

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: P627404 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627404 (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-SA4C-740-U-MR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

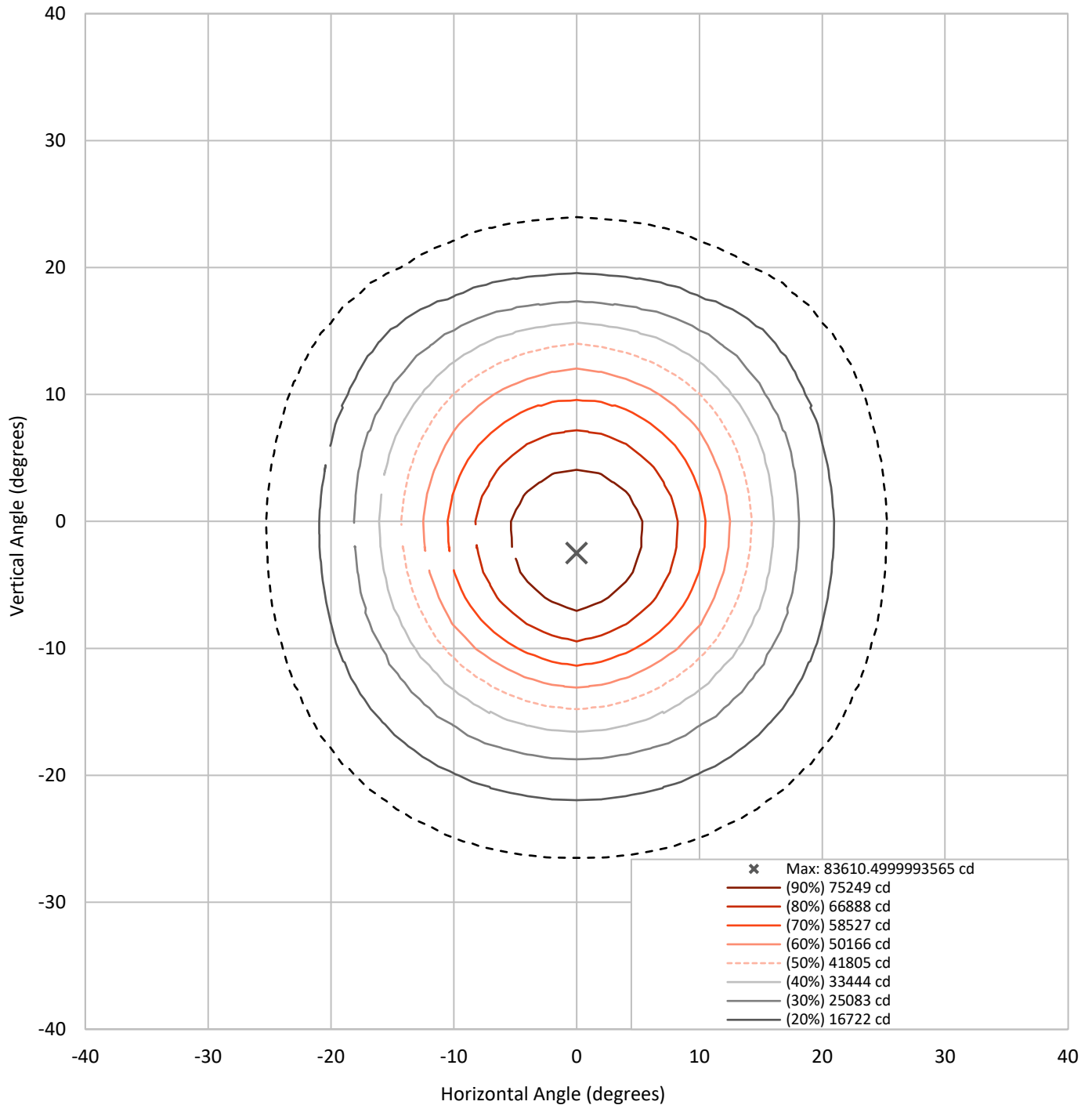
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	23713.8 lumens	Max Intensity:	83610.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	141.0 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:	11857.1 lumens	Field Lumens:	20374.5 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	168.2		
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																			
80	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	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0			
60		0.0	0.1	0.7	1.6	2.7	3.7	4.5	4.5	3.7	2.7	1.6	0.7	0.1	0.0				
50	0.1	0.1	0.8	2.6	5.0	7.7	10.8	12.6	12.6	10.8	7.7	5.0	2.6	0.8	0.1	0.1			
40		0.3	2.0	5.1	9.3	15.3	25.6	34.1	34.1	25.6	15.3	9.3	5.1	2.0	0.3				
30	0.2	0.7	3.2	7.7	14.7	35.8	112.5	206.4	206.4	112.5	35.8	14.7	7.7	3.2	0.7	0.2			
20		1.2	4.4	10.5	25.2	123.5	502.2	983.3	983.3	502.2	123.5	25.2	10.5	4.4	1.2				
10	0.3	1.5	5.4	12.5	36.2	235.4	1014.0	1987.5	1987.5	1014.0	235.4	36.2	12.5	5.4	1.5	0.3			
0		1.7	5.8	13.2	38.7	246.6	1040.5	2107.5	2107.5	1040.5	246.6	38.7	13.2	5.8	1.7				
-10	0.4	1.8	5.9	12.9	31.8	151.4	575.4	1115.3	1115.3	575.4	151.4	31.8	12.9	5.9	1.8	0.4			
-20		1.8	5.7	11.8	23.3	58.8	178.2	317.9	317.9	178.2	58.8	23.3	11.8	5.7	1.8				
-30	0.4	1.6	5.0	10.2	17.7	29.0	47.4	63.4	63.4	47.4	29.0	17.7	10.2	5.0	1.6	0.4			
-40		1.3	4.2	8.5	14.0	20.0	26.3	29.5	29.5	26.3	20.0	14.0	8.5	4.2	1.3				
-50	0.3	1.0	3.1	6.6	10.9	15.2	19.0	20.7	20.7	19.0	15.2	10.9	6.6	3.1	1.0	0.3			
-60		0.6	2.0	4.3	7.3	10.3	13.0	14.3	14.3	13.0	10.3	7.3	4.3	2.0	0.6				
-70	0.1	1.5		7.0		15.1		19.1		15.1		7.0		1.5		0.1			
-80		1.5		7.0		15.1		19.1		15.1		7.0		1.5					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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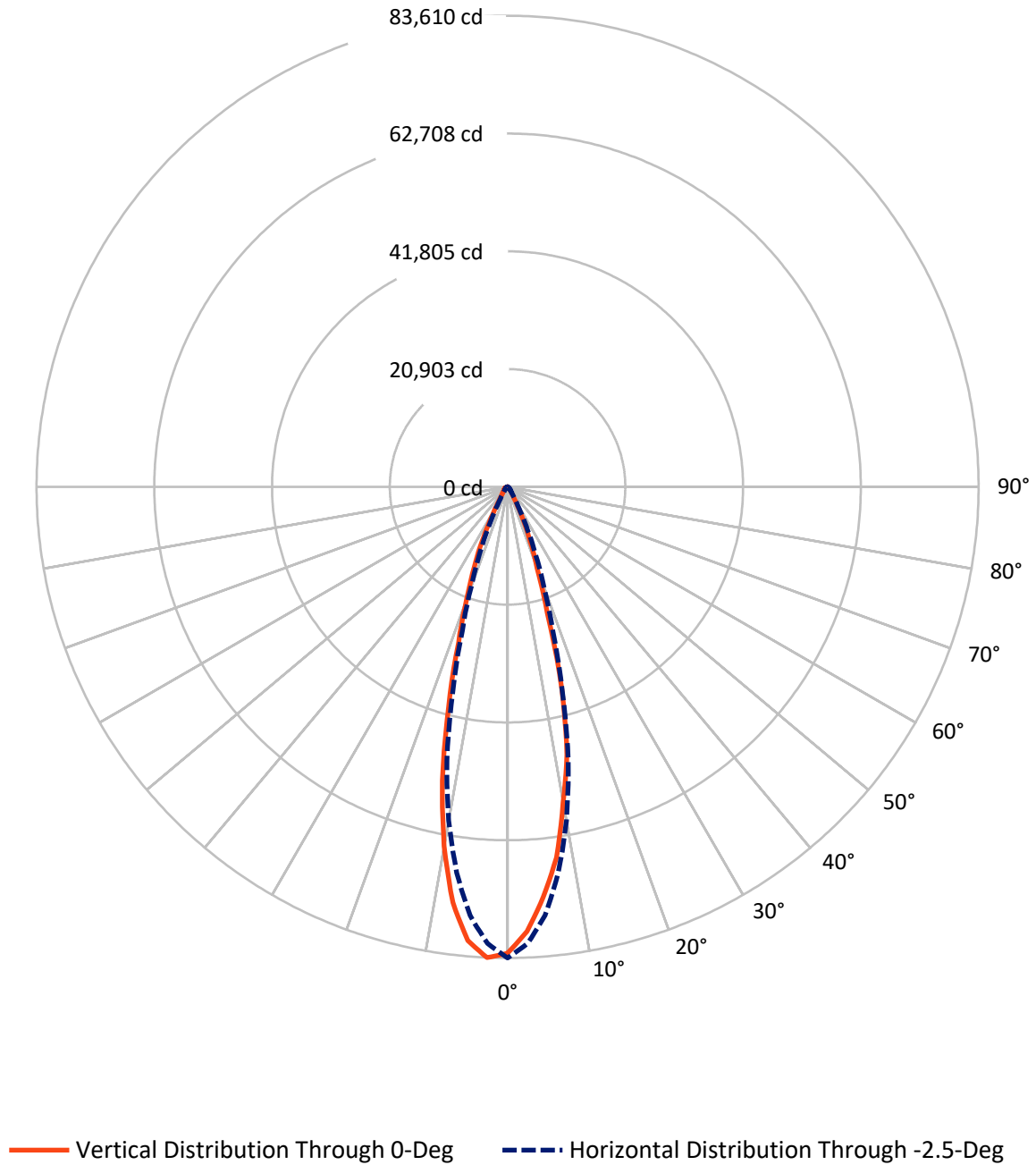
Scaled Data Report



REPORT NUMBER: P627404 (CONVERTED FROM TYPE C PHOTOMETRY)

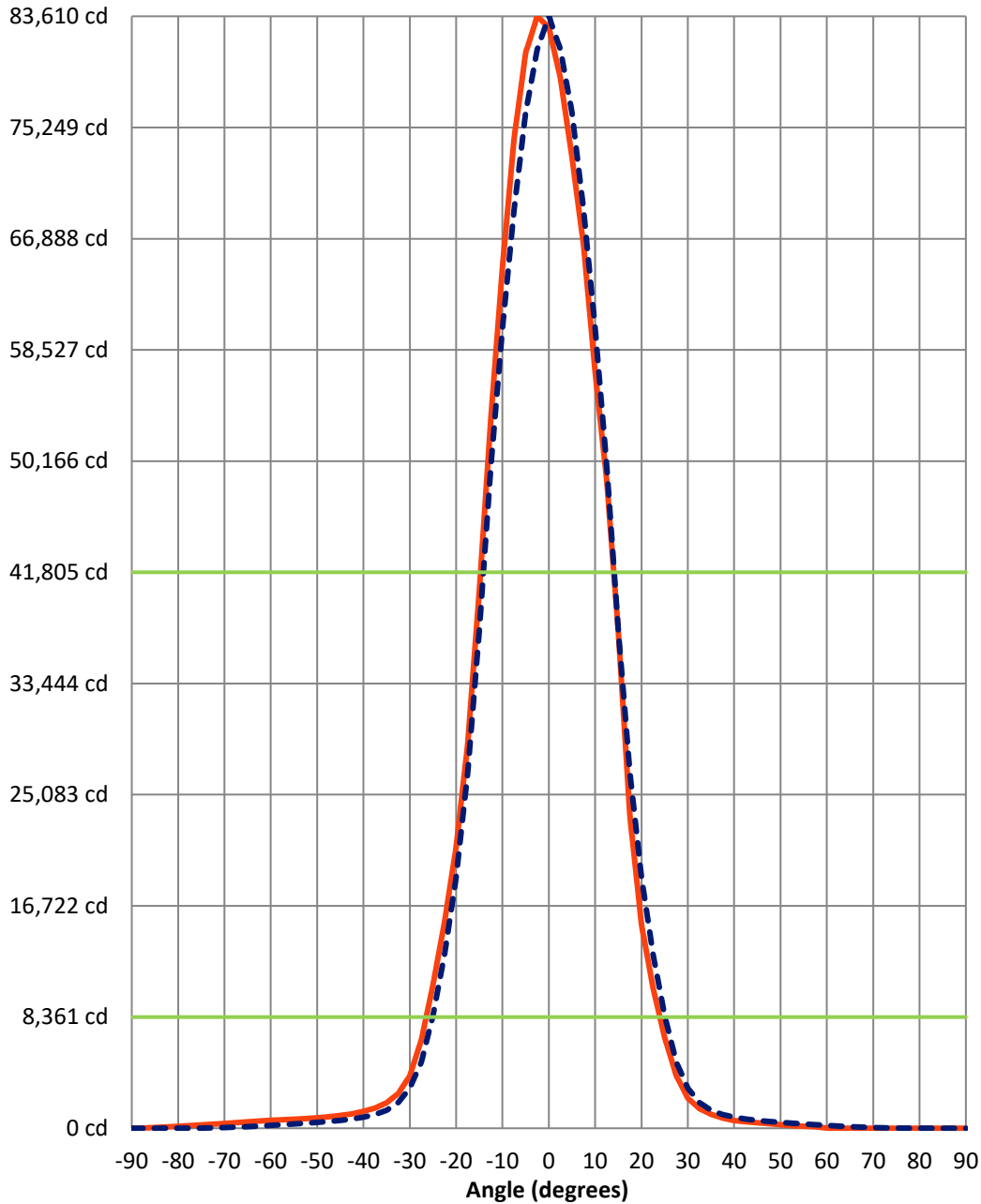
CATALOG NUMBER: GFLD-SA4C-740-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 28.2°
V Angle: 28.7°
Lumens: 11857.1
Efficiency: 50.0%

Field:
H Angle: 50.2°
V Angle: 50.4°
Lumens: 20374.5
Efficiency: 85.9%

Spill:
Lumens: 3339.2
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	2
55°	0	0	0	0	0	0	1	0	2	3	2
52.5°	0	0	0	0	0	0	1	2	4	4	2
50°	0	0	0	0	0	1	1	3	5	4	4
47.5°	0	0	0	0	0	1	2	4	5	4	5
45°	0	0	0	0	0	2	3	5	5	5	5
42.5°	0	0	0	0	0	2	4	5	5	5	8
40°	0	0	0	0	0	3	4	5	6	5	13
37.5°	0	0	0	0	1	4	5	5	6	8	17
35°	0	0	0	0	1	4	5	5	8	13	23
32.5°	0	0	0	0	2	5	5	5	10	18	29
30°	0	0	0	0	2	5	5	6	12	22	35
27.5°	0	0	0	0	3	5	5	7	15	27	42
25°	0	0	0	0	3	5	5	9	19	32	49
22.5°	0	0	0	0	4	5	5	11	22	38	59
20°	0	0	0	0	4	5	5	13	26	44	68
17.5°	0	0	0	0	4	5	6	15	29	49	76
15°	0	0	0	0	5	5	6	18	32	55	83
12.5°	0	0	0	0	5	5	7	20	35	61	90
10°	0	0	0	0	5	5	8	23	38	67	96
7.5°	0	0	0	0	5	5	8	26	41	72	102
5°	0	0	0	0	5	5	9	28	43	76	107
2.5°	0	0	0	0	5	5	10	30	45	81	112
0°	0	0	0	0	5	5	10	32	47	84	116
-2.5°	0	0	0	0	5	6	13	32	52	87	119
-5°	0	0	0	1	5	6	15	33	56	90	122
-7.5°	0	0	0	1	5	7	16	33	60	92	124
-10°	0	0	0	1	5	7	18	33	62	93	125
-12.5°	0	0	0	2	5	8	19	34	64	95	128
-15°	0	0	0	2	5	8	20	34	65	96	131
-17.5°	0	0	0	2	5	8	21	35	64	96	132
-20°	0	0	0	2	5	8	21	37	63	96	132

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REPORT NUMBER: P627404 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	2	5	8	22	38	62	95	130
-25°	0	0	0	2	5	9	22	39	60	93	126
-27.5°	0	0	0	2	5	10	22	39	58	90	124
-30°	0	0	0	2	5	10	22	39	58	87	120
-32.5°	0	0	0	2	6	11	21	39	57	84	115
-35°	0	0	0	2	6	11	21	38	57	81	109
-37.5°	0	0	0	2	7	11	21	37	55	77	106
-40°	0	0	0	2	7	11	21	36	54	75	103
-42.5°	0	0	0	1	7	11	21	35	52	73	100
-45°	0	0	0	1	7	12	20	33	50	69	95
-47.5°	0	0	0	1	6	11	19	32	48	65	90
-50°	0	0	0	1	6	11	18	30	45	62	84
-52.5°	0	0	0	1	5	11	17	28	42	58	77
-55°	0	0	0	1	5	10	16	25	38	53	71
-57.5°	0	0	0	1	4	9	15	23	35	49	65
-60°	0	0	0	1	4	9	14	21	31	44	58
-62.5°	0	0	0	1	4	8	13	19	28	39	52
-65°	0	0	0	1	4	7	12	17	25	34	45
-67.5°	0	0	0	1	3	7	11	15	22	30	40
-70°	0	0	0	1	3	6	10	14	19	26	34
-72.5°	0	0	0	1	3	5	9	12	16	22	29
-75°	0	0	0	1	3	5	8	10	13	18	23
-77.5°	0	0	0	1	2	4	7	8	11	13	17
-80°	0	0	0	1	2	3	5	7	8	10	12
-82.5°	0	0	0	1	1	3	4	5	5	7	8
-85°	0	0	0	0	1	2	3	3	4	4	4
-87.5°	0	0	0	0	0	1	1	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627404 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	1	1	0	1	2
60°	0	0	1	1	1	2	3	4	5	5	11
57.5°	1	1	3	3	4	6	9	10	17	24	29
55°	2	3	4	4	8	13	17	26	35	46	55
52.5°	3	5	5	8	15	23	34	46	60	70	79
50°	5	6	7	17	26	38	54	72	84	94	109
47.5°	7	8	16	27	40	58	80	94	106	125	147
45°	10	15	26	40	58	83	101	115	136	158	181
42.5°	14	24	38	53	81	105	123	143	165	190	214
40°	21	31	50	74	103	126	148	171	194	223	249
37.5°	27	43	65	94	123	149	175	200	228	259	289
35°	33	56	82	112	143	174	202	231	266	300	334
32.5°	42	68	97	130	163	197	228	266	302	339	381
30°	54	81	112	147	181	218	258	300	336	377	422
27.5°	66	94	127	163	199	238	287	329	368	413	462
25°	77	106	142	178	217	262	314	357	399	448	506
22.5°	87	119	158	192	234	287	340	388	435	484	552
20°	98	133	172	210	252	310	365	420	474	536	612
17.5°	108	145	187	229	275	333	391	451	513	588	683
15°	117	157	202	247	297	355	417	483	554	642	750
12.5°	126	168	216	263	316	376	440	509	591	697	831
10°	134	178	229	278	332	394	460	531	620	734	891
7.5°	141	187	241	292	347	411	477	551	644	765	939
5°	148	196	250	302	358	423	490	567	663	789	978
2.5°	153	204	257	310	367	431	499	577	676	813	1007
0°	158	211	263	316	374	437	505	584	684	832	1027
-2.5°	163	218	269	322	381	442	511	591	693	837	1031
-5°	167	223	274	327	386	446	514	593	698	838	1034
-7.5°	170	227	277	331	390	449	517	596	700	837	1033
-10°	171	229	280	334	393	452	517	595	697	828	1016
-12.5°	175	230	281	335	394	453	515	590	687	812	983
-15°	177	230	282	335	393	452	511	581	671	791	940
-17.5°	178	229	280	332	390	450	505	572	657	769	911
-20°	177	228	278	327	386	444	500	565	643	743	870

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CATALOG NUMBER: GFLD-SA4C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	176	226	274	322	379	436	493	553	626	710	825
-25°	173	224	270	318	370	426	482	539	608	688	785
-27.5°	169	220	266	312	362	414	469	525	588	661	745
-30°	163	213	259	305	353	403	454	509	566	634	711
-32.5°	155	205	251	296	344	392	438	491	546	605	674
-35°	148	196	241	285	333	379	423	469	523	578	637
-37.5°	144	186	231	273	319	364	405	449	498	551	604
-40°	138	176	221	261	302	348	389	428	472	524	574
-42.5°	132	169	209	250	289	329	372	409	450	498	546
-45°	126	161	198	237	276	312	351	391	431	473	518
-47.5°	119	153	188	223	261	298	332	370	411	451	491
-50°	111	143	176	208	244	281	317	349	386	426	465
-52.5°	103	133	163	193	226	261	297	331	363	397	434
-55°	93	121	149	177	206	239	274	308	341	372	404
-57.5°	84	107	134	162	188	216	249	282	314	346	378
-60°	75	95	118	144	171	197	224	255	286	315	345
-62.5°	66	84	103	126	151	177	202	229	257	282	308
-65°	58	72	90	109	130	152	176	202	227	247	268
-67.5°	50	62	76	92	110	129	148	170	193	212	230
-70°	43	52	63	76	91	106	124	141	158	176	193
-72.5°	36	44	52	61	73	87	101	115	129	144	159
-75°	29	36	42	50	59	69	81	94	106	117	129
-77.5°	22	28	34	39	46	54	63	73	83	92	102
-80°	16	21	25	30	35	40	46	53	60	67	75
-82.5°	11	14	18	22	24	27	31	35	40	45	51
-85°	6	8	10	13	14	16	17	19	22	26	29
-87.5°	3	4	5	6	6	7	7	7	9	10	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627404 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	1	1	1	0	0	0
62.5°	2	2	4	5	6	6	7	7	7	7	7
60°	13	13	20	24	23	18	26	30	28	24	24
57.5°	37	46	53	55	62	73	77	75	76	80	90
55°	65	72	77	88	98	108	116	122	128	135	143
52.5°	88	100	109	120	134	142	146	161	174	184	190
50°	125	138	152	166	180	193	203	218	235	253	264
47.5°	164	181	199	220	235	247	261	281	304	326	339
45°	201	220	242	262	280	297	317	342	366	387	404
42.5°	234	255	278	302	317	343	372	397	427	455	475
40°	271	292	327	350	371	399	441	478	513	547	568
37.5°	317	352	389	418	446	481	539	595	640	685	717
35°	371	413	459	491	533	598	670	748	826	889	945
32.5°	422	469	516	567	631	723	813	938	1054	1173	1285
30°	469	521	578	644	747	875	1022	1214	1422	1630	1867
27.5°	517	575	643	748	904	1078	1350	1652	2083	2430	2989
25°	571	635	728	896	1112	1418	1892	2431	3322	4084	4942
22.5°	635	734	865	1076	1437	1987	2724	3899	5268	6539	7752
20°	714	849	1073	1408	1926	2772	4170	5952	7855	9716	11515
17.5°	819	1032	1353	1829	2564	4343	6423	8969	12229	14677	16999
15°	914	1184	1669	2441	3822	6112	9019	12918	17307	20996	25170
12.5°	1027	1354	1937	2938	4914	7940	11646	16296	21489	27090	33628
10°	1126	1527	2278	3656	6052	9574	13727	19185	25856	33781	42044
7.5°	1202	1672	2563	4194	7011	10915	15868	22507	30956	40218	49642
5°	1261	1784	2786	4616	7827	12003	17431	25135	34765	45397	54767
2.5°	1307	1863	2934	4875	8378	12746	18500	26532	37096	48778	58616
0°	1342	1911	3016	5059	8634	13098	18994	27096	38188	50434	60552
-2.5°	1355	1936	3021	4995	8478	13077	18879	26750	37435	49776	60141
-5°	1359	1923	2944	4863	8202	12608	18123	25436	35134	46709	57214
-7.5°	1349	1872	2790	4537	7582	11780	17067	23487	31435	41641	52498
-10°	1313	1782	2581	4095	6728	10487	15424	20847	27197	35529	44328
-12.5°	1247	1648	2292	3433	5722	9025	13396	18191	23140	28615	35852
-15°	1169	1510	2057	3031	4791	7489	11029	15078	19185	23378	27793
-17.5°	1109	1391	1815	2495	3679	5860	8690	11945	15277	18607	21579
-20°	1033	1248	1580	2109	2968	4259	6388	8920	11409	14125	16403

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Scaled Data Report



REPORT NUMBER: P627404 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	965	1148	1396	1730	2308	3216	4430	6212	8104	10076	11947
-25°	902	1040	1236	1504	1849	2390	3191	4123	5451	6664	8053
-27.5°	847	963	1097	1295	1556	1853	2345	2888	3585	4163	5090
-30°	796	888	998	1126	1317	1543	1807	2137	2477	2819	3263
-32.5°	747	825	911	1014	1133	1301	1466	1677	1864	2069	2281
-35°	699	768	840	921	1012	1124	1247	1387	1511	1634	1746
-37.5°	658	716	778	843	916	993	1090	1189	1272	1353	1421
-40°	624	672	723	777	836	898	973	1046	1102	1154	1198
-42.5°	592	634	675	721	769	827	885	941	979	1015	1044
-45°	562	599	636	673	713	763	813	856	887	914	935
-47.5°	530	563	597	631	669	709	749	782	808	832	847
-50°	498	531	561	590	624	659	694	722	745	766	777
-52.5°	468	499	530	559	587	614	642	668	692	713	721
-55°	438	469	496	523	551	577	601	624	646	666	672
-57.5°	409	440	469	491	514	538	561	584	604	623	629
-60°	375	407	432	454	476	498	519	539	560	577	585
-62.5°	336	364	387	408	429	448	467	485	503	518	527
-65°	289	313	336	357	375	392	410	426	442	453	460
-67.5°	248	266	285	304	322	340	355	370	384	393	400
-70°	210	226	243	259	276	291	305	318	330	339	345
-72.5°	174	188	203	219	233	246	258	269	280	288	294
-75°	141	153	166	179	192	202	212	221	230	237	242
-77.5°	112	122	131	140	150	159	166	174	181	186	191
-80°	83	91	98	105	112	118	124	129	135	140	144
-82.5°	56	62	67	73	79	82	85	88	91	95	98
-85°	32	36	40	43	47	49	51	53	55	57	59
-87.5°	13	14	16	18	19	19	20	20	20	22	23
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627404 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	1
62.5°	6	5	5	5	5	5	6	7	7	7	7
60°	23	21	21	21	21	21	23	24	24	28	30
57.5°	98	105	109	111	109	105	98	90	80	76	75
55°	149	154	155	153	155	154	149	143	135	128	122
52.5°	193	194	192	190	192	194	193	190	184	174	161
50°	268	267	267	269	267	267	268	264	253	235	218
47.5°	344	348	349	348	349	348	344	339	326	304	281
45°	411	416	418	416	418	416	411	404	387	366	342
42.5°	483	487	488	490	488	487	483	475	455	427	397
40°	578	582	581	579	581	582	578	568	547	513	478
37.5°	739	750	755	769	755	750	739	717	685	640	595
35°	989	1016	1030	1053	1030	1016	989	945	889	826	748
32.5°	1366	1421	1450	1479	1450	1421	1366	1285	1173	1054	938
30°	2030	2139	2183	2264	2183	2139	2030	1867	1630	1422	1214
27.5°	3399	3656	3758	3969	3758	3656	3399	2989	2430	2083	1652
25°	5725	6280	6586	6828	6586	6280	5725	4942	4084	3322	2431
22.5°	8976	9789	10224	10545	10224	9789	8976	7752	6539	5268	3899
20°	13146	14220	14860	15325	14860	14220	13146	11515	9716	7855	5952
17.5°	19979	21667	22653	23501	22653	21667	19979	16999	14677	12229	8969
15°	29827	33217	35852	37320	35852	33217	29827	25170	20996	17307	12918
12.5°	39407	44373	47323	48681	47323	44373	39407	33628	27090	21489	16296
10°	48882	53564	56371	56867	56371	53564	48882	42044	33781	25856	19185
7.5°	56135	61284	65014	66369	65014	61284	56135	49642	40218	30956	22507
5°	62541	68571	72518	73018	72518	68571	62541	54767	45397	34765	25135
2.5°	67253	73808	77636	78951	77636	73808	67253	58616	48778	37096	26532
0°	69533	76593	80852	82768	80852	76593	69533	60552	50434	38188	27096
-2.5°	69054	76355	81109	83610	81109	76355	69054	60141	49776	37435	26750
-5°	66428	73751	78184	80841	78184	73751	66428	57214	46709	35134	25436
-7.5°	60373	67221	71940	74392	71940	67221	60373	52498	41641	31435	23487
-10°	52571	58367	62668	64758	62668	58367	52571	44328	35529	27197	20847
-12.5°	42433	48055	51935	53413	51935	48055	42433	35852	28615	23140	18191
-15°	32511	36802	39559	40431	39559	36802	32511	27793	23378	19185	15078
-17.5°	24655	26965	28516	28934	28516	26965	24655	21579	18607	15277	11945
-20°	18471	19903	20909	21147	20909	19903	18471	16403	14125	11409	8920

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REPORT NUMBER: P627404 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13459	14535	15347	15509	15347	14535	13459	11947	10076	8104	6212
-25°	9284	10184	10735	10776	10735	10184	9284	8053	6664	5451	4123
-27.5°	5820	6315	6570	6660	6570	6315	5820	5090	4163	3585	2888
-30°	3597	3824	3944	3948	3944	3824	3597	3263	2819	2477	2137
-32.5°	2441	2552	2612	2611	2612	2552	2441	2281	2069	1864	1677
-35°	1829	1886	1918	1922	1918	1886	1829	1746	1634	1511	1387
-37.5°	1471	1502	1518	1521	1518	1502	1471	1421	1353	1272	1189
-40°	1230	1251	1265	1274	1265	1251	1230	1198	1154	1102	1046
-42.5°	1063	1078	1084	1079	1084	1078	1063	1044	1015	979	941
-45°	947	956	961	963	961	956	947	935	914	887	856
-47.5°	855	859	862	863	862	859	855	847	832	808	782
-50°	782	786	787	784	787	786	782	777	766	745	722
-52.5°	724	725	726	727	726	725	724	721	713	692	668
-55°	676	677	679	679	679	677	676	672	666	646	624
-57.5°	635	639	640	637	640	639	635	629	623	604	584
-60°	592	597	599	600	599	597	592	585	577	560	539
-62.5°	533	539	541	542	541	539	533	527	518	503	485
-65°	466	471	478	484	478	471	466	460	453	442	426
-67.5°	405	408	415	421	415	408	405	400	393	384	370
-70°	351	356	358	358	358	356	351	345	339	330	318
-72.5°	299	304	305	305	305	304	299	294	288	280	269
-75°	247	251	252	253	252	251	247	242	237	230	221
-77.5°	195	199	200	200	200	199	195	191	186	181	174
-80°	148	152	150	147	150	152	148	144	140	135	129
-82.5°	102	105	103	100	103	105	102	98	95	91	88
-85°	61	63	60	58	60	63	61	59	57	55	53
-87.5°	25	26	24	21	24	26	25	23	22	20	20
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627404 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	1	1	0	0	0	0	0	0	0	0	0
62.5°	7	6	6	5	4	2	2	2	1	0	1
60°	26	18	23	24	20	13	13	11	5	5	4
57.5°	77	73	62	55	53	46	37	29	24	17	10
55°	116	108	98	88	77	72	65	55	46	35	26
52.5°	146	142	134	120	109	100	88	79	70	60	46
50°	203	193	180	166	152	138	125	109	94	84	72
47.5°	261	247	235	220	199	181	164	147	125	106	94
45°	317	297	280	262	242	220	201	181	158	136	115
42.5°	372	343	317	302	278	255	234	214	190	165	143
40°	441	399	371	350	327	292	271	249	223	194	171
37.5°	539	481	446	418	389	352	317	289	259	228	200
35°	670	598	533	491	459	413	371	334	300	266	231
32.5°	813	723	631	567	516	469	422	381	339	302	266
30°	1022	875	747	644	578	521	469	422	377	336	300
27.5°	1350	1078	904	748	643	575	517	462	413	368	329
25°	1892	1418	1112	896	728	635	571	506	448	399	357
22.5°	2724	1987	1437	1076	865	734	635	552	484	435	388
20°	4170	2772	1926	1408	1073	849	714	612	536	474	420
17.5°	6423	4343	2564	1829	1353	1032	819	683	588	513	451
15°	9019	6112	3822	2441	1669	1184	914	750	642	554	483
12.5°	11646	7940	4914	2938	1937	1354	1027	831	697	591	509
10°	13727	9574	6052	3656	2278	1527	1126	891	734	620	531
7.5°	15868	10915	7011	4194	2563	1672	1202	939	765	644	551
5°	17431	12003	7827	4616	2786	1784	1261	978	789	663	567
2.5°	18500	12746	8378	4875	2934	1863	1307	1007	813	676	577
0°	18994	13098	8634	5059	3016	1911	1342	1027	832	684	584
-2.5°	18879	13077	8478	4995	3021	1936	1355	1031	837	693	591
-5°	18123	12608	8202	4863	2944	1923	1359	1034	838	698	593
-7.5°	17067	11780	7582	4537	2790	1872	1349	1033	837	700	596
-10°	15424	10487	6728	4095	2581	1782	1313	1016	828	697	595
-12.5°	13396	9025	5722	3433	2292	1648	1247	983	812	687	590
-15°	11029	7489	4791	3031	2057	1510	1169	940	791	671	581
-17.5°	8690	5860	3679	2495	1815	1391	1109	911	769	657	572
-20°	6388	4259	2968	2109	1580	1248	1033	870	743	643	565

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REPORT NUMBER: P627404 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4430	3216	2308	1730	1396	1148	965	825	710	626	553
-25°	3191	2390	1849	1504	1236	1040	902	785	688	608	539
-27.5°	2345	1853	1556	1295	1097	963	847	745	661	588	525
-30°	1807	1543	1317	1126	998	888	796	711	634	566	509
-32.5°	1466	1301	1133	1014	911	825	747	674	605	546	491
-35°	1247	1124	1012	921	840	768	699	637	578	523	469
-37.5°	1090	993	916	843	778	716	658	604	551	498	449
-40°	973	898	836	777	723	672	624	574	524	472	428
-42.5°	885	827	769	721	675	634	592	546	498	450	409
-45°	813	763	713	673	636	599	562	518	473	431	391
-47.5°	749	709	669	631	597	563	530	491	451	411	370
-50°	694	659	624	590	561	531	498	465	426	386	349
-52.5°	642	614	587	559	530	499	468	434	397	363	331
-55°	601	577	551	523	496	469	438	404	372	341	308
-57.5°	561	538	514	491	469	440	409	378	346	314	282
-60°	519	498	476	454	432	407	375	345	315	286	255
-62.5°	467	448	429	408	387	364	336	308	282	257	229
-65°	410	392	375	357	336	313	289	268	247	227	202
-67.5°	355	340	322	304	285	266	248	230	212	193	170
-70°	305	291	276	259	243	226	210	193	176	158	141
-72.5°	258	246	233	219	203	188	174	159	144	129	115
-75°	212	202	192	179	166	153	141	129	117	106	94
-77.5°	166	159	150	140	131	122	112	102	92	83	73
-80°	124	118	112	105	98	91	83	75	67	60	53
-82.5°	85	82	79	73	67	62	56	51	45	40	35
-85°	51	49	47	43	40	36	32	29	26	22	19
-87.5°	20	19	19	18	16	14	13	11	10	9	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627404 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	1	0	0	0
60°	3	2	1	1	1	0	0	1	1	0	0
57.5°	9	6	4	3	3	1	1	2	2	1	0
55°	17	13	8	4	4	3	2	2	3	2	0
52.5°	34	23	15	8	5	5	3	2	4	4	2
50°	54	38	26	17	7	6	5	4	4	5	3
47.5°	80	58	40	27	16	8	7	5	4	5	4
45°	101	83	58	40	26	15	10	5	5	5	5
42.5°	123	105	81	53	38	24	14	8	5	5	5
40°	148	126	103	74	50	31	21	13	5	6	5
37.5°	175	149	123	94	65	43	27	17	8	6	5
35°	202	174	143	112	82	56	33	23	13	8	5
32.5°	228	197	163	130	97	68	42	29	18	10	5
30°	258	218	181	147	112	81	54	35	22	12	6
27.5°	287	238	199	163	127	94	66	42	27	15	7
25°	314	262	217	178	142	106	77	49	32	19	9
22.5°	340	287	234	192	158	119	87	59	38	22	11
20°	365	310	252	210	172	133	98	68	44	26	13
17.5°	391	333	275	229	187	145	108	76	49	29	15
15°	417	355	297	247	202	157	117	83	55	32	18
12.5°	440	376	316	263	216	168	126	90	61	35	20
10°	460	394	332	278	229	178	134	96	67	38	23
7.5°	477	411	347	292	241	187	141	102	72	41	26
5°	490	423	358	302	250	196	148	107	76	43	28
2.5°	499	431	367	310	257	204	153	112	81	45	30
0°	505	437	374	316	263	211	158	116	84	47	32
-2.5°	511	442	381	322	269	218	163	119	87	52	32
-5°	514	446	386	327	274	223	167	122	90	56	33
-7.5°	517	449	390	331	277	227	170	124	92	60	33
-10°	517	452	393	334	280	229	171	125	93	62	33
-12.5°	515	453	394	335	281	230	175	128	95	64	34
-15°	511	452	393	335	282	230	177	131	96	65	34
-17.5°	505	450	390	332	280	229	178	132	96	64	35
-20°	500	444	386	327	278	228	177	132	96	63	37

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REPORT NUMBER: P627404 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	493	436	379	322	274	226	176	130	95	62	38
-25°	482	426	370	318	270	224	173	126	93	60	39
-27.5°	469	414	362	312	266	220	169	124	90	58	39
-30°	454	403	353	305	259	213	163	120	87	58	39
-32.5°	438	392	344	296	251	205	155	115	84	57	39
-35°	423	379	333	285	241	196	148	109	81	57	38
-37.5°	405	364	319	273	231	186	144	106	77	55	37
-40°	389	348	302	261	221	176	138	103	75	54	36
-42.5°	372	329	289	250	209	169	132	100	73	52	35
-45°	351	312	276	237	198	161	126	95	69	50	33
-47.5°	332	298	261	223	188	153	119	90	65	48	32
-50°	317	281	244	208	176	143	111	84	62	45	30
-52.5°	297	261	226	193	163	133	103	77	58	42	28
-55°	274	239	206	177	149	121	93	71	53	38	25
-57.5°	249	216	188	162	134	107	84	65	49	35	23
-60°	224	197	171	144	118	95	75	58	44	31	21
-62.5°	202	177	151	126	103	84	66	52	39	28	19
-65°	176	152	130	109	90	72	58	45	34	25	17
-67.5°	148	129	110	92	76	62	50	40	30	22	15
-70°	124	106	91	76	63	52	43	34	26	19	14
-72.5°	101	87	73	61	52	44	36	29	22	16	12
-75°	81	69	59	50	42	36	29	23	18	13	10
-77.5°	63	54	46	39	34	28	22	17	13	11	8
-80°	46	40	35	30	25	21	16	12	10	8	7
-82.5°	31	27	24	22	18	14	11	8	7	5	5
-85°	17	16	14	13	10	8	6	4	4	4	3
-87.5°	7	7	6	6	5	4	3	2	2	2	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: P627404 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	1	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	1	1	0	0	0	0	0
47.5°	2	1	0	0	0	0	0
45°	3	2	0	0	0	0	0
42.5°	4	2	0	0	0	0	0
40°	4	3	0	0	0	0	0
37.5°	5	4	1	0	0	0	0
35°	5	4	1	0	0	0	0
32.5°	5	5	2	0	0	0	0
30°	5	5	2	0	0	0	0
27.5°	5	5	3	0	0	0	0
25°	5	5	3	0	0	0	0
22.5°	5	5	4	0	0	0	0
20°	5	5	4	0	0	0	0
17.5°	6	5	4	0	0	0	0
15°	6	5	5	0	0	0	0
12.5°	7	5	5	0	0	0	0
10°	8	5	5	0	0	0	0
7.5°	8	5	5	0	0	0	0
5°	9	5	5	0	0	0	0
2.5°	10	5	5	0	0	0	0
0°	10	5	5	0	0	0	0
-2.5°	13	6	5	0	0	0	0
-5°	15	6	5	1	0	0	0
-7.5°	16	7	5	1	0	0	0
-10°	18	7	5	1	0	0	0
-12.5°	19	8	5	2	0	0	0
-15°	20	8	5	2	0	0	0
-17.5°	21	8	5	2	0	0	0
-20°	21	8	5	2	0	0	0

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REPORT NUMBER: P627404 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22	8	5	2	0	0	0
-25°	22	9	5	2	0	0	0
-27.5°	22	10	5	2	0	0	0
-30°	22	10	5	2	0	0	0
-32.5°	21	11	6	2	0	0	0
-35°	21	11	6	2	0	0	0
-37.5°	21	11	7	2	0	0	0
-40°	21	11	7	2	0	0	0
-42.5°	21	11	7	1	0	0	0
-45°	20	12	7	1	0	0	0
-47.5°	19	11	6	1	0	0	0
-50°	18	11	6	1	0	0	0
-52.5°	17	11	5	1	0	0	0
-55°	16	10	5	1	0	0	0
-57.5°	15	9	4	1	0	0	0
-60°	14	9	4	1	0	0	0
-62.5°	13	8	4	1	0	0	0
-65°	12	7	4	1	0	0	0
-67.5°	11	7	3	1	0	0	0
-70°	10	6	3	1	0	0	0
-72.5°	9	5	3	1	0	0	0
-75°	8	5	3	1	0	0	0
-77.5°	7	4	2	1	0	0	0
-80°	5	3	2	1	0	0	0
-82.5°	4	3	1	1	0	0	0
-85°	3	2	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)