

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: P627870 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-730-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P627870 (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-SA6C-730-U-VWR-VSR-XX
 Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
 Light Source: (96) 3000K CCT, 70 CRI LEDS
 Ballast/Driver: -

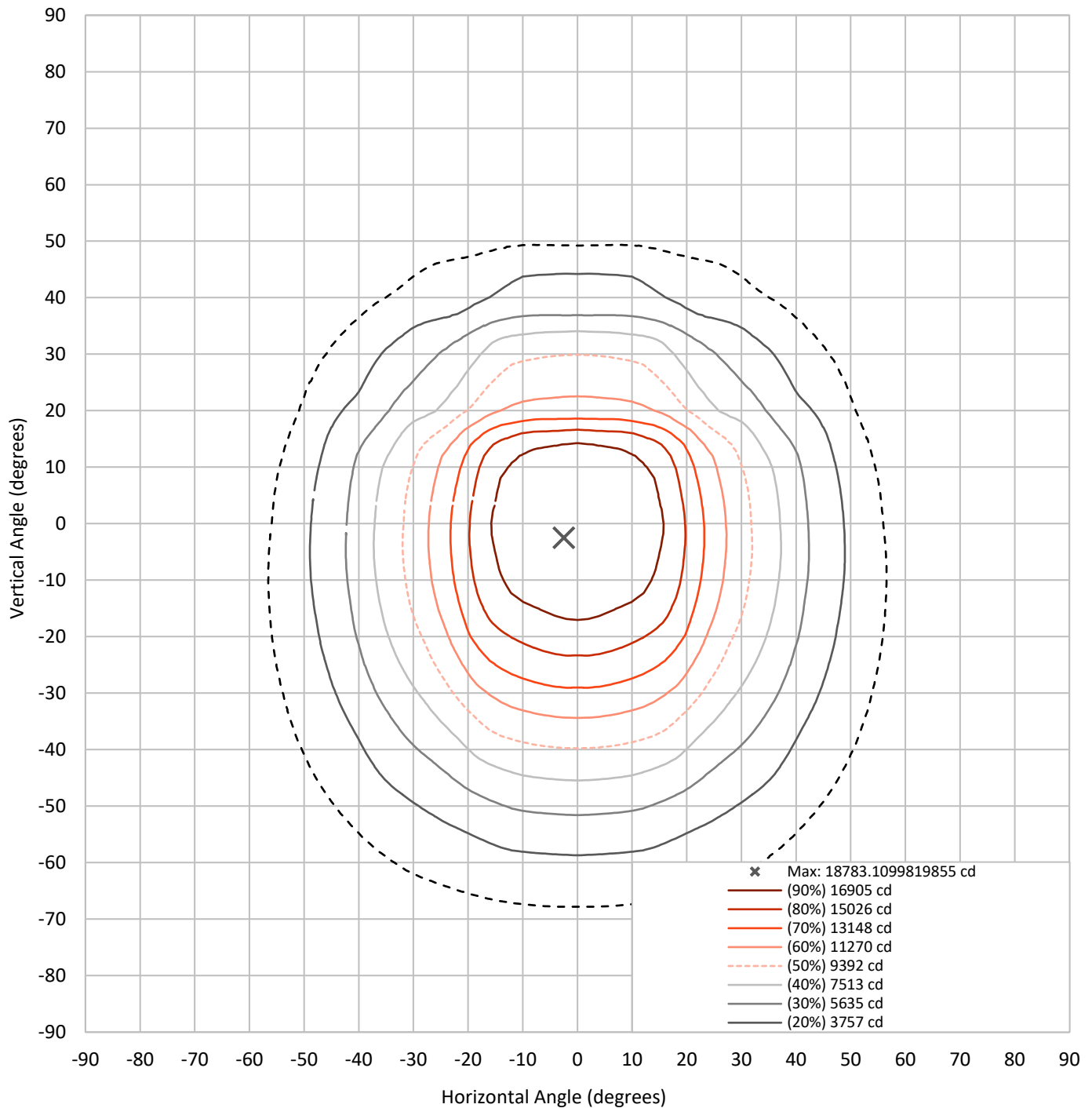
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	25066.7 lumens	Max Intensity:	18783.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	101.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	14502.8 lumens	Field Lumens:	23786.7 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	247.5		
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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CATALOG NUMBER: GFLD-SA6C-730-U-VWR-VSR-XX

Iso-Candela Plot





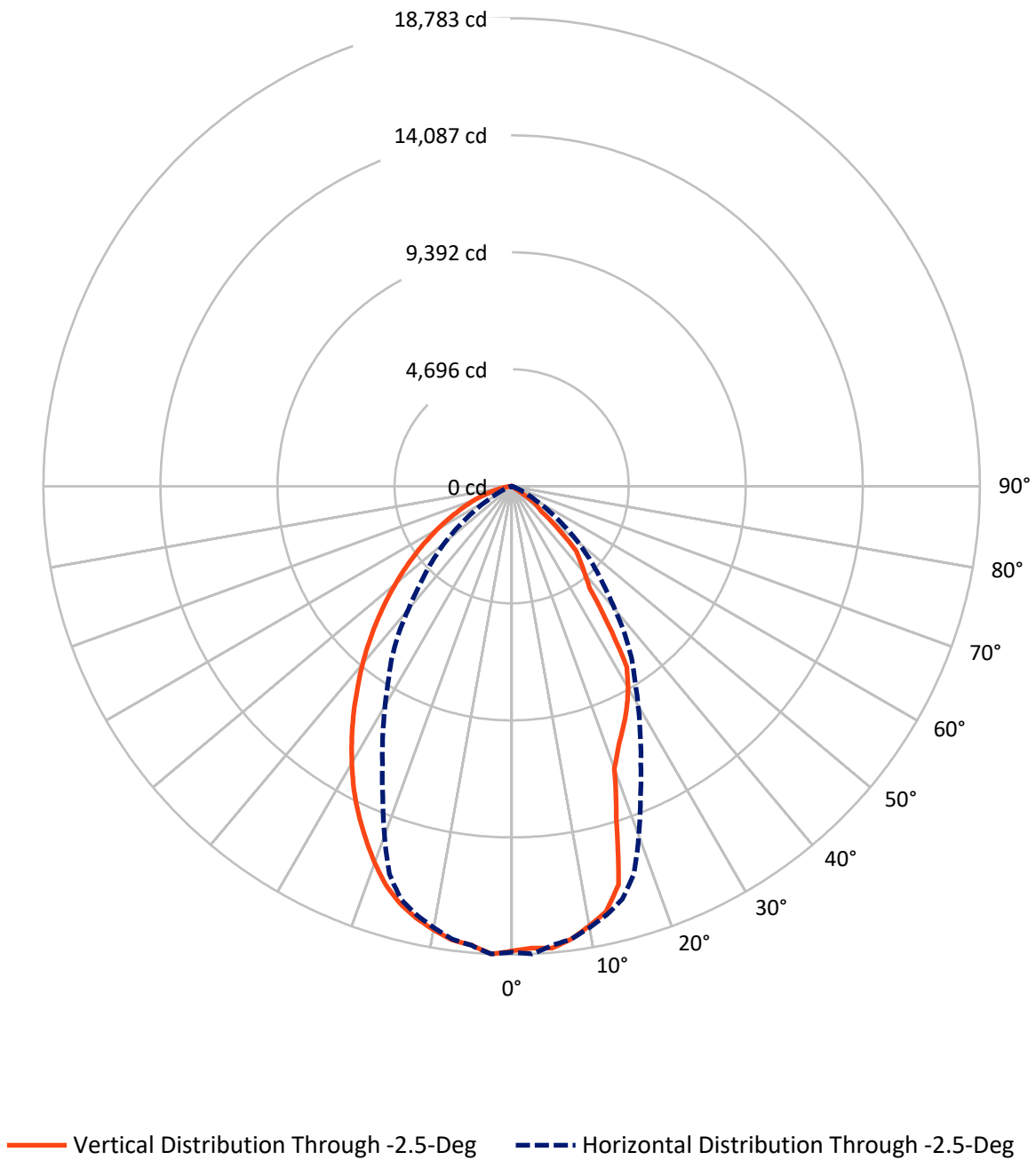
REPORT NUMBER: P627870 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																			
80	0.1	0.2		0.1	0.3		0.3		0.3		0.1	0.2		0.1					
70																			
60	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.1	0.1	0.2			
50		0.2	0.5	2.3	6.8	13.2	19.5	24.3	24.3	19.5	13.2	6.8	2.3	0.5	0.2				
40	0.4	0.5	2.8	12.8	31.1	56.0	82.6	101.2	101.2	82.6	56.0	31.1	12.8	2.8	0.5	0.4			
30		1.2	9.3	32.6	72.6	117.8	176.6	206.5	206.5	176.6	117.8	72.6	32.6	9.3	1.2				
20	0.8	2.8	18.0	57.7	117.1	185.6	278.4	320.0	320.0	278.4	185.6	117.1	57.7	18.0	2.8	0.8			
10		4.8	27.7	85.4	168.6	277.5	413.2	473.8	473.8	413.2	277.5	168.6	85.4	27.7	4.8				
0	1.3	6.5	35.9	101.4	201.7	331.6	487.9	553.6	553.6	487.9	331.6	201.7	101.4	35.9	6.5	1.3			
-10		7.7	39.6	105.3	207.1	339.2	491.5	555.7	555.7	491.5	339.2	207.1	105.3	39.6	7.7				
-20	1.6	8.1	38.7	99.7	195.3	317.6	456.1	515.4	515.4	456.1	317.6	195.3	99.7	38.7	8.1	1.6			
-30		7.3	33.9	86.9	168.7	270.0	382.4	433.1	433.1	382.4	270.0	168.7	86.9	33.9	7.3				
-40	1.6	6.1	27.0	68.4	132.7	208.3	292.0	330.6	330.6	292.0	208.3	132.7	68.4	27.0	6.1	1.6			
-50		4.9	19.9	48.8	95.0	146.5	202.1	229.4	229.4	202.1	146.5	95.0	48.8	19.9	4.9				
-60	1.2	3.7	13.1	31.3	59.1	90.9	123.5	140.9	140.9	123.5	90.9	59.1	31.3	13.1	3.7	1.2			
-70		2.6	7.9	18.3	32.5	48.2	63.8	72.3	72.3	63.8	48.2	32.5	18.3	7.9	2.6				
-80	0.4	5.9		27.0		58.9		65.8		58.9		27.0		5.9		0.4			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

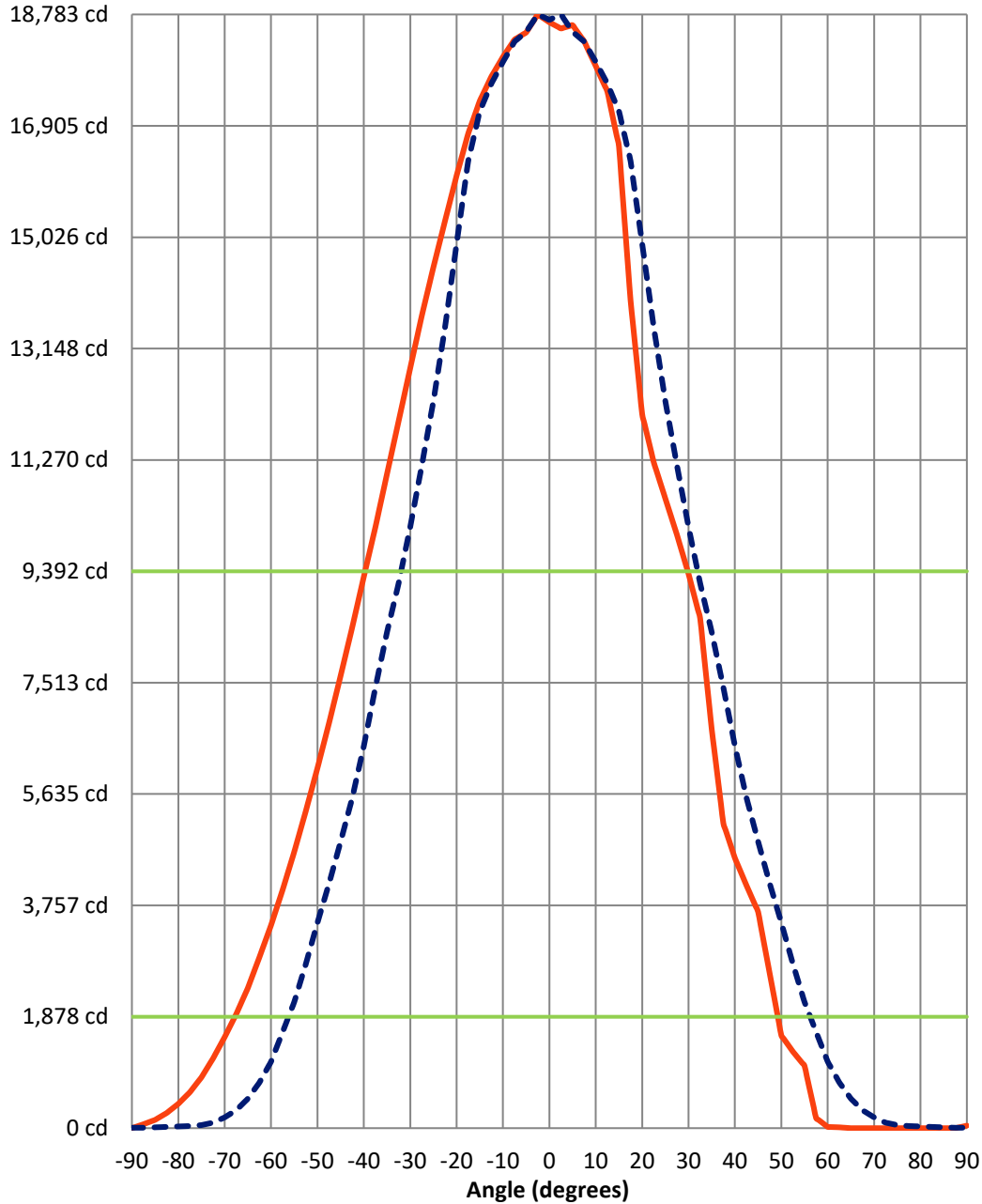
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 14502.8
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 23786.7
 Efficiency: 94.9%

Spill:
 Lumens: 1280
 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°	7	7	7	9	11	12	14	16	18	19	21
87.5°	7	7	7	7	6	6	5	4	2	1	0
85°	7	7	7	7	6	5	3	2	1	0	0
82.5°	7	7	7	6	5	4	2	1	0	1	2
80°	7	7	7	6	5	3	0	1	3	4	5
77.5°	7	7	7	6	4	2	2	3	5	6	6
75°	7	7	7	6	4	3	4	5	7	6	4
72.5°	7	7	7	6	4	5	6	7	6	4	1
70°	7	7	7	6	5	6	7	7	5	3	3
67.5°	7	7	7	6	6	7	7	6	5	5	6
65°	7	7	7	6	6	7	7	6	7	8	9
62.5°	7	7	7	6	7	8	8	8	9	11	10
60°	7	7	7	6	7	8	8	10	12	12	11
57.5°	7	7	7	7	8	9	10	12	14	14	14
55°	7	7	7	7	8	10	12	14	16	16	17
52.5°	7	7	7	7	9	11	13	16	18	19	20
50°	7	7	7	7	10	12	15	18	21	22	24
47.5°	7	7	8	7	11	14	17	20	23	25	27
45°	7	7	8	8	12	15	19	22	26	28	30
42.5°	7	7	8	8	12	16	20	24	28	31	37
40°	7	7	8	9	13	18	22	27	31	34	44
37.5°	7	7	9	10	14	19	23	29	34	39	51
35°	7	7	9	11	15	20	25	32	37	47	65
32.5°	7	7	9	12	16	21	26	34	40	58	93
30°	7	7	10	13	17	22	28	37	44	70	119
27.5°	7	7	10	14	18	23	30	40	50	83	146
25°	7	7	10	15	19	24	33	42	60	102	171
22.5°	7	7	11	15	20	26	35	45	70	123	205
20°	7	7	11	16	21	27	37	48	82	143	238
17.5°	7	7	11	17	22	28	39	51	93	162	271
15°	7	7	12	18	23	29	41	54	104	180	303
12.5°	7	7	12	18	24	30	42	59	117	196	334
10°	7	7	13	19	25	31	44	64	130	215	365
7.5°	7	7	13	19	26	32	46	69	143	234	397
5°	7	7	13	20	27	33	47	75	155	251	427
2.5°	7	7	14	21	27	34	48	79	166	267	454
0°	7	7	14	21	28	35	49	84	175	280	477
-2.5°	7	7	14	21	29	36	52	93	182	303	498
-5°	7	7	14	21	29	37	54	100	188	322	515
-7.5°	7	7	14	21	30	37	56	107	192	338	528
-10°	7	7	14	21	30	38	58	113	195	349	538
-12.5°	7	7	14	20	30	38	60	117	198	355	546
-15°	7	7	14	20	30	38	61	120	202	355	548
-17.5°	7	7	13	20	30	39	61	122	208	351	545
-20°	7	7	13	20	30	39	62	125	212	345	535

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CATALOG NUMBER: GFLD-SA6C-730-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°	7	7	13	19	30	39	66	126	213	335	518
-25°	7	7	13	19	29	42	70	126	213	324	494
-27.5°	7	7	12	19	28	45	72	124	210	313	476
-30°	7	7	12	18	28	48	74	120	206	309	456
-32.5°	7	7	12	18	29	50	75	120	201	301	434
-35°	7	7	11	17	29	52	77	121	194	290	409
-37.5°	7	7	11	17	30	53	79	121	185	276	397
-40°	7	7	11	16	30	54	80	119	174	263	385
-42.5°	7	7	10	16	30	54	81	116	168	252	366
-45°	7	7	10	16	31	53	80	114	163	238	342
-47.5°	7	7	9	16	30	52	79	112	157	222	323
-50°	7	7	9	16	30	51	77	109	153	217	300
-52.5°	7	7	9	15	29	50	75	106	149	209	276
-55°	7	7	8	15	28	47	73	101	144	199	265
-57.5°	7	7	8	14	26	45	69	97	137	189	251
-60°	7	7	7	14	24	42	65	92	129	178	235
-62.5°	7	7	7	13	23	38	60	86	118	164	217
-65°	7	7	7	12	21	34	54	77	105	145	196
-67.5°	7	7	7	11	20	31	48	68	90	124	169
-70°	7	7	7	10	18	28	41	58	77	100	136
-72.5°	7	7	7	10	16	25	36	47	64	83	104
-75°	7	7	7	10	14	22	31	40	50	65	83
-77.5°	7	7	7	10	13	18	26	34	41	49	61
-80°	7	7	7	10	13	17	21	27	33	40	47
-82.5°	7	7	7	9	12	16	19	22	25	30	35
-85°	7	7	7	9	12	14	18	20	22	25	27
-87.5°	7	7	7	9	11	13	16	18	20	22	24
-90°	7	7	7	7	7	7	7	5	3	2	0



REPORT NUMBER: P627870 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-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°	21	21	21	21	21	21	21	21	23	25	26
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°	2	2	1	0	0	0	0	0	0	0	0
80°	5	4	2	0	0	0	0	0	0	0	0
77.5°	4	2	1	0	0	0	0	0	0	0	0
75°	1	0	0	0	0	0	0	0	0	0	0
72.5°	1	2	2	1	0	0	0	0	0	0	0
70°	4	4	3	1	0	0	1	1	0	0	1
67.5°	7	5	3	2	3	4	3	4	4	4	4
65°	7	5	5	6	7	8	8	9	7	6	6
62.5°	7	8	9	10	11	12	12	11	8	10	12
60°	10	11	13	14	16	16	16	16	18	20	39
57.5°	14	15	17	19	21	21	22	24	56	91	100
55°	18	18	21	25	27	27	38	81	122	170	187
52.5°	21	23	28	32	35	54	97	155	216	270	340
50°	25	30	35	41	66	116	180	259	351	437	526
47.5°	31	38	46	65	130	200	288	415	528	633	754
45°	39	52	61	129	204	295	443	599	702	842	1057
42.5°	46	72	116	195	287	433	617	749	886	1113	1339
40°	66	96	175	269	385	598	787	937	1124	1375	1611
37.5°	91	147	235	348	540	773	975	1189	1404	1641	2079
35°	118	194	311	464	694	967	1208	1447	1695	2162	2597
32.5°	154	237	391	598	861	1161	1441	1717	2114	2643	3079
30°	192	307	482	723	1019	1338	1675	2010	2535	2973	3446
27.5°	233	380	590	853	1166	1505	1886	2363	2832	3264	3784
25°	274	457	688	977	1311	1686	2124	2705	3072	3550	4092
22.5°	327	530	785	1090	1445	1872	2430	3014	3445	3847	4377
20°	388	612	891	1231	1577	2054	2734	3349	3856	4316	4803
17.5°	445	689	1004	1375	1768	2287	3033	3713	4271	4784	5392
15°	498	760	1115	1511	1957	2553	3301	4048	4685	5263	5953
12.5°	546	826	1222	1639	2134	2783	3526	4255	4956	5708	6491
10°	590	884	1323	1757	2298	2978	3712	4428	5135	5931	6801
7.5°	637	939	1414	1864	2448	3138	3861	4566	5279	6109	7003
5°	680	989	1487	1941	2563	3264	3972	4671	5389	6242	7155
2.5°	718	1031	1546	2001	2649	3356	4045	4759	5470	6349	7272
0°	750	1066	1592	2047	2713	3422	4088	4817	5518	6423	7348
-2.5°	771	1122	1623	2128	2770	3465	4126	4833	5569	6446	7434
-5°	785	1168	1641	2190	2807	3484	4139	4821	5583	6440	7447
-7.5°	794	1200	1650	2226	2820	3472	4117	4797	5561	6418	7391
-10°	799	1210	1662	2215	2803	3435	4070	4741	5497	6346	7285
-12.5°	812	1203	1660	2191	2766	3378	4000	4653	5391	6224	7139
-15°	815	1189	1640	2157	2710	3304	3907	4532	5260	6105	6977
-17.5°	808	1167	1601	2112	2634	3214	3799	4423	5138	5967	6808
-20°	789	1139	1543	2060	2545	3114	3690	4309	4997	5777	6617

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CATALOG NUMBER: GFLD-SA6C-730-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°	758	1105	1479	1987	2467	2999	3563	4153	4820	5529	6362
-25°	727	1066	1429	1887	2374	2865	3417	3963	4613	5309	6048
-27.5°	696	1012	1377	1777	2265	2721	3252	3784	4379	5062	5742
-30°	657	954	1314	1671	2134	2587	3067	3591	4127	4774	5444
-32.5°	622	894	1241	1591	1993	2435	2868	3368	3890	4442	5104
-35°	599	858	1165	1498	1849	2269	2682	3116	3622	4140	4721
-37.5°	580	817	1084	1401	1735	2096	2482	2881	3323	3845	4391
-40°	551	770	1024	1309	1604	1932	2290	2652	3034	3545	4083
-42.5°	513	725	968	1208	1478	1777	2096	2436	2804	3247	3742
-45°	484	668	906	1120	1344	1617	1917	2225	2572	2952	3397
-47.5°	446	606	824	1025	1221	1455	1728	2020	2328	2671	3035
-50°	407	554	723	919	1107	1301	1534	1804	2083	2382	2707
-52.5°	377	493	648	811	989	1166	1364	1596	1845	2094	2381
-55°	343	448	576	722	874	1037	1218	1421	1624	1853	2081
-57.5°	319	405	516	643	779	918	1089	1260	1448	1638	1827
-60°	300	368	460	571	693	823	963	1121	1283	1438	1602
-62.5°	279	338	409	500	611	723	847	982	1129	1259	1386
-65°	251	302	364	438	524	620	725	839	966	1072	1175
-67.5°	219	262	314	374	446	521	598	695	797	884	968
-70°	179	219	261	311	367	430	498	568	639	709	786
-72.5°	137	173	209	244	289	341	396	455	517	577	636
-75°	104	128	159	191	222	256	293	340	397	456	509
-77.5°	79	99	120	141	161	186	213	242	289	343	398
-80°	57	69	85	103	117	130	145	159	194	238	284
-82.5°	42	50	60	70	77	84	91	101	127	156	187
-85°	29	31	36	42	46	50	54	58	72	88	105
-87.5°	25	26	28	29	30	30	31	31	36	41	46
-90°	0	0	0	0	0	0	0	0	0	0	0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	28	30	32	33	35	37	39	40	42	42	42
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°	1	0	0	0	0	0	0	0	0	0	0
67.5°	3	4	4	3	1	0	0	0	0	0	0
65°	7	7	5	3	2	3	4	5	5	5	4
62.5°	11	10	9	11	13	15	14	13	12	12	12
60°	41	28	32	40	37	26	42	48	41	28	27
57.5°	105	101	116	170	187	170	203	247	246	212	210
55°	224	300	393	408	472	601	701	657	657	690	796
52.5°	425	498	524	596	730	828	891	956	1027	1099	1173
50°	624	694	774	847	1033	1133	1117	1251	1423	1530	1585
47.5°	916	1026	1194	1458	1597	1697	1822	1974	2171	2438	2644
45°	1259	1432	1693	1973	2188	2286	2429	2665	2979	3284	3508
42.5°	1539	1777	2071	2339	2514	2675	2860	3059	3419	3745	4003
40°	1905	2091	2420	2672	2829	2989	3282	3580	3918	4222	4434
37.5°	2369	2578	2920	3206	3357	3413	3912	4326	4601	4989	5116
35°	2867	3211	3648	4017	4166	4462	4975	5553	6179	6409	6605
32.5°	3423	3847	4440	4836	5048	5498	6148	6764	7583	8027	8160
30°	3931	4418	4928	5313	5675	6217	6809	7570	8327	8894	9071
27.5°	4305	4843	5333	5694	6103	6687	7425	8195	8938	9518	9724
25°	4661	5270	5657	6077	6557	7194	8012	8868	9599	10089	10342
22.5°	5066	5667	6083	6438	7066	7799	8559	9526	10301	10692	10965
20°	5484	6164	6806	7137	7680	8609	9459	10372	11120	11528	11816
17.5°	6068	6934	7722	8190	8772	9882	10943	11866	12908	13276	13628
15°	6683	7685	8609	9351	10102	11202	12568	13682	14870	15401	16001
12.5°	7297	8245	9081	10039	11098	12071	13371	14758	15837	16513	16917
10°	7755	8636	9441	10401	11457	12558	13850	15272	16401	16979	17308
7.5°	8003	8845	9694	10667	11719	12891	14223	15634	16788	17347	17673
5°	8186	8996	9875	10899	11963	13151	14481	15875	16927	17522	17934
2.5°	8298	9091	9990	11049	12115	13353	14747	16192	17113	17591	17970
0°	8330	9129	10055	11127	12221	13469	14851	16281	17213	17676	18062
-2.5°	8366	9189	10140	11178	12263	13507	14917	16311	17150	17617	17984
-5°	8341	9194	10142	11136	12228	13462	14816	16119	16997	17502	17866
-7.5°	8265	9130	10069	11024	12095	13344	14692	15947	16836	17368	17767
-10°	8155	8995	9940	10908	11966	13155	14482	15729	16580	17145	17610
-12.5°	8034	8856	9767	10695	11742	12915	14201	15382	16228	16844	17177
-15°	7853	8675	9546	10444	11464	12603	13831	14964	15794	16296	16663
-17.5°	7624	8430	9256	10108	11068	12190	13426	14543	15220	15668	16029
-20°	7378	8124	8906	9710	10641	11752	12966	13940	14578	15009	15350

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627870 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-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°	7098	7816	8531	9300	10213	11232	12304	13245	13931	14324	14639
-25°	6777	7476	8155	8898	9737	10652	11649	12575	13189	13606	13918
-27.5°	6432	7088	7752	8419	9173	10086	11009	11868	12393	12813	13127
-30°	6088	6678	7292	7923	8631	9454	10317	11040	11593	12001	12293
-32.5°	5714	6275	6819	7409	8075	8800	9558	10246	10837	11210	11456
-35°	5332	5875	6373	6908	7496	8122	8821	9499	10083	10379	10618
-37.5°	4934	5475	5947	6394	6901	7480	8161	8808	9313	9567	9783
-40°	4588	5064	5489	5917	6329	6843	7479	8105	8510	8758	8958
-42.5°	4252	4653	5001	5385	5797	6304	6817	7343	7668	7943	8154
-45°	3860	4219	4545	4865	5240	5703	6169	6590	6895	7161	7366
-47.5°	3427	3774	4091	4376	4725	5111	5504	5854	6155	6417	6601
-50°	3024	3333	3643	3931	4234	4547	4865	5172	5458	5713	5869
-52.5°	2662	2948	3218	3471	3736	4000	4263	4545	4807	5049	5174
-55°	2335	2593	2837	3049	3262	3471	3697	3957	4199	4423	4512
-57.5°	2041	2262	2478	2658	2831	2998	3196	3416	3627	3819	3892
-60°	1771	1946	2127	2287	2438	2581	2754	2930	3102	3246	3309
-62.5°	1523	1673	1810	1939	2067	2196	2335	2476	2614	2726	2782
-65°	1284	1403	1513	1619	1723	1831	1940	2046	2149	2229	2278
-67.5°	1059	1149	1237	1320	1406	1494	1579	1661	1738	1799	1846
-70°	859	929	998	1067	1139	1207	1271	1332	1390	1434	1470
-72.5°	693	750	809	871	929	980	1026	1071	1113	1138	1157
-75°	559	606	658	708	757	795	829	862	894	895	889
-77.5°	451	494	534	573	612	636	657	678	700	687	667
-80°	331	367	400	434	468	482	492	501	508	492	471
-82.5°	220	242	264	286	309	318	325	330	335	320	303
-85°	123	133	144	155	165	172	177	183	188	179	169
-87.5°	51	53	56	58	60	63	65	67	69	69	70
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627870 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-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°	42	42	42	42	42	42	42	42	42	42	40
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	0	0	0	0	0	2	4	5	5	5
62.5°	13	13	14	14	14	13	13	12	12	12	13
60°	25	22	21	21	21	22	25	27	28	41	48
57.5°	194	166	171	189	171	166	194	210	212	246	247
55°	908	1014	1051	1031	1051	1014	908	796	690	657	657
52.5°	1231	1274	1291	1290	1291	1274	1231	1173	1099	1027	956
50°	1602	1588	1565	1543	1565	1588	1602	1585	1530	1423	1251
47.5°	2674	2628	2608	2643	2608	2628	2674	2644	2438	2171	1974
45°	3553	3608	3648	3646	3648	3608	3553	3508	3284	2979	2665
42.5°	4054	4083	4091	4081	4091	4083	4054	4003	3745	3419	3059
40°	4500	4535	4554	4572	4554	4535	4500	4434	4222	3918	3580
37.5°	5158	5171	5143	5126	5143	5171	5158	5116	4989	4601	4326
35°	6771	6804	6727	6808	6727	6804	6771	6605	6409	6179	5553
32.5°	8318	8473	8598	8701	8598	8473	8318	8160	8027	7583	6764
30°	9194	9294	9347	9361	9347	9294	9194	9071	8894	8327	7570
27.5°	9837	9942	10007	10055	10007	9942	9837	9724	9518	8938	8195
25°	10457	10553	10618	10644	10618	10553	10457	10342	10089	9599	8868
22.5°	11101	11167	11230	11261	11230	11167	11101	10965	10692	10301	9526
20°	12023	11987	12044	12025	12044	11987	12023	11816	11528	11120	10372
17.5°	13903	13922	13960	14023	13960	13922	13903	13628	13276	12908	11866
15°	16267	16314	16556	16772	16556	16314	16267	16001	15401	14870	13682
12.5°	17292	17457	17482	17543	17482	17457	17292	16917	16513	15837	14758
10°	17634	17919	17913	17985	17913	17919	17634	17308	16979	16401	15272
7.5°	17894	18200	18329	18384	18329	18200	17894	17673	17347	16788	15634
5°	18211	18379	18603	18539	18603	18379	18211	17934	17522	16927	15875
2.5°	18344	18607	18547	18609	18547	18607	18344	17970	17591	17113	16192
0°	18433	18623	18651	18714	18651	18623	18433	18062	17676	17213	16281
-2.5°	18325	18491	18783	18693	18783	18491	18325	17984	17617	17150	16311
-5°	18229	18639	18480	18679	18480	18639	18229	17866	17502	16997	16119
-7.5°	18180	18254	18359	18511	18359	18254	18180	17767	17368	16836	15947
-10°	17800	17875	18069	18174	18069	17875	17800	17610	17145	16580	15729
-12.5°	17387	17532	17736	17802	17736	17532	17387	17177	16844	16228	15382
-15°	16911	17127	17326	17368	17326	17127	16911	16663	16296	15794	14964
-17.5°	16307	16566	16774	16821	16774	16566	16307	16029	15668	15220	14543
-20°	15641	15888	16066	16120	16066	15888	15641	15350	15009	14578	13940

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REPORT NUMBER: P627870 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-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°	14927	15151	15301	15278	15301	15151	14927	14639	14324	13931	13245
-25°	14170	14377	14520	14500	14520	14377	14170	13918	13606	13189	12575
-27.5°	13370	13566	13703	13708	13703	13566	13370	13127	12813	12393	11868
-30°	12528	12707	12818	12775	12818	12707	12528	12293	12001	11593	11040
-32.5°	11661	11822	11924	11955	11924	11822	11661	11456	11210	10837	10246
-35°	10805	10947	11035	11057	11035	10947	10805	10618	10379	10083	9499
-37.5°	9955	10077	10139	10111	10139	10077	9955	9783	9567	9313	8808
-40°	9114	9231	9302	9318	9302	9231	9114	8958	8758	8510	8105
-42.5°	8288	8385	8447	8477	8447	8385	8288	8154	7943	7668	7343
-45°	7487	7573	7631	7664	7631	7573	7487	7366	7161	6895	6590
-47.5°	6706	6782	6833	6857	6833	6782	6706	6601	6417	6155	5854
-50°	5961	6026	6073	6100	6073	6026	5961	5869	5713	5458	5172
-52.5°	5253	5311	5351	5371	5351	5311	5253	5174	5049	4807	4545
-55°	4578	4624	4661	4684	4661	4624	4578	4512	4423	4199	3957
-57.5°	3948	3986	4021	4046	4021	3986	3948	3892	3819	3627	3416
-60°	3358	3394	3424	3443	3424	3394	3358	3309	3246	3102	2930
-62.5°	2826	2858	2885	2903	2885	2858	2826	2782	2726	2614	2476
-65°	2316	2344	2365	2377	2365	2344	2316	2278	2229	2149	2046
-67.5°	1886	1919	1925	1921	1925	1919	1886	1846	1799	1738	1661
-70°	1502	1530	1536	1536	1536	1530	1502	1470	1434	1390	1332
-72.5°	1175	1190	1177	1157	1177	1190	1175	1157	1138	1113	1071
-75°	881	872	858	841	858	872	881	889	895	894	862
-77.5°	645	622	606	589	606	622	645	667	687	700	678
-80°	449	426	410	393	410	426	449	471	492	508	501
-82.5°	285	265	256	245	256	265	285	303	320	335	330
-85°	158	147	140	133	140	147	158	169	179	188	183
-87.5°	70	70	67	63	67	70	70	70	69	69	67
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627870 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	39	37	35	33	32	30	28	26	25	23	21
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	1	1	0	0	1
67.5°	0	0	1	3	4	4	3	4	4	4	4
65°	4	3	2	3	5	7	7	6	6	7	9
62.5°	14	15	13	11	9	10	11	12	10	8	11
60°	42	26	37	40	32	28	41	39	20	18	16
57.5°	203	170	187	170	116	101	105	100	91	56	24
55°	701	601	472	408	393	300	224	187	170	122	81
52.5°	891	828	730	596	524	498	425	340	270	216	155
50°	1117	1133	1033	847	774	694	624	526	437	351	259
47.5°	1822	1697	1597	1458	1194	1026	916	754	633	528	415
45°	2429	2286	2188	1973	1693	1432	1259	1057	842	702	599
42.5°	2860	2675	2514	2339	2071	1777	1539	1339	1113	886	749
40°	3282	2989	2829	2672	2420	2091	1905	1611	1375	1124	937
37.5°	3912	3413	3357	3206	2920	2578	2369	2079	1641	1404	1189
35°	4975	4462	4166	4017	3648	3211	2867	2597	2162	1695	1447
32.5°	6148	5498	5048	4836	4440	3847	3423	3079	2643	2114	1717
30°	6809	6217	5675	5313	4928	4418	3931	3446	2973	2535	2010
27.5°	7425	6687	6103	5694	5333	4843	4305	3784	3264	2832	2363
25°	8012	7194	6557	6077	5657	5270	4661	4092	3550	3072	2705
22.5°	8559	7799	7066	6438	6083	5667	5066	4377	3847	3445	3014
20°	9459	8609	7680	7137	6806	6164	5484	4803	4316	3856	3349
17.5°	10943	9882	8772	8190	7722	6934	6068	5392	4784	4271	3713
15°	12568	11202	10102	9351	8609	7685	6683	5953	5263	4685	4048
12.5°	13371	12071	11098	10039	9081	8245	7297	6491	5708	4956	4255
10°	13850	12558	11457	10401	9441	8636	7755	6801	5931	5135	4428
7.5°	14223	12891	11719	10667	9694	8845	8003	7003	6109	5279	4566
5°	14481	13151	11963	10899	9875	8996	8186	7155	6242	5389	4671
2.5°	14747	13353	12115	11049	9990	9091	8298	7272	6349	5470	4759
0°	14851	13469	12221	11127	10055	9129	8330	7348	6423	5518	4817
-2.5°	14917	13507	12263	11178	10140	9189	8366	7434	6446	5569	4833
-5°	14816	13462	12228	11136	10142	9194	8341	7447	6440	5583	4821
-7.5°	14692	13344	12095	11024	10069	9130	8265	7391	6418	5561	4797
-10°	14482	13155	11966	10908	9940	8995	8155	7285	6346	5497	4741
-12.5°	14201	12915	11742	10695	9767	8856	8034	7139	6224	5391	4653
-15°	13831	12603	11464	10444	9546	8675	7853	6977	6105	5260	4532
-17.5°	13426	12190	11068	10108	9256	8430	7624	6808	5967	5138	4423
-20°	12966	11752	10641	9710	8906	8124	7378	6617	5777	4997	4309

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REPORT NUMBER: P627870 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-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°	12304	11232	10213	9300	8531	7816	7098	6362	5529	4820	4153
-25°	11649	10652	9737	8898	8155	7476	6777	6048	5309	4613	3963
-27.5°	11009	10086	9173	8419	7752	7088	6432	5742	5062	4379	3784
-30°	10317	9454	8631	7923	7292	6678	6088	5444	4774	4127	3591
-32.5°	9558	8800	8075	7409	6819	6275	5714	5104	4442	3890	3368
-35°	8821	8122	7496	6908	6373	5875	5332	4721	4140	3622	3116
-37.5°	8161	7480	6901	6394	5947	5475	4934	4391	3845	3323	2881
-40°	7479	6843	6329	5917	5489	5064	4588	4083	3545	3034	2652
-42.5°	6817	6304	5797	5385	5001	4653	4252	3742	3247	2804	2436
-45°	6169	5703	5240	4865	4545	4219	3860	3397	2952	2572	2225
-47.5°	5504	5111	4725	4376	4091	3774	3427	3035	2671	2328	2020
-50°	4865	4547	4234	3931	3643	3333	3024	2707	2382	2083	1804
-52.5°	4263	4000	3736	3471	3218	2948	2662	2381	2094	1845	1596
-55°	3697	3471	3262	3049	2837	2593	2335	2081	1853	1624	1421
-57.5°	3196	2998	2831	2658	2478	2262	2041	1827	1638	1448	1260
-60°	2754	2581	2438	2287	2127	1946	1771	1602	1438	1283	1121
-62.5°	2335	2196	2067	1939	1810	1673	1523	1386	1259	1129	982
-65°	1940	1831	1723	1619	1513	1403	1284	1175	1072	966	839
-67.5°	1579	1494	1406	1320	1237	1149	1059	968	884	797	695
-70°	1271	1207	1139	1067	998	929	859	786	709	639	568
-72.5°	1026	980	929	871	809	750	693	636	577	517	455
-75°	829	795	757	708	658	606	559	509	456	397	340
-77.5°	657	636	612	573	534	494	451	398	343	289	242
-80°	492	482	468	434	400	367	331	284	238	194	159
-82.5°	325	318	309	286	264	242	220	187	156	127	101
-85°	177	172	165	155	144	133	123	105	88	72	58
-87.5°	65	63	60	58	56	53	51	46	41	36	31
-90°	0	0	0	0	0	0	0	0	0	0	0

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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	21	21	21	21	21	21	21	21	19	18	16
87.5°	0	0	0	0	0	0	0	0	1	2	4
85°	0	0	0	0	0	0	0	0	0	1	2
82.5°	0	0	0	0	1	2	2	2	1	0	1
80°	0	0	0	0	2	4	5	5	4	3	1
77.5°	0	0	0	0	1	2	4	6	6	5	3
75°	0	0	0	0	0	0	1	4	6	7	5
72.5°	0	0	0	1	2	2	1	1	4	6	7
70°	1	0	0	1	3	4	4	3	3	5	7
67.5°	3	4	3	2	3	5	7	6	5	5	6
65°	8	8	7	6	5	5	7	9	8	7	6
62.5°	12	12	11	10	9	8	7	10	11	9	8
60°	16	16	16	14	13	11	10	11	12	12	10
57.5°	22	21	21	19	17	15	14	14	14	14	12
55°	38	27	27	25	21	18	18	17	16	16	14
52.5°	97	54	35	32	28	23	21	20	19	18	16
50°	180	116	66	41	35	30	25	24	22	21	18
47.5°	288	200	130	65	46	38	31	27	25	23	20
45°	443	295	204	129	61	52	39	30	28	26	22
42.5°	617	433	287	195	116	72	46	37	31	28	24
40°	787	598	385	269	175	96	66	44	34	31	27
37.5°	975	773	540	348	235	147	91	51	39	34	29
35°	1208	967	694	464	311	194	118	65	47	37	32
32.5°	1441	1161	861	598	391	237	154	93	58	40	34
30°	1675	1338	1019	723	482	307	192	119	70	44	37
27.5°	1886	1505	1166	853	590	380	233	146	83	50	40
25°	2124	1686	1311	977	688	457	274	171	102	60	42
22.5°	2430	1872	1445	1090	785	530	327	205	123	70	45
20°	2734	2054	1577	1231	891	612	388	238	143	82	48
17.5°	3033	2287	1768	1375	1004	689	445	271	162	93	51
15°	3301	2553	1957	1511	1115	760	498	303	180	104	54
12.5°	3526	2783	2134	1639	1222	826	546	334	196	117	59
10°	3712	2978	2298	1757	1323	884	590	365	215	130	64
7.5°	3861	3138	2448	1864	1414	939	637	397	234	143	69
5°	3972	3264	2563	1941	1487	989	680	427	251	155	75
2.5°	4045	3356	2649	2001	1546	1031	718	454	267	166	79
0°	4088	3422	2713	2047	1592	1066	750	477	280	175	84
-2.5°	4126	3465	2770	2128	1623	1122	771	498	303	182	93
-5°	4139	3484	2807	2190	1641	1168	785	515	322	188	100
-7.5°	4117	3472	2820	2226	1650	1200	794	528	338	192	107
-10°	4070	3435	2803	2215	1662	1210	799	538	349	195	113
-12.5°	4000	3378	2766	2191	1660	1203	812	546	355	198	117
-15°	3907	3304	2710	2157	1640	1189	815	548	355	202	120
-17.5°	3799	3214	2634	2112	1601	1167	808	545	351	208	122
-20°	3690	3114	2545	2060	1543	1139	789	535	345	212	125

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CATALOG NUMBER: GFLD-SA6C-730-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°	3563	2999	2467	1987	1479	1105	758	518	335	213	126
-25°	3417	2865	2374	1887	1429	1066	727	494	324	213	126
-27.5°	3252	2721	2265	1777	1377	1012	696	476	313	210	124
-30°	3067	2587	2134	1671	1314	954	657	456	309	206	120
-32.5°	2868	2435	1993	1591	1241	894	622	434	301	201	120
-35°	2682	2269	1849	1498	1165	858	599	409	290	194	121
-37.5°	2482	2096	1735	1401	1084	817	580	397	276	185	121
-40°	2290	1932	1604	1309	1024	770	551	385	263	174	119
-42.5°	2096	1777	1478	1208	968	725	513	366	252	168	116
-45°	1917	1617	1344	1120	906	668	484	342	238	163	114
-47.5°	1728	1455	1221	1025	824	606	446	323	222	157	112
-50°	1534	1301	1107	919	723	554	407	300	217	153	109
-52.5°	1364	1166	989	811	648	493	377	276	209	149	106
-55°	1218	1037	874	722	576	448	343	265	199	144	101
-57.5°	1089	918	779	643	516	405	319	251	189	137	97
-60°	963	823	693	571	460	368	300	235	178	129	92
-62.5°	847	723	611	500	409	338	279	217	164	118	86
-65°	725	620	524	438	364	302	251	196	145	105	77
-67.5°	598	521	446	374	314	262	219	169	124	90	68
-70°	498	430	367	311	261	219	179	136	100	77	58
-72.5°	396	341	289	244	209	173	137	104	83	64	47
-75°	293	256	222	191	159	128	104	83	65	50	40
-77.5°	213	186	161	141	120	99	79	61	49	41	34
-80°	145	130	117	103	85	69	57	47	40	33	27
-82.5°	91	84	77	70	60	50	42	35	30	25	22
-85°	54	50	46	42	36	31	29	27	25	22	20
-87.5°	31	30	30	29	28	26	25	24	22	20	18
-90°	0	0	0	0	0	0	0	0	2	3	5

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CATALOG NUMBER: GFLD-SA6C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	14	12	11	9	7	7	7
87.5°	5	6	6	7	7	7	7
85°	3	5	6	7	7	7	7
82.5°	2	4	5	6	7	7	7
80°	0	3	5	6	7	7	7
77.5°	2	2	4	6	7	7	7
75°	4	3	4	6	7	7	7
72.5°	6	5	4	6	7	7	7
70°	7	6	5	6	7	7	7
67.5°	7	7	6	6	7	7	7
65°	7	7	6	6	7	7	7
62.5°	8	8	7	6	7	7	7
60°	8	8	7	6	7	7	7
57.5°	10	9	8	7	7	7	7
55°	12	10	8	7	7	7	7
52.5°	13	11	9	7	7	7	7
50°	15	12	10	7	7	7	7
47.5°	17	14	11	7	8	7	7
45°	19	15	12	8	8	7	7
42.5°	20	16	12	8	8	7	7
40°	22	18	13	9	8	7	7
37.5°	23	19	14	10	9	7	7
35°	25	20	15	11	9	7	7
32.5°	26	21	16	12	9	7	7
30°	28	22	17	13	10	7	7
27.5°	30	23	18	14	10	7	7
25°	33	24	19	15	10	7	7
22.5°	35	26	20	15	11	7	7
20°	37	27	21	16	11	7	7
17.5°	39	28	22	17	11	7	7
15°	41	29	23	18	12	7	7
12.5°	42	30	24	18	12	7	7
10°	44	31	25	19	13	7	7
7.5°	46	32	26	19	13	7	7
5°	47	33	27	20	13	7	7
2.5°	48	34	27	21	14	7	7
0°	49	35	28	21	14	7	7
-2.5°	52	36	29	21	14	7	7
-5°	54	37	29	21	14	7	7
-7.5°	56	37	30	21	14	7	7
-10°	58	38	30	21	14	7	7
-12.5°	60	38	30	20	14	7	7
-15°	61	38	30	20	14	7	7
-17.5°	61	39	30	20	13	7	7
-20°	62	39	30	20	13	7	7

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CATALOG NUMBER: GFLD-SA6C-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	66	39	30	19	13	7	7
-25°	70	42	29	19	13	7	7
-27.5°	72	45	28	19	12	7	7
-30°	74	48	28	18	12	7	7
-32.5°	75	50	29	18	12	7	7
-35°	77	52	29	17	11	7	7
-37.5°	79	53	30	17	11	7	7
-40°	80	54	30	16	11	7	7
-42.5°	81	54	30	16	10	7	7
-45°	80	53	31	16	10	7	7
-47.5°	79	52	30	16	9	7	7
-50°	77	51	30	16	9	7	7
-52.5°	75	50	29	15	9	7	7
-55°	73	47	28	15	8	7	7
-57.5°	69	45	26	14	8	7	7
-60°	65	42	24	14	7	7	7
-62.5°	60	38	23	13	7	7	7
-65°	54	34	21	12	7	7	7
-67.5°	48	31	20	11	7	7	7
-70°	41	28	18	10	7	7	7
-72.5°	36	25	16	10	7	7	7
-75°	31	22	14	10	7	7	7
-77.5°	26	18	13	10	7	7	7
-80°	21	17	13	10	7	7	7
-82.5°	19	16	12	9	7	7	7
-85°	18	14	12	9	7	7	7
-87.5°	16	13	11	9	7	7	7
-90°	7	7	7	7	7	7	7

(END OF REPORT)