

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: P627644 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627644 (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-SA5C-740-U-MR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

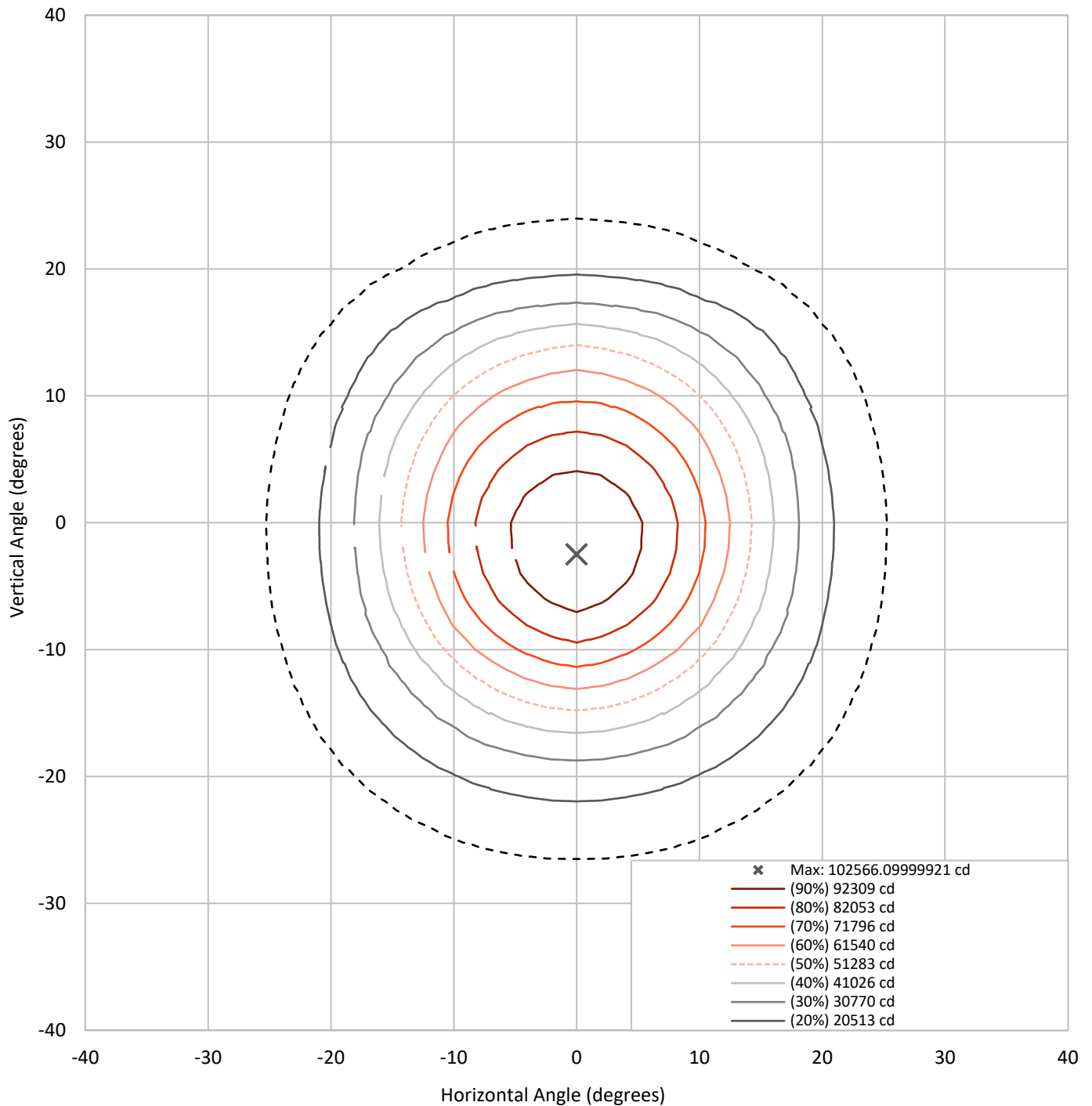
Lumens per Lamp: N/A
Luminaire Lumens: 29090 lumens
Efficiency: N/A
Efficacy: 141.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
NEMA Type: 4H x 4V
Max Intensity: 102566.1 candela
Max Intensity Angle: 0°H x -2.5°V
Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 14545.3 lumens
Beam Efficiency: 50.0%
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 24993.7 lumens
Field Efficiency: 85.9%

Input Watts (W): 206.1
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



REPORT NUMBER: P627644 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-740-U-MR-VSR-XX

Iso-Candela Plot





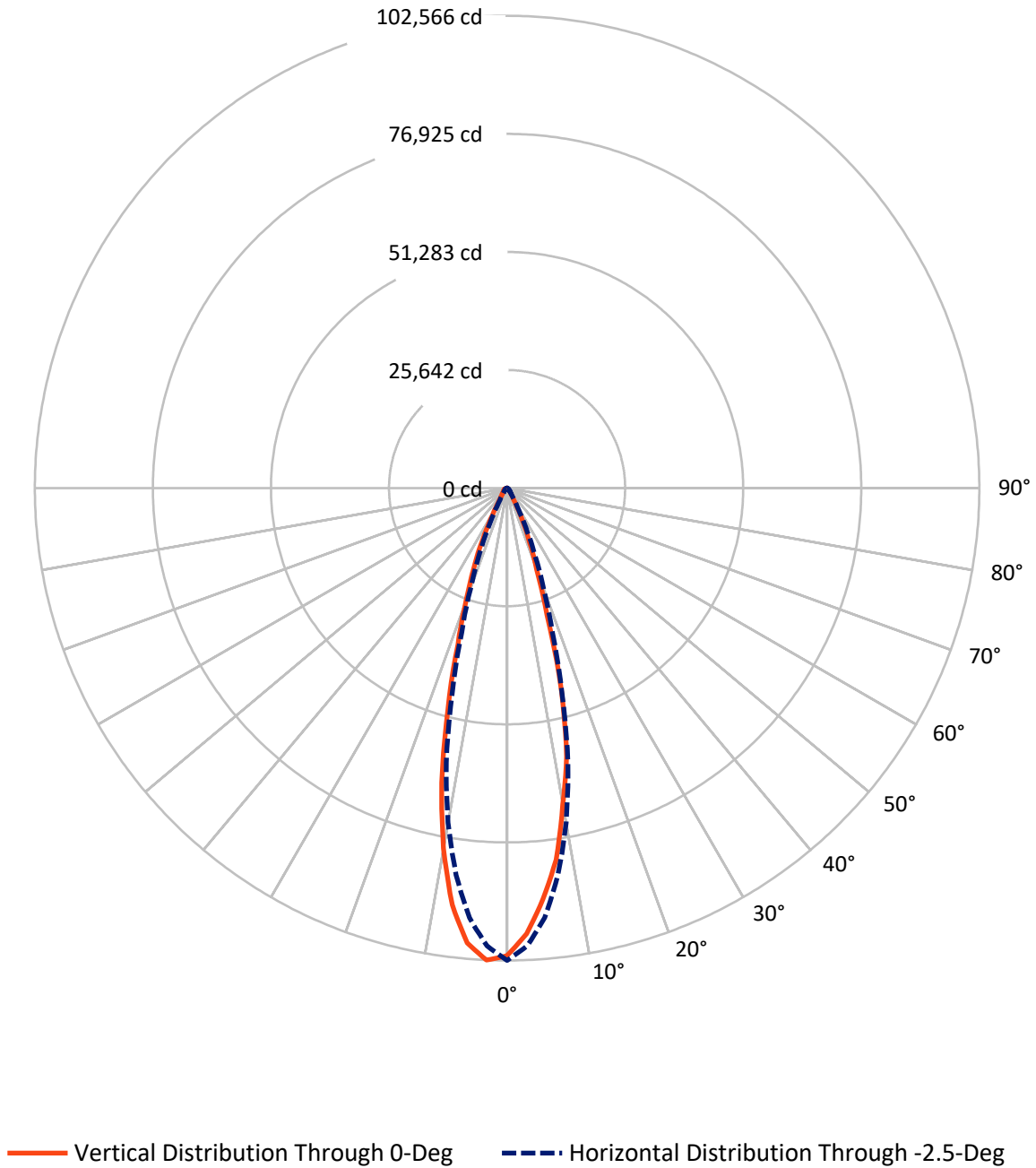
REPORT NUMBER: P627644 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0				
50		0.0	0.2	0.8	2.0	3.3	4.6	5.5	5.5	4.6	3.3	2.0	0.8	0.2	0.0				
40	0.1	0.1	1.0	3.2	6.1	9.4	13.2	15.5	15.5	13.2	9.4	6.1	3.2	1.0	0.1				
30		0.4	2.5	6.2	11.4	18.8	31.4	41.8	41.8	31.4	18.8	11.4	6.2	2.5	0.4				
20	0.2	0.9	3.9	9.5	18.1	43.9	138.1	253.2	253.2	138.1	43.9	18.1	9.5	3.9	0.9				
10		1.4	5.4	12.9	30.9	151.5	616.0	1206.3	1206.3	616.0	151.5	30.9	12.9	5.4	1.4				
0	0.4	1.8	6.6	15.4	44.4	288.8	1243.9	2438.1	2438.1	1243.9	288.8	44.4	15.4	6.6	1.8				
-10		2.1	7.1	16.2	47.4	302.5	1276.4	2585.3	2585.3	1276.4	302.5	47.4	16.2	7.1	2.1				
-20	0.5	2.2	7.3	15.8	39.0	185.8	705.8	1368.1	1368.1	705.8	185.8	39.0	15.8	7.3	2.2				
-30		2.2	6.9	14.5	28.6	72.1	218.6	390.0	390.0	218.6	72.1	28.6	14.5	6.9	2.2				
-40	0.5	1.9	6.2	12.5	21.7	35.6	58.1	77.8	77.8	58.1	35.6	21.7	12.5	6.2	1.9				
-50		1.6	5.1	10.4	17.1	24.5	32.3	36.2	36.2	32.3	24.5	17.1	10.4	5.1	1.6				
-60	0.3	1.2	3.9	8.1	13.4	18.6	23.3	25.4	25.4	23.3	18.6	13.4	8.1	3.9	1.2				
-70		0.8	2.4	5.3	8.9	12.7	15.9	17.6	17.6	15.9	12.7	8.9	5.3	2.4	0.8				
-80	0.1	1.9	8.6	18.6	23.5	18.6	8.6	1.9	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

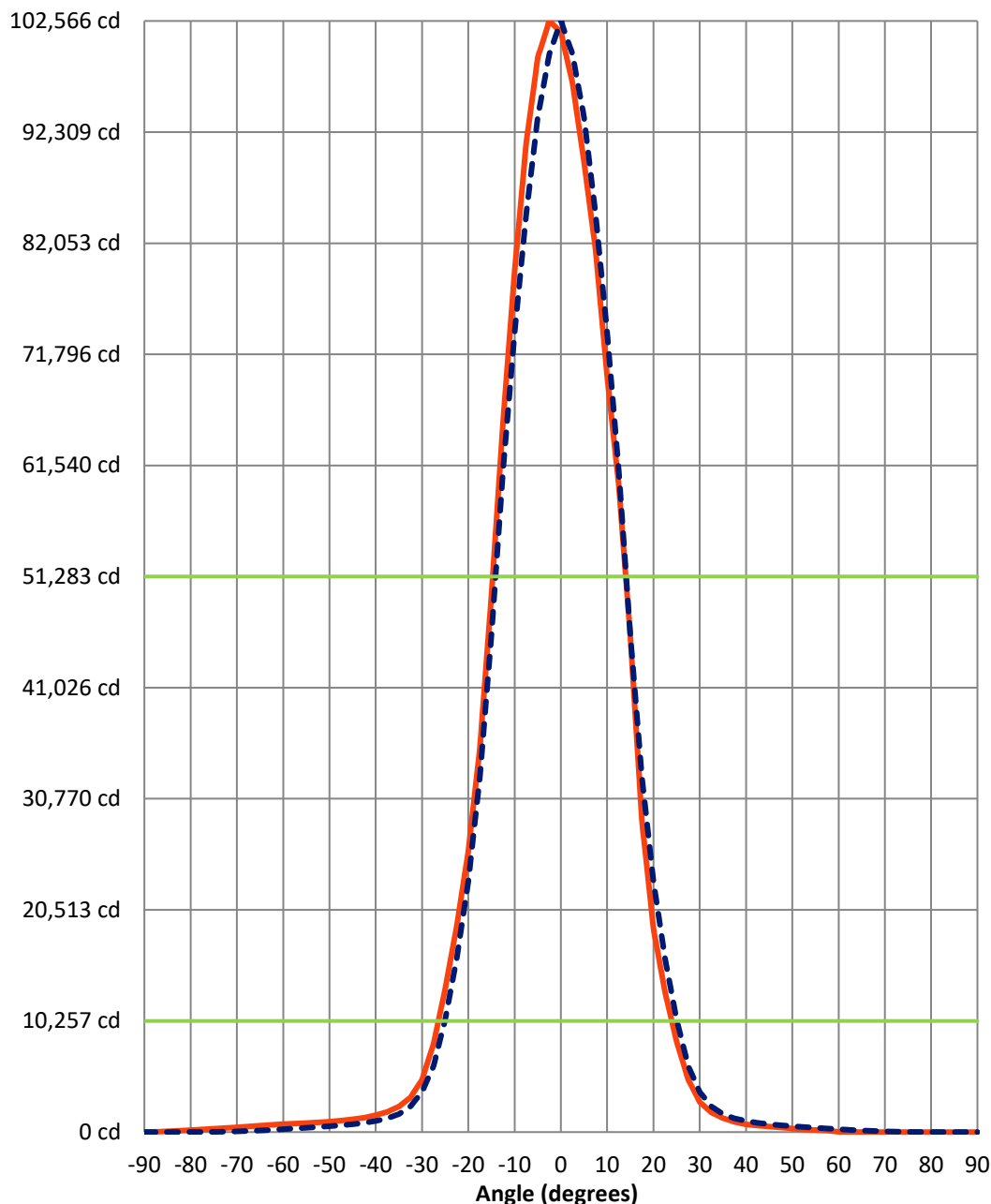
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 14545.3
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 24993.7
 Efficiency: 85.9%

Spill:
 Lumens: 4096.3
 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	2
57.5°	0	0	0	0	0	0	0	0	1	3	2
55°	0	0	0	0	0	0	1	0	3	4	3
52.5°	0	0	0	0	0	0	1	2	5	4	3
50°	0	0	0	0	0	1	2	3	6	5	4
47.5°	0	0	0	0	0	1	3	5	6	5	6
45°	0	0	0	0	0	2	4	6	7	6	6
42.5°	0	0	0	0	0	3	4	7	7	6	10
40°	0	0	0	0	0	4	5	7	7	7	15
37.5°	0	0	0	0	1	5	6	7	8	9	21
35°	0	0	0	0	2	5	6	7	10	16	28
32.5°	0	0	0	0	2	6	7	7	12	22	35
30°	0	0	0	0	3	6	7	7	15	27	43
27.5°	0	0	0	0	4	6	7	9	18	33	51
25°	0	0	0	0	4	6	7	11	23	39	61
22.5°	0	0	0	0	5	7	7	14	27	46	72
20°	0	0	0	0	5	7	7	16	31	53	83
17.5°	0	0	0	0	5	7	7	19	35	61	93
15°	0	0	0	0	6	7	8	22	39	68	102
12.5°	0	0	0	0	6	7	8	25	43	75	110
10°	0	0	0	0	6	7	9	28	46	82	118
7.5°	0	0	0	0	6	7	10	31	50	88	125
5°	0	0	0	0	6	7	11	34	53	94	131
2.5°	0	0	0	0	6	7	12	36	56	99	137
0°	0	0	0	0	7	7	13	39	58	103	142
-2.5°	0	0	0	0	6	7	15	40	64	107	146
-5°	0	0	0	1	6	8	18	40	69	110	150
-7.5°	0	0	0	1	6	9	20	41	73	112	152
-10°	0	0	0	2	6	9	22	41	77	114	154
-12.5°	0	0	0	2	6	10	24	41	79	116	157
-15°	0	0	0	2	6	10	25	41	79	118	160
-17.5°	0	0	0	3	6	10	26	43	78	118	162
-20°	0	0	0	3	6	10	26	45	77	118	161

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REPORT NUMBER: P627644 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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	3	6	10	27	47	76	117	159
-25°	0	0	0	3	6	11	27	48	74	114	155
-27.5°	0	0	0	3	6	12	27	48	71	111	152
-30°	0	0	0	3	7	13	27	48	71	107	147
-32.5°	0	0	0	3	7	13	26	48	70	103	141
-35°	0	0	0	3	8	13	26	47	70	99	134
-37.5°	0	0	0	2	8	13	26	46	68	95	130
-40°	0	0	0	2	9	14	26	44	66	92	127
-42.5°	0	0	0	1	8	14	25	43	63	89	122
-45°	0	0	0	1	8	14	24	41	61	85	116
-47.5°	0	0	0	1	8	14	23	39	58	80	110
-50°	0	0	0	1	7	14	22	37	55	76	103
-52.5°	0	0	0	1	7	13	21	34	51	71	94
-55°	0	0	0	1	6	12	20	31	47	66	87
-57.5°	0	0	0	1	5	12	18	28	43	60	80
-60°	0	0	0	1	5	11	17	26	38	54	71
-62.5°	0	0	0	1	5	10	16	23	34	47	64
-65°	0	0	0	1	4	9	14	21	31	42	56
-67.5°	0	0	0	1	4	8	13	19	26	37	49
-70°	0	0	0	1	4	7	12	17	23	32	42
-72.5°	0	0	0	1	4	7	11	15	20	27	35
-75°	0	0	0	1	3	6	9	13	16	21	28
-77.5°	0	0	0	1	3	5	8	10	13	16	21
-80°	0	0	0	1	2	4	7	8	10	12	15
-82.5°	0	0	0	1	2	3	5	6	7	8	10
-85°	0	0	0	0	1	2	3	4	4	5	5
-87.5°	0	0	0	0	1	1	2	2	2	2	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA5C-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	1	2	2
60°	0	0	1	2	1	3	4	5	6	6	13
57.5°	1	1	3	4	5	7	10	12	20	29	36
55°	2	4	5	6	9	15	21	32	43	56	68
52.5°	4	7	6	10	19	28	41	57	73	86	97
50°	6	8	9	21	32	47	67	88	103	115	133
47.5°	9	10	20	33	50	72	98	116	130	154	180
45°	12	19	32	49	71	102	124	141	167	194	222
42.5°	17	29	46	65	99	128	150	175	202	233	262
40°	25	39	62	91	126	154	182	209	238	273	305
37.5°	33	53	79	116	151	183	214	246	280	318	355
35°	41	68	100	138	175	213	248	284	326	368	410
32.5°	52	84	119	160	200	241	280	327	371	416	468
30°	66	100	137	181	222	267	316	368	412	463	518
27.5°	81	115	156	201	244	292	352	404	452	507	567
25°	94	130	174	219	266	322	385	438	489	550	621
22.5°	107	146	193	235	288	352	417	476	534	594	677
20°	120	163	212	257	309	380	448	515	582	658	751
17.5°	132	178	230	281	338	408	480	554	629	722	837
15°	144	193	247	302	364	436	512	593	680	788	921
12.5°	155	206	264	323	387	461	540	624	725	855	1019
10°	164	218	281	341	408	484	564	652	760	900	1093
7.5°	173	229	296	358	425	504	585	676	790	938	1152
5°	181	240	307	370	439	519	602	696	814	968	1199
2.5°	188	250	316	380	450	529	612	708	830	997	1236
0°	194	258	323	387	458	536	620	717	839	1020	1259
-2.5°	200	267	330	396	467	543	627	724	851	1027	1265
-5°	205	273	336	402	474	547	631	728	856	1028	1268
-7.5°	208	278	340	406	478	551	634	731	859	1027	1267
-10°	210	281	343	410	482	554	634	730	855	1016	1246
-12.5°	214	282	345	411	484	556	632	724	842	996	1206
-15°	217	282	345	410	482	555	627	712	824	971	1154
-17.5°	218	281	344	407	479	552	620	701	806	943	1118
-20°	218	280	341	401	473	545	613	693	789	911	1068

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CATALOG NUMBER: GFLD-SA5C-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°	216	278	336	395	464	535	604	679	768	871	1012
-25°	213	274	331	390	454	522	592	661	746	844	963
-27.5°	207	269	326	383	444	508	576	644	721	811	914
-30°	199	261	318	374	434	494	557	625	694	778	872
-32.5°	190	252	307	363	422	480	537	602	670	742	827
-35°	182	241	296	350	409	465	518	576	642	710	781
-37.5°	176	229	284	335	391	447	497	551	610	676	741
-40°	169	216	271	321	371	427	477	525	579	642	705
-42.5°	162	208	257	306	354	404	456	502	552	611	670
-45°	155	198	243	291	338	383	431	480	529	580	636
-47.5°	146	187	231	273	320	365	407	454	504	553	602
-50°	137	176	216	256	299	345	388	428	474	523	570
-52.5°	126	163	200	236	277	320	365	406	445	487	533
-55°	114	148	183	217	253	293	336	378	419	456	496
-57.5°	103	131	165	198	231	265	306	346	385	424	463
-60°	92	116	145	177	210	241	275	313	350	387	423
-62.5°	81	103	127	154	185	217	248	281	315	346	377
-65°	72	89	110	133	159	187	216	248	278	304	328
-67.5°	61	76	93	112	135	158	181	209	237	261	283
-70°	53	64	77	94	111	131	152	173	194	215	237
-72.5°	44	54	64	74	90	107	124	141	159	177	195
-75°	36	44	52	61	72	85	100	115	130	144	158
-77.5°	28	34	41	48	56	66	77	89	101	113	125
-80°	20	25	31	37	43	49	57	64	73	82	92
-82.5°	13	18	22	27	30	34	38	42	49	55	62
-85°	7	10	13	16	17	19	21	24	27	31	36
-87.5°	4	5	6	7	8	8	9	9	11	12	14
-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	2	1	1	0	0
62.5°	2	3	5	7	7	8	8	9	9	9	9
60°	16	16	24	30	29	22	32	36	35	30	29
57.5°	45	56	65	68	76	90	94	92	94	98	110
55°	79	88	94	107	121	133	143	149	157	165	175
52.5°	108	123	133	147	164	175	179	197	213	225	233
50°	153	169	186	204	221	236	249	267	288	311	324
47.5°	202	221	244	270	288	303	320	344	373	400	416
45°	246	269	297	322	343	364	389	419	449	475	495
42.5°	286	313	341	370	389	421	456	487	524	558	583
40°	333	358	401	430	456	490	541	586	630	671	697
37.5°	389	432	477	513	547	590	661	730	785	841	880
35°	455	506	563	602	654	733	821	917	1014	1091	1160
32.5°	518	575	632	696	774	887	997	1151	1294	1440	1577
30°	575	639	709	790	917	1073	1254	1489	1744	1999	2290
27.5°	635	705	789	918	1110	1323	1656	2027	2555	2981	3666
25°	700	779	893	1099	1364	1739	2320	2982	4076	5010	6063
22.5°	779	900	1061	1319	1762	2437	3341	4783	6462	8022	9509
20°	876	1041	1316	1727	2362	3401	5115	7301	9636	11918	14126
17.5°	1004	1267	1659	2244	3145	5327	7879	11002	15001	18005	20852
15°	1122	1453	2047	2994	4689	7498	11063	15847	21230	25757	30877
12.5°	1260	1661	2376	3605	6028	9740	14286	19990	26361	33232	41252
10°	1381	1873	2794	4485	7424	11745	16839	23535	31718	41440	51576
7.5°	1474	2051	3144	5145	8600	13389	19465	27610	37974	49336	60896
5°	1546	2188	3418	5662	9601	14724	21383	30833	42647	55689	67184
2.5°	1603	2285	3599	5980	10277	15636	22694	32547	45506	59836	71905
0°	1647	2344	3700	6206	10591	16067	23300	33239	46846	61868	74280
-2.5°	1662	2375	3705	6128	10400	16041	23159	32815	45922	61061	73776
-5°	1668	2359	3612	5965	10061	15466	22231	31203	43099	57299	70185
-7.5°	1655	2296	3422	5565	9300	14450	20937	28811	38562	51082	64400
-10°	1611	2186	3166	5023	8253	12865	18920	25574	33363	43584	54377
-12.5°	1530	2022	2812	4211	7020	11071	16434	22315	28386	35103	43980
-15°	1434	1853	2523	3719	5878	9186	13529	18496	23535	28678	34094
-17.5°	1360	1706	2226	3061	4513	7188	10661	14653	18740	22825	26472
-20°	1267	1531	1938	2587	3641	5224	7836	10942	13996	17327	20122

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REPORT NUMBER: P627644 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	1184	1409	1713	2122	2831	3945	5434	7621	9942	12361	14656
-25°	1106	1275	1517	1845	2269	2932	3915	5058	6687	8175	9879
-27.5°	1039	1182	1346	1589	1909	2273	2876	3543	4397	5107	6244
-30°	976	1089	1225	1381	1616	1893	2217	2621	3039	3458	4003
-32.5°	916	1012	1117	1244	1389	1597	1798	2057	2286	2538	2798
-35°	858	942	1030	1130	1242	1378	1529	1701	1853	2005	2141
-37.5°	808	878	955	1034	1123	1218	1337	1458	1560	1659	1743
-40°	765	824	887	953	1025	1102	1194	1283	1352	1416	1470
-42.5°	726	778	828	884	943	1014	1086	1154	1201	1246	1281
-45°	690	734	780	826	875	936	997	1051	1088	1121	1147
-47.5°	650	691	732	774	821	870	919	959	992	1020	1040
-50°	612	652	689	723	766	809	852	886	915	939	953
-52.5°	574	612	650	686	720	754	787	819	849	875	884
-55°	537	575	609	642	675	708	738	766	792	817	824
-57.5°	501	540	575	602	631	659	689	716	741	764	772
-60°	460	499	530	557	584	611	636	661	686	708	718
-62.5°	412	447	475	501	526	550	573	595	618	636	646
-65°	354	384	412	437	460	481	503	523	542	556	565
-67.5°	304	327	350	373	396	417	436	454	471	483	490
-70°	257	277	298	318	338	357	374	390	405	416	424
-72.5°	213	231	249	268	286	302	316	330	344	353	360
-75°	173	188	204	220	235	248	260	271	282	290	297
-77.5°	138	149	160	172	184	195	204	213	222	228	234
-80°	102	111	120	129	137	144	152	159	166	172	177
-82.5°	69	76	83	90	97	101	105	108	111	116	120
-85°	40	44	48	53	57	60	63	65	68	70	73
-87.5°	16	18	20	21	23	24	24	25	25	27	29
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627644 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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	1	1
62.5°	8	7	6	6	6	7	8	9	9	9	9
60°	28	26	26	26	26	26	28	29	30	35	36
57.5°	120	129	134	136	134	129	120	110	98	94	92
55°	183	189	190	187	190	189	183	175	165	157	149
52.5°	237	237	236	233	236	237	237	233	225	213	197
50°	328	327	328	329	328	327	328	324	311	288	267
47.5°	423	427	429	426	429	427	423	416	400	373	344
45°	505	511	513	510	513	511	505	495	475	449	419
42.5°	593	597	599	601	599	597	593	583	558	524	487
40°	709	713	712	710	712	713	709	697	671	630	586
37.5°	906	920	926	943	926	920	906	880	841	785	730
35°	1213	1246	1264	1292	1264	1246	1213	1160	1091	1014	917
32.5°	1676	1743	1779	1815	1779	1743	1676	1577	1440	1294	1151
30°	2491	2624	2678	2777	2678	2624	2491	2290	1999	1744	1489
27.5°	4169	4485	4610	4869	4610	4485	4169	3666	2981	2555	2027
25°	7023	7704	8079	8376	8079	7704	7023	6063	5010	4076	2982
22.5°	11010	12008	12541	12935	12541	12008	11010	9509	8022	6462	4783
20°	16126	17443	18229	18799	18229	17443	16126	14126	11918	9636	7301
17.5°	24509	26579	27789	28829	27789	26579	24509	20852	18005	15001	11002
15°	36589	40748	43980	45781	43980	40748	36589	30877	25757	21230	15847
12.5°	48341	54433	58052	59717	58052	54433	48341	41252	33232	26361	19990
10°	59964	65708	69151	69759	69151	65708	59964	51576	41440	31718	23535
7.5°	68861	75178	79754	81416	79754	75178	68861	60896	49336	37974	27610
5°	76720	84116	88959	89573	88959	84116	76720	67184	55689	42647	30833
2.5°	82501	90542	95237	96851	95237	90542	82501	71905	59836	45506	32547
0°	85297	93957	99182	101533	99182	93957	85297	74280	61868	46846	33239
-2.5°	84709	93666	99498	102566	99498	93666	84709	73776	61061	45922	32815
-5°	81488	90471	95909	99169	95909	90471	81488	70185	57299	43099	31203
-7.5°	74061	82461	88250	91258	88250	82461	74061	64400	51082	38562	28811
-10°	64490	71600	76876	79440	76876	71600	64490	54377	43584	33363	25574
-12.5°	52053	58950	63710	65523	63710	58950	52053	43980	35103	28386	22315
-15°	39882	45146	48527	49598	48527	45146	39882	34094	28678	23535	18496
-17.5°	30245	33079	34981	35493	34981	33079	30245	26472	22825	18740	14653
-20°	22659	24415	25649	25942	25649	24415	22659	20122	17327	13996	10942

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REPORT NUMBER: P627644 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	16510	17830	18827	19025	18827	17830	16510	14656	12361	9942	7621
-25°	11388	12492	13169	13220	13169	12492	11388	9879	8175	6687	5058
-27.5°	7140	7746	8059	8169	8059	7746	7140	6244	5107	4397	3543
-30°	4412	4692	4839	4844	4839	4692	4412	4003	3458	3039	2621
-32.5°	2995	3130	3204	3203	3204	3130	2995	2798	2538	2286	2057
-35°	2244	2313	2353	2357	2353	2313	2244	2141	2005	1853	1701
-37.5°	1804	1843	1863	1866	1863	1843	1804	1743	1659	1560	1458
-40°	1509	1535	1552	1563	1552	1535	1509	1470	1416	1352	1283
-42.5°	1305	1322	1330	1324	1330	1322	1305	1281	1246	1201	1154
-45°	1162	1173	1179	1182	1179	1173	1162	1147	1121	1088	1051
-47.5°	1049	1054	1057	1059	1057	1054	1049	1040	1020	992	959
-50°	960	964	965	962	965	964	960	953	939	915	886
-52.5°	888	889	890	891	890	889	888	884	875	849	819
-55°	829	831	832	833	832	831	829	824	817	792	766
-57.5°	779	784	785	781	785	784	779	772	764	741	716
-60°	726	732	735	736	735	732	726	718	708	686	661
-62.5°	654	661	664	665	664	661	654	646	636	618	595
-65°	572	578	586	594	586	578	572	565	556	542	523
-67.5°	496	501	509	517	509	501	496	490	483	471	454
-70°	431	437	439	439	439	437	431	424	416	405	390
-72.5°	367	373	374	375	374	373	367	360	353	344	330
-75°	303	308	310	310	310	308	303	297	290	282	271
-77.5°	239	244	245	245	245	244	239	234	228	222	213
-80°	182	186	184	181	184	186	182	177	172	166	159
-82.5°	125	129	126	123	126	129	125	120	116	111	108
-85°	75	77	74	71	74	77	75	73	70	68	65
-87.5°	30	32	29	26	29	32	30	29	27	25	25
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627644 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	2	1	0	0	0	0	0	0	0	0	0
62.5°	8	8	7	7	5	3	2	2	2	1	1
60°	32	22	29	30	24	16	16	13	6	6	5
57.5°	94	90	76	68	65	56	45	36	29	20	12
55°	143	133	121	107	94	88	79	68	56	43	32
52.5°	179	175	164	147	133	123	108	97	86	73	57
50°	249	236	221	204	186	169	153	133	115	103	88
47.5°	320	303	288	270	244	221	202	180	154	130	116
45°	389	364	343	322	297	269	246	222	194	167	141
42.5°	456	421	389	370	341	313	286	262	233	202	175
40°	541	490	456	430	401	358	333	305	273	238	209
37.5°	661	590	547	513	477	432	389	355	318	280	246
35°	821	733	654	602	563	506	455	410	368	326	284
32.5°	997	887	774	696	632	575	518	468	416	371	327
30°	1254	1073	917	790	709	639	575	518	463	412	368
27.5°	1656	1323	1110	918	789	705	635	567	507	452	404
25°	2320	1739	1364	1099	893	779	700	621	550	489	438
22.5°	3341	2437	1762	1319	1061	900	779	677	594	534	476
20°	5115	3401	2362	1727	1316	1041	876	751	658	582	515
17.5°	7879	5327	3145	2244	1659	1267	1004	837	722	629	554
15°	11063	7498	4689	2994	2047	1453	1122	921	788	680	593
12.5°	14286	9740	6028	3605	2376	1661	1260	1019	855	725	624
10°	16839	11745	7424	4485	2794	1873	1381	1093	900	760	652
7.5°	19465	13389	8600	5145	3144	2051	1474	1152	938	790	676
5°	21383	14724	9601	5662	3418	2188	1546	1199	968	814	696
2.5°	22694	15636	10277	5980	3599	2285	1603	1236	997	830	708
0°	23300	16067	10591	6206	3700	2344	1647	1259	1020	839	717
-2.5°	23159	16041	10400	6128	3705	2375	1662	1265	1027	851	724
-5°	22231	15466	10061	5965	3612	2359	1668	1268	1028	856	728
-7.5°	20937	14450	9300	5565	3422	2296	1655	1267	1027	859	731
-10°	18920	12865	8253	5023	3166	2186	1611	1246	1016	855	730
-12.5°	16434	11071	7020	4211	2812	2022	1530	1206	996	842	724
-15°	13529	9186	5878	3719	2523	1853	1434	1154	971	824	712
-17.5°	10661	7188	4513	3061	2226	1706	1360	1118	943	806	701
-20°	7836	5224	3641	2587	1938	1531	1267	1068	911	789	693

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REPORT NUMBER: P627644 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	5434	3945	2831	2122	1713	1409	1184	1012	871	768	679
-25°	3915	2932	2269	1845	1517	1275	1106	963	844	746	661
-27.5°	2876	2273	1909	1589	1346	1182	1039	914	811	721	644
-30°	2217	1893	1616	1381	1225	1089	976	872	778	694	625
-32.5°	1798	1597	1389	1244	1117	1012	916	827	742	670	602
-35°	1529	1378	1242	1130	1030	942	858	781	710	642	576
-37.5°	1337	1218	1123	1034	955	878	808	741	676	610	551
-40°	1194	1102	1025	953	887	824	765	705	642	579	525
-42.5°	1086	1014	943	884	828	778	726	670	611	552	502
-45°	997	936	875	826	780	734	690	636	580	529	480
-47.5°	919	870	821	774	732	691	650	602	553	504	454
-50°	852	809	766	723	689	652	612	570	523	474	428
-52.5°	787	754	720	686	650	612	574	533	487	445	406
-55°	738	708	675	642	609	575	537	496	456	419	378
-57.5°	689	659	631	602	575	540	501	463	424	385	346
-60°	636	611	584	557	530	499	460	423	387	350	313
-62.5°	573	550	526	501	475	447	412	377	346	315	281
-65°	503	481	460	437	412	384	354	328	304	278	248
-67.5°	436	417	396	373	350	327	304	283	261	237	209
-70°	374	357	338	318	298	277	257	237	215	194	173
-72.5°	316	302	286	268	249	231	213	195	177	159	141
-75°	260	248	235	220	204	188	173	158	144	130	115
-77.5°	204	195	184	172	160	149	138	125	113	101	89
-80°	152	144	137	129	120	111	102	92	82	73	64
-82.5°	105	101	97	90	83	76	69	62	55	49	42
-85°	63	60	57	53	48	44	40	36	31	27	24
-87.5°	24	24	23	21	20	18	16	14	12	11	9
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627644 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	4	3	1	2	1	0	0	2	1	0	0
57.5°	10	7	5	4	3	1	1	2	3	1	0
55°	21	15	9	6	5	4	2	3	4	3	0
52.5°	41	28	19	10	6	7	4	3	4	5	2
50°	67	47	32	21	9	8	6	4	5	6	3
47.5°	98	72	50	33	20	10	9	6	5	6	5
45°	124	102	71	49	32	19	12	6	6	7	6
42.5°	150	128	99	65	46	29	17	10	6	7	7
40°	182	154	126	91	62	39	25	15	7	7	7
37.5°	214	183	151	116	79	53	33	21	9	8	7
35°	248	213	175	138	100	68	41	28	16	10	7
32.5°	280	241	200	160	119	84	52	35	22	12	7
30°	316	267	222	181	137	100	66	43	27	15	7
27.5°	352	292	244	201	156	115	81	51	33	18	9
25°	385	322	266	219	174	130	94	61	39	23	11
22.5°	417	352	288	235	193	146	107	72	46	27	14
20°	448	380	309	257	212	163	120	83	53	31	16
17.5°	480	408	338	281	230	178	132	93	61	35	19
15°	512	436	364	302	247	193	144	102	68	39	22
12.5°	540	461	387	323	264	206	155	110	75	43	25
10°	564	484	408	341	281	218	164	118	82	46	28
7.5°	585	504	425	358	296	229	173	125	88	50	31
5°	602	519	439	370	307	240	181	131	94	53	34
2.5°	612	529	450	380	316	250	188	137	99	56	36
0°	620	536	458	387	323	258	194	142	103	58	39
-2.5°	627	543	467	396	330	267	200	146	107	64	40
-5°	631	547	474	402	336	273	205	150	110	69	40
-7.5°	634	551	478	406	340	278	208	152	112	73	41
-10°	634	554	482	410	343	281	210	154	114	77	41
-12.5°	632	556	484	411	345	282	214	157	116	79	41
-15°	627	555	482	410	345	282	217	160	118	79	41
-17.5°	620	552	479	407	344	281	218	162	118	78	43
-20°	613	545	473	401	341	280	218	161	118	77	45

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Scaled Data Report



REPORT NUMBER: P627644 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	604	535	464	395	336	278	216	159	117	76	47
-25°	592	522	454	390	331	274	213	155	114	74	48
-27.5°	576	508	444	383	326	269	207	152	111	71	48
-30°	557	494	434	374	318	261	199	147	107	71	48
-32.5°	537	480	422	363	307	252	190	141	103	70	48
-35°	518	465	409	350	296	241	182	134	99	70	47
-37.5°	497	447	391	335	284	229	176	130	95	68	46
-40°	477	427	371	321	271	216	169	127	92	66	44
-42.5°	456	404	354	306	257	208	162	122	89	63	43
-45°	431	383	338	291	243	198	155	116	85	61	41
-47.5°	407	365	320	273	231	187	146	110	80	58	39
-50°	388	345	299	256	216	176	137	103	76	55	37
-52.5°	365	320	277	236	200	163	126	94	71	51	34
-55°	336	293	253	217	183	148	114	87	66	47	31
-57.5°	306	265	231	198	165	131	103	80	60	43	28
-60°	275	241	210	177	145	116	92	71	54	38	26
-62.5°	248	217	185	154	127	103	81	64	47	34	23
-65°	216	187	159	133	110	89	72	56	42	31	21
-67.5°	181	158	135	112	93	76	61	49	37	26	19
-70°	152	131	111	94	77	64	53	42	32	23	17
-72.5°	124	107	90	74	64	54	44	35	27	20	15
-75°	100	85	72	61	52	44	36	28	21	16	13
-77.5°	77	66	56	48	41	34	28	21	16	13	10
-80°	57	49	43	37	31	25	20	15	12	10	8
-82.5°	38	34	30	27	22	18	13	10	8	7	6
-85°	21	19	17	16	13	10	7	5	5	4	4
-87.5°	9	8	8	7	6	5	4	3	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
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REPORT NUMBER: P627644 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	2	1	0	0	0	0	0
47.5°	3	1	0	0	0	0	0
45°	4	2	0	0	0	0	0
42.5°	4	3	0	0	0	0	0
40°	5	4	0	0	0	0	0
37.5°	6	5	1	0	0	0	0
35°	6	5	2	0	0	0	0
32.5°	7	6	2	0	0	0	0
30°	7	6	3	0	0	0	0
27.5°	7	6	4	0	0	0	0
25°	7	6	4	0	0	0	0
22.5°	7	7	5	0	0	0	0
20°	7	7	5	0	0	0	0
17.5°	7	7	5	0	0	0	0
15°	8	7	6	0	0	0	0
12.5°	8	7	6	0	0	0	0
10°	9	7	6	0	0	0	0
7.5°	10	7	6	0	0	0	0
5°	11	7	6	0	0	0	0
2.5°	12	7	6	0	0	0	0
0°	13	7	7	0	0	0	0
-2.5°	15	7	6	0	0	0	0
-5°	18	8	6	1	0	0	0
-7.5°	20	9	6	1	0	0	0
-10°	22	9	6	2	0	0	0
-12.5°	24	10	6	2	0	0	0
-15°	25	10	6	2	0	0	0
-17.5°	26	10	6	3	0	0	0
-20°	26	10	6	3	0	0	0

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CATALOG NUMBER: GFLD-SA5C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	27	10	6	3	0	0	0
-25°	27	11	6	3	0	0	0
-27.5°	27	12	6	3	0	0	0
-30°	27	13	7	3	0	0	0
-32.5°	26	13	7	3	0	0	0
-35°	26	13	8	3	0	0	0
-37.5°	26	13	8	2	0	0	0
-40°	26	14	9	2	0	0	0
-42.5°	25	14	8	1	0	0	0
-45°	24	14	8	1	0	0	0
-47.5°	23	14	8	1	0	0	0
-50°	22	14	7	1	0	0	0
-52.5°	21	13	7	1	0	0	0
-55°	20	12	6	1	0	0	0
-57.5°	18	12	5	1	0	0	0
-60°	17	11	5	1	0	0	0
-62.5°	16	10	5	1	0	0	0
-65°	14	9	4	1	0	0	0
-67.5°	13	8	4	1	0	0	0
-70°	12	7	4	1	0	0	0
-72.5°	11	7	4	1	0	0	0
-75°	9	6	3	1	0	0	0
-77.5°	8	5	3	1	0	0	0
-80°	7	4	2	1	0	0	0
-82.5°	5	3	2	1	0	0	0
-85°	3	2	1	0	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)