

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: P627524 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627524 (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-SA4E-740-U-MR-VSR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (64) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 32785.4 lumens  
Efficiency: N/A  
Efficacy: 128.1 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 115595.4 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 16393 lumens  
Beam Efficiency: 50.0%

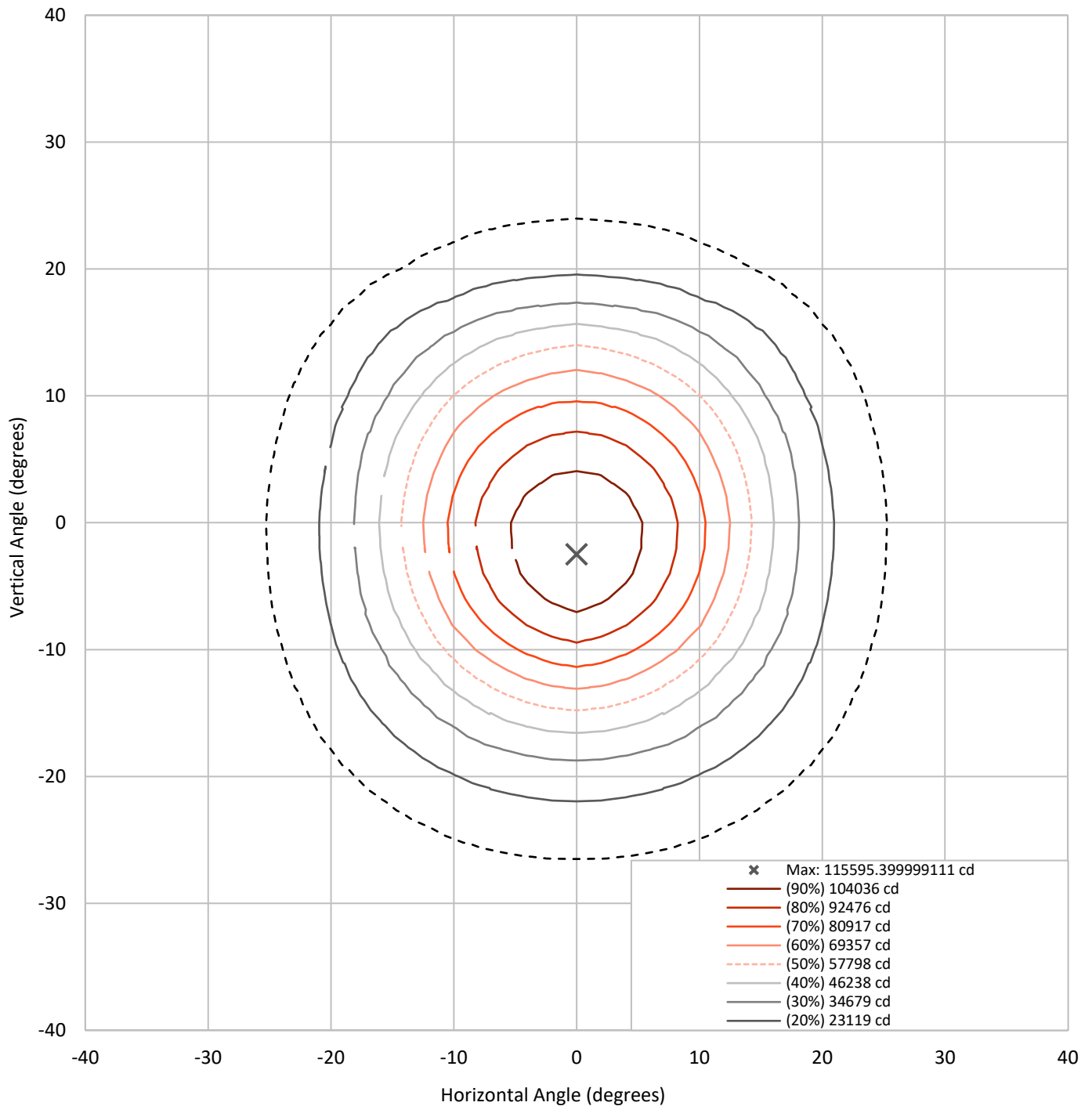
Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 28168.8 lumens  
Field Efficiency: 85.9%

Input Watts (W): 255.9  
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-SA4E-740-U-MR-VSR-XX

### Iso-Candela Plot





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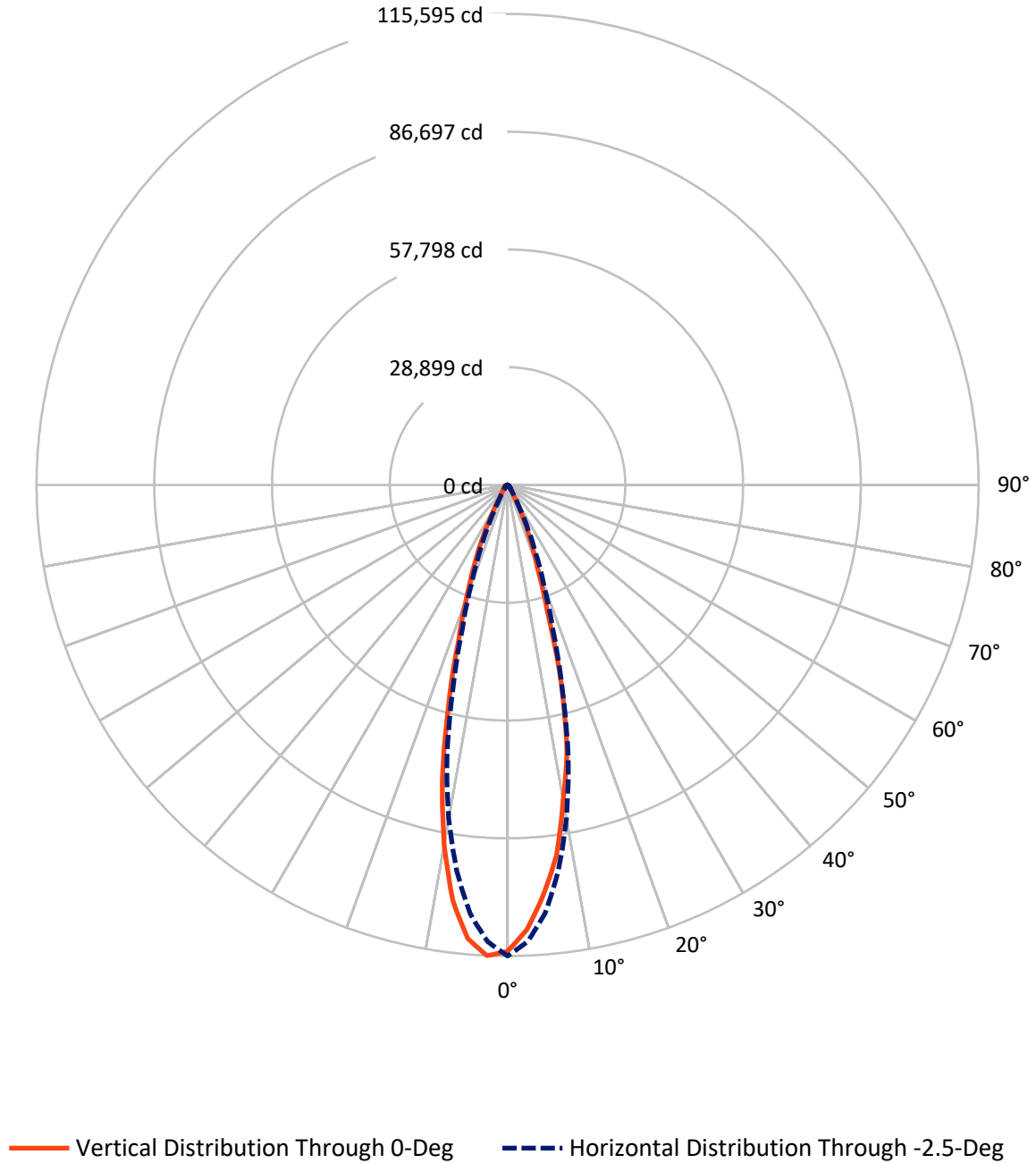
CATALOG NUMBER: GFLD-SA4E-740-U-MR-VSR-XX

### Lumen Table

90																			
80	0.0	0.0		0.0	0.0		0.0		0.0		0.0		0.0		0.0				
70	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0			
60		0.0	0.2	0.9	2.2	3.8	5.2	6.2	6.2	5.2	3.8	2.2	0.9	0.2	0.0				
50	0.1	0.2	1.1	3.6	6.9	10.6	14.9	17.5	17.5	14.9	10.6	6.9	3.6	1.1	0.2	0.1			
40		0.5	2.8	7.0	12.9	21.2	35.4	47.2	47.2	35.4	21.2	12.9	7.0	2.8	0.5				
30	0.2	1.0	4.4	10.7	20.4	49.5	155.6	285.4	285.4	155.6	49.5	20.4	10.7	4.4	1.0	0.2			
20		1.6	6.1	14.6	34.9	170.8	694.3	1359.5	1359.5	694.3	170.8	34.9	14.6	6.1	1.6				
10	0.5	2.1	7.4	17.3	50.0	325.5	1401.9	2747.9	2747.9	1401.9	325.5	50.0	17.3	7.4	2.1	0.5			
0		2.4	8.1	18.3	53.5	341.0	1438.5	2913.7	2913.7	1438.5	341.0	53.5	18.3	8.1	2.4				
-10	0.6	2.5	8.2	17.8	44.0	209.4	795.5	1541.9	1541.9	795.5	209.4	44.0	17.8	8.2	2.5	0.6			
-20		2.4	7.8	16.3	32.2	81.3	246.3	439.5	439.5	246.3	81.3	32.2	16.3	7.8	2.4				
-30	0.6	2.1	7.0	14.1	24.4	40.1	65.5	87.6	87.6	65.5	40.1	24.4	14.1	7.0	2.1	0.6			
-40		1.8	5.8	11.7	19.3	27.6	36.4	40.8	40.8	36.4	27.6	19.3	11.7	5.8	1.8				
-50	0.4	1.4	4.3	9.1	15.1	21.0	26.2	28.6	28.6	26.2	21.0	15.1	9.1	4.3	1.4	0.4			
-60		0.9	2.7	6.0	10.1	14.3	17.9	19.8	19.8	17.9	14.3	10.1	6.0	2.7	0.9				
-70																			
-80	0.1	2.1		9.7		20.9		26.4		20.9		9.7		2.1		0.1			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

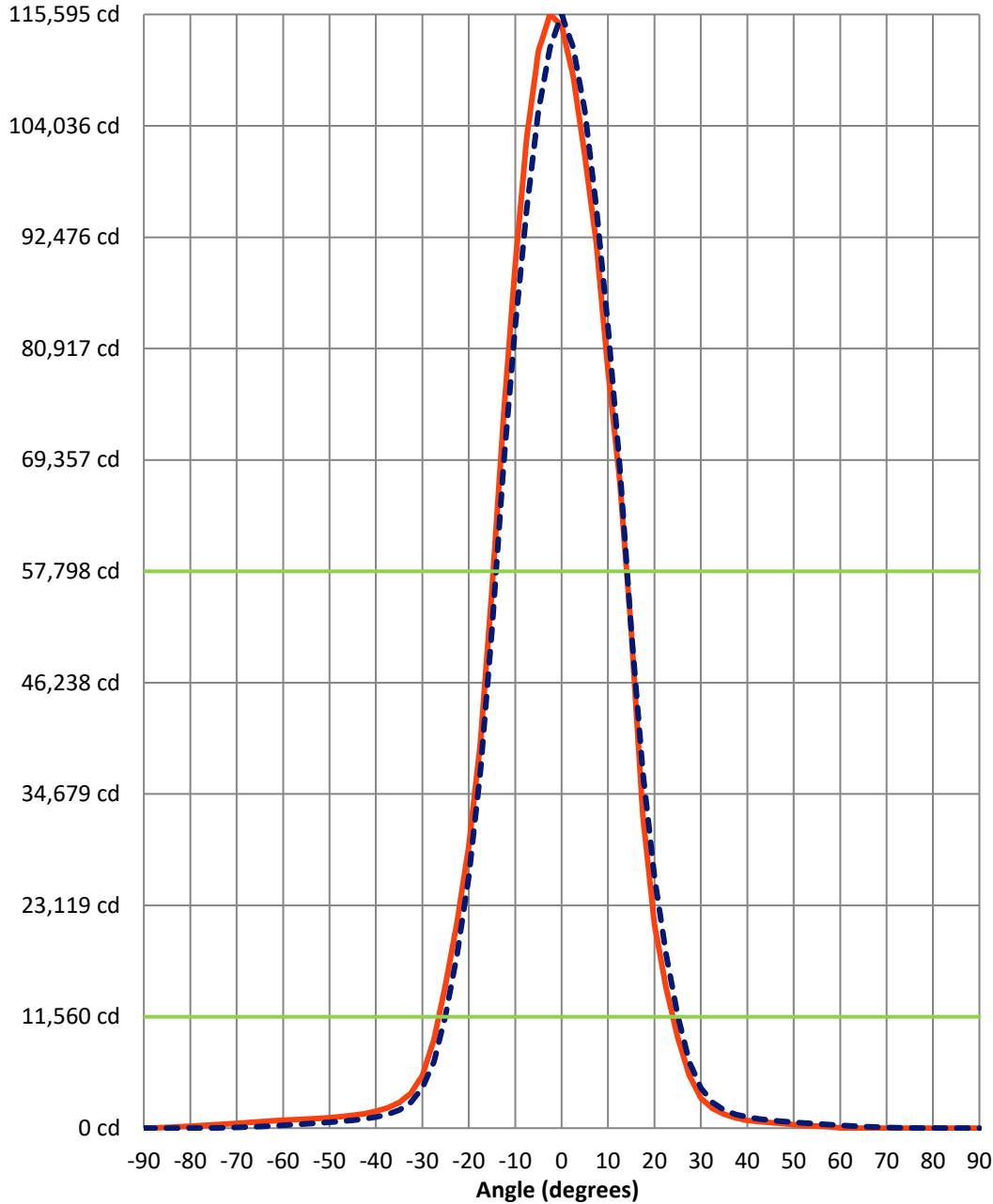
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 16393  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 28168.8  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 4616.6  
 Efficiency: 14.1%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	0	0	0	0	0	0	2	2
57.5°	0	0	0	0	0	0	0	0	1	3	3
55°	0	0	0	0	0	0	1	0	3	5	3
52.5°	0	0	0	0	0	0	1	2	5	5	3
50°	0	0	0	0	0	1	2	4	7	5	5
47.5°	0	0	0	0	0	2	3	5	7	6	6
45°	0	0	0	0	0	2	4	7	7	7	7
42.5°	0	0	0	0	0	3	5	7	7	7	12
40°	0	0	0	0	0	4	6	7	8	7	17
37.5°	0	0	0	0	1	5	6	7	9	11	24
35°	0	0	0	0	2	6	7	7	11	18	31
32.5°	0	0	0	0	3	6	7	7	13	24	40
30°	0	0	0	0	3	7	7	8	16	31	48
27.5°	0	0	0	0	4	7	7	10	21	37	58
25°	0	0	0	0	5	7	7	13	26	44	68
22.5°	0	0	0	0	5	7	7	15	31	52	81
20°	0	0	0	0	6	7	7	18	35	60	94
17.5°	0	0	0	0	6	7	8	21	40	68	105
15°	0	0	0	0	6	7	8	25	44	76	115
12.5°	0	0	0	0	7	7	9	28	48	84	124
10°	0	0	0	0	7	7	10	32	52	92	133
7.5°	0	0	0	0	7	7	11	35	56	99	141
5°	0	0	0	0	7	7	13	38	60	106	148
2.5°	0	0	0	0	7	7	14	41	63	112	155
0°	0	0	0	0	7	7	15	44	65	116	160
-2.5°	0	0	0	0	7	7	15	44	65	116	160
-5°	0	0	0	1	7	9	20	45	78	124	169
-7.5°	0	0	0	1	7	10	23	46	83	127	171
-10°	0	0	0	2	7	10	25	46	86	129	173
-12.5°	0	0	0	2	7	11	27	46	89	131	177
-15°	0	0	0	3	7	11	28	47	89	133	181
-17.5°	0	0	0	3	7	12	29	48	88	133	182
-20°	0	0	0	3	7	12	29	51	87	133	182

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REPORT NUMBER: P627524 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	3	7	12	30	52	85	131	179
-25°	0	0	0	3	7	12	30	54	83	129	175
-27.5°	0	0	0	3	7	13	30	54	80	125	171
-30°	0	0	0	3	7	14	30	54	79	121	166
-32.5°	0	0	0	3	8	15	29	54	79	116	159
-35°	0	0	0	3	9	15	30	53	78	112	151
-37.5°	0	0	0	3	9	15	30	52	77	107	147
-40°	0	0	0	2	10	16	29	50	74	103	143
-42.5°	0	0	0	2	9	16	29	48	71	100	138
-45°	0	0	0	1	9	16	27	46	69	96	131
-47.5°	0	0	0	1	9	16	26	44	66	90	124
-50°	0	0	0	1	8	15	25	41	62	86	116
-52.5°	0	0	0	1	7	15	24	38	58	80	106
-55°	0	0	0	1	7	14	22	35	53	74	98
-57.5°	0	0	0	2	6	13	21	32	48	67	90
-60°	0	0	0	2	5	12	19	29	43	61	80
-62.5°	0	0	0	2	5	11	18	26	39	53	72
-65°	0	0	0	2	5	10	16	23	34	47	63
-67.5°	0	0	0	2	5	9	15	21	30	42	55
-70°	0	0	0	2	4	8	14	19	26	36	48
-72.5°	0	0	0	1	4	8	12	17	22	30	40
-75°	0	0	0	1	4	7	11	14	18	24	32
-77.5°	0	0	0	1	3	6	9	12	15	18	24
-80°	0	0	0	1	2	5	7	9	11	14	17
-82.5°	0	0	0	1	2	3	6	7	8	9	11
-85°	0	0	0	0	1	2	4	4	5	6	6
-87.5°	0	0	0	0	1	1	2	2	2	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P627524 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	1	2	1	2	3
60°	1	0	1	2	2	3	4	6	7	7	15
57.5°	1	2	4	4	5	8	12	14	23	33	40
55°	2	5	6	6	11	17	23	36	49	64	77
52.5°	5	7	7	11	21	32	46	64	83	97	110
50°	7	9	10	23	36	53	75	99	116	130	150
47.5°	10	11	22	37	56	81	110	130	147	173	203
45°	14	21	36	55	80	114	140	159	188	219	250
42.5°	19	33	52	73	112	145	169	197	228	262	296
40°	28	43	70	102	142	174	205	236	268	308	344
37.5°	38	60	89	130	170	206	242	277	316	358	400
35°	46	77	113	156	197	240	279	320	368	414	462
32.5°	58	94	135	180	225	272	315	368	418	469	527
30°	74	113	155	204	251	301	357	415	465	522	584
27.5°	91	129	176	226	275	329	397	455	509	571	639
25°	106	147	196	246	300	363	434	494	551	620	700
22.5°	121	164	218	265	324	396	470	536	602	669	763
20°	135	183	239	290	348	428	505	580	655	741	846
17.5°	149	201	259	316	381	460	541	624	709	813	944
15°	162	217	279	341	410	491	577	668	767	888	1037
12.5°	174	232	298	364	437	520	608	703	817	963	1149
10°	185	246	316	385	459	545	636	734	857	1015	1232
7.5°	195	259	333	403	479	568	659	761	890	1057	1298
5°	204	271	346	417	495	585	678	784	917	1091	1352
2.5°	212	282	356	428	507	596	690	798	935	1123	1393
0°	218	291	364	437	517	604	699	808	946	1150	1419
-2.5°	225	301	372	446	527	612	707	816	959	1158	1426
-5°	231	308	379	453	534	616	711	820	965	1159	1429
-7.5°	235	314	383	457	539	621	714	824	968	1157	1428
-10°	237	317	387	462	543	625	715	823	963	1145	1404
-12.5°	242	318	389	464	545	626	712	816	949	1122	1359
-15°	244	318	389	463	544	625	707	803	928	1094	1300
-17.5°	246	317	387	459	540	622	698	791	908	1063	1260
-20°	245	315	384	452	533	614	691	781	890	1027	1203

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CATALOG NUMBER: GFLD-SA4E-740-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°	243	313	379	445	523	603	681	765	866	982	1140
-25°	240	309	374	440	512	588	667	744	841	951	1086
-27.5°	234	303	367	432	500	572	649	726	813	914	1030
-30°	225	294	358	422	489	557	627	704	783	877	983
-32.5°	214	284	346	410	476	541	605	679	755	836	932
-35°	205	271	334	394	461	524	584	649	724	800	880
-37.5°	198	258	320	377	441	504	561	621	688	762	836
-40°	191	244	305	362	418	481	538	592	652	724	794
-42.5°	182	234	289	345	399	455	514	566	622	688	755
-45°	174	223	274	327	381	432	486	541	596	654	717
-47.5°	165	211	260	308	360	412	459	512	569	623	678
-50°	154	198	243	288	337	389	438	483	534	589	643
-52.5°	142	184	225	266	312	361	411	458	502	549	600
-55°	128	167	206	245	285	331	378	425	472	514	559
-57.5°	116	148	186	224	260	299	344	390	434	478	522
-60°	104	131	163	200	237	272	310	352	395	436	477
-62.5°	92	116	143	174	209	244	279	316	355	390	425
-65°	81	100	124	150	179	211	244	279	314	342	370
-67.5°	69	86	105	127	152	178	205	235	267	294	319
-70°	60	72	87	105	125	147	171	195	219	243	267
-72.5°	50	61	72	84	101	121	140	159	179	200	220
-75°	41	49	59	69	81	96	112	130	146	162	179
-77.5°	31	39	47	54	63	75	87	101	114	128	141
-80°	22	28	35	42	49	56	64	73	82	93	104
-82.5°	15	20	25	30	34	38	42	48	55	62	70
-85°	8	11	14	18	20	22	24	27	31	35	40
-87.5°	4	5	7	8	9	9	10	10	12	14	16
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627524 (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	2	2	1	0	0
62.5°	2	3	6	8	8	9	9	10	10	10	10
60°	18	18	27	33	32	25	36	41	39	34	33
57.5°	51	64	73	76	86	101	106	104	106	110	124
55°	89	99	106	121	136	150	161	168	177	186	197
52.5°	122	139	150	165	185	197	202	222	240	254	262
50°	173	190	210	230	249	266	281	301	325	350	366
47.5°	227	250	274	304	325	342	360	388	421	451	469
45°	278	304	334	363	387	410	439	472	506	536	558
42.5°	323	352	385	417	438	475	514	549	591	628	657
40°	375	404	451	485	513	552	610	661	710	756	785
37.5°	438	486	537	578	617	665	745	823	885	947	991
35°	513	570	634	679	737	826	926	1034	1142	1229	1307
32.5°	584	648	713	784	872	999	1124	1297	1458	1622	1777
30°	648	720	799	890	1033	1210	1413	1678	1966	2253	2581
27.5°	715	795	889	1034	1250	1491	1866	2284	2880	3359	4132
25°	789	878	1006	1238	1537	1960	2615	3361	4593	5646	6833
22.5°	878	1015	1196	1487	1986	2747	3766	5391	7283	9041	10717
20°	987	1173	1483	1947	2662	3833	5765	8229	10861	13433	15920
17.5°	1132	1427	1870	2529	3544	6004	8880	12400	16907	20292	23501
15°	1264	1637	2307	3374	5285	8450	12469	17860	23927	29028	34799
12.5°	1420	1872	2678	4063	6793	10978	16101	22530	29710	37454	46492
10°	1556	2111	3149	5055	8367	13237	18978	26525	35747	46704	58128
7.5°	1662	2311	3543	5798	9693	15090	21938	31117	42797	55603	68632
5°	1743	2466	3852	6382	10821	16594	24099	34750	48064	62763	75718
2.5°	1807	2575	4057	6740	11583	17622	25577	36682	51287	67437	81040
0°	1856	2642	4170	6994	11937	18109	26260	37462	52797	69727	83716
-2.5°	1873	2677	4176	6906	11721	18079	26101	36983	51755	68818	83148
-5°	1880	2659	4071	6723	11339	17430	25056	35167	48574	64578	79101
-7.5°	1866	2588	3857	6272	10482	16286	23596	32471	43461	57571	72581
-10°	1815	2464	3568	5661	9301	14499	21324	28823	37602	49121	61285
-12.5°	1724	2278	3169	4746	7911	12477	18521	25150	31992	39562	49567
-15°	1616	2088	2843	4191	6624	10353	15248	20846	26525	32322	38425
-17.5°	1533	1923	2509	3450	5086	8101	12015	16514	21121	25724	29834
-20°	1428	1726	2184	2916	4103	5888	8831	12332	15774	19528	22678

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Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627524 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	1335	1588	1930	2391	3190	4446	6125	8589	11205	13931	16517
-25°	1246	1437	1709	2079	2557	3304	4412	5701	7536	9213	11134
-27.5°	1172	1332	1517	1791	2152	2561	3241	3993	4956	5756	7038
-30°	1100	1228	1380	1556	1821	2133	2498	2954	3425	3897	4512
-32.5°	1033	1140	1259	1402	1566	1799	2027	2319	2576	2860	3153
-35°	967	1062	1161	1273	1400	1553	1724	1917	2089	2260	2413
-37.5°	910	990	1076	1165	1266	1373	1507	1643	1759	1870	1965
-40°	862	929	1000	1074	1155	1242	1346	1446	1524	1596	1657
-42.5°	818	877	933	996	1063	1143	1224	1300	1354	1404	1443
-45°	777	828	879	930	986	1055	1124	1184	1226	1264	1293
-47.5°	732	778	825	872	925	980	1036	1081	1118	1150	1172
-50°	689	734	776	815	863	912	960	998	1031	1059	1074
-52.5°	647	690	732	773	811	850	887	924	957	986	997
-55°	605	648	686	723	761	797	832	863	893	921	929
-57.5°	565	608	648	679	711	743	776	807	836	861	870
-60°	519	562	598	627	658	689	717	745	774	798	809
-62.5°	464	504	535	564	593	619	645	671	696	716	728
-65°	399	433	465	493	518	542	567	590	611	627	637
-67.5°	343	368	395	420	446	470	491	511	530	544	552
-70°	290	312	335	358	381	402	421	439	456	469	478
-72.5°	240	260	281	302	322	340	356	372	387	398	406
-75°	195	212	230	248	265	280	293	306	318	327	335
-77.5°	155	168	181	194	208	219	230	240	250	257	264
-80°	115	125	135	145	155	163	171	179	187	194	200
-82.5°	78	85	93	101	109	114	118	122	126	131	136
-85°	45	50	55	60	64	68	71	74	77	79	82
-87.5°	18	20	22	24	26	27	27	28	28	30	32
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627524 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	1	2
62.5°	9	7	7	7	7	7	9	10	10	10	10
60°	32	29	29	29	29	29	32	33	34	39	41
57.5°	136	145	151	153	151	145	136	124	110	106	104
55°	206	214	215	211	215	214	206	197	186	177	168
52.5°	267	268	266	262	266	268	267	262	254	240	222
50°	370	369	369	371	369	369	370	366	350	325	301
47.5°	476	481	483	480	483	481	476	469	451	421	388
45°	569	576	578	575	578	576	569	558	536	506	472
42.5°	668	673	675	677	675	673	668	657	628	591	549
40°	799	804	803	801	803	804	799	785	756	710	661
37.5°	1021	1037	1044	1063	1044	1037	1021	991	947	885	823
35°	1367	1405	1425	1456	1425	1405	1367	1307	1229	1142	1034
32.5°	1888	1965	2005	2045	2005	1965	1888	1777	1622	1458	1297
30°	2807	2957	3018	3130	3018	2957	2807	2581	2253	1966	1678
27.5°	4699	5055	5195	5488	5195	5055	4699	4132	3359	2880	2284
25°	7915	8682	9105	9440	9105	8682	7915	6833	5646	4593	3361
22.5°	12409	13534	14135	14579	14135	13534	12409	10717	9041	7283	5391
20°	18175	19659	20545	21187	20545	19659	18175	15920	13433	10861	8229
17.5°	27622	29955	31319	32491	31319	29955	27622	23501	20292	16907	12400
15°	41237	45925	49568	51597	49568	45925	41237	34799	29028	23927	17860
12.5°	54482	61348	65427	67303	65427	61348	54482	46492	37454	29710	22530
10°	67581	74055	77936	78621	77936	74055	67581	58128	46704	35747	26525
7.5°	77609	84728	89885	91759	89885	84728	77609	68632	55603	42797	31117
5°	86466	94802	100259	100951	100259	94802	86466	75718	62763	48064	34750
2.5°	92981	102043	107335	109154	107335	102043	92981	81040	67437	51287	36682
0°	96133	105893	111781	114431	111781	105893	96133	83716	69727	52797	37462
-2.5°	95470	105565	112137	115595	112137	105565	95470	83148	68818	51755	36983
-5°	91840	101964	108093	111767	108093	101964	91840	79101	64578	48574	35167
-7.5°	83469	92937	99460	102851	99460	92937	83469	72581	57571	43461	32471
-10°	72683	80695	86642	89531	86642	80695	72683	61285	49121	37602	28823
-12.5°	58666	66438	71803	73846	71803	66438	58666	49567	39562	31992	25150
-15°	44949	50881	54692	55898	54692	50881	44949	38425	32322	26525	20846
-17.5°	34087	37281	39424	40002	39424	37281	34087	29834	25724	21121	16514
-20°	25538	27517	28908	29237	28908	27517	25538	22678	19528	15774	12332

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REPORT NUMBER: P627524 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	18607	20095	21218	21442	21218	20095	18607	16517	13931	11205	8589
-25°	12835	14079	14841	14899	14841	14079	12835	11134	9213	7536	5701
-27.5°	8047	8730	9083	9207	9083	8730	8047	7038	5756	4956	3993
-30°	4973	5288	5453	5459	5453	5288	4973	4512	3897	3425	2954
-32.5°	3375	3528	3611	3610	3611	3528	3375	3153	2860	2576	2319
-35°	2529	2607	2652	2657	2652	2607	2529	2413	2260	2089	1917
-37.5°	2033	2077	2099	2104	2099	2077	2033	1965	1870	1759	1643
-40°	1700	1730	1749	1761	1749	1730	1700	1657	1596	1524	1446
-42.5°	1470	1490	1499	1492	1499	1490	1470	1443	1404	1354	1300
-45°	1310	1321	1329	1332	1329	1321	1310	1293	1264	1226	1184
-47.5°	1182	1188	1192	1194	1192	1188	1182	1172	1150	1118	1081
-50°	1081	1087	1088	1085	1088	1087	1081	1074	1059	1031	998
-52.5°	1001	1002	1003	1004	1003	1002	1001	997	986	957	924
-55°	934	936	938	939	938	936	934	929	921	893	863
-57.5°	878	884	884	881	884	884	878	870	861	836	807
-60°	818	825	829	830	829	825	818	809	798	774	745
-62.5°	738	745	749	750	749	745	738	728	716	696	671
-65°	645	651	661	670	661	651	645	637	627	611	590
-67.5°	559	565	574	582	574	565	559	552	544	530	511
-70°	485	492	494	495	494	492	485	478	469	456	439
-72.5°	413	420	422	422	422	420	413	406	398	387	372
-75°	342	347	349	349	349	347	342	335	327	318	306
-77.5°	270	275	276	277	276	275	270	264	257	250	240
-80°	205	210	207	204	207	210	205	200	194	187	179
-82.5°	140	145	142	138	142	145	140	136	131	126	122
-85°	85	87	84	80	84	87	85	82	79	77	74
-87.5°	34	36	33	29	33	36	34	32	30	28	28
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627524 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	2	1	0	0	0	0	0	0	0	0	0
62.5°	9	9	8	8	6	3	2	3	2	1	2
60°	36	25	32	33	27	18	18	15	7	7	6
57.5°	106	101	86	76	73	64	51	40	33	23	14
55°	161	150	136	121	106	99	89	77	64	49	36
52.5°	202	197	185	165	150	139	122	110	97	83	64
50°	281	266	249	230	210	190	173	150	130	116	99
47.5°	360	342	325	304	274	250	227	203	173	147	130
45°	439	410	387	363	334	304	278	250	219	188	159
42.5°	514	475	438	417	385	352	323	296	262	228	197
40°	610	552	513	485	451	404	375	344	308	268	236
37.5°	745	665	617	578	537	486	438	400	358	316	277
35°	926	826	737	679	634	570	513	462	414	368	320
32.5°	1124	999	872	784	713	648	584	527	469	418	368
30°	1413	1210	1033	890	799	720	648	584	522	465	415
27.5°	1866	1491	1250	1034	889	795	715	639	571	509	455
25°	2615	1960	1537	1238	1006	878	789	700	620	551	494
22.5°	3766	2747	1986	1487	1196	1015	878	763	669	602	536
20°	5765	3833	2662	1947	1483	1173	987	846	741	655	580
17.5°	8880	6004	3544	2529	1870	1427	1132	944	813	709	624
15°	12469	8450	5285	3374	2307	1637	1264	1037	888	767	668
12.5°	16101	10978	6793	4063	2678	1872	1420	1149	963	817	703
10°	18978	13237	8367	5055	3149	2111	1556	1232	1015	857	734
7.5°	21938	15090	9693	5798	3543	2311	1662	1298	1057	890	761
5°	24099	16594	10821	6382	3852	2466	1743	1352	1091	917	784
2.5°	25577	17622	11583	6740	4057	2575	1807	1393	1123	935	798
0°	26260	18109	11937	6994	4170	2642	1856	1419	1150	946	808
-2.5°	26101	18079	11721	6906	4176	2677	1873	1426	1158	959	816
-5°	25056	17430	11339	6723	4071	2659	1880	1429	1159	965	820
-7.5°	23596	16286	10482	6272	3857	2588	1866	1428	1157	968	824
-10°	21324	14499	9301	5661	3568	2464	1815	1404	1145	963	823
-12.5°	18521	12477	7911	4746	3169	2278	1724	1359	1122	949	816
-15°	15248	10353	6624	4191	2843	2088	1616	1300	1094	928	803
-17.5°	12015	8101	5086	3450	2509	1923	1533	1260	1063	908	791
-20°	8831	5888	4103	2916	2184	1726	1428	1203	1027	890	781

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REPORT NUMBER: P627524 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	6125	4446	3190	2391	1930	1588	1335	1140	982	866	765
-25°	4412	3304	2557	2079	1709	1437	1246	1086	951	841	744
-27.5°	3241	2561	2152	1791	1517	1332	1172	1030	914	813	726
-30°	2498	2133	1821	1556	1380	1228	1100	983	877	783	704
-32.5°	2027	1799	1566	1402	1259	1140	1033	932	836	755	679
-35°	1724	1553	1400	1273	1161	1062	967	880	800	724	649
-37.5°	1507	1373	1266	1165	1076	990	910	836	762	688	621
-40°	1346	1242	1155	1074	1000	929	862	794	724	652	592
-42.5°	1224	1143	1063	996	933	877	818	755	688	622	566
-45°	1124	1055	986	930	879	828	777	717	654	596	541
-47.5°	1036	980	925	872	825	778	732	678	623	569	512
-50°	960	912	863	815	776	734	689	643	589	534	483
-52.5°	887	850	811	773	732	690	647	600	549	502	458
-55°	832	797	761	723	686	648	605	559	514	472	425
-57.5°	776	743	711	679	648	608	565	522	478	434	390
-60°	717	689	658	627	598	562	519	477	436	395	352
-62.5°	645	619	593	564	535	504	464	425	390	355	316
-65°	567	542	518	493	465	433	399	370	342	314	279
-67.5°	491	470	446	420	395	368	343	319	294	267	235
-70°	421	402	381	358	335	312	290	267	243	219	195
-72.5°	356	340	322	302	281	260	240	220	200	179	159
-75°	293	280	265	248	230	212	195	179	162	146	130
-77.5°	230	219	208	194	181	168	155	141	128	114	101
-80°	171	163	155	145	135	125	115	104	93	82	73
-82.5°	118	114	109	101	93	85	78	70	62	55	48
-85°	71	68	64	60	55	50	45	40	35	31	27
-87.5°	27	27	26	24	22	20	18	16	14	12	10
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P627524 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	1	0	0	0
60°	4	3	2	2	1	0	1	2	2	0	0
57.5°	12	8	5	4	4	2	1	3	3	1	0
55°	23	17	11	6	6	5	2	3	5	3	0
52.5°	46	32	21	11	7	7	5	3	5	5	2
50°	75	53	36	23	10	9	7	5	5	7	4
47.5°	110	81	56	37	22	11	10	6	6	7	5
45°	140	114	80	55	36	21	14	7	7	7	7
42.5°	169	145	112	73	52	33	19	12	7	7	7
40°	205	174	142	102	70	43	28	17	7	8	7
37.5°	242	206	170	130	89	60	38	24	11	9	7
35°	279	240	197	156	113	77	46	31	18	11	7
32.5°	315	272	225	180	135	94	58	40	24	13	7
30°	357	301	251	204	155	113	74	48	31	16	8
27.5°	397	329	275	226	176	129	91	58	37	21	10
25°	434	363	300	246	196	147	106	68	44	26	13
22.5°	470	396	324	265	218	164	121	81	52	31	15
20°	505	428	348	290	239	183	135	94	60	35	18
17.5°	541	460	381	316	259	201	149	105	68	40	21
15°	577	491	410	341	279	217	162	115	76	44	25
12.5°	608	520	437	364	298	232	174	124	84	48	28
10°	636	545	459	385	316	246	185	133	92	52	32
7.5°	659	568	479	403	333	259	195	141	99	56	35
5°	678	585	495	417	346	271	204	148	106	60	38
2.5°	690	596	507	428	356	282	212	155	112	63	41
0°	699	604	517	437	364	291	218	160	116	65	44
-2.5°	707	612	527	446	372	301	225	165	121	72	45
-5°	711	616	534	453	379	308	231	169	124	78	45
-7.5°	714	621	539	457	383	314	235	171	127	83	46
-10°	715	625	543	462	387	317	237	173	129	86	46
-12.5°	712	626	545	464	389	318	242	177	131	89	46
-15°	707	625	544	463	389	318	244	181	133	89	47
-17.5°	698	622	540	459	387	317	246	182	133	88	48
-20°	691	614	533	452	384	315	245	182	133	87	51

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REPORT NUMBER: P627524 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	681	603	523	445	379	313	243	179	131	85	52
-25°	667	588	512	440	374	309	240	175	129	83	54
-27.5°	649	572	500	432	367	303	234	171	125	80	54
-30°	627	557	489	422	358	294	225	166	121	79	54
-32.5°	605	541	476	410	346	284	214	159	116	79	54
-35°	584	524	461	394	334	271	205	151	112	78	53
-37.5°	561	504	441	377	320	258	198	147	107	77	52
-40°	538	481	418	362	305	244	191	143	103	74	50
-42.5°	514	455	399	345	289	234	182	138	100	71	48
-45°	486	432	381	327	274	223	174	131	96	69	46
-47.5°	459	412	360	308	260	211	165	124	90	66	44
-50°	438	389	337	288	243	198	154	116	86	62	41
-52.5°	411	361	312	266	225	184	142	106	80	58	38
-55°	378	331	285	245	206	167	128	98	74	53	35
-57.5°	344	299	260	224	186	148	116	90	67	48	32
-60°	310	272	237	200	163	131	104	80	61	43	29
-62.5°	279	244	209	174	143	116	92	72	53	39	26
-65°	244	211	179	150	124	100	81	63	47	34	23
-67.5°	205	178	152	127	105	86	69	55	42	30	21
-70°	171	147	125	105	87	72	60	48	36	26	19
-72.5°	140	121	101	84	72	61	50	40	30	22	17
-75°	112	96	81	69	59	49	41	32	24	18	14
-77.5°	87	75	63	54	47	39	31	24	18	15	12
-80°	64	56	49	42	35	28	22	17	14	11	9
-82.5°	42	38	34	30	25	20	15	11	9	8	7
-85°	24	22	20	18	14	11	8	6	6	5	4
-87.5°	10	9	9	8	7	5	4	3	3	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627524 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	1	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	2	1	0	0	0	0	0
47.5°	3	2	0	0	0	0	0
45°	4	2	0	0	0	0	0
42.5°	5	3	0	0	0	0	0
40°	6	4	0	0	0	0	0
37.5°	6	5	1	0	0	0	0
35°	7	6	2	0	0	0	0
32.5°	7	6	3	0	0	0	0
30°	7	7	3	0	0	0	0
27.5°	7	7	4	0	0	0	0
25°	7	7	5	0	0	0	0
22.5°	7	7	5	0	0	0	0
20°	7	7	6	0	0	0	0
17.5°	8	7	6	0	0	0	0
15°	8	7	6	0	0	0	0
12.5°	9	7	7	0	0	0	0
10°	10	7	7	0	0	0	0
7.5°	11	7	7	0	0	0	0
5°	13	7	7	0	0	0	0
2.5°	14	7	7	0	0	0	0
0°	15	7	7	0	0	0	0
-2.5°	17	8	7	0	0	0	0
-5°	20	9	7	1	0	0	0
-7.5°	23	10	7	1	0	0	0
-10°	25	10	7	2	0	0	0
-12.5°	27	11	7	2	0	0	0
-15°	28	11	7	3	0	0	0
-17.5°	29	12	7	3	0	0	0
-20°	29	12	7	3	0	0	0

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CATALOG NUMBER: GFLD-SA4E-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	30	12	7	3	0	0	0
-25°	30	12	7	3	0	0	0
-27.5°	30	13	7	3	0	0	0
-30°	30	14	7	3	0	0	0
-32.5°	29	15	8	3	0	0	0
-35°	30	15	9	3	0	0	0
-37.5°	30	15	9	3	0	0	0
-40°	29	16	10	2	0	0	0
-42.5°	29	16	9	2	0	0	0
-45°	27	16	9	1	0	0	0
-47.5°	26	16	9	1	0	0	0
-50°	25	15	8	1	0	0	0
-52.5°	24	15	7	1	0	0	0
-55°	22	14	7	1	0	0	0
-57.5°	21	13	6	2	0	0	0
-60°	19	12	5	2	0	0	0
-62.5°	18	11	5	2	0	0	0
-65°	16	10	5	2	0	0	0
-67.5°	15	9	5	2	0	0	0
-70°	14	8	4	2	0	0	0
-72.5°	12	8	4	1	0	0	0
-75°	11	7	4	1	0	0	0
-77.5°	9	6	3	1	0	0	0
-80°	7	5	2	1	0	0	0
-82.5°	6	3	2	1	0	0	0
-85°	4	2	1	0	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)