	0	1	10	11	14	25	52	94	169	256	361
-12.5°	0	1	10	11	15	26	56	96	176	261	368
-15°	0	1	10	11	15	26	58	97	179	264	371
-17.5°	0	2	10	11	16	27	60	100	178	265	371
-20°	0	2	10	11	16	27	61	104	176	263	366

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REPORT NUMBER: P628006 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-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	10	11	16	27	61	107	173	260	357
-25°	0	2	9	11	16	29	61	108	169	254	343
-27.5°	0	2	9	11	16	31	60	108	165	247	336
-30°	0	2	9	11	16	33	59	106	163	240	325
-32.5°	0	2	9	11	16	34	58	104	161	233	313
-35°	0	2	9	11	17	35	58	101	156	226	297
-37.5°	0	3	9	11	17	35	59	98	149	218	293
-40°	0	3	9	11	18	35	59	94	140	209	287
-42.5°	0	3	9	11	18	35	58	90	134	199	278
-45°	0	3	9	11	19	35	57	86	128	186	265
-47.5°	0	3	9	12	19	34	55	84	121	172	248
-50°	0	3	9	12	20	33	53	80	116	165	229
-52.5°	0	3	9	12	20	32	52	76	110	156	209
-55°	0	2	9	13	19	31	50	71	105	146	197
-57.5°	0	2	9	13	19	31	47	68	98	137	183
-60°	0	2	9	13	18	29	45	65	91	127	168
-62.5°	0	2	9	13	18	27	42	60	85	116	154
-65°	0	2	8	13	18	25	38	55	77	105	139
-67.5°	0	2	7	13	18	24	35	50	69	93	123
-70°	0	2	7	13	17	23	31	44	60	80	106
-72.5°	0	2	6	12	16	22	28	37	52	69	88
-75°	0	1	5	10	16	20	26	33	42	56	73
-77.5°	0	1	4	8	14	19	24	30	37	45	56
-80°	0	1	4	7	11	16	21	26	32	39	46
-82.5°	0	1	3	5	8	12	16	21	27	32	37
-85°	0	0	2	3	6	8	11	14	18	22	27
-87.5°	0	0	1	2	3	4	6	7	9	11	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P628006 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-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	4	2	0	0	0	1	0	0	0
65°	5	7	5	3	0	3	4	3	0	0	0
62.5°	10	8	6	4	6	8	6	4	1	3	4
60°	11	9	7	8	11	10	7	7	9	10	25
57.5°	11	10	10	11	12	11	13	15	38	64	70
55°	11	10	12	14	16	18	28	59	89	110	119
52.5°	12	12	16	20	25	40	73	108	137	159	187
50°	14	17	22	30	47	83	124	163	199	233	274
47.5°	18	22	32	47	86	133	182	232	275	322	381
45°	22	34	46	82	131	191	252	307	352	407	459
42.5°	27	52	78	117	187	257	327	372	421	482	551
40°	44	73	112	171	246	331	392	440	493	577	661
37.5°	65	102	149	226	316	398	457	516	593	690	790
35°	89	131	198	285	385	460	526	600	706	818	936
32.5°	113	157	246	345	439	520	594	703	814	938	1101
30°	137	198	294	401	490	575	678	800	911	1062	1253
27.5°	162	239	343	448	538	627	763	881	1008	1180	1409
25°	190	282	389	491	584	695	846	971	1101	1320	1629
22.5°	223	323	433	530	627	768	929	1085	1256	1474	1854
20°	258	362	473	577	670	838	1018	1210	1441	1745	2243
17.5°	290	397	512	625	741	913	1114	1340	1628	2007	2739
15°	320	429	550	672	808	990	1211	1489	1836	2308	3218
12.5°	347	457	587	718	868	1059	1295	1598	2008	2686	3831
10°	371	482	621	763	920	1120	1369	1690	2148	2958	4289
7.5°	391	509	654	805	966	1173	1432	1764	2272	3172	4646
5°	409	540	682	837	1000	1217	1484	1822	2377	3328	4921
2.5°	424	570	705	863	1024	1251	1525	1877	2477	3457	5154
0°	437	596	724	884	1043	1278	1555	1917	2555	3546	5335
-2.5°	452	610	749	900	1073	1296	1569	1946	2581	3558	5298
-5°	464	619	770	913	1096	1307	1572	1957	2577	3530	5189
-7.5°	474	625	785	923	1109	1313	1574	1950	2551	3471	5012
-10°	482	632	791	935	1113	1312	1566	1926	2490	3357	4745
-12.5°	492	638	792	941	1112	1304	1545	1883	2395	3185	4402
-15°	499	642	791	940	1106	1290	1512	1822	2267	2956	3977
-17.5°	502	643	787	932	1097	1270	1467	1751	2150	2756	3672
-20°	501	641	783	916	1085	1248	1437	1695	2052	2563	3302

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CATALOG NUMBER: GFLD-SA6E-740-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°	497	636	776	903	1064	1225	1402	1627	1927	2346	2944
-25°	486	628	766	895	1040	1198	1356	1554	1815	2186	2683
-27.5°	469	615	751	881	1015	1168	1316	1496	1724	2010	2407
-30°	446	597	730	862	993	1136	1278	1430	1631	1879	2199
-32.5°	423	578	708	836	967	1103	1237	1378	1550	1756	2006
-35°	407	552	684	805	935	1066	1195	1327	1467	1651	1865
-37.5°	397	525	660	774	897	1025	1149	1274	1405	1549	1743
-40°	384	499	631	747	857	982	1102	1220	1341	1485	1634
-42.5°	368	480	601	719	824	938	1053	1166	1287	1420	1560
-45°	353	457	572	681	788	895	1006	1112	1230	1356	1485
-47.5°	333	431	541	638	743	850	957	1063	1167	1284	1409
-50°	309	402	503	596	689	795	901	1008	1111	1210	1319
-52.5°	284	367	462	554	639	729	838	946	1048	1147	1243
-55°	257	334	421	511	596	674	769	878	979	1075	1175
-57.5°	235	301	380	465	549	630	717	810	909	1003	1099
-60°	216	270	337	416	500	580	664	750	840	931	1017
-62.5°	196	243	297	363	441	522	600	681	767	844	921
-65°	177	215	261	316	377	450	526	604	681	750	816
-67.5°	157	190	227	268	322	383	444	514	586	652	715
-70°	135	164	196	231	271	320	377	433	490	549	611
-72.5°	112	138	166	194	229	271	315	361	410	462	514
-75°	92	112	136	161	190	224	260	299	339	380	423
-77.5°	73	90	109	128	150	177	206	237	269	301	334
-80°	56	68	83	99	116	135	155	176	200	227	254
-82.5°	44	53	62	73	84	96	110	125	143	162	182
-85°	32	37	43	49	55	63	71	79	91	103	116
-87.5°	16	19	21	24	28	31	34	38	43	49	55
-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	4	4	3	2	5	7	7	8	9
60°	28	20	27	35	34	25	38	43	40	32	33
57.5°	74	81	92	108	119	126	136	147	155	160	164
55°	137	164	193	206	229	264	294	297	303	310	328
52.5°	219	251	265	291	336	365	379	403	430	456	479
50°	318	345	377	418	461	489	499	542	595	639	664
47.5°	418	454	512	584	621	653	697	753	812	875	924
45°	511	575	650	713	763	817	878	947	1040	1126	1192
42.5°	616	689	764	839	893	984	1089	1171	1303	1419	1493
40°	739	812	919	1010	1122	1238	1418	1584	1752	1945	2087
37.5°	887	999	1150	1297	1463	1634	1956	2285	2553	2930	3140
35°	1065	1238	1452	1671	1937	2349	2819	3454	4113	4664	5193
32.5°	1270	1491	1787	2179	2626	3287	3992	5162	6301	7440	8557
30°	1471	1793	2246	2784	3519	4565	5894	7701	9659	11373	12925
27.5°	1740	2197	2784	3588	4839	6373	8826	11335	13829	16054	17653
25°	2066	2677	3509	4840	6645	9188	12476	15553	18479	20661	22499
22.5°	2536	3453	4633	6328	9604	13141	17075	20947	24233	26983	28795
20°	3117	4357	6332	9403	13257	17680	22744	26815	30863	33957	36722
17.5°	3940	5915	8702	12603	17208	23108	28321	32863	38002	41165	43984
15°	4680	7218	11192	16169	21564	27818	33966	39528	44489	47965	51116
12.5°	5616	8604	13172	19027	24928	31889	38281	44236	49095	52672	54877
10°	6455	10025	15150	21272	27879	35152	41776	47975	52681	55446	57068
7.5°	7131	11205	16752	23195	30169	37489	44487	50640	55143	57456	58563
5°	7656	12080	18007	24771	32015	39505	46647	52669	56462	58374	58993
2.5°	8050	12690	18851	25808	33261	40993	48286	54220	57456	58836	59041
0°	8316	13118	19400	26460	34329	41527	49172	55199	58276	59383	59490
-2.5°	8253	12963	19376	26224	34206	41767	49313	55261	58554	60042	60284
-5°	8085	12598	18734	25553	33233	40805	48003	54283	58325	60572	61567
-7.5°	7761	11968	17635	24271	31657	39236	46576	53092	57743	60904	62852
-10°	7209	11047	16229	22648	29928	37149	44406	51169	56177	59983	62696
-12.5°	6456	9798	14515	20351	27668	34411	41282	47761	53227	57920	60724
-15°	5679	8497	12734	18073	24444	31084	37432	43789	49186	53575	57071
-17.5°	5124	7358	10671	15344	20938	27238	33430	39271	44140	48266	51933
-20°	4424	6082	8707	12635	17560	23067	28999	34197	38545	42414	45917

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P628006 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-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°	3866	5208	7104	9785	14209	19065	23918	28704	32792	36237	39227
-25°	3359	4301	5783	7963	10840	15034	19123	23164	26938	30140	32834
-27.5°	2961	3711	4698	6250	8433	10881	14464	17841	21086	24014	26553
-30°	2599	3161	3933	4904	6389	8207	10362	12888	15475	17787	20094
-32.5°	2340	2739	3270	3991	4822	6124	7426	9126	10764	12450	14105
-35°	2106	2428	2789	3271	3841	4601	5459	6497	7373	8477	9494
-37.5°	1946	2173	2449	2753	3161	3584	4166	4796	5339	5954	6471
-40°	1813	1991	2178	2383	2663	2950	3325	3679	4024	4398	4678
-42.5°	1702	1845	1980	2138	2304	2534	2786	3006	3216	3436	3619
-45°	1615	1721	1830	1953	2079	2245	2423	2588	2725	2847	2947
-47.5°	1521	1616	1712	1807	1915	2035	2152	2258	2372	2467	2536
-50°	1428	1523	1610	1692	1785	1880	1972	2057	2137	2208	2252
-52.5°	1338	1436	1521	1597	1676	1754	1830	1906	1976	2040	2069
-55°	1270	1360	1446	1514	1581	1647	1715	1786	1852	1913	1931
-57.5°	1194	1286	1369	1432	1493	1552	1616	1682	1745	1802	1820
-60°	1108	1205	1277	1336	1398	1463	1523	1582	1641	1690	1710
-62.5°	1005	1091	1158	1217	1273	1326	1391	1454	1515	1564	1594
-65°	883	957	1022	1081	1135	1186	1247	1305	1361	1404	1436
-67.5°	776	834	887	939	992	1046	1102	1156	1208	1246	1272
-70°	669	723	774	823	869	915	962	1007	1052	1085	1110
-72.5°	565	612	655	699	742	783	823	862	900	929	953
-75°	467	507	545	581	617	650	681	711	740	765	787
-77.5°	368	401	433	464	495	521	545	568	590	611	631
-80°	282	305	329	352	376	395	414	431	449	465	480
-82.5°	202	218	233	249	264	278	291	304	317	328	340
-85°	128	137	146	154	163	171	179	187	195	202	209
-87.5°	61	65	69	73	77	81	85	89	93	96	100
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P628006 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-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°	10	10	10	11	10	10	10	9	8	7	7
60°	33	32	32	32	32	32	33	33	32	40	43
57.5°	160	149	139	128	139	149	160	164	160	155	147
55°	348	367	376	373	376	367	348	328	310	303	297
52.5°	494	504	501	490	501	504	494	479	456	430	403
50°	676	677	671	660	671	677	676	664	639	595	542
47.5°	949	963	970	969	970	963	949	924	875	812	753
45°	1217	1231	1237	1235	1237	1231	1217	1192	1126	1040	947
42.5°	1531	1555	1563	1555	1563	1555	1531	1493	1419	1303	1171
40°	2170	2197	2184	2151	2184	2197	2170	2087	1945	1752	1584
37.5°	3287	3393	3438	3439	3438	3393	3287	3140	2930	2553	2285
35°	5669	6049	6223	6005	6223	6049	5669	5193	4664	4113	3454
32.5°	9469	10141	10520	10520	10520	10141	9469	8557	7440	6301	5162
30°	14098	14940	15413	15514	15413	14940	14098	12925	11373	9659	7701
27.5°	18900	19770	20223	20157	20223	19770	18900	17653	16054	13829	11335
25°	23718	24376	24757	24767	24757	24376	23718	22499	20661	18479	15553
22.5°	30834	32221	32792	32945	32792	32221	30834	28795	26983	24233	20947
20°	38592	39937	40804	40856	40804	39937	38592	36722	33957	30863	26815
17.5°	45984	46651	46774	46830	46774	46651	45984	43984	41165	38002	32863
15°	52951	53185	53801	53879	53801	53185	52951	51116	47965	44489	39528
12.5°	56261	56475	56369	56083	56369	56475	56261	54877	52672	49095	44236
10°	58064	57762	57314	56775	57314	57762	58064	57068	55446	52681	47975
7.5°	58473	58138	57347	56562	57347	58138	58473	58563	57456	55143	50640
5°	58667	57684	56684	55731	56684	57684	58667	58993	58374	56462	52669
2.5°	58552	57383	56011	54986	56011	57383	58552	59041	58836	57456	54220
0°	58926	57744	56306	55923	56306	57744	58926	59490	59383	58276	55199
-2.5°	59966	59008	58257	58052	58257	59008	59966	60284	60042	58554	55261
-5°	61837	61626	60351	60651	60351	61626	61837	61567	60572	58325	54283
-7.5°	63645	63345	62806	63504	62806	63345	63645	62852	60904	57743	53092
-10°	64126	64027	64280	64899	64280	64027	64126	62696	59983	56177	51169
-12.5°	62652	63424	64290	64942	64290	63424	62652	60724	57920	53227	47761
-15°	59367	60946	62240	62855	62240	60946	59367	57071	53575	49186	43789
-17.5°	54529	56465	57999	58436	57999	56465	54529	51933	48266	44140	39271
-20°	48572	50542	51937	52494	51937	50542	48572	45917	42414	38545	34197

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REPORT NUMBER: P628006 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-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°	41868	43791	45056	45722	45056	43791	41868	39227	36237	32792	28704
-25°	35065	36755	37877	38173	37877	36755	35065	32834	30140	26938	23164
-27.5°	28559	29918	30745	30836	30745	29918	28559	26553	24014	21086	17841
-30°	22013	23276	23993	24373	23993	23276	22013	20094	17787	15475	12888
-32.5°	15460	16462	17069	17228	17069	16462	15460	14105	12450	10764	9126
-35°	10308	10931	11315	11393	11315	10931	10308	9494	8477	7373	6497
-37.5°	6892	7196	7383	7475	7383	7196	6892	6471	5954	5339	4796
-40°	4883	5025	5105	5122	5105	5025	4883	4678	4398	4024	3679
-42.5°	3735	3807	3845	3855	3845	3807	3735	3619	3436	3216	3006
-45°	3018	3068	3099	3109	3099	3068	3018	2947	2847	2725	2588
-47.5°	2582	2614	2634	2641	2634	2614	2582	2536	2467	2372	2258
-50°	2277	2296	2303	2300	2303	2296	2277	2252	2208	2137	2057
-52.5°	2086	2098	2102	2098	2102	2098	2086	2069	2040	1976	1906
-55°	1944	1953	1953	1949	1953	1953	1944	1931	1913	1852	1786
-57.5°	1835	1846	1843	1831	1843	1846	1835	1820	1802	1745	1682
-60°	1727	1740	1741	1736	1741	1740	1727	1710	1690	1641	1582
-62.5°	1620	1641	1644	1640	1644	1641	1620	1594	1564	1515	1454
-65°	1465	1491	1490	1480	1490	1491	1465	1436	1404	1361	1305
-67.5°	1294	1313	1314	1310	1314	1313	1294	1272	1246	1208	1156
-70°	1133	1154	1154	1150	1154	1154	1133	1110	1085	1052	1007
-72.5°	975	995	1000	1001	1000	995	975	953	929	900	862
-75°	807	826	824	820	824	826	807	787	765	740	711
-77.5°	650	667	665	660	665	667	650	631	611	590	568
-80°	495	508	505	501	505	508	495	480	465	449	431
-82.5°	350	360	356	351	356	360	350	340	328	317	304
-85°	216	223	223	224	223	223	216	209	202	195	187
-87.5°	103	106	101	96	101	106	103	100	96	93	89
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P628006 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-740-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	3
62.5°	5	2	3	4	4	3	3	4	3	1	4
60°	38	25	34	35	27	20	28	25	10	9	7
57.5°	136	126	119	108	92	81	74	70	64	38	15
55°	294	264	229	206	193	164	137	119	110	89	59
52.5°	379	365	336	291	265	251	219	187	159	137	108
50°	499	489	461	418	377	345	318	274	233	199	163
47.5°	697	653	621	584	512	454	418	381	322	275	232
45°	878	817	763	713	650	575	511	459	407	352	307
42.5°	1089	984	893	839	764	689	616	551	482	421	372
40°	1418	1238	1122	1010	919	812	739	661	577	493	440
37.5°	1956	1634	1463	1297	1150	999	887	790	690	593	516
35°	2819	2349	1937	1671	1452	1238	1065	936	818	706	600
32.5°	3992	3287	2626	2179	1787	1491	1270	1101	938	814	703
30°	5894	4565	3519	2784	2246	1793	1471	1253	1062	911	800
27.5°	8826	6373	4839	3588	2784	2197	1740	1409	1180	1008	881
25°	12476	9188	6645	4840	3509	2677	2066	1629	1320	1101	971
22.5°	17075	13141	9604	6328	4633	3453	2536	1854	1474	1256	1085
20°	22744	17680	13257	9403	6332	4357	3117	2243	1745	1441	1210
17.5°	28321	23108	17208	12603	8702	5915	3940	2739	2007	1628	1340
15°	33966	27818	21564	16169	11192	7218	4680	3218	2308	1836	1489
12.5°	38281	31889	24928	19027	13172	8604	5616	3831	2686	2008	1598
10°	41776	35152	27879	21272	15150	10025	6455	4289	2958	2148	1690
7.5°	44487	37489	30169	23195	16752	11205	7131	4646	3172	2272	1764
5°	46647	39505	32015	24771	18007	12080	7656	4921	3328	2377	1822
2.5°	48286	40993	33261	25808	18851	12690	8050	5154	3457	2477	1877
0°	49172	41527	34329	26460	19400	13118	8316	5335	3546	2555	1917
-2.5°	49313	41767	34206	26224	19376	12963	8253	5298	3558	2581	1946
-5°	48003	40805	33233	25553	18734	12598	8085	5189	3530	2577	1957
-7.5°	46576	39236	31657	24271	17635	11968	7761	5012	3471	2551	1950
-10°	44406	37149	29928	22648	16229	11047	7209	4745	3357	2490	1926
-12.5°	41282	34411	27668	20351	14515	9798	6456	4402	3185	2395	1883
-15°	37432	31084	24444	18073	12734	8497	5679	3977	2956	2267	1822
-17.5°	33430	27238	20938	15344	10671	7358	5124	3672	2756	2150	1751
-20°	28999	23067	17560	12635	8707	6082	4424	3302	2563	2052	1695

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REPORT NUMBER: P628006 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-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°	23918	19065	14209	9785	7104	5208	3866	2944	2346	1927	1627
-25°	19123	15034	10840	7963	5783	4301	3359	2683	2186	1815	1554
-27.5°	14464	10881	8433	6250	4698	3711	2961	2407	2010	1724	1496
-30°	10362	8207	6389	4904	3933	3161	2599	2199	1879	1631	1430
-32.5°	7426	6124	4822	3991	3270	2739	2340	2006	1756	1550	1378
-35°	5459	4601	3841	3271	2789	2428	2106	1865	1651	1467	1327
-37.5°	4166	3584	3161	2753	2449	2173	1946	1743	1549	1405	1274
-40°	3325	2950	2663	2383	2178	1991	1813	1634	1485	1341	1220
-42.5°	2786	2534	2304	2138	1980	1845	1702	1560	1420	1287	1166
-45°	2423	2245	2079	1953	1830	1721	1615	1485	1356	1230	1112
-47.5°	2152	2035	1915	1807	1712	1616	1521	1409	1284	1167	1063
-50°	1972	1880	1785	1692	1610	1523	1428	1319	1210	1111	1008
-52.5°	1830	1754	1676	1597	1521	1436	1338	1243	1147	1048	946
-55°	1715	1647	1581	1514	1446	1360	1270	1175	1075	979	878
-57.5°	1616	1552	1493	1432	1369	1286	1194	1099	1003	909	810
-60°	1523	1463	1398	1336	1277	1205	1108	1017	931	840	750
-62.5°	1391	1326	1273	1217	1158	1091	1005	921	844	767	681
-65°	1247	1186	1135	1081	1022	957	883	816	750	681	604
-67.5°	1102	1046	992	939	887	834	776	715	652	586	514
-70°	962	915	869	823	774	723	669	611	549	490	433
-72.5°	823	783	742	699	655	612	565	514	462	410	361
-75°	681	650	617	581	545	507	467	423	380	339	299
-77.5°	545	521	495	464	433	401	368	334	301	269	237
-80°	414	395	376	352	329	305	282	254	227	200	176
-82.5°	291	278	264	249	233	218	202	182	162	143	125
-85°	179	171	163	154	146	137	128	116	103	91	79
-87.5°	85	81	77	73	69	65	61	55	49	43	38
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P628006 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-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	4	3	1	1	2	0	0
65°	4	3	0	3	5	7	5	3	3	2	0
62.5°	6	8	6	4	6	8	10	7	6	5	2
60°	7	10	11	8	7	9	11	10	8	7	5
57.5°	13	11	12	11	10	10	11	11	9	9	8
55°	28	18	16	14	12	10	11	11	11	10	10
52.5°	73	40	25	20	16	12	12	11	11	10	11
50°	124	83	47	30	22	17	14	12	11	11	11
47.5°	182	133	86	47	32	22	18	15	11	11	12
45°	252	191	131	82	46	34	22	17	13	11	13
42.5°	327	257	187	117	78	52	27	21	16	12	14
40°	392	331	246	171	112	73	44	25	20	14	14
37.5°	457	398	316	226	149	102	65	29	24	17	15
35°	526	460	385	285	198	131	89	40	30	21	16
32.5°	594	520	439	345	246	157	113	63	38	25	16
30°	678	575	490	401	294	198	137	85	47	30	18
27.5°	763	627	538	448	343	239	162	105	57	35	21
25°	846	695	584	491	389	282	190	124	72	43	25
22.5°	929	768	627	530	433	323	223	146	88	51	28
20°	1018	838	670	577	473	362	258	168	102	60	31
17.5°	1114	913	741	625	512	397	290	192	115	69	35
15°	1211	990	808	672	550	429	320	215	126	79	40
12.5°	1295	1059	868	718	587	457	347	238	137	88	47
10°	1369	1120	920	763	621	482	371	259	153	96	55
7.5°	1432	1173	966	805	654	509	391	276	172	102	63
5°	1484	1217	1000	837	682	540	409	290	190	108	71
2.5°	1525	1251	1024	863	705	570	424	300	207	113	78
0°	1555	1278	1043	884	724	596	437	309	224	117	85
-2.5°	1569	1296	1073	900	749	610	452	325	234	132	88
-5°	1572	1307	1096	913	770	619	464	340	242	146	91
-7.5°	1574	1313	1109	923	785	625	474	352	249	159	93
-10°	1566	1312	1113	935	791	632	482	361	256	169	94
-12.5°	1545	1304	1112	941	792	638	492	368	261	176	96
-15°	1512	1290	1106	940	791	642	499	371	264	179	97
-17.5°	1467	1270	1097	932	787	643	502	371	265	178	100
-20°	1437	1248	1085	916	783	641	501	366	263	176	104

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REPORT NUMBER: P628006 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1402	1225	1064	903	776	636	497	357	260	173	107
-25°	1356	1198	1040	895	766	628	486	343	254	169	108
-27.5°	1316	1168	1015	881	751	615	469	336	247	165	108
-30°	1278	1136	993	862	730	597	446	325	240	163	106
-32.5°	1237	1103	967	836	708	578	423	313	233	161	104
-35°	1195	1066	935	805	684	552	407	297	226	156	101
-37.5°	1149	1025	897	774	660	525	397	293	218	149	98
-40°	1102	982	857	747	631	499	384	287	209	140	94
-42.5°	1053	938	824	719	601	480	368	278	199	134	90
-45°	1006	895	788	681	572	457	353	265	186	128	86
-47.5°	957	850	743	638	541	431	333	248	172	121	84
-50°	901	795	689	596	503	402	309	229	165	116	80
-52.5°	838	729	639	554	462	367	284	209	156	110	76
-55°	769	674	596	511	421	334	257	197	146	105	71
-57.5°	717	630	549	465	380	301	235	183	137	98	68
-60°	664	580	500	416	337	270	216	168	127	91	65
-62.5°	600	522	441	363	297	243	196	154	116	85	60
-65°	526	450	377	316	261	215	177	139	105	77	55
-67.5°	444	383	322	268	227	190	157	123	93	69	50
-70°	377	320	271	231	196	164	135	106	80	60	44
-72.5°	315	271	229	194	166	138	112	88	69	52	37
-75°	260	224	190	161	136	112	92	73	56	42	33
-77.5°	206	177	150	128	109	90	73	56	45	37	30
-80°	155	135	116	99	83	68	56	46	39	32	26
-82.5°	110	96	84	73	62	53	44	37	32	27	21
-85°	71	63	55	49	43	37	32	27	22	18	14
-87.5°	34	31	28	24	21	19	16	13	11	9	7
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P628006 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-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°	1	2	1	0	0	0	0
70°	1	2	2	0	0	0	0
67.5°	1	3	3	1	0	0	0
65°	1	4	4	2	0	0	0
62.5°	2	4	5	3	0	0	0
60°	2	4	7	4	0	0	0
57.5°	4	5	7	6	1	0	0
55°	6	5	7	7	2	0	0
52.5°	8	5	7	8	2	0	0
50°	9	7	8	9	3	0	0
47.5°	11	8	8	10	4	0	0
45°	12	9	8	10	4	0	0
42.5°	13	9	9	11	5	0	0
40°	14	10	9	11	6	0	0
37.5°	15	10	10	11	6	0	0
35°	17	11	10	11	7	0	0
32.5°	18	12	10	11	7	0	0
30°	18	14	11	11	8	0	0
27.5°	19	15	11	11	8	0	0
25°	20	16	11	11	9	0	0
22.5°	20	17	11	11	9	0	0
20°	21	18	11	11	9	0	0
17.5°	22	19	11	11	10	0	0
15°	23	19	11	11	10	0	0
12.5°	24	20	11	11	10	0	0
10°	26	20	11	11	10	0	0
7.5°	27	21	11	11	10	0	0
5°	29	21	11	11	11	0	0
2.5°	30	21	11	11	11	0	0
0°	32	21	11	11	11	0	0
-2.5°	38	22	12	11	11	0	0
-5°	43	23	12	11	11	0	0
-7.5°	48	24	13	11	10	1	0
-10°	52	25	14	11	10	1	0
-12.5°	56	26	15	11	10	1	0
-15°	58	26	15	11	10	1	0
-17.5°	60	27	16	11	10	2	0
-20°	61	27	16	11	10	2	0

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REPORT NUMBER: P628006 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	61	27	16	11	10	2	0
-25°	61	29	16	11	9	2	0
-27.5°	60	31	16	11	9	2	0
-30°	59	33	16	11	9	2	0
-32.5°	58	34	16	11	9	2	0
-35°	58	35	17	11	9	2	0
-37.5°	59	35	17	11	9	3	0
-40°	59	35	18	11	9	3	0
-42.5°	58	35	18	11	9	3	0
-45°	57	35	19	11	9	3	0
-47.5°	55	34	19	12	9	3	0
-50°	53	33	20	12	9	3	0
-52.5°	52	32	20	12	9	3	0
-55°	50	31	19	13	9	2	0
-57.5°	47	31	19	13	9	2	0
-60°	45	29	18	13	9	2	0
-62.5°	42	27	18	13	9	2	0
-65°	38	25	18	13	8	2	0
-67.5°	35	24	18	13	7	2	0
-70°	31	23	17	13	7	2	0
-72.5°	28	22	16	12	6	2	0
-75°	26	20	16	10	5	1	0
-77.5°	24	19	14	8	4	1	0
-80°	21	16	11	7	4	1	0
-82.5°	16	12	8	5	3	1	0
-85°	11	8	6	3	2	0	0
-87.5°	6	4	3	2	1	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)