

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: P627796 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627796 (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-SA6B-727-U-MWR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

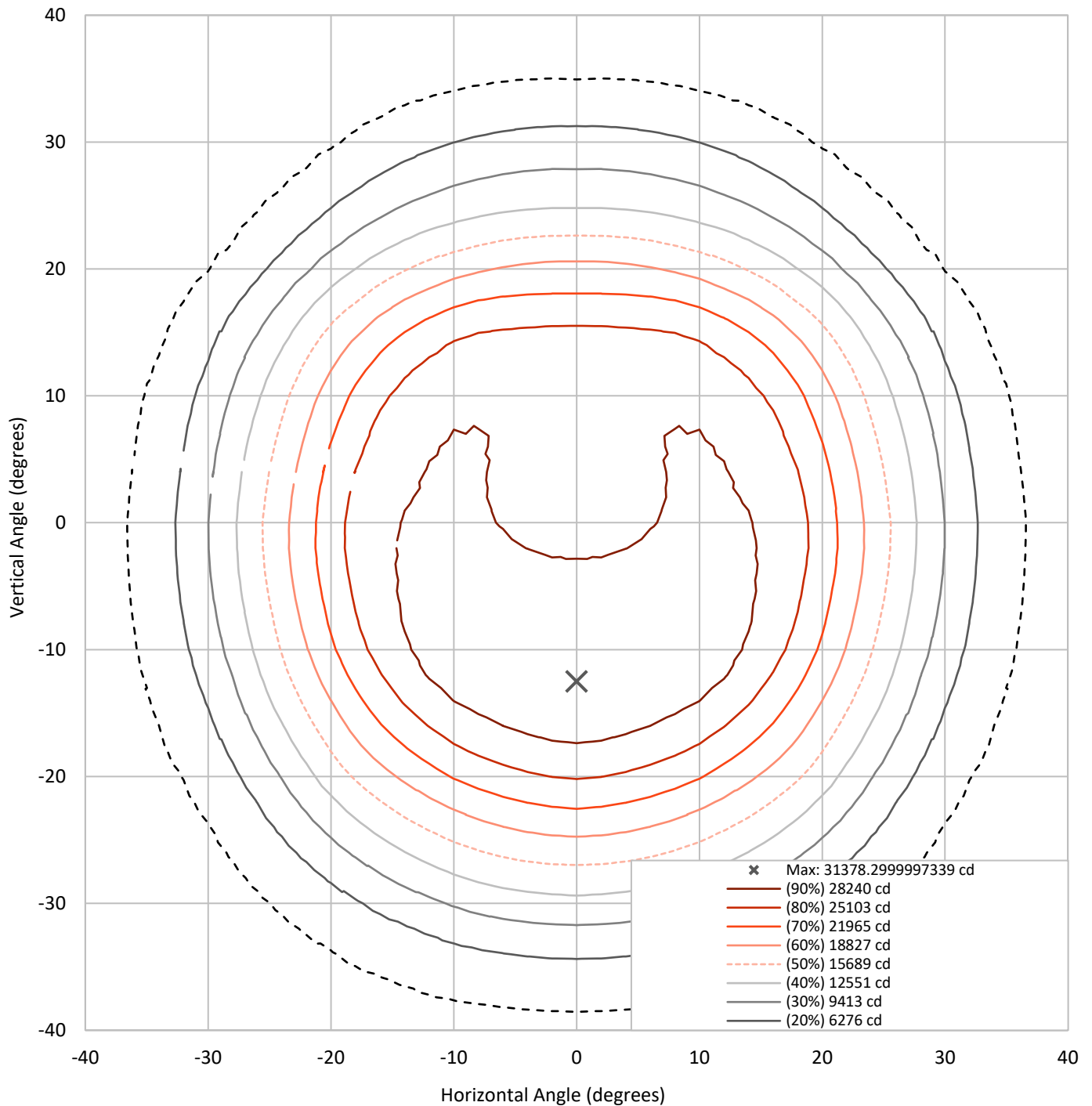
Lumens per Lamp:	N/A	NEMA Type:	4H x 5V
Luminaire Lumens:	22397.2 lumens	Max Intensity:	31378.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -12.5°V
Efficacy:	117.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	46.4°H x 49.6°V	Field Angle (10%):	69.9°H x 73.3°V
Beam Lumens:	15001.6 lumens	Field Lumens:	20187.7 lumens
Beam Efficiency:	67.0%	Field Efficiency:	90.1%
Input Watts (W):	190.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





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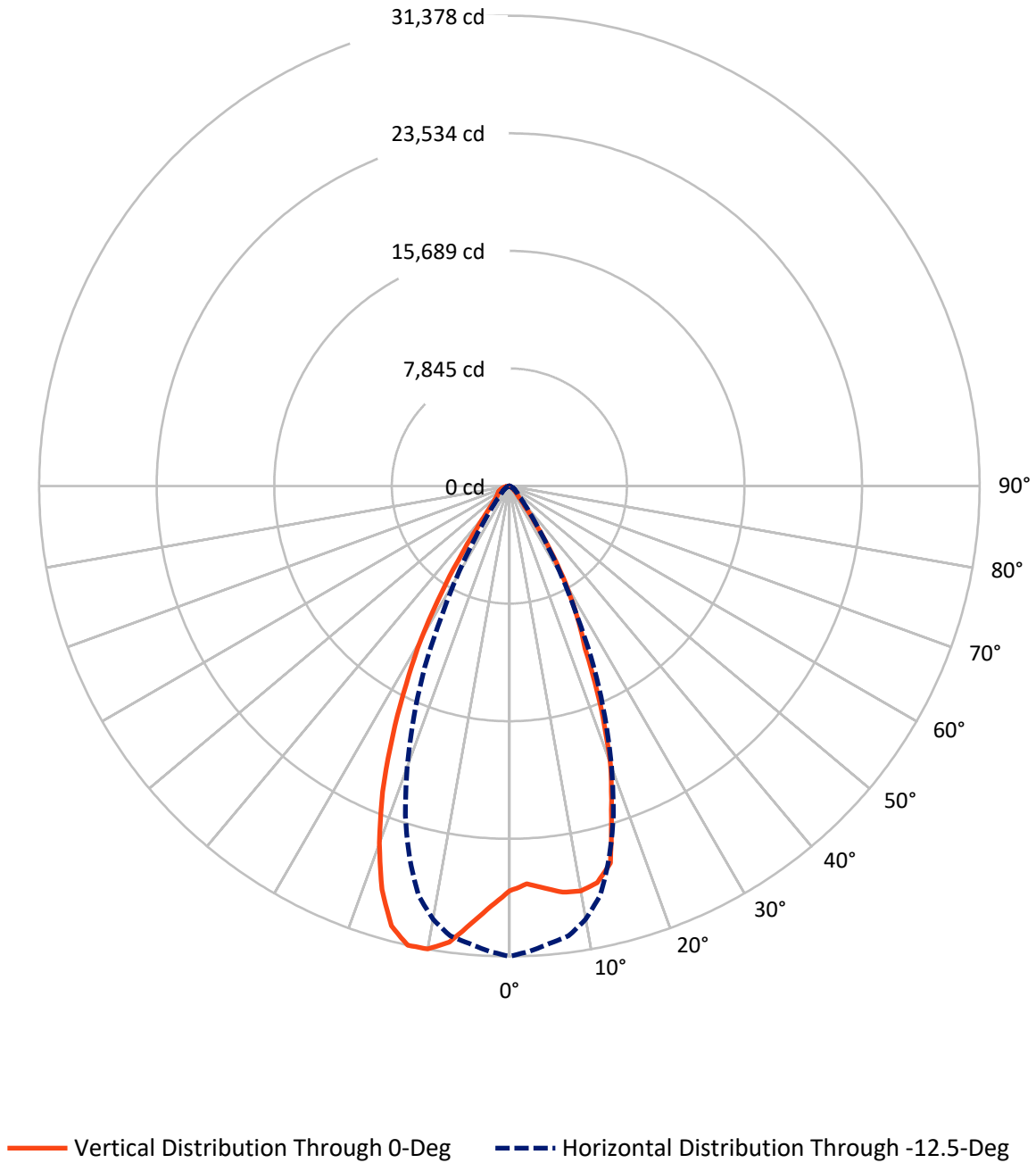
CATALOG NUMBER: GFLD-SA6B-727-U-MWR-VSR-XX

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	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0									
50		0.1	0.1	0.7	1.8	3.1	4.3	5.0	5.0	4.3	3.1	1.8	0.7	0.1		0.1								
40	0.1	0.1	0.9	3.2	6.3	10.3	15.4	18.8	18.8	15.4	10.3	6.3	3.2	0.9	0.1	0.1								
30		0.4	2.5	6.5	13.4	29.1	66.1	101.0	101.0	66.1	29.1	13.4	6.5	2.5	0.4									
20	0.2	0.9	4.2	10.5	28.1	104.1	268.1	374.7	374.7	268.1	104.1	28.1	10.5	4.2	0.9	0.2								
10		1.5	5.8	16.2	66.9	289.1	603.2	746.8	746.8	603.2	289.1	66.9	16.2	5.8	1.5									
0	0.5	2.0	7.2	20.9	106.5	425.8	777.7	843.1	843.1	777.7	425.8	106.5	20.9	7.2	2.0	0.5								
-10		2.3	8.0	22.3	111.4	439.7	805.7	894.8	894.8	805.7	439.7	111.4	22.3	8.0	2.3									
-20	0.6	2.5	8.1	20.3	79.7	327.4	679.7	867.9	867.9	679.7	327.4	79.7	20.3	8.1	2.5	0.6								
-30		2.4	7.7	16.9	44.6	158.8	378.7	532.9	532.9	378.7	158.8	44.6	16.9	7.7	2.4									
-40	0.6	2.1	6.9	14.0	26.6	56.6	118.3	175.6	175.6	118.3	56.6	26.6	14.0	6.9	2.1	0.6								
-50		1.8	5.8	11.7	19.4	28.7	40.4	47.9	47.9	40.4	28.7	19.4	11.7	5.8	1.8									
-60	0.4	1.3	4.3	9.2	15.3	21.1	26.4	28.9	28.9	26.4	21.1	15.3	9.2	4.3	1.3	0.4								
-70		0.9	2.8	6.3	10.7	15.1	19.2	21.4	21.4	19.2	15.1	10.7	6.3	2.8	0.9									
-80	0.2	2.5	11.3	24.0	30.8	24.0	11.3	2.5	0.2															
-90																								
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90					

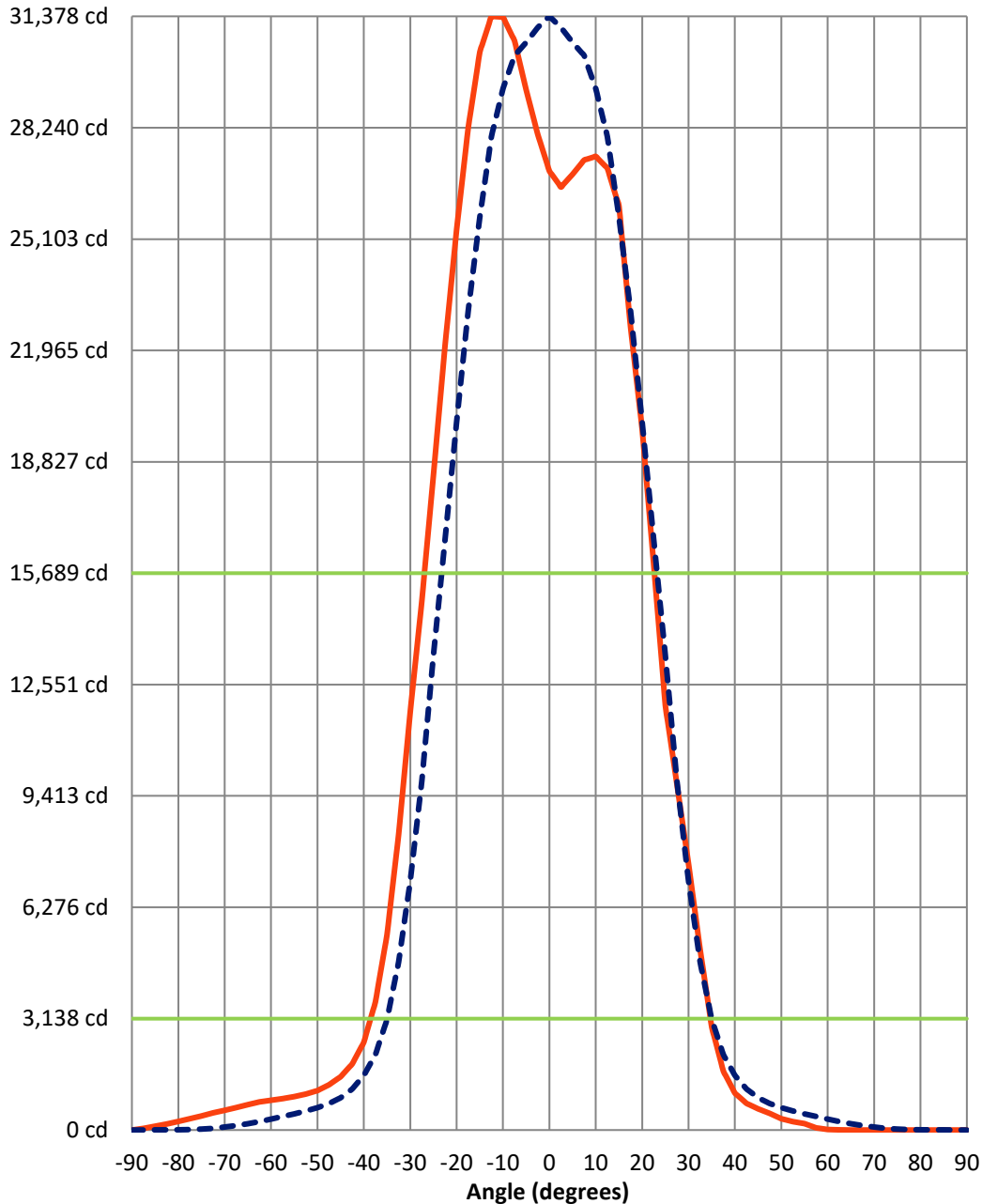
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 15001.6
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 20187.7
 Efficiency: 90.1%

Spill:
 Lumens: 2209.6
 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	0	0	0	0	0	0
72.5°	0	0	0	0	1	1	0	0	0	0	0
70°	0	0	0	0	1	1	0	0	0	0	0
67.5°	0	0	0	1	2	2	1	0	0	1	1
65°	0	0	0	1	2	2	1	0	1	2	2
62.5°	0	0	0	2	3	2	1	1	2	3	3
60°	0	0	0	2	3	2	1	2	4	4	5
57.5°	0	0	0	3	3	2	2	4	4	5	5
55°	0	0	1	3	3	2	3	5	5	5	5
52.5°	0	0	1	4	4	3	4	5	5	5	5
50°	0	0	1	4	4	3	5	5	5	5	6
47.5°	0	0	2	5	4	4	5	6	5	5	7
45°	0	0	2	5	4	4	6	6	5	6	8
42.5°	0	0	2	5	4	5	6	7	6	8	10
40°	0	0	3	5	4	5	7	7	7	9	12
37.5°	0	0	3	5	5	5	7	7	8	12	14
35°	0	0	3	5	5	5	8	8	10	15	19
32.5°	0	0	3	5	5	6	9	8	12	18	31
30°	0	0	4	5	5	7	9	9	14	23	41
27.5°	0	0	4	5	5	7	9	10	17	27	51
25°	0	0	4	5	5	8	10	12	21	35	60
22.5°	0	0	4	5	5	8	10	14	25	42	70
20°	0	0	4	5	5	9	10	15	29	49	81
17.5°	0	0	5	5	5	9	11	17	34	55	93
15°	0	0	5	5	5	9	11	19	38	61	104
12.5°	0	0	5	5	5	10	12	23	42	66	115
10°	0	0	5	5	5	10	12	27	46	74	125
7.5°	0	0	5	5	5	10	13	30	49	83	133
5°	0	0	5	5	5	10	14	34	52	92	140
2.5°	0	0	5	5	5	10	15	38	55	100	145
0°	0	0	5	5	5	10	15	41	57	108	149
-2.5°	0	0	5	5	6	11	18	43	64	113	157
-5°	0	0	5	5	6	11	21	44	71	117	164
-7.5°	0	0	5	5	6	12	23	45	77	121	170
-10°	0	0	5	5	7	12	25	45	82	124	174
-12.5°	0	1	5	5	7	12	27	46	85	126	178
-15°	0	1	5	5	7	13	28	47	86	128	179
-17.5°	0	1	5	5	8	13	29	48	86	128	179
-20°	0	1	5	5	8	13	29	50	85	127	177

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REPORT NUMBER: P627796 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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	1	5	5	8	13	29	51	83	126	173
-25°	0	1	5	5	8	14	29	52	82	123	166
-27.5°	0	1	4	5	8	15	29	52	80	119	162
-30°	0	1	4	5	8	16	29	51	79	116	157
-32.5°	0	1	4	5	8	16	28	50	78	113	151
-35°	0	1	4	5	8	17	28	49	75	109	144
-37.5°	0	1	4	5	8	17	28	47	72	105	141
-40°	0	1	4	5	8	17	28	45	68	101	139
-42.5°	0	1	4	5	9	17	28	43	64	96	134
-45°	0	1	4	5	9	17	27	41	62	90	128
-47.5°	0	1	4	6	9	17	26	40	59	83	120
-50°	0	1	4	6	9	16	26	39	56	80	111
-52.5°	0	1	4	6	9	16	25	37	53	75	101
-55°	0	1	4	6	9	15	24	34	51	71	95
-57.5°	0	1	4	6	9	15	23	33	48	66	88
-60°	0	1	4	6	9	14	21	31	44	61	81
-62.5°	0	1	4	6	9	13	20	29	41	56	75
-65°	0	1	4	6	9	12	19	27	37	51	67
-67.5°	0	1	4	6	8	12	17	24	33	45	60
-70°	0	1	3	6	8	11	15	21	29	39	51
-72.5°	0	1	3	6	8	10	14	18	25	33	43
-75°	0	1	3	5	8	10	13	16	20	27	35
-77.5°	0	1	2	4	7	9	12	14	18	22	27
-80°	0	0	2	3	5	8	10	13	15	19	22
-82.5°	0	0	1	2	4	6	8	10	13	15	18
-85°	0	0	1	2	3	4	5	7	9	11	13
-87.5°	0	0	0	1	1	2	3	3	4	5	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627796 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-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	0	0	0	0	0	0	0	0	0
67.5°	0	1	2	1	0	0	0	0	0	0	0
65°	2	3	3	1	0	1	2	1	0	0	0
62.5°	5	4	3	2	3	4	3	2	0	1	2
60°	5	4	4	4	5	5	3	4	4	5	12
57.5°	5	5	5	6	6	5	6	7	18	31	34
55°	5	5	6	7	8	9	14	29	43	53	57
52.5°	6	6	8	10	12	19	35	52	66	77	91
50°	7	8	11	14	23	40	60	79	96	113	132
47.5°	9	11	15	23	42	64	88	112	133	156	184
45°	11	17	22	40	64	92	122	148	170	197	222
42.5°	13	25	38	57	90	124	158	180	204	233	266
40°	21	35	54	83	119	160	189	213	238	279	319
37.5°	32	49	72	109	153	192	221	249	287	334	382
35°	43	63	96	138	186	222	254	290	341	395	452
32.5°	55	76	119	167	212	251	287	340	394	453	532
30°	66	96	142	194	237	278	328	387	440	513	605
27.5°	78	115	166	217	260	303	369	426	487	570	681
25°	92	137	188	237	282	336	409	469	532	638	787
22.5°	108	156	209	256	303	371	449	524	607	712	896
20°	125	175	229	279	324	405	492	585	696	843	1084
17.5°	140	192	247	302	358	441	538	648	786	970	1323
15°	155	207	266	325	391	478	585	719	887	1115	1555
12.5°	168	221	283	347	419	512	626	772	970	1298	1851
10°	179	233	300	369	445	541	662	816	1038	1429	2072
7.5°	189	246	316	389	467	567	692	853	1098	1532	2245
5°	198	261	329	404	483	588	717	881	1148	1608	2378
2.5°	205	275	341	417	495	605	737	907	1197	1670	2490
0°	211	288	350	427	504	617	751	926	1235	1713	2578
-2.5°	218	295	362	435	519	626	758	940	1247	1719	2560
-5°	224	299	372	441	530	632	760	945	1245	1706	2507
-7.5°	229	302	379	446	536	634	761	942	1232	1677	2422
-10°	233	305	382	452	538	634	757	930	1203	1622	2293
-12.5°	238	308	383	454	537	630	747	910	1157	1539	2127
-15°	241	310	382	454	535	623	731	881	1096	1428	1921
-17.5°	243	311	380	450	530	613	709	846	1039	1331	1774
-20°	242	310	378	443	524	603	694	819	991	1238	1596

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CATALOG NUMBER: GFLD-SA6B-727-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°	240	307	375	436	514	592	677	786	931	1134	1422
-25°	235	304	370	432	503	579	655	751	877	1056	1296
-27.5°	227	297	363	426	490	564	636	723	833	971	1163
-30°	216	289	353	416	480	549	618	691	788	908	1062
-32.5°	204	279	342	404	467	533	598	666	749	849	969
-35°	197	267	330	389	452	515	578	641	709	798	901
-37.5°	192	254	319	374	433	495	555	616	679	749	842
-40°	186	241	305	361	414	474	533	590	648	718	790
-42.5°	178	232	291	347	398	453	509	564	622	686	754
-45°	170	221	277	329	381	432	486	537	594	655	718
-47.5°	161	208	262	308	359	411	462	513	564	620	681
-50°	149	194	243	288	333	384	436	487	537	585	637
-52.5°	137	177	223	268	309	352	405	457	506	554	601
-55°	124	162	203	247	288	326	371	424	473	520	568
-57.5°	114	145	184	225	265	305	347	391	439	485	531
-60°	105	130	163	201	242	280	321	363	406	450	491
-62.5°	95	117	144	175	213	252	290	329	371	408	445
-65°	86	104	126	153	182	218	254	292	329	362	394
-67.5°	76	92	110	130	156	185	215	248	283	315	346
-70°	65	79	95	112	131	155	182	209	237	265	295
-72.5°	54	67	80	94	111	131	152	174	198	223	248
-75°	44	54	66	78	92	108	126	145	164	184	204
-77.5°	35	44	53	62	73	85	99	114	130	146	161
-80°	27	33	40	48	56	65	75	85	97	110	123
-82.5°	21	25	30	35	41	47	53	60	69	78	88
-85°	15	18	21	24	27	30	34	38	44	50	56
-87.5°	8	9	10	12	13	15	16	18	21	24	26
-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°	1	2	2	2	1	1	3	3	4	4	4
60°	14	10	13	17	16	12	18	21	19	16	16
57.5°	36	39	45	52	58	61	66	71	75	77	79
55°	66	79	93	100	111	127	142	143	146	150	158
52.5°	106	121	128	141	162	176	183	195	208	220	231
50°	154	167	182	202	223	236	241	262	288	309	321
47.5°	202	219	247	282	300	315	337	364	392	423	446
45°	247	278	314	345	369	395	424	458	502	544	576
42.5°	298	333	369	405	431	476	526	566	630	686	721
40°	357	392	444	488	542	598	685	765	846	940	1008
37.5°	429	483	556	627	707	790	945	1104	1234	1416	1517
35°	514	598	702	807	936	1135	1362	1669	1987	2253	2509
32.5°	614	721	863	1053	1269	1588	1929	2494	3044	3595	4135
30°	711	866	1085	1345	1700	2206	2848	3721	4667	5495	6245
27.5°	841	1062	1345	1734	2338	3079	4264	5477	6682	7757	8530
25°	998	1294	1695	2339	3211	4440	6028	7515	8929	9983	10871
22.5°	1225	1668	2238	3057	4640	6349	8250	10121	11709	13038	13913
20°	1506	2105	3059	4543	6405	8542	10989	12956	14912	16407	17743
17.5°	1904	2858	4205	6090	8314	11165	13684	15878	18362	19890	21252
15°	2261	3488	5408	7812	10419	13441	16412	19099	21496	23175	24698
12.5°	2713	4157	6364	9193	12044	15408	18496	21374	23722	25450	26515
10°	3119	4844	7320	10278	13470	16984	20185	23180	25454	26790	27574
7.5°	3446	5414	8094	11207	14577	18114	21495	24468	26644	27761	28296
5°	3699	5837	8700	11969	15469	19088	22539	25448	27281	28205	28504
2.5°	3889	6131	9108	12470	16071	19807	23330	26198	27761	28428	28527
0°	4018	6338	9374	12785	16587	20065	23759	26671	28158	28693	28744
-2.5°	3988	6264	9362	12671	16527	20181	23827	26701	28292	29011	29128
-5°	3907	6087	9052	12347	16057	19716	23194	26228	28181	29267	29748
-7.5°	3750	5783	8521	11727	15296	18958	22504	25653	27900	29427	30368
-10°	3483	5338	7841	10943	14460	17950	21456	24723	27143	28982	30293
-12.5°	3119	4734	7013	9833	13369	16627	19946	23077	25718	27986	29340
-15°	2744	4105	6153	8733	11811	15019	18086	21158	23765	25886	27575
-17.5°	2476	3555	5156	7414	10117	13161	16153	18975	21327	23321	25093
-20°	2137	2939	4207	6105	8485	11145	14012	16523	18624	20493	22186



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CATALOG NUMBER: GFLD-SA6B-727-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°	1868	2517	3433	4728	6865	9212	11557	13869	15844	17509	18953
-25°	1623	2078	2794	3847	5238	7264	9240	11192	13016	14563	15864
-27.5°	1431	1793	2270	3020	4075	5258	6989	8621	10188	11603	12830
-30°	1256	1527	1901	2370	3087	3966	5007	6227	7477	8594	9709
-32.5°	1130	1324	1580	1928	2330	2959	3588	4409	5201	6015	6815
-35°	1018	1173	1348	1580	1856	2223	2638	3139	3563	4096	4587
-37.5°	940	1050	1183	1330	1527	1732	2013	2317	2580	2877	3127
-40°	876	962	1052	1152	1287	1425	1607	1778	1944	2125	2260
-42.5°	823	891	957	1033	1113	1224	1346	1453	1554	1660	1749
-45°	780	832	884	944	1004	1085	1171	1251	1317	1376	1424
-47.5°	735	781	827	873	925	983	1040	1091	1146	1192	1225
-50°	690	736	778	817	863	908	953	994	1033	1067	1088
-52.5°	647	694	735	772	810	847	884	921	955	985	1000
-55°	614	657	699	732	764	796	829	863	895	924	933
-57.5°	577	621	662	692	721	750	781	813	843	871	880
-60°	535	582	617	646	676	707	736	765	793	817	826
-62.5°	486	527	560	588	615	640	672	702	732	756	770
-65°	427	462	494	522	548	573	603	631	658	679	694
-67.5°	375	403	429	454	480	505	532	559	584	602	614
-70°	323	350	374	397	420	442	465	487	508	524	537
-72.5°	273	296	317	338	359	378	398	416	435	449	461
-75°	226	245	263	281	298	314	329	344	358	370	380
-77.5°	178	194	209	224	239	252	263	274	285	295	305
-80°	136	148	159	170	182	191	200	208	217	225	232
-82.5°	98	105	113	120	128	134	141	147	153	159	164
-85°	62	66	71	75	79	83	87	91	94	98	101
-87.5°	29	31	33	35	37	39	41	43	45	46	48
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627796 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-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°	5	5	5	5	5	5	5	4	4	4	3
60°	16	15	15	15	15	15	16	16	16	19	21
57.5°	77	72	67	62	67	72	77	79	77	75	71
55°	168	177	181	180	181	177	168	158	150	146	143
52.5°	239	243	242	237	242	243	239	231	220	208	195
50°	326	327	324	319	324	327	326	321	309	288	262
47.5°	459	466	469	468	469	466	459	446	423	392	364
45°	588	595	598	597	598	595	588	576	544	502	458
42.5°	740	751	755	751	755	751	740	721	686	630	566
40°	1048	1062	1055	1039	1055	1062	1048	1008	940	846	765
37.5°	1588	1640	1661	1662	1661	1640	1588	1517	1416	1234	1104
35°	2739	2923	3007	2902	3007	2923	2739	2509	2253	1987	1669
32.5°	4575	4900	5083	5083	5083	4900	4575	4135	3595	3044	2494
30°	6812	7219	7447	7496	7447	7219	6812	6245	5495	4667	3721
27.5°	9132	9552	9771	9739	9771	9552	9132	8530	7757	6682	5477
25°	11460	11778	11962	11967	11962	11778	11460	10871	9983	8929	7515
22.5°	14898	15568	15844	15918	15844	15568	14898	13913	13038	11709	10121
20°	18647	19297	19716	19741	19716	19297	18647	17743	16407	14912	12956
17.5°	22218	22541	22600	22627	22600	22541	22218	21252	19890	18362	15878
15°	25585	25698	25995	26033	25995	25698	25585	24698	23175	21496	19099
12.5°	27184	27287	27236	27098	27236	27287	27184	26515	25450	23722	21374
10°	28055	27909	27693	27432	27693	27909	28055	27574	26790	25454	23180
7.5°	28253	28091	27708	27329	27708	28091	28253	28296	27761	26644	24468
5°	28346	27871	27388	26928	27388	27871	28346	28504	28205	27281	25448
2.5°	28291	27726	27063	26568	27063	27726	28291	28527	28428	27761	26198
0°	28471	27900	27206	27021	27206	27900	28471	28744	28693	28158	26671
-2.5°	28974	28511	28149	28050	28149	28511	28974	29128	29011	28292	26701
-5°	29878	29776	29160	29305	29160	29776	29878	29748	29267	28181	26228
-7.5°	30752	30607	30346	30684	30346	30607	30752	30368	29427	27900	25653
-10°	30984	30936	31058	31358	31058	30936	30984	30293	28982	27143	24723
-12.5°	30272	30645	31063	31378	31063	30645	30272	29340	27986	25718	23077
-15°	28685	29448	30073	30370	30073	29448	28685	27575	25886	23765	21158
-17.5°	26347	27283	28024	28235	28024	27283	26347	25093	23321	21327	18975
-20°	23469	24420	25095	25364	25095	24420	23469	22186	20493	18624	16523

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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	20230	21159	21770	22092	21770	21159	20230	18953	17509	15844	13869
-25°	16942	17759	18301	18444	18301	17759	16942	15864	14563	13016	11192
-27.5°	13799	14455	14855	14899	14855	14455	13799	12830	11603	10188	8621
-30°	10636	11246	11593	11776	11593	11246	10636	9709	8594	7477	6227
-32.5°	7470	7954	8247	8324	8247	7954	7470	6815	6015	5201	4409
-35°	4980	5282	5467	5505	5467	5282	4980	4587	4096	3563	3139
-37.5°	3330	3477	3567	3612	3567	3477	3330	3127	2877	2580	2317
-40°	2359	2428	2467	2475	2467	2428	2359	2260	2125	1944	1778
-42.5°	1804	1840	1858	1862	1858	1840	1804	1749	1660	1554	1453
-45°	1458	1483	1497	1502	1497	1483	1458	1424	1376	1317	1251
-47.5°	1247	1263	1273	1276	1273	1263	1247	1225	1192	1146	1091
-50°	1100	1109	1113	1111	1113	1109	1100	1088	1067	1033	994
-52.5°	1008	1014	1016	1014	1016	1014	1008	1000	985	955	921
-55°	939	943	944	942	944	943	939	933	924	895	863
-57.5°	887	892	890	885	890	892	887	880	871	843	813
-60°	834	841	841	839	841	841	834	826	817	793	765
-62.5°	783	793	794	792	794	793	783	770	756	732	702
-65°	708	720	720	715	720	720	708	694	679	658	631
-67.5°	625	634	635	633	635	634	625	614	602	584	559
-70°	548	558	558	556	558	558	548	537	524	508	487
-72.5°	471	481	483	484	483	481	471	461	449	435	416
-75°	390	399	398	396	398	399	390	380	370	358	344
-77.5°	314	322	321	319	321	322	314	305	295	285	274
-80°	239	246	244	242	244	246	239	232	225	217	208
-82.5°	169	174	172	170	172	174	169	164	159	153	147
-85°	104	108	108	108	108	108	104	101	98	94	91
-87.5°	50	51	49	46	49	51	50	48	46	45	43
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627796 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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	0
65°	0	0	0	0	0	0	0	0	0	0	1
62.5°	3	1	1	2	2	2	1	2	1	0	2
60°	18	12	16	17	13	10	14	12	5	4	4
57.5°	66	61	58	52	45	39	36	34	31	18	7
55°	142	127	111	100	93	79	66	57	53	43	29
52.5°	183	176	162	141	128	121	106	91	77	66	52
50°	241	236	223	202	182	167	154	132	113	96	79
47.5°	337	315	300	282	247	219	202	184	156	133	112
45°	424	395	369	345	314	278	247	222	197	170	148
42.5°	526	476	431	405	369	333	298	266	233	204	180
40°	685	598	542	488	444	392	357	319	279	238	213
37.5°	945	790	707	627	556	483	429	382	334	287	249
35°	1362	1135	936	807	702	598	514	452	395	341	290
32.5°	1929	1588	1269	1053	863	721	614	532	453	394	340
30°	2848	2206	1700	1345	1085	866	711	605	513	440	387
27.5°	4264	3079	2338	1734	1345	1062	841	681	570	487	426
25°	6028	4440	3211	2339	1695	1294	998	787	638	532	469
22.5°	8250	6349	4640	3057	2238	1668	1225	896	712	607	524
20°	10989	8542	6405	4543	3059	2105	1506	1084	843	696	585
17.5°	13684	11165	8314	6090	4205	2858	1904	1323	970	786	648
15°	16412	13441	10419	7812	5408	3488	2261	1555	1115	887	719
12.5°	18496	15408	12044	9193	6364	4157	2713	1851	1298	970	772
10°	20185	16984	13470	10278	7320	4844	3119	2072	1429	1038	816
7.5°	21495	18114	14577	11207	8094	5414	3446	2245	1532	1098	853
5°	22539	19088	15469	11969	8700	5837	3699	2378	1608	1148	881
2.5°	23330	19807	16071	12470	9108	6131	3889	2490	1670	1197	907
0°	23759	20065	16587	12785	9374	6338	4018	2578	1713	1235	926
-2.5°	23827	20181	16527	12671	9362	6264	3988	2560	1719	1247	940
-5°	23194	19716	16057	12347	9052	6087	3907	2507	1706	1245	945
-7.5°	22504	18958	15296	11727	8521	5783	3750	2422	1677	1232	942
-10°	21456	17950	14460	10943	7841	5338	3483	2293	1622	1203	930
-12.5°	19946	16627	13369	9833	7013	4734	3119	2127	1539	1157	910
-15°	18086	15019	11811	8733	6153	4105	2744	1921	1428	1096	881
-17.5°	16153	13161	10117	7414	5156	3555	2476	1774	1331	1039	846
-20°	14012	11145	8485	6105	4207	2939	2137	1596	1238	991	819

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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11557	9212	6865	4728	3433	2517	1868	1422	1134	931	786
-25°	9240	7264	5238	3847	2794	2078	1623	1296	1056	877	751
-27.5°	6989	5258	4075	3020	2270	1793	1431	1163	971	833	723
-30°	5007	3966	3087	2370	1901	1527	1256	1062	908	788	691
-32.5°	3588	2959	2330	1928	1580	1324	1130	969	849	749	666
-35°	2638	2223	1856	1580	1348	1173	1018	901	798	709	641
-37.5°	2013	1732	1527	1330	1183	1050	940	842	749	679	616
-40°	1607	1425	1287	1152	1052	962	876	790	718	648	590
-42.5°	1346	1224	1113	1033	957	891	823	754	686	622	564
-45°	1171	1085	1004	944	884	832	780	718	655	594	537
-47.5°	1040	983	925	873	827	781	735	681	620	564	513
-50°	953	908	863	817	778	736	690	637	585	537	487
-52.5°	884	847	810	772	735	694	647	601	554	506	457
-55°	829	796	764	732	699	657	614	568	520	473	424
-57.5°	781	750	721	692	662	621	577	531	485	439	391
-60°	736	707	676	646	617	582	535	491	450	406	363
-62.5°	672	640	615	588	560	527	486	445	408	371	329
-65°	603	573	548	522	494	462	427	394	362	329	292
-67.5°	532	505	480	454	429	403	375	346	315	283	248
-70°	465	442	420	397	374	350	323	295	265	237	209
-72.5°	398	378	359	338	317	296	273	248	223	198	174
-75°	329	314	298	281	263	245	226	204	184	164	145
-77.5°	263	252	239	224	209	194	178	161	146	130	114
-80°	200	191	182	170	159	148	136	123	110	97	85
-82.5°	141	134	128	120	113	105	98	88	78	69	60
-85°	87	83	79	75	71	66	62	56	50	44	38
-87.5°	41	39	37	35	33	31	29	26	24	21	18
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627796 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-727-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	0	0	0	0	0	0	0	0
67.5°	0	0	0	1	2	1	0	1	1	0	0
65°	2	1	0	1	3	3	2	2	2	1	0
62.5°	3	4	3	2	3	4	5	3	3	2	1
60°	3	5	5	4	4	4	5	5	4	4	2
57.5°	6	5	6	6	5	5	5	5	5	4	4
55°	14	9	8	7	6	5	5	5	5	5	5
52.5°	35	19	12	10	8	6	6	5	5	5	5
50°	60	40	23	14	11	8	7	6	5	5	5
47.5°	88	64	42	23	15	11	9	7	5	5	6
45°	122	92	64	40	22	17	11	8	6	5	6
42.5°	158	124	90	57	38	25	13	10	8	6	7
40°	189	160	119	83	54	35	21	12	9	7	7
37.5°	221	192	153	109	72	49	32	14	12	8	7
35°	254	222	186	138	96	63	43	19	15	10	8
32.5°	287	251	212	167	119	76	55	31	18	12	8
30°	328	278	237	194	142	96	66	41	23	14	9
27.5°	369	303	260	217	166	115	78	51	27	17	10
25°	409	336	282	237	188	137	92	60	35	21	12
22.5°	449	371	303	256	209	156	108	70	42	25	14
20°	492	405	324	279	229	175	125	81	49	29	15
17.5°	538	441	358	302	247	192	140	93	55	34	17
15°	585	478	391	325	266	207	155	104	61	38	19
12.5°	626	512	419	347	283	221	168	115	66	42	23
10°	662	541	445	369	300	233	179	125	74	46	27
7.5°	692	567	467	389	316	246	189	133	83	49	30
5°	717	588	483	404	329	261	198	140	92	52	34
2.5°	737	605	495	417	341	275	205	145	100	55	38
0°	751	617	504	427	350	288	211	149	108	57	41
-2.5°	758	626	519	435	362	295	218	157	113	64	43
-5°	760	632	530	441	372	299	224	164	117	71	44
-7.5°	761	634	536	446	379	302	229	170	121	77	45
-10°	757	634	538	452	382	305	233	174	124	82	45
-12.5°	747	630	537	454	383	308	238	178	126	85	46
-15°	731	623	535	454	382	310	241	179	128	86	47
-17.5°	709	613	530	450	380	311	243	179	128	86	48
-20°	694	603	524	443	378	310	242	177	127	85	50

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

Scaled Data Report



REPORT NUMBER: P627796 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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°	677	592	514	436	375	307	240	173	126	83	51
-25°	655	579	503	432	370	304	235	166	123	82	52
-27.5°	636	564	490	426	363	297	227	162	119	80	52
-30°	618	549	480	416	353	289	216	157	116	79	51
-32.5°	598	533	467	404	342	279	204	151	113	78	50
-35°	578	515	452	389	330	267	197	144	109	75	49
-37.5°	555	495	433	374	319	254	192	141	105	72	47
-40°	533	474	414	361	305	241	186	139	101	68	45
-42.5°	509	453	398	347	291	232	178	134	96	64	43
-45°	486	432	381	329	277	221	170	128	90	62	41
-47.5°	462	411	359	308	262	208	161	120	83	59	40
-50°	436	384	333	288	243	194	149	111	80	56	39
-52.5°	405	352	309	268	223	177	137	101	75	53	37
-55°	371	326	288	247	203	162	124	95	71	51	34
-57.5°	347	305	265	225	184	145	114	88	66	48	33
-60°	321	280	242	201	163	130	105	81	61	44	31
-62.5°	290	252	213	175	144	117	95	75	56	41	29
-65°	254	218	182	153	126	104	86	67	51	37	27
-67.5°	215	185	156	130	110	92	76	60	45	33	24
-70°	182	155	131	112	95	79	65	51	39	29	21
-72.5°	152	131	111	94	80	67	54	43	33	25	18
-75°	126	108	92	78	66	54	44	35	27	20	16
-77.5°	99	85	73	62	53	44	35	27	22	18	14
-80°	75	65	56	48	40	33	27	22	19	15	13
-82.5°	53	47	41	35	30	25	21	18	15	13	10
-85°	34	30	27	24	21	18	15	13	11	9	7
-87.5°	16	15	13	12	10	9	8	7	5	4	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627796 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-727-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	0	0	0	0	0	0
72.5°	0	1	1	0	0	0	0
70°	0	1	1	0	0	0	0
67.5°	1	2	2	1	0	0	0
65°	1	2	2	1	0	0	0
62.5°	1	2	3	2	0	0	0
60°	1	2	3	2	0	0	0
57.5°	2	2	3	3	0	0	0
55°	3	2	3	3	1	0	0
52.5°	4	3	4	4	1	0	0
50°	5	3	4	4	1	0	0
47.5°	5	4	4	5	2	0	0
45°	6	4	4	5	2	0	0
42.5°	6	5	4	5	2	0	0
40°	7	5	4	5	3	0	0
37.5°	7	5	5	5	3	0	0
35°	8	5	5	5	3	0	0
32.5°	9	6	5	5	3	0	0
30°	9	7	5	5	4	0	0
27.5°	9	7	5	5	4	0	0
25°	10	8	5	5	4	0	0
22.5°	10	8	5	5	4	0	0
20°	10	9	5	5	4	0	0
17.5°	11	9	5	5	5	0	0
15°	11	9	5	5	5	0	0
12.5°	12	10	5	5	5	0	0
10°	12	10	5	5	5	0	0
7.5°	13	10	5	5	5	0	0
5°	14	10	5	5	5	0	0
2.5°	15	10	5	5	5	0	0
0°	15	10	5	5	5	0	0
-2.5°	18	11	6	5	5	0	0
-5°	21	11	6	5	5	0	0
-7.5°	23	12	6	5	5	0	0
-10°	25	12	7	5	5	0	0
-12.5°	27	12	7	5	5	1	0
-15°	28	13	7	5	5	1	0
-17.5°	29	13	8	5	5	1	0
-20°	29	13	8	5	5	1	0

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	29	13	8	5	5	1	0
-25°	29	14	8	5	5	1	0
-27.5°	29	15	8	5	4	1	0
-30°	29	16	8	5	4	1	0
-32.5°	28	16	8	5	4	1	0
-35°	28	17	8	5	4	1	0
-37.5°	28	17	8	5	4	1	0
-40°	28	17	8	5	4	1	0
-42.5°	28	17	9	5	4	1	0
-45°	27	17	9	5	4	1	0
-47.5°	26	17	9	6	4	1	0
-50°	26	16	9	6	4	1	0
-52.5°	25	16	9	6	4	1	0
-55°	24	15	9	6	4	1	0
-57.5°	23	15	9	6	4	1	0
-60°	21	14	9	6	4	1	0
-62.5°	20	13	9	6	4	1	0
-65°	19	12	9	6	4	1	0
-67.5°	17	12	8	6	4	1	0
-70°	15	11	8	6	3	1	0
-72.5°	14	10	8	6	3	1	0
-75°	13	10	8	5	3	1	0
-77.5°	12	9	7	4	2	1	0
-80°	10	8	5	3	2	0	0
-82.5°	8	6	4	2	1	0	0
-85°	5	4	3	2	1	0	0
-87.5°	3	2	1	1	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)