

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: P627334 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-735-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627334 (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-SA4B-735-U-MR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

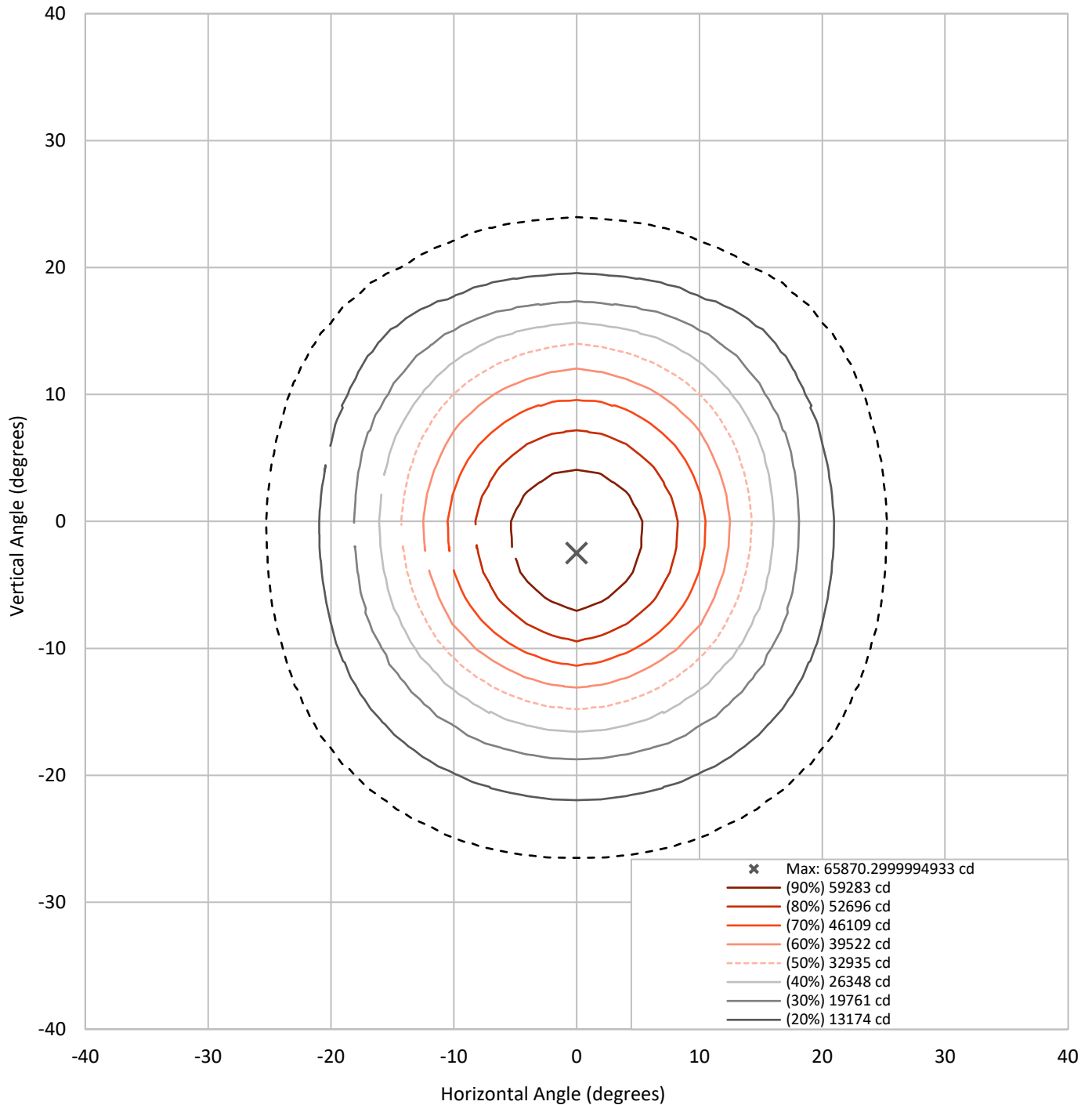
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	18682.3 lumens	Max Intensity:	65870.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	144.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	9341.3 lumens	Field Lumens:	16051.5 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	129.5		
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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Iso-Candela Plot





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Lumen Table

90	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	0.0	0.0		
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	0.0	0.0		
70	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	0.0	0.0		
60		0.0	0.1	0.5	1.3	2.1	3.0	3.5	3.5	3.0	2.1	1.3	0.5	0.1				0.0	
50	0.1	0.1	0.6	2.0	3.9	6.0	8.5	10.0	10.0	8.5	6.0	3.9	2.0	0.6	0.1	0.1	0.1	0.1	
40		0.3	1.6	4.0	7.3	12.1	20.2	26.9	26.9	20.2	12.1	7.3	4.0	1.6	0.3				
30	0.1	0.6	2.5	6.1	11.6	28.2	88.7	162.6	162.6	88.7	28.2	11.6	6.1	2.5	0.6	0.1	0.1	0.1	
20		0.9	3.5	8.3	19.9	97.3	395.6	774.7	774.7	395.6	97.3	19.9	8.3	3.5	0.9				
10	0.3	1.2	4.2	9.9	28.5	185.5	798.9	1565.8	1565.8	798.9	185.5	28.5	9.9	4.2	1.2	0.3	0.3	0.3	
0		1.4	4.6	10.4	30.5	194.3	819.7	1660.3	1660.3	819.7	194.3	30.5	10.4	4.6	1.4				
-10	0.4	1.4	4.7	10.2	25.1	119.3	453.3	878.7	878.7	453.3	119.3	25.1	10.2	4.7	1.4	0.4	0.4	0.4	
-20		1.4	4.5	9.3	18.4	46.3	140.4	250.5	250.5	140.4	46.3	18.4	9.3	4.5	1.4				
-30	0.3	1.2	4.0	8.1	13.9	22.9	37.3	49.9	49.9	37.3	22.9	13.9	8.1	4.0	1.2	0.3	0.3	0.3	
-40		1.0	3.3	6.7	11.0	15.7	20.7	23.3	23.3	20.7	15.7	11.0	6.7	3.3	1.0				
-50	0.2	0.8	2.5	5.2	8.6	12.0	15.0	16.3	16.3	15.0	12.0	8.6	5.2	2.5	0.8	0.2	0.2	0.2	
-60		0.5	1.5	3.4	5.7	8.2	10.2	11.3	11.3	10.2	8.2	5.7	3.4	1.5	0.5				
-70	0.1	0.8	2.5	5.2	8.6	12.0	15.0	16.3	16.3	15.0	12.0	8.6	5.2	2.5	0.8	0.1	0.1	0.1	
-80		0.5	1.5	3.4	5.7	8.2	10.2	11.3	11.3	10.2	8.2	5.7	3.4	1.5	0.5				
-90	0.1	1.2	5.5	11.9	15.1	11.9	5.5	1.2	0.1	0.1	1.2	5.5	11.9	15.1	11.9	5.5	1.2	0.1	
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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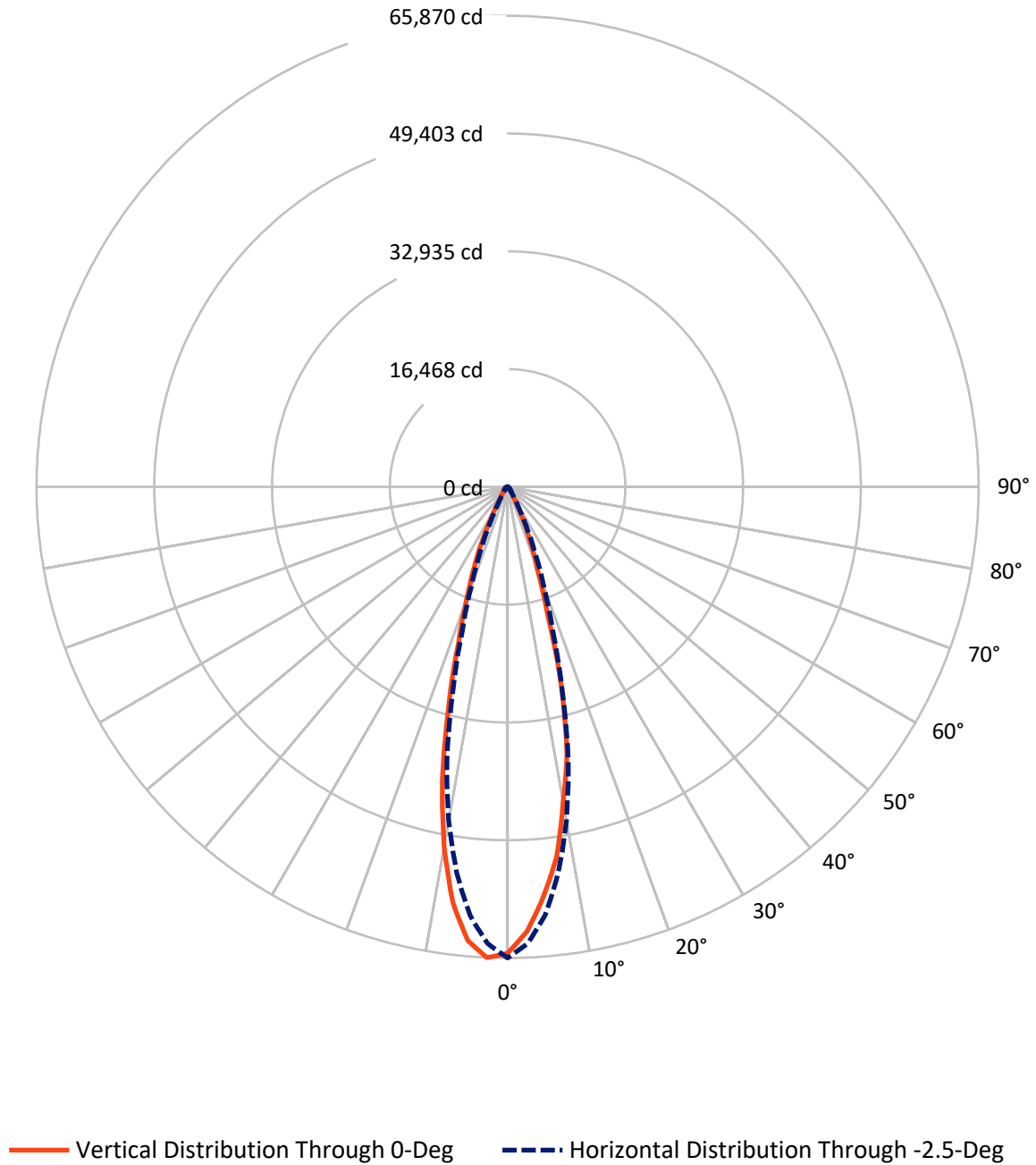
Scaled Data Report



REPORT NUMBER: P627334 (CONVERTED FROM TYPE C PHOTOMETRY)

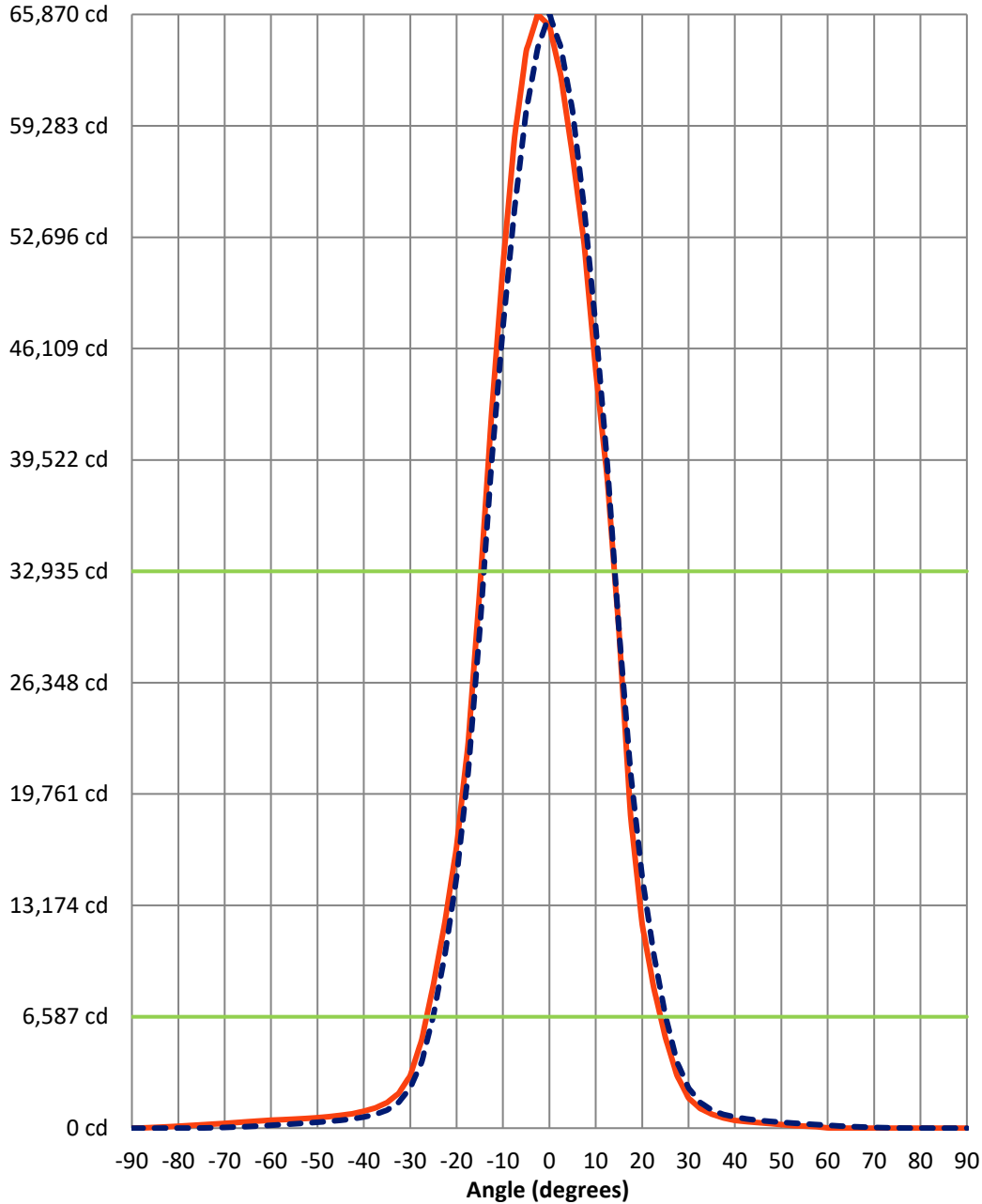
CATALOG NUMBER: GFLD-SA4B-735-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 9341.3
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 16051.5
 Efficiency: 85.9%

Spill:
 Lumens: 2630.7
 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	1	1
57.5°	0	0	0	0	0	0	0	0	1	2	1
55°	0	0	0	0	0	0	0	0	2	3	2
52.5°	0	0	0	0	0	0	1	1	3	3	2
50°	0	0	0	0	0	0	1	2	4	3	3
47.5°	0	0	0	0	0	1	2	3	4	3	4
45°	0	0	0	0	0	1	2	4	4	4	4
42.5°	0	0	0	0	0	2	3	4	4	4	7
40°	0	0	0	0	0	2	3	4	4	4	10
37.5°	0	0	0	0	1	3	4	4	5	6	14
35°	0	0	0	0	1	3	4	4	6	10	18
32.5°	0	0	0	0	1	4	4	4	8	14	23
30°	0	0	0	0	2	4	4	4	9	17	28
27.5°	0	0	0	0	2	4	4	6	12	21	33
25°	0	0	0	0	3	4	4	7	15	25	39
22.5°	0	0	0	0	3	4	4	9	18	30	46
20°	0	0	0	0	3	4	4	10	20	34	53
17.5°	0	0	0	0	3	4	4	12	23	39	60
15°	0	0	0	0	4	4	5	14	25	44	66
12.5°	0	0	0	0	4	4	5	16	27	48	71
10°	0	0	0	0	4	4	6	18	30	52	76
7.5°	0	0	0	0	4	4	6	20	32	57	80
5°	0	0	0	0	4	4	7	22	34	60	84
2.5°	0	0	0	0	4	4	8	23	36	64	88
0°	0	0	0	0	4	4	8	25	37	66	91
-2.5°	0	0	0	0	4	5	10	25	41	69	94
-5°	0	0	0	1	4	5	11	26	44	71	96
-7.5°	0	0	0	1	4	5	13	26	47	72	98
-10°	0	0	0	1	4	6	14	26	49	73	99
-12.5°	0	0	0	1	4	6	15	26	51	75	101
-15°	0	0	0	1	4	6	16	27	51	76	103
-17.5°	0	0	0	2	4	7	16	27	50	76	104
-20°	0	0	0	2	4	7	17	29	50	76	104

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CATALOG NUMBER: GFLD-SA4B-735-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	2	4	7	17	30	49	75	102
-25°	0	0	0	2	4	7	17	31	47	73	100
-27.5°	0	0	0	2	4	8	17	31	46	71	97
-30°	0	0	0	2	4	8	17	31	45	69	94
-32.5°	0	0	0	2	5	8	17	31	45	66	91
-35°	0	0	0	2	5	8	17	30	45	64	86
-37.5°	0	0	0	1	5	8	17	29	44	61	84
-40°	0	0	0	1	5	9	17	28	42	59	81
-42.5°	0	0	0	1	5	9	16	27	41	57	78
-45°	0	0	0	1	5	9	16	26	39	55	75
-47.5°	0	0	0	1	5	9	15	25	38	51	71
-50°	0	0	0	1	5	9	14	24	35	49	66
-52.5°	0	0	0	1	4	8	14	22	33	46	60
-55°	0	0	0	1	4	8	13	20	30	42	56
-57.5°	0	0	0	1	3	7	12	18	27	38	51
-60°	0	0	0	1	3	7	11	17	24	35	46
-62.5°	0	0	0	1	3	6	10	15	22	30	41
-65°	0	0	0	1	3	6	9	13	20	27	36
-67.5°	0	0	0	1	3	5	9	12	17	24	31
-70°	0	0	0	1	2	5	8	11	15	20	27
-72.5°	0	0	0	1	2	4	7	9	13	17	23
-75°	0	0	0	1	2	4	6	8	10	14	18
-77.5°	0	0	0	1	2	3	5	7	8	10	13
-80°	0	0	0	1	1	3	4	5	6	8	10
-82.5°	0	0	0	0	1	2	3	4	4	5	6
-85°	0	0	0	0	1	1	2	2	3	3	3
-87.5°	0	0	0	0	0	1	1	1	1	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627334 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-735-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	1	0	1	1
60°	0	0	1	1	1	2	2	3	4	4	8
57.5°	1	1	2	2	3	5	7	8	13	19	23
55°	1	3	3	3	6	10	13	21	28	36	44
52.5°	3	4	4	6	12	18	26	36	47	55	63
50°	4	5	5	13	21	30	43	57	66	74	86
47.5°	5	6	13	21	32	46	63	74	84	99	116
45°	8	12	20	31	46	65	80	91	107	125	142
42.5°	11	19	30	41	64	82	97	112	130	149	169
40°	16	25	40	58	81	99	117	134	153	176	196
37.5°	21	34	51	74	97	117	138	158	180	204	228
35°	26	44	64	89	112	137	159	182	209	236	263
32.5°	33	54	77	102	128	155	180	210	238	267	300
30°	42	64	88	116	143	171	203	236	265	297	333
27.5°	52	74	100	129	157	188	226	259	290	325	364
25°	61	84	112	140	171	207	247	281	314	353	399
22.5°	69	94	124	151	185	226	268	306	343	381	435
20°	77	104	136	165	198	244	288	331	374	422	482
17.5°	85	115	147	180	217	262	308	356	404	463	538
15°	92	124	159	194	234	280	329	381	437	506	591
12.5°	99	132	170	207	249	296	347	401	466	549	655
10°	106	140	180	219	262	311	362	419	488	578	702
7.5°	111	147	190	230	273	323	376	434	507	603	740
5°	116	154	197	238	282	333	386	447	522	622	770
2.5°	121	161	203	244	289	340	393	455	533	640	794
0°	124	166	207	249	294	344	398	460	539	655	809
-2.5°	128	171	212	254	300	349	403	465	546	660	813
-5°	131	176	216	258	304	351	405	467	550	660	814
-7.5°	134	179	218	261	307	354	407	470	552	659	814
-10°	135	180	221	263	310	356	407	469	549	652	800
-12.5°	138	181	222	264	311	357	406	465	541	640	775
-15°	139	181	222	264	310	356	403	457	529	623	741
-17.5°	140	181	221	261	308	354	398	451	517	606	718
-20°	140	180	219	258	304	350	394	445	507	585	686

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	139	178	216	254	298	343	388	436	493	559	650
-25°	137	176	213	250	292	335	380	424	479	542	619
-27.5°	133	173	209	246	285	326	370	414	463	521	587
-30°	128	168	204	240	278	317	358	401	446	500	560
-32.5°	122	162	197	233	271	309	345	387	430	476	531
-35°	117	155	190	225	262	298	333	370	412	456	502
-37.5°	113	147	182	215	251	287	319	354	392	434	476
-40°	109	139	174	206	238	274	306	337	372	413	453
-42.5°	104	133	165	197	227	259	293	322	355	392	430
-45°	99	127	156	187	217	246	277	308	340	373	408
-47.5°	94	120	148	175	205	235	262	292	324	355	387
-50°	88	113	139	164	192	222	249	275	304	336	366
-52.5°	81	105	128	152	178	206	234	261	286	313	342
-55°	73	95	117	140	163	188	216	242	269	293	319
-57.5°	66	84	106	127	148	170	196	222	247	272	298
-60°	59	75	93	114	135	155	177	201	225	248	272
-62.5°	52	66	81	99	119	139	159	180	202	222	242
-65°	46	57	71	86	102	120	139	159	179	195	211
-67.5°	39	49	60	72	87	101	117	134	152	167	182
-70°	34	41	50	60	72	84	97	111	125	138	152
-72.5°	29	35	41	48	58	69	80	90	102	114	125
-75°	23	28	33	39	46	55	64	74	83	92	102
-77.5°	18	22	27	31	36	43	50	57	65	73	81
-80°	13	16	20	24	28	32	36	41	47	53	59
-82.5°	9	11	14	17	19	22	24	27	31	36	40
-85°	5	6	8	10	11	12	14	15	18	20	23
-87.5°	2	3	4	5	5	5	6	6	7	8	9
-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	1	1	1	0	0	0
62.5°	1	2	3	4	5	5	5	6	6	6	6
60°	11	10	16	19	18	14	20	23	22	19	19
57.5°	29	36	42	44	49	58	60	59	60	63	71
55°	51	56	61	69	78	85	92	96	101	106	112
52.5°	69	79	86	94	105	112	115	127	137	145	150
50°	99	109	120	131	142	152	160	172	185	200	208
47.5°	129	142	156	173	185	195	205	221	240	257	267
45°	158	173	191	207	220	234	250	269	288	305	318
42.5°	184	201	219	238	250	271	293	313	337	358	374
40°	214	230	257	276	293	315	348	377	405	431	448
37.5°	250	277	306	329	351	379	424	469	504	540	565
35°	292	325	361	387	420	471	528	589	651	701	745
32.5°	333	369	406	447	497	569	641	739	831	925	1013
30°	369	410	455	507	589	689	805	956	1120	1284	1471
27.5°	408	453	506	589	713	849	1063	1302	1641	1914	2355
25°	450	500	573	706	876	1117	1490	1915	2617	3217	3894
22.5°	500	578	682	847	1132	1565	2146	3072	4150	5152	6107
20°	563	669	845	1109	1517	2184	3285	4689	6189	7654	9072
17.5°	645	813	1066	1441	2020	3421	5060	7066	9634	11563	13392
15°	720	933	1315	1923	3011	4815	7105	10177	13635	16541	19830
12.5°	809	1067	1526	2315	3871	6255	9175	12838	16930	21342	26493
10°	887	1203	1795	2880	4768	7543	10814	15115	20370	26614	33123
7.5°	947	1317	2019	3304	5523	8599	12501	17732	24387	31685	39109
5°	993	1405	2195	3636	6166	9456	13732	19802	27389	35764	43147
2.5°	1029	1467	2312	3841	6600	10042	14574	20903	29225	38428	46179
0°	1058	1505	2376	3986	6802	10319	14964	21347	30086	39733	47704
-2.5°	1067	1525	2380	3935	6679	10302	14873	21074	29492	39215	47381
-5°	1071	1515	2320	3831	6462	9932	14277	20039	27679	36799	45074
-7.5°	1063	1475	2198	3574	5973	9280	13446	18503	24765	32806	41359
-10°	1034	1404	2033	3226	5300	8262	12151	16424	21427	27991	34922
-12.5°	983	1298	1806	2704	4508	7110	10554	14331	18230	22544	28245
-15°	921	1190	1620	2388	3775	5900	8689	11879	15115	18418	21896
-17.5°	874	1096	1430	1966	2898	4616	6846	9410	12035	14659	17001
-20°	814	983	1244	1661	2338	3355	5032	7027	8989	11128	12923

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REPORT NUMBER: P627334 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-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°	761	905	1100	1363	1818	2534	3490	4894	6385	7938	9412
-25°	710	819	974	1185	1457	1883	2514	3248	4295	5250	6345
-27.5°	668	759	864	1020	1226	1460	1847	2276	2824	3280	4010
-30°	627	700	787	887	1038	1215	1424	1683	1952	2221	2571
-32.5°	588	650	718	799	892	1025	1155	1321	1468	1630	1797
-35°	551	605	661	726	798	885	982	1092	1190	1288	1375
-37.5°	519	564	613	664	721	782	859	936	1002	1066	1120
-40°	491	529	570	612	658	707	767	824	869	910	944
-42.5°	466	500	532	568	606	651	697	741	771	800	823
-45°	443	472	501	530	562	601	641	675	699	720	737
-47.5°	417	444	470	497	527	559	590	616	637	655	668
-50°	393	418	442	465	492	520	547	569	587	603	612
-52.5°	369	393	417	440	462	484	506	526	545	562	568
-55°	345	369	391	412	434	454	474	492	509	525	529
-57.5°	322	347	369	387	405	424	442	460	476	491	496
-60°	296	321	341	358	375	393	409	425	441	455	461
-62.5°	264	287	305	322	338	353	368	382	397	408	415
-65°	228	247	265	281	295	309	323	336	348	357	363
-67.5°	196	210	225	239	254	268	280	291	302	310	315
-70°	165	178	191	204	217	229	240	250	260	267	272
-72.5°	137	148	160	172	184	194	203	212	221	227	232
-75°	111	121	131	141	151	159	167	174	181	186	191
-77.5°	88	96	103	111	118	125	131	137	142	147	150
-80°	65	71	77	83	88	93	97	102	107	110	114
-82.5°	44	49	53	58	62	65	67	70	72	75	77
-85°	26	28	31	34	37	39	40	42	44	45	47
-87.5°	10	11	13	14	15	15	16	16	16	17	18
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627334 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-735-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	0	1
62.5°	5	4	4	4	4	4	5	6	6	6	6
60°	18	17	16	17	16	17	18	19	19	22	23
57.5°	77	83	86	87	86	83	77	71	63	60	59
55°	118	122	122	120	122	122	118	112	106	101	96
52.5°	152	153	151	149	151	153	152	150	145	137	127
50°	211	210	210	212	210	210	211	208	200	185	172
47.5°	271	274	275	274	275	274	271	267	257	240	221
45°	324	328	329	328	329	328	324	318	305	288	269
42.5°	381	383	384	386	384	383	381	374	358	337	313
40°	455	458	458	456	458	458	455	448	431	405	377
37.5°	582	591	595	606	595	591	582	565	540	504	469
35°	779	800	812	830	812	800	779	745	701	651	589
32.5°	1076	1120	1142	1165	1142	1120	1076	1013	925	831	739
30°	1600	1685	1720	1783	1720	1685	1600	1471	1284	1120	956
27.5°	2678	2880	2960	3127	2960	2880	2678	2355	1914	1641	1302
25°	4510	4947	5189	5379	5189	4947	4510	3894	3217	2617	1915
22.5°	7071	7712	8054	8307	8054	7712	7071	6107	5152	4150	3072
20°	10357	11202	11707	12073	11707	11202	10357	9072	7654	6189	4689
17.5°	15740	17069	17847	18514	17847	17069	15740	13392	11563	9634	7066
15°	23498	26169	28245	29402	28245	26169	23498	19830	16541	13635	10177
12.5°	31046	34958	37283	38352	37283	34958	31046	26493	21342	16930	12838
10°	38510	42199	44410	44801	44410	42199	38510	33123	26614	20370	15115
7.5°	44224	48281	51220	52287	51220	48281	44224	39109	31685	24387	17732
5°	49271	54022	57131	57526	57131	54022	49271	43147	35764	27389	19802
2.5°	52984	58148	61163	62200	61163	58148	52984	46179	38428	29225	20903
0°	54780	60342	63697	65207	63697	60342	54780	47704	39733	30086	21347
-2.5°	54402	60155	63900	65870	63900	60155	54402	47381	39215	29492	21074
-5°	52334	58103	61595	63689	61595	58103	52334	45074	36799	27679	20039
-7.5°	47564	52959	56676	58608	56676	52959	47564	41359	32806	24765	18503
-10°	41417	45983	49371	51018	49371	45983	41417	34922	27991	21427	16424
-12.5°	33430	37859	40916	42080	40916	37859	33430	28245	22544	18230	14331
-15°	25613	28994	31165	31853	31165	28994	25613	21896	18418	15115	11879
-17.5°	19424	21244	22465	22795	22465	21244	19424	17001	14659	12035	9410
-20°	14552	15680	16473	16660	16473	15680	14552	12923	11128	8989	7027

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REPORT NUMBER: P627334 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-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°	10603	11451	12091	12219	12091	11451	10603	9412	7938	6385	4894
-25°	7314	8023	8457	8490	8457	8023	7314	6345	5250	4295	3248
-27.5°	4585	4975	5176	5247	5176	4975	4585	4010	3280	2824	2276
-30°	2833	3013	3107	3111	3107	3013	2833	2571	2221	1952	1683
-32.5°	1923	2010	2057	2057	2057	2010	1923	1797	1630	1468	1321
-35°	1441	1486	1511	1514	1511	1486	1441	1375	1288	1190	1092
-37.5°	1159	1183	1196	1199	1196	1183	1159	1120	1066	1002	936
-40°	969	986	997	1004	997	986	969	944	910	869	824
-42.5°	838	849	854	850	854	849	838	823	800	771	741
-45°	746	753	757	759	757	753	746	737	720	699	675
-47.5°	674	677	679	680	679	677	674	668	655	637	616
-50°	616	619	620	618	620	619	616	612	603	587	569
-52.5°	570	571	572	572	572	571	570	568	562	545	526
-55°	532	534	535	535	535	534	532	529	525	509	492
-57.5°	500	504	504	502	504	504	500	496	491	476	460
-60°	466	470	472	473	472	470	466	461	455	441	425
-62.5°	420	424	427	427	427	424	420	415	408	397	382
-65°	367	371	377	382	377	371	367	363	357	348	336
-67.5°	319	322	327	332	327	322	319	315	310	302	291
-70°	277	280	282	282	282	280	277	272	267	260	250
-72.5°	236	239	240	241	240	239	236	232	227	221	212
-75°	195	198	199	199	199	198	195	191	186	181	174
-77.5°	154	157	157	158	157	157	154	150	147	142	137
-80°	117	120	118	116	118	120	117	114	110	107	102
-82.5°	80	82	81	79	81	82	80	77	75	72	70
-85°	48	50	48	46	48	50	48	47	45	44	42
-87.5°	20	21	19	17	19	21	20	18	17	16	16
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627334 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-735-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°	1	1	0	0	0	0	0	0	0	0	0
62.5°	5	5	5	4	3	2	1	1	1	0	1
60°	20	14	18	19	16	10	11	8	4	4	3
57.5°	60	58	49	44	42	36	29	23	19	13	8
55°	92	85	78	69	61	56	51	44	36	28	21
52.5°	115	112	105	94	86	79	69	63	55	47	36
50°	160	152	142	131	120	109	99	86	74	66	57
47.5°	205	195	185	173	156	142	129	116	99	84	74
45°	250	234	220	207	191	173	158	142	125	107	91
42.5°	293	271	250	238	219	201	184	169	149	130	112
40°	348	315	293	276	257	230	214	196	176	153	134
37.5°	424	379	351	329	306	277	250	228	204	180	158
35°	528	471	420	387	361	325	292	263	236	209	182
32.5°	641	569	497	447	406	369	333	300	267	238	210
30°	805	689	589	507	455	410	369	333	297	265	236
27.5°	1063	849	713	589	506	453	408	364	325	290	259
25°	1490	1117	876	706	573	500	450	399	353	314	281
22.5°	2146	1565	1132	847	682	578	500	435	381	343	306
20°	3285	2184	1517	1109	845	669	563	482	422	374	331
17.5°	5060	3421	2020	1441	1066	813	645	538	463	404	356
15°	7105	4815	3011	1923	1315	933	720	591	506	437	381
12.5°	9175	6255	3871	2315	1526	1067	809	655	549	466	401
10°	10814	7543	4768	2880	1795	1203	887	702	578	488	419
7.5°	12501	8599	5523	3304	2019	1317	947	740	603	507	434
5°	13732	9456	6166	3636	2195	1405	993	770	622	522	447
2.5°	14574	10042	6600	3841	2312	1467	1029	794	640	533	455
0°	14964	10319	6802	3986	2376	1505	1058	809	655	539	460
-2.5°	14873	10302	6679	3935	2380	1525	1067	813	660	546	465
-5°	14277	9932	6462	3831	2320	1515	1071	814	660	550	467
-7.5°	13446	9280	5973	3574	2198	1475	1063	814	659	552	470
-10°	12151	8262	5300	3226	2033	1404	1034	800	652	549	469
-12.5°	10554	7110	4508	2704	1806	1298	983	775	640	541	465
-15°	8689	5900	3775	2388	1620	1190	921	741	623	529	457
-17.5°	6846	4616	2898	1966	1430	1096	874	718	606	517	451
-20°	5032	3355	2338	1661	1244	983	814	686	585	507	445

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CATALOG NUMBER: GFLD-SA4B-735-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°	3490	2534	1818	1363	1100	905	761	650	559	493	436
-25°	2514	1883	1457	1185	974	819	710	619	542	479	424
-27.5°	1847	1460	1226	1020	864	759	668	587	521	463	414
-30°	1424	1215	1038	887	787	700	627	560	500	446	401
-32.5°	1155	1025	892	799	718	650	588	531	476	430	387
-35°	982	885	798	726	661	605	551	502	456	412	370
-37.5°	859	782	721	664	613	564	519	476	434	392	354
-40°	767	707	658	612	570	529	491	453	413	372	337
-42.5°	697	651	606	568	532	500	466	430	392	355	322
-45°	641	601	562	530	501	472	443	408	373	340	308
-47.5°	590	559	527	497	470	444	417	387	355	324	292
-50°	547	520	492	465	442	418	393	366	336	304	275
-52.5°	506	484	462	440	417	393	369	342	313	286	261
-55°	474	454	434	412	391	369	345	319	293	269	242
-57.5°	442	424	405	387	369	347	322	298	272	247	222
-60°	409	393	375	358	341	321	296	272	248	225	201
-62.5°	368	353	338	322	305	287	264	242	222	202	180
-65°	323	309	295	281	265	247	228	211	195	179	159
-67.5°	280	268	254	239	225	210	196	182	167	152	134
-70°	240	229	217	204	191	178	165	152	138	125	111
-72.5°	203	194	184	172	160	148	137	125	114	102	90
-75°	167	159	151	141	131	121	111	102	92	83	74
-77.5°	131	125	118	111	103	96	88	81	73	65	57
-80°	97	93	88	83	77	71	65	59	53	47	41
-82.5°	67	65	62	58	53	49	44	40	36	31	27
-85°	40	39	37	34	31	28	26	23	20	18	15
-87.5°	16	15	15	14	13	11	10	9	8	7	6
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA4B-735-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°	2	2	1	1	1	0	0	1	1	0	0
57.5°	7	5	3	2	2	1	1	1	2	1	0
55°	13	10	6	3	3	3	1	2	3	2	0
52.5°	26	18	12	6	4	4	3	2	3	3	1
50°	43	30	21	13	5	5	4	3	3	4	2
47.5°	63	46	32	21	13	6	5	4	3	4	3
45°	80	65	46	31	20	12	8	4	4	4	4
42.5°	97	82	64	41	30	19	11	7	4	4	4
40°	117	99	81	58	40	25	16	10	4	4	4
37.5°	138	117	97	74	51	34	21	14	6	5	4
35°	159	137	112	89	64	44	26	18	10	6	4
32.5°	180	155	128	102	77	54	33	23	14	8	4
30°	203	171	143	116	88	64	42	28	17	9	4
27.5°	226	188	157	129	100	74	52	33	21	12	6
25°	247	207	171	140	112	84	61	39	25	15	7
22.5°	268	226	185	151	124	94	69	46	30	18	9
20°	288	244	198	165	136	104	77	53	34	20	10
17.5°	308	262	217	180	147	115	85	60	39	23	12
15°	329	280	234	194	159	124	92	66	44	25	14
12.5°	347	296	249	207	170	132	99	71	48	27	16
10°	362	311	262	219	180	140	106	76	52	30	18
7.5°	376	323	273	230	190	147	111	80	57	32	20
5°	386	333	282	238	197	154	116	84	60	34	22
2.5°	393	340	289	244	203	161	121	88	64	36	23
0°	398	344	294	249	207	166	124	91	66	37	25
-2.5°	403	349	300	254	212	171	128	94	69	41	25
-5°	405	351	304	258	216	176	131	96	71	44	26
-7.5°	407	354	307	261	218	179	134	98	72	47	26
-10°	407	356	310	263	221	180	135	99	73	49	26
-12.5°	406	357	311	264	222	181	138	101	75	51	26
-15°	403	356	310	264	222	181	139	103	76	51	27
-17.5°	398	354	308	261	221	181	140	104	76	50	27
-20°	394	350	304	258	219	180	140	104	76	50	29

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REPORT NUMBER: P627334 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-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°	388	343	298	254	216	178	139	102	75	49	30
-25°	380	335	292	250	213	176	137	100	73	47	31
-27.5°	370	326	285	246	209	173	133	97	71	46	31
-30°	358	317	278	240	204	168	128	94	69	45	31
-32.5°	345	309	271	233	197	162	122	91	66	45	31
-35°	333	298	262	225	190	155	117	86	64	45	30
-37.5°	319	287	251	215	182	147	113	84	61	44	29
-40°	306	274	238	206	174	139	109	81	59	42	28
-42.5°	293	259	227	197	165	133	104	78	57	41	27
-45°	277	246	217	187	156	127	99	75	55	39	26
-47.5°	262	235	205	175	148	120	94	71	51	38	25
-50°	249	222	192	164	139	113	88	66	49	35	24
-52.5°	234	206	178	152	128	105	81	60	46	33	22
-55°	216	188	163	140	117	95	73	56	42	30	20
-57.5°	196	170	148	127	106	84	66	51	38	27	18
-60°	177	155	135	114	93	75	59	46	35	24	17
-62.5°	159	139	119	99	81	66	52	41	30	22	15
-65°	139	120	102	86	71	57	46	36	27	20	13
-67.5°	117	101	87	72	60	49	39	31	24	17	12
-70°	97	84	72	60	50	41	34	27	20	15	11
-72.5°	80	69	58	48	41	35	29	23	17	13	9
-75°	64	55	46	39	33	28	23	18	14	10	8
-77.5°	50	43	36	31	27	22	18	13	10	8	7
-80°	36	32	28	24	20	16	13	10	8	6	5
-82.5°	24	22	19	17	14	11	9	6	5	4	4
-85°	14	12	11	10	8	6	5	3	3	3	2
-87.5°	6	5	5	5	4	3	2	2	2	1	1
-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: P627334 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-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°	0	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	2	1	0	0	0	0	0
45°	2	1	0	0	0	0	0
42.5°	3	2	0	0	0	0	0
40°	3	2	0	0	0	0	0
37.5°	4	3	1	0	0	0	0
35°	4	3	1	0	0	0	0
32.5°	4	4	1	0	0	0	0
30°	4	4	2	0	0	0	0
27.5°	4	4	2	0	0	0	0
25°	4	4	3	0	0	0	0
22.5°	4	4	3	0	0	0	0
20°	4	4	3	0	0	0	0
17.5°	4	4	3	0	0	0	0
15°	5	4	4	0	0	0	0
12.5°	5	4	4	0	0	0	0
10°	6	4	4	0	0	0	0
7.5°	6	4	4	0	0	0	0
5°	7	4	4	0	0	0	0
2.5°	8	4	4	0	0	0	0
0°	8	4	4	0	0	0	0
-2.5°	10	5	4	0	0	0	0
-5°	11	5	4	1	0	0	0
-7.5°	13	5	4	1	0	0	0
-10°	14	6	4	1	0	0	0
-12.5°	15	6	4	1	0	0	0
-15°	16	6	4	1	0	0	0
-17.5°	16	7	4	2	0	0	0
-20°	17	7	4	2	0	0	0

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REPORT NUMBER: P627334 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)