

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: P627096 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-735-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627096 (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-SA3B-735-U-MWR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (48) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

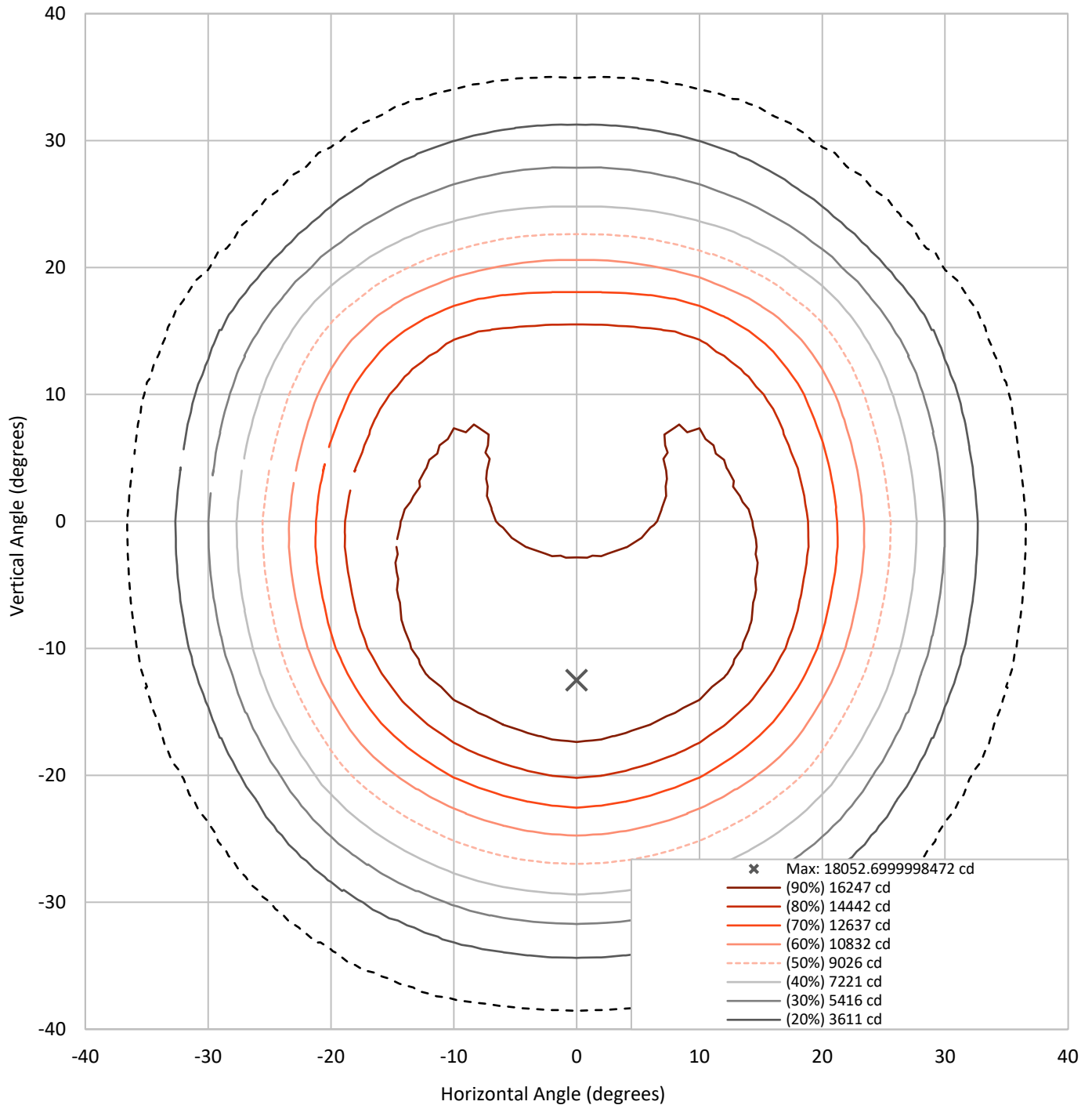
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 5V
Luminaire Lumens:	12885.7 lumens	Max Intensity:	18052.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -12.5°V
Efficacy:	137.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' 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:	8630.8 lumens	Field Lumens:	11614.5 lumens
Beam Efficiency:	67.0%	Field Efficiency:	90.1%
Input Watts (W):	93.7		
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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### Iso-Candela Plot





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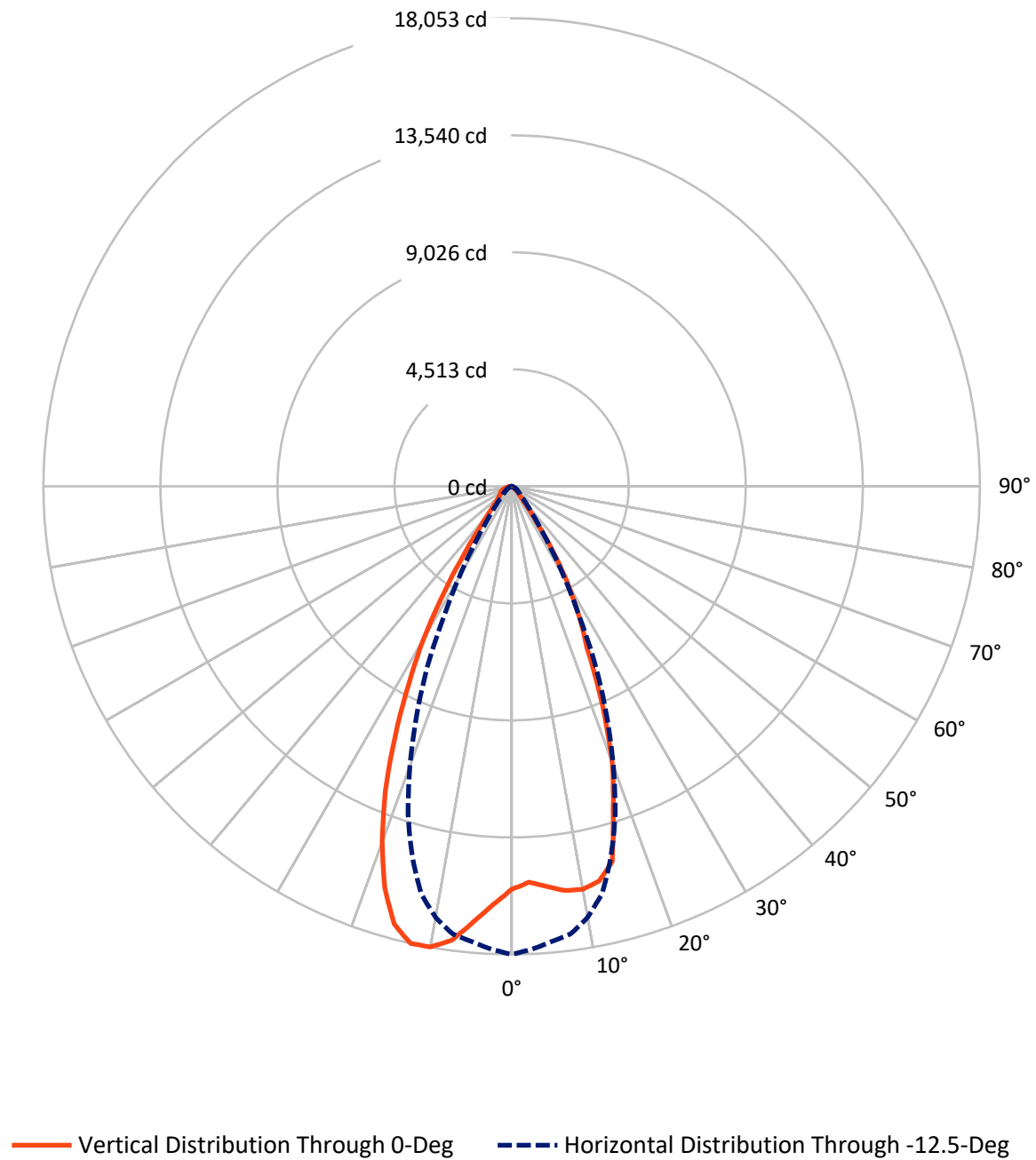
CATALOG NUMBER: GFLD-SA3B-735-U-MWR-VSR-XX

### 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				
70	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0				
60		0.0	0.1	0.4	1.0	1.8	2.5	2.9	2.9	2.5	1.8	1.0	0.4	0.1		0.0			
50	0.1	0.1	0.5	1.8	3.6	5.9	8.8	10.8	10.8	8.8	5.9	3.6	1.8	0.5	0.1	0.1			
40		0.2	1.4	3.7	7.7	16.7	38.0	58.1	58.1	38.0	16.7	7.7	3.7	1.4	0.2				
30	0.1	0.5	2.4	6.0	16.2	59.9	154.2	215.6	215.6	154.2	59.9	16.2	6.0	2.4	0.5	0.1			
20		0.9	3.4	9.3	38.5	166.3	347.0	429.7	429.7	347.0	166.3	38.5	9.3	3.4	0.9				
10	0.3	1.1	4.2	12.0	61.3	245.0	447.4	485.1	485.1	447.4	245.0	61.3	12.0	4.2	1.1	0.3			
0		1.3	4.6	12.8	64.1	253.0	463.5	514.8	514.8	463.5	253.0	64.1	12.8	4.6	1.3				
-10	0.4	1.4	4.7	11.7	45.9	188.4	391.0	499.3	499.3	391.0	188.4	45.9	11.7	4.7	1.4	0.4			
-20		1.4	4.4	9.7	25.6	91.4	217.9	306.6	306.6	217.9	91.4	25.6	9.7	4.4	1.4				
-30	0.3	1.2	4.0	8.1	15.3	32.5	68.1	101.0	101.0	68.1	32.5	15.3	8.1	4.0	1.2	0.3			
-40		1.0	3.3	6.7	11.2	16.5	23.2	27.5	27.5	23.2	16.5	11.2	6.7	3.3	1.0				
-50	0.2	0.8	2.5	5.3	8.8	12.2	15.2	16.6	16.6	15.2	12.2	8.8	5.3	2.5	0.8	0.2			
-60		0.5	1.6	3.6	6.2	8.7	11.0	12.3	12.3	11.0	8.7	6.2	3.6	1.6	0.5				
-70	0.1	1.4		6.5		13.8		17.7		13.8		6.5		1.4		0.1			
-80		1.4		6.5		13.8		17.7		13.8		6.5		1.4					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

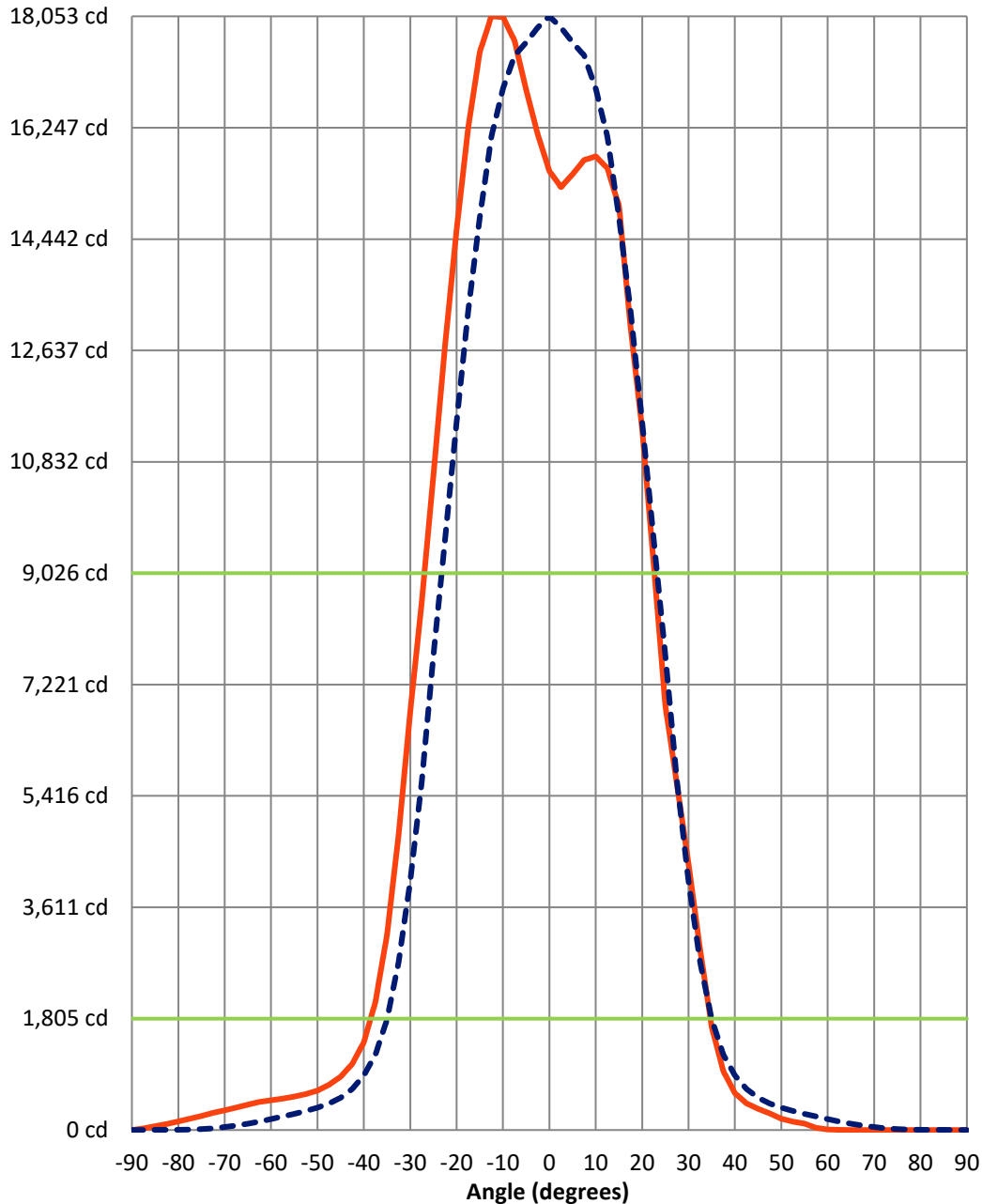
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 8630.8  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 11614.5  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 1271.2  
 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	0	0	0	0	0	0	0
70°	0	0	0	0	1	1	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	0	0
65°	0	0	0	1	1	1	0	0	1	1	1
62.5°	0	0	0	1	2	1	0	1	1	2	2
60°	0	0	0	1	2	1	1	1	2	2	3
57.5°	0	0	0	2	2	1	1	2	3	3	3
55°	0	0	0	2	2	1	2	3	3	3	3
52.5°	0	0	1	2	2	2	2	3	3	3	3
50°	0	0	1	3	2	2	3	3	3	3	3
47.5°	0	0	1	3	2	2	3	3	3	3	4
45°	0	0	1	3	2	2	3	4	3	4	5
42.5°	0	0	1	3	2	3	4	4	3	5	6
40°	0	0	2	3	3	3	4	4	4	5	7
37.5°	0	0	2	3	3	3	4	4	5	7	8
35°	0	0	2	3	3	3	5	4	6	8	11
32.5°	0	0	2	3	3	3	5	5	7	10	18
30°	0	0	2	3	3	4	5	5	8	13	24
27.5°	0	0	2	3	3	4	5	6	10	16	29
25°	0	0	2	3	3	4	5	7	12	20	34
22.5°	0	0	3	3	3	5	6	8	14	24	40
20°	0	0	3	3	3	5	6	9	17	28	47
17.5°	0	0	3	3	3	5	6	10	19	32	53
15°	0	0	3	3	3	5	6	11	22	35	60
12.5°	0	0	3	3	3	6	7	13	24	38	66
10°	0	0	3	3	3	6	7	15	27	43	72
7.5°	0	0	3	3	3	6	8	17	28	48	77
5°	0	0	3	3	3	6	8	20	30	53	81
2.5°	0	0	3	3	3	6	8	22	31	58	83
0°	0	0	3	3	3	6	9	24	33	62	86
-2.5°	0	0	3	3	3	6	10	25	37	65	90
-5°	0	0	3	3	4	7	12	25	41	67	94
-7.5°	0	0	3	3	4	7	13	26	44	69	98
-10°	0	0	3	3	4	7	14	26	47	71	100
-12.5°	0	0	3	3	4	7	15	27	49	73	102
-15°	0	0	3	3	4	7	16	27	50	73	103
-17.5°	0	0	3	3	4	7	17	28	49	74	103
-20°	0	0	3	3	5	8	17	29	49	73	102

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CATALOG NUMBER: GFLD-SA3B-735-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	3	3	5	8	17	30	48	72	99
-25°	0	1	3	3	5	8	17	30	47	71	96
-27.5°	0	1	3	3	4	9	17	30	46	69	93
-30°	0	1	3	3	4	9	16	29	45	67	90
-32.5°	0	1	3	3	5	9	16	29	45	65	87
-35°	0	1	3	3	5	10	16	28	43	63	83
-37.5°	0	1	3	3	5	10	16	27	42	61	81
-40°	0	1	2	3	5	10	16	26	39	58	80
-42.5°	0	1	2	3	5	10	16	25	37	55	77
-45°	0	1	2	3	5	10	16	24	35	52	74
-47.5°	0	1	2	3	5	10	15	23	34	48	69
-50°	0	1	2	3	5	9	15	22	32	46	64
-52.5°	0	1	3	4	5	9	14	21	31	43	58
-55°	0	1	3	4	5	9	14	20	29	41	55
-57.5°	0	1	3	4	5	9	13	19	27	38	51
-60°	0	1	3	4	5	8	12	18	25	35	47
-62.5°	0	1	2	4	5	8	12	17	24	32	43
-65°	0	1	2	4	5	7	11	15	21	29	39
-67.5°	0	1	2	4	5	7	10	14	19	26	34
-70°	0	0	2	4	5	6	9	12	17	22	29
-72.5°	0	0	2	3	5	6	8	10	14	19	25
-75°	0	0	1	3	4	6	7	9	12	16	20
-77.5°	0	0	1	2	4	5	7	8	10	13	16
-80°	0	0	1	2	3	4	6	7	9	11	13
-82.5°	0	0	1	1	2	3	5	6	7	9	10
-85°	0	0	1	1	2	2	3	4	5	6	7
-87.5°	0	0	0	0	1	1	2	2	3	3	4
-90°	0	0	0	0	0	0	0	0	0	0	0



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**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	1	1	0	0	0	0	0	0	0
65°	1	2	1	1	0	1	1	1	0	0	0
62.5°	3	2	2	1	2	2	2	1	0	1	1
60°	3	3	2	2	3	3	2	2	2	3	7
57.5°	3	3	3	3	3	3	4	4	11	18	20
55°	3	3	3	4	4	5	8	16	25	31	33
52.5°	3	3	5	6	7	11	20	30	38	44	52
50°	4	5	6	8	13	23	34	45	55	65	76
47.5°	5	6	9	13	24	37	51	64	76	90	106
45°	6	10	13	23	37	53	70	85	98	113	128
42.5°	7	14	22	33	52	72	91	103	117	134	153
40°	12	20	31	48	68	92	109	122	137	161	184
37.5°	18	28	41	63	88	111	127	143	165	192	220
35°	25	36	55	79	107	128	146	167	196	227	260
32.5°	32	44	68	96	122	144	165	195	226	261	306
30°	38	55	82	112	136	160	189	222	253	295	348
27.5°	45	66	95	125	150	174	212	245	280	328	392
25°	53	79	108	136	162	193	235	270	306	367	453
22.5°	62	90	120	147	174	214	258	302	349	410	516
20°	72	101	132	160	186	233	283	336	400	485	624
17.5°	81	111	142	174	206	254	310	373	452	558	761
15°	89	119	153	187	225	275	337	414	510	641	895
12.5°	96	127	163	200	241	294	360	444	558	747	1065
10°	103	134	173	212	256	311	381	470	597	822	1192
7.5°	109	142	182	224	268	326	398	490	632	882	1291
5°	114	150	190	233	278	338	413	507	661	925	1368
2.5°	118	158	196	240	285	348	424	522	689	961	1433
0°	121	166	201	246	290	355	432	533	710	986	1483
-2.5°	126	170	208	250	298	360	436	541	717	989	1473
-5°	129	172	214	254	305	363	437	544	716	981	1442
-7.5°	132	174	218	257	308	365	438	542	709	965	1393
-10°	134	176	220	260	309	365	435	535	692	933	1319
-12.5°	137	177	220	262	309	363	430	523	666	885	1224
-15°	139	178	220	261	308	359	420	507	630	822	1105
-17.5°	140	179	219	259	305	353	408	487	598	766	1021
-20°	139	178	218	255	302	347	400	471	570	712	918

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CATALOG NUMBER: GFLD-SA3B-735-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°	138	177	216	251	296	341	390	452	536	652	818
-25°	135	175	213	249	289	333	377	432	505	608	746
-27.5°	131	171	209	245	282	325	366	416	479	559	669
-30°	124	166	203	240	276	316	355	398	453	522	611
-32.5°	118	161	197	232	269	307	344	383	431	488	558
-35°	113	153	190	224	260	296	332	369	408	459	518
-37.5°	110	146	183	215	249	285	320	354	390	431	485
-40°	107	139	175	208	238	273	306	339	373	413	454
-42.5°	102	133	167	200	229	261	293	324	358	395	434
-45°	98	127	159	189	219	249	280	309	342	377	413
-47.5°	92	120	151	177	207	236	266	295	324	357	392
-50°	86	112	140	166	192	221	251	280	309	336	367
-52.5°	79	102	129	154	178	203	233	263	291	319	346
-55°	71	93	117	142	166	187	214	244	272	299	327
-57.5°	65	84	106	129	153	175	199	225	253	279	306
-60°	60	75	94	116	139	161	185	209	234	259	283
-62.5°	55	67	83	101	123	145	167	189	213	235	256
-65°	49	60	73	88	105	125	146	168	189	208	227
-67.5°	43	53	63	75	90	106	123	143	163	181	199
-70°	37	46	54	64	75	89	105	120	136	153	170
-72.5°	31	38	46	54	64	75	88	100	114	128	143
-75°	25	31	38	45	53	62	72	83	94	106	117
-77.5°	20	25	30	36	42	49	57	66	75	84	93
-80°	16	19	23	28	32	38	43	49	56	63	71
-82.5°	12	15	17	20	23	27	31	35	40	45	51
-85°	9	10	12	14	15	17	20	22	25	29	32
-87.5°	4	5	6	7	8	9	9	10	12	14	15
-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	1	1	1	1	1	1	2	2	2	2
60°	8	6	8	10	9	7	11	12	11	9	9
57.5°	21	22	26	30	33	35	38	41	43	44	46
55°	38	46	54	57	64	73	82	83	84	86	91
52.5°	61	70	74	81	93	101	105	112	120	127	133
50°	88	96	105	116	128	136	139	151	166	177	185
47.5°	116	126	142	162	173	181	194	209	226	243	257
45°	142	160	181	198	212	227	244	263	289	313	331
42.5°	171	192	212	233	248	274	303	325	362	395	415
40°	206	226	256	281	312	344	394	440	487	541	580
37.5°	247	278	320	361	407	454	544	635	710	815	873
35°	296	344	404	465	539	653	783	960	1143	1296	1444
32.5°	353	415	497	606	730	914	1110	1435	1752	2068	2379
30°	409	498	624	774	978	1269	1638	2141	2685	3162	3593
27.5°	484	611	774	998	1345	1771	2453	3151	3844	4463	4907
25°	574	744	975	1345	1847	2554	3468	4324	5137	5743	6254
22.5°	705	960	1288	1759	2670	3653	4747	5823	6736	7501	8005
20°	867	1211	1760	2614	3685	4915	6322	7454	8580	9440	10208
17.5°	1095	1644	2419	3504	4783	6424	7873	9135	10564	11443	12227
15°	1301	2007	3111	4495	5994	7733	9442	10988	12367	13333	14210
12.5°	1561	2392	3662	5289	6929	8865	10642	12297	13648	14642	15255
10°	1794	2787	4211	5913	7750	9772	11613	13336	14645	15413	15864
7.5°	1982	3115	4657	6448	8387	10421	12367	14077	15329	15972	16280
5°	2128	3358	5006	6886	8900	10982	12967	14641	15695	16227	16399
2.5°	2238	3527	5240	7174	9246	11395	13423	15072	15972	16355	16412
0°	2312	3647	5393	7355	9543	11544	13669	15344	16200	16508	16537
-2.5°	2294	3604	5386	7290	9509	11611	13708	15362	16277	16691	16758
-5°	2248	3502	5208	7103	9238	11343	13344	15090	16213	16838	17115
-7.5°	2158	3327	4902	6747	8800	10907	12947	14759	16051	16930	17472
-10°	2004	3071	4511	6296	8319	10327	12344	14224	15616	16674	17428
-12.5°	1795	2724	4035	5657	7691	9566	11476	13277	14796	16101	16880
-15°	1579	2362	3540	5024	6795	8641	10405	12173	13673	14893	15865
-17.5°	1424	2045	2966	4265	5820	7572	9293	10917	12270	13417	14437
-20°	1230	1691	2420	3512	4881	6412	8061	9506	10715	11790	12764

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REPORT NUMBER: P627096 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	1075	1448	1975	2720	3950	5300	6649	7979	9116	10073	10904
-25°	934	1196	1608	2214	3013	4179	5316	6439	7488	8379	9127
-27.5°	823	1032	1306	1737	2344	3025	4021	4960	5862	6676	7381
-30°	723	879	1093	1363	1776	2282	2880	3583	4302	4944	5586
-32.5°	650	762	909	1109	1341	1702	2064	2537	2992	3461	3921
-35°	585	675	775	909	1068	1279	1518	1806	2050	2356	2639
-37.5°	541	604	681	765	879	996	1158	1333	1484	1655	1799
-40°	504	554	605	663	740	820	924	1023	1119	1223	1300
-42.5°	473	513	550	594	640	704	774	836	894	955	1006
-45°	449	478	509	543	578	624	674	719	757	792	819
-47.5°	423	449	476	502	532	566	598	628	659	686	705
-50°	397	423	447	470	496	523	548	572	594	614	626
-52.5°	372	399	423	444	466	487	509	530	549	567	575
-55°	353	378	402	421	439	458	477	497	515	532	537
-57.5°	332	358	381	398	415	432	449	467	485	501	506
-60°	308	335	355	371	389	407	423	440	456	470	475
-62.5°	279	303	322	338	354	369	387	404	421	435	443
-65°	245	266	284	300	315	330	347	363	378	390	399
-67.5°	216	232	247	261	276	291	306	321	336	346	354
-70°	186	201	215	229	242	254	267	280	292	302	309
-72.5°	157	170	182	194	206	218	229	240	250	258	265
-75°	130	141	151	162	172	181	189	198	206	213	219
-77.5°	102	111	120	129	138	145	151	158	164	170	175
-80°	78	85	91	98	104	110	115	120	125	129	134
-82.5°	56	61	65	69	73	77	81	85	88	91	94
-85°	36	38	41	43	45	48	50	52	54	56	58
-87.5°	17	18	19	20	21	23	24	25	26	27	28
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627096 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-735-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°	3	3	3	3	3	3	3	2	2	2	2
60°	9	9	9	9	9	9	9	9	9	11	12
57.5°	45	41	39	36	39	41	45	46	44	43	41
55°	97	102	104	104	104	102	97	91	86	84	83
52.5°	137	140	139	136	139	140	137	133	127	120	112
50°	188	188	186	184	186	188	188	185	177	166	151
47.5°	264	268	270	269	270	268	264	257	243	226	209
45°	338	342	344	343	344	342	338	331	313	289	263
42.5°	426	432	434	432	434	432	426	415	395	362	325
40°	603	611	607	598	607	611	603	580	541	487	440
37.5°	914	943	956	956	956	943	914	873	815	710	635
35°	1576	1682	1730	1669	1730	1682	1576	1444	1296	1143	960
32.5°	2632	2819	2924	2924	2924	2819	2632	2379	2068	1752	1435
30°	3919	4153	4285	4313	4285	4153	3919	3593	3162	2685	2141
27.5°	5254	5496	5622	5603	5622	5496	5254	4907	4463	3844	3151
25°	6593	6776	6882	6885	6882	6776	6593	6254	5743	5137	4324
22.5°	8571	8957	9116	9158	9116	8957	8571	8005	7501	6736	5823
20°	10728	11102	11343	11357	11343	11102	10728	10208	9440	8580	7454
17.5°	12783	12968	13002	13018	13002	12968	12783	12227	11443	10564	9135
15°	14720	14785	14956	14977	14956	14785	14720	14210	13333	12367	10988
12.5°	15640	15699	15670	15590	15670	15699	15640	15255	14642	13648	12297
10°	16141	16057	15932	15783	15932	16057	16141	15864	15413	14645	13336
7.5°	16254	16161	15941	15723	15941	16161	16254	16280	15972	15329	14077
5°	16308	16035	15757	15492	15757	16035	16308	16399	16227	15695	14641
2.5°	16277	15951	15570	15285	15570	15951	16277	16412	16355	15972	15072
0°	16380	16052	15652	15546	15652	16052	16380	16537	16508	16200	15344
-2.5°	16669	16403	16195	16138	16195	16403	16669	16758	16691	16277	15362
-5°	17190	17131	16777	16860	16777	17131	17190	17115	16838	16213	15090
-7.5°	17692	17609	17459	17653	17459	17609	17692	17472	16930	16051	14759
-10°	17826	17799	17869	18041	17869	17799	17826	17428	16674	15616	14224
-12.5°	17416	17631	17872	18053	17872	17631	17416	16880	16101	14796	13277
-15°	16503	16942	17302	17473	17302	16942	16503	15865	14893	13673	12173
-17.5°	15158	15696	16123	16244	16123	15696	15158	14437	13417	12270	10917
-20°	13502	14050	14438	14593	14438	14050	13502	12764	11790	10715	9506

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REPORT NUMBER: P627096 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	11639	12173	12525	12710	12525	12173	11639	10904	10073	9116	7979
-25°	9747	10217	10529	10611	10529	10217	9747	9127	8379	7488	6439
-27.5°	7939	8317	8547	8572	8547	8317	7939	7381	6676	5862	4960
-30°	6119	6470	6670	6775	6670	6470	6119	5586	4944	4302	3583
-32.5°	4298	4576	4745	4789	4745	4576	4298	3921	3461	2992	2537
-35°	2865	3039	3145	3167	3145	3039	2865	2639	2356	2050	1806
-37.5°	1916	2000	2052	2078	2052	2000	1916	1799	1655	1484	1333
-40°	1357	1397	1419	1424	1419	1397	1357	1300	1223	1119	1023
-42.5°	1038	1058	1069	1072	1069	1058	1038	1006	955	894	836
-45°	839	853	861	864	861	853	839	819	792	757	719
-47.5°	718	727	732	734	732	727	718	705	686	659	628
-50°	633	638	640	639	640	638	633	626	614	594	572
-52.5°	580	583	584	583	584	583	580	575	567	549	530
-55°	540	543	543	542	543	543	540	537	532	515	497
-57.5°	510	513	512	509	512	513	510	506	501	485	467
-60°	480	484	484	483	484	484	480	475	470	456	440
-62.5°	450	456	457	456	457	456	450	443	435	421	404
-65°	407	414	414	411	414	414	407	399	390	378	363
-67.5°	360	365	365	364	365	365	360	354	346	336	321
-70°	315	321	321	320	321	321	315	309	302	292	280
-72.5°	271	277	278	278	278	277	271	265	258	250	240
-75°	224	230	229	228	229	230	224	219	213	206	198
-77.5°	181	185	185	184	185	185	181	175	170	164	158
-80°	138	141	140	139	140	141	138	134	129	125	120
-82.5°	97	100	99	98	99	100	97	94	91	88	85
-85°	60	62	62	62	62	62	60	58	56	54	52
-87.5°	29	29	28	27	28	29	29	28	27	26	25
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627096 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-735-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°	1	1	1	1	1	1	1	1	1	0	1
60°	11	7	9	10	8	6	8	7	3	2	2
57.5°	38	35	33	30	26	22	21	20	18	11	4
55°	82	73	64	57	54	46	38	33	31	25	16
52.5°	105	101	93	81	74	70	61	52	44	38	30
50°	139	136	128	116	105	96	88	76	65	55	45
47.5°	194	181	173	162	142	126	116	106	90	76	64
45°	244	227	212	198	181	160	142	128	113	98	85
42.5°	303	274	248	233	212	192	171	153	134	117	103
40°	394	344	312	281	256	226	206	184	161	137	122
37.5°	544	454	407	361	320	278	247	220	192	165	143
35°	783	653	539	465	404	344	296	260	227	196	167
32.5°	1110	914	730	606	497	415	353	306	261	226	195
30°	1638	1269	978	774	624	498	409	348	295	253	222
27.5°	2453	1771	1345	998	774	611	484	392	328	280	245
25°	3468	2554	1847	1345	975	744	574	453	367	306	270
22.5°	4747	3653	2670	1759	1288	960	705	516	410	349	302
20°	6322	4915	3685	2614	1760	1211	867	624	485	400	336
17.5°	7873	6424	4783	3504	2419	1644	1095	761	558	452	373
15°	9442	7733	5994	4495	3111	2007	1301	895	641	510	414
12.5°	10642	8865	6929	5289	3662	2392	1561	1065	747	558	444
10°	11613	9772	7750	5913	4211	2787	1794	1192	822	597	470
7.5°	12367	10421	8387	6448	4657	3115	1982	1291	882	632	490
5°	12967	10982	8900	6886	5006	3358	2128	1368	925	661	507
2.5°	13423	11395	9246	7174	5240	3527	2238	1433	961	689	522
0°	13669	11544	9543	7355	5393	3647	2312	1483	986	710	533
-2.5°	13708	11611	9509	7290	5386	3604	2294	1473	989	717	541
-5°	13344	11343	9238	7103	5208	3502	2248	1442	981	716	544
-7.5°	12947	10907	8800	6747	4902	3327	2158	1393	965	709	542
-10°	12344	10327	8319	6296	4511	3071	2004	1319	933	692	535
-12.5°	11476	9566	7691	5657	4035	2724	1795	1224	885	666	523
-15°	10405	8641	6795	5024	3540	2362	1579	1105	822	630	507
-17.5°	9293	7572	5820	4265	2966	2045	1424	1021	766	598	487
-20°	8061	6412	4881	3512	2420	1691	1230	918	712	570	471

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CATALOG NUMBER: GFLD-SA3B-735-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°	6649	5300	3950	2720	1975	1448	1075	818	652	536	452
-25°	5316	4179	3013	2214	1608	1196	934	746	608	505	432
-27.5°	4021	3025	2344	1737	1306	1032	823	669	559	479	416
-30°	2880	2282	1776	1363	1093	879	723	611	522	453	398
-32.5°	2064	1702	1341	1109	909	762	650	558	488	431	383
-35°	1518	1279	1068	909	775	675	585	518	459	408	369
-37.5°	1158	996	879	765	681	604	541	485	431	390	354
-40°	924	820	740	663	605	554	504	454	413	373	339
-42.5°	774	704	640	594	550	513	473	434	395	358	324
-45°	674	624	578	543	509	478	449	413	377	342	309
-47.5°	598	566	532	502	476	449	423	392	357	324	295
-50°	548	523	496	470	447	423	397	367	336	309	280
-52.5°	509	487	466	444	423	399	372	346	319	291	263
-55°	477	458	439	421	402	378	353	327	299	272	244
-57.5°	449	432	415	398	381	358	332	306	279	253	225
-60°	423	407	389	371	355	335	308	283	259	234	209
-62.5°	387	369	354	338	322	303	279	256	235	213	189
-65°	347	330	315	300	284	266	245	227	208	189	168
-67.5°	306	291	276	261	247	232	216	199	181	163	143
-70°	267	254	242	229	215	201	186	170	153	136	120
-72.5°	229	218	206	194	182	170	157	143	128	114	100
-75°	189	181	172	162	151	141	130	117	106	94	83
-77.5°	151	145	138	129	120	111	102	93	84	75	66
-80°	115	110	104	98	91	85	78	71	63	56	49
-82.5°	81	77	73	69	65	61	56	51	45	40	35
-85°	50	48	45	43	41	38	36	32	29	25	22
-87.5°	24	23	21	20	19	18	17	15	14	12	10
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA3B-735-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	1	1	0	0	0	0	0
65°	1	1	0	1	1	2	1	1	1	1	0
62.5°	2	2	2	1	2	2	3	2	2	1	1
60°	2	3	3	2	2	3	3	3	2	2	1
57.5°	4	3	3	3	3	3	3	3	3	3	2
55°	8	5	4	4	3	3	3	3	3	3	3
52.5°	20	11	7	6	5	3	3	3	3	3	3
50°	34	23	13	8	6	5	4	3	3	3	3
47.5°	51	37	24	13	9	6	5	4	3	3	3
45°	70	53	37	23	13	10	6	5	4	3	4
42.5°	91	72	52	33	22	14	7	6	5	3	4
40°	109	92	68	48	31	20	12	7	5	4	4
37.5°	127	111	88	63	41	28	18	8	7	5	4
35°	146	128	107	79	55	36	25	11	8	6	4
32.5°	165	144	122	96	68	44	32	18	10	7	5
30°	189	160	136	112	82	55	38	24	13	8	5
27.5°	212	174	150	125	95	66	45	29	16	10	6
25°	235	193	162	136	108	79	53	34	20	12	7
22.5°	258	214	174	147	120	90	62	40	24	14	8
20°	283	233	186	160	132	101	72	47	28	17	9
17.5°	310	254	206	174	142	111	81	53	32	19	10
15°	337	275	225	187	153	119	89	60	35	22	11
12.5°	360	294	241	200	163	127	96	66	38	24	13
10°	381	311	256	212	173	134	103	72	43	27	15
7.5°	398	326	268	224	182	142	109	77	48	28	17
5°	413	338	278	233	190	150	114	81	53	30	20
2.5°	424	348	285	240	196	158	118	83	58	31	22
0°	432	355	290	246	201	166	121	86	62	33	24
-2.5°	436	360	298	250	208	170	126	90	65	37	25
-5°	437	363	305	254	214	172	129	94	67	41	25
-7.5°	438	365	308	257	218	174	132	98	69	44	26
-10°	435	365	309	260	220	176	134	100	71	47	26
-12.5°	430	363	309	262	220	177	137	102	73	49	27
-15°	420	359	308	261	220	178	139	103	73	50	27
-17.5°	408	353	305	259	219	179	140	103	74	49	28
-20°	400	347	302	255	218	178	139	102	73	49	29

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REPORT NUMBER: P627096 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	390	341	296	251	216	177	138	99	72	48	30
-25°	377	333	289	249	213	175	135	96	71	47	30
-27.5°	366	325	282	245	209	171	131	93	69	46	30
-30°	355	316	276	240	203	166	124	90	67	45	29
-32.5°	344	307	269	232	197	161	118	87	65	45	29
-35°	332	296	260	224	190	153	113	83	63	43	28
-37.5°	320	285	249	215	183	146	110	81	61	42	27
-40°	306	273	238	208	175	139	107	80	58	39	26
-42.5°	293	261	229	200	167	133	102	77	55	37	25
-45°	280	249	219	189	159	127	98	74	52	35	24
-47.5°	266	236	207	177	151	120	92	69	48	34	23
-50°	251	221	192	166	140	112	86	64	46	32	22
-52.5°	233	203	178	154	129	102	79	58	43	31	21
-55°	214	187	166	142	117	93	71	55	41	29	20
-57.5°	199	175	153	129	106	84	65	51	38	27	19
-60°	185	161	139	116	94	75	60	47	35	25	18
-62.5°	167	145	123	101	83	67	55	43	32	24	17
-65°	146	125	105	88	73	60	49	39	29	21	15
-67.5°	123	106	90	75	63	53	43	34	26	19	14
-70°	105	89	75	64	54	46	37	29	22	17	12
-72.5°	88	75	64	54	46	38	31	25	19	14	10
-75°	72	62	53	45	38	31	25	20	16	12	9
-77.5°	57	49	42	36	30	25	20	16	13	10	8
-80°	43	38	32	28	23	19	16	13	11	9	7
-82.5°	31	27	23	20	17	15	12	10	9	7	6
-85°	20	17	15	14	12	10	9	7	6	5	4
-87.5°	9	9	8	7	6	5	4	4	3	3	2
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627096 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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	0	0	0	0	0	0
70°	0	1	1	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	0	1	1	1	0	0	0
62.5°	0	1	2	1	0	0	0
60°	1	1	2	1	0	0	0
57.5°	1	1	2	2	0	0	0
55°	2	1	2	2	0	0	0
52.5°	2	2	2	2	1	0	0
50°	3	2	2	3	1	0	0
47.5°	3	2	2	3	1	0	0
45°	3	2	2	3	1	0	0
42.5°	4	3	2	3	1	0	0
40°	4	3	3	3	2	0	0
37.5°	4	3	3	3	2	0	0
35°	5	3	3	3	2	0	0
32.5°	5	3	3	3	2	0	0
30°	5	4	3	3	2	0	0
27.5°	5	4	3	3	2	0	0
25°	5	4	3	3	2	0	0
22.5°	6	5	3	3	3	0	0
20°	6	5	3	3	3	0	0
17.5°	6	5	3	3	3	0	0
15°	6	5	3	3	3	0	0
12.5°	7	6	3	3	3	0	0
10°	7	6	3	3	3	0	0
7.5°	8	6	3	3	3	0	0
5°	8	6	3	3	3	0	0
2.5°	8	6	3	3	3	0	0
0°	9	6	3	3	3	0	0
-2.5°	10	6	3	3	3	0	0
-5°	12	7	4	3	3	0	0
-7.5°	13	7	4	3	3	0	0
-10°	14	7	4	3	3	0	0
-12.5°	15	7	4	3	3	0	0
-15°	16	7	4	3	3	0	0
-17.5°	17	7	4	3	3	0	0
-20°	17	8	5	3	3	0	0

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CATALOG NUMBER: GFLD-SA3B-735-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)