

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: P627604 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627604 (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-722-U-MR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21428.2 lumens
Efficiency: N/A
Efficacy: 104.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
NEMA Type: 4H x 4V
Max Intensity: 75551.9 candela
Max Intensity Angle: 0°H x -2.5°V
Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 10714.3 lumens
Beam Efficiency: 50.0%
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 18410.8 lumens
Field Efficiency: 85.9%

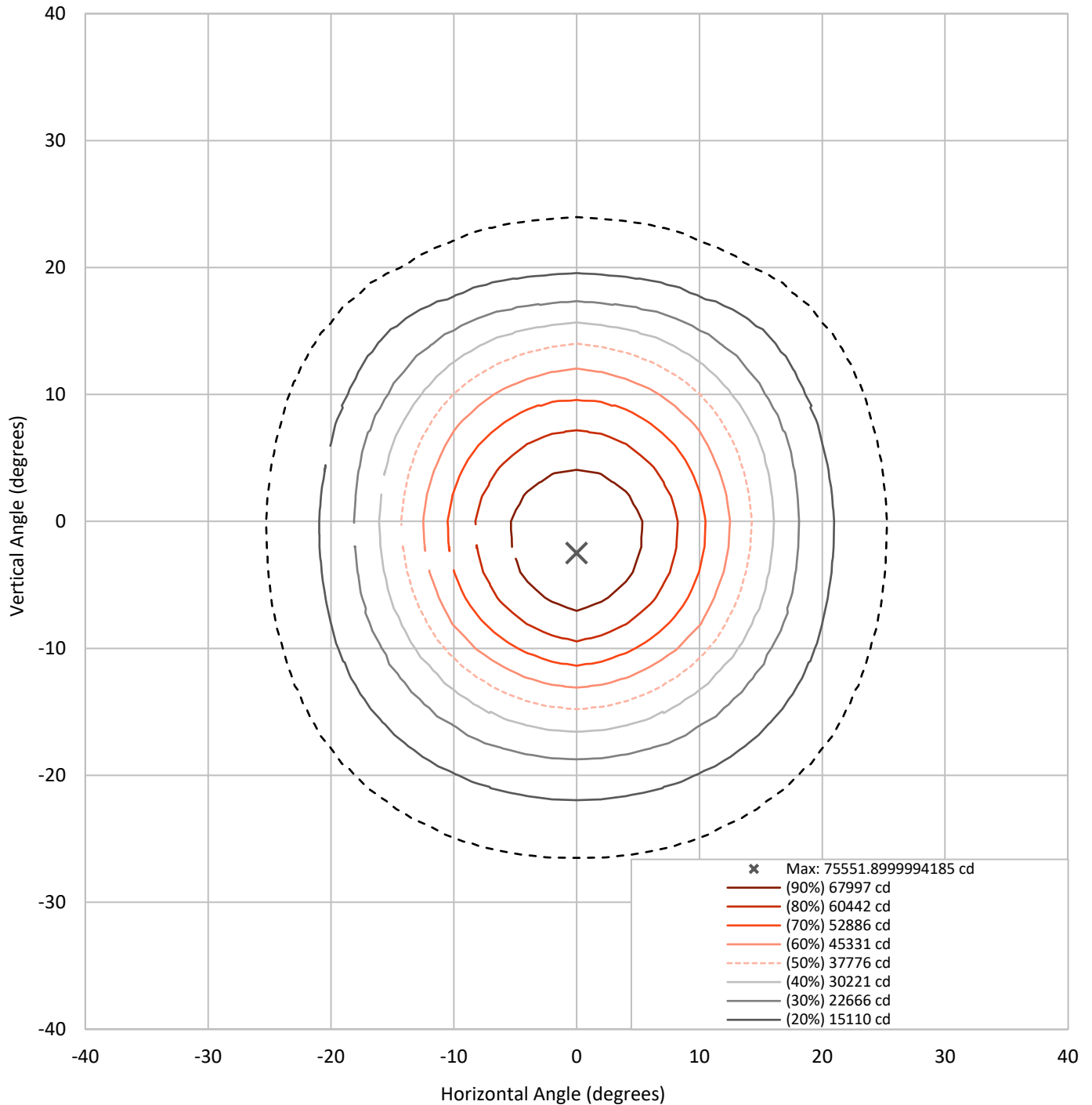
Input Watts (W): 206.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627604 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-U-MR-VSR-XX

Iso-Candela Plot





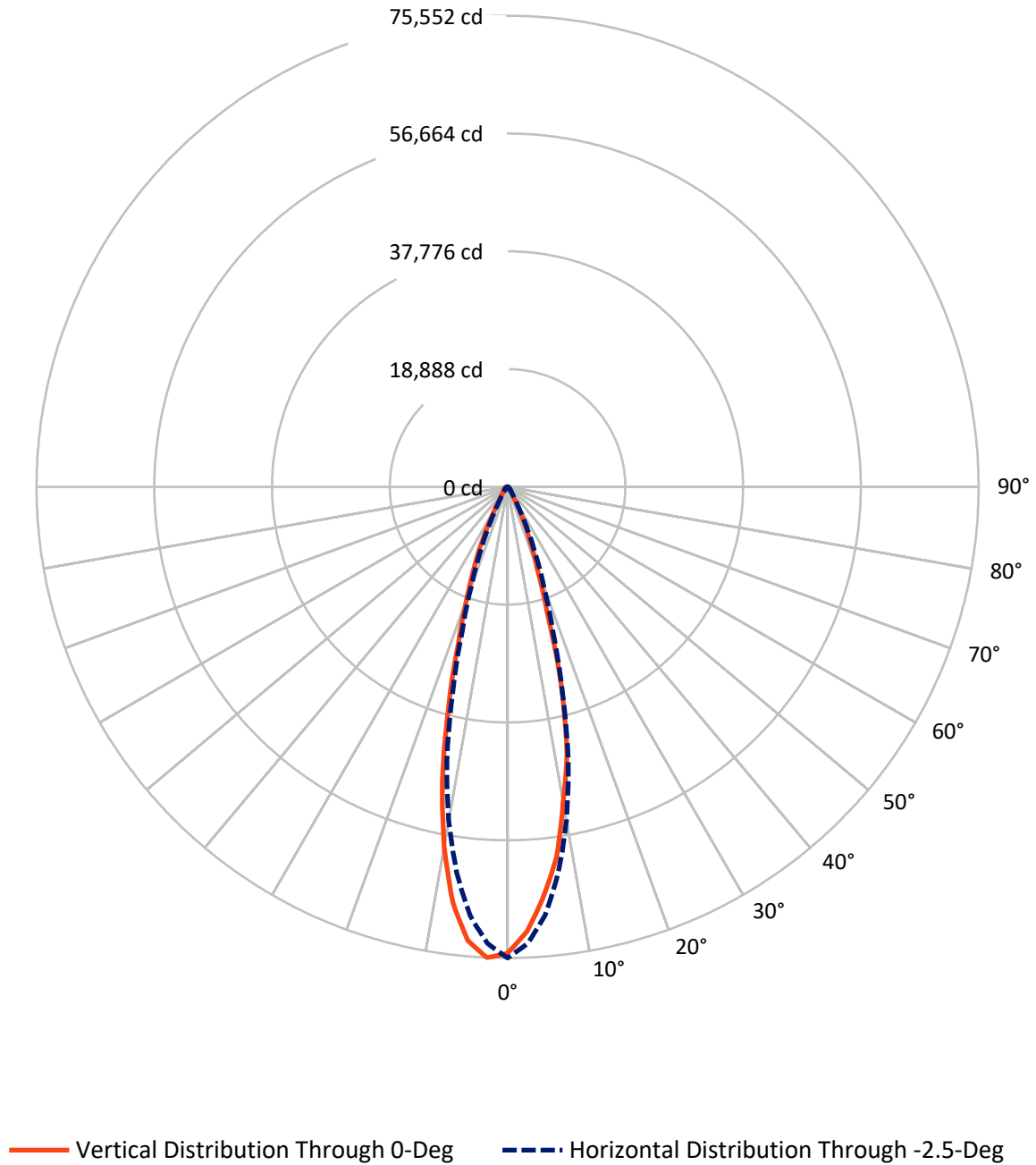
REPORT NUMBER: P627604 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0			
70																			
60	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0			
50		0.0	0.1	0.6	1.5	2.5	3.4	4.0	4.0	3.4	2.5	1.5	0.6	0.1	0.0				
40	0.1	0.1	0.7	2.3	4.5	6.9	9.7	11.4	11.4	9.7	6.9	4.5	2.3	0.7	0.1	0.1			
30		0.3	1.8	4.6	8.4	13.8	23.1	30.8	30.8	23.1	13.8	8.4	4.6	1.8	0.3				
20	0.2	0.7	2.9	7.0	13.3	32.4	101.7	186.5	186.5	101.7	32.4	13.3	7.0	2.9	0.7	0.2			
10		1.1	4.0	9.5	22.8	111.6	453.8	888.5	888.5	453.8	111.6	22.8	9.5	4.0	1.1				
0	0.3	1.4	4.8	11.3	32.7	212.7	916.3	1796.0	1796.0	916.3	212.7	32.7	11.3	4.8	1.4	0.3			
-10		1.6	5.3	12.0	34.9	222.8	940.2	1904.4	1904.4	940.2	222.8	34.9	12.0	5.3	1.6				
-20	0.4	1.6	5.4	11.7	28.7	136.8	519.9	1007.8	1007.8	519.9	136.8	28.7	11.7	5.4	1.6	0.4			
-30		1.6	5.1	10.7	21.1	53.1	161.0	287.3	287.3	161.0	53.1	21.1	10.7	5.1	1.6				
-40	0.4	1.4	4.6	9.2	16.0	26.2	42.8	57.3	57.3	42.8	26.2	16.0	9.2	4.6	1.4	0.4			
-50		1.2	3.8	7.7	12.6	18.1	23.8	26.7	26.7	23.8	18.1	12.6	7.7	3.8	1.2				
-60	0.2	0.9	2.8	6.0	9.9	13.7	17.2	18.7	18.7	17.2	13.7	9.9	6.0	2.8	0.9	0.2			
-70		0.6	1.8	3.9	6.6	9.3	11.7	13.0	13.0	11.7	9.3	6.6	3.9	1.8	0.6				
-80	0.1	1.4		6.3		13.7		17.3		13.7		6.3		1.4		0.1			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

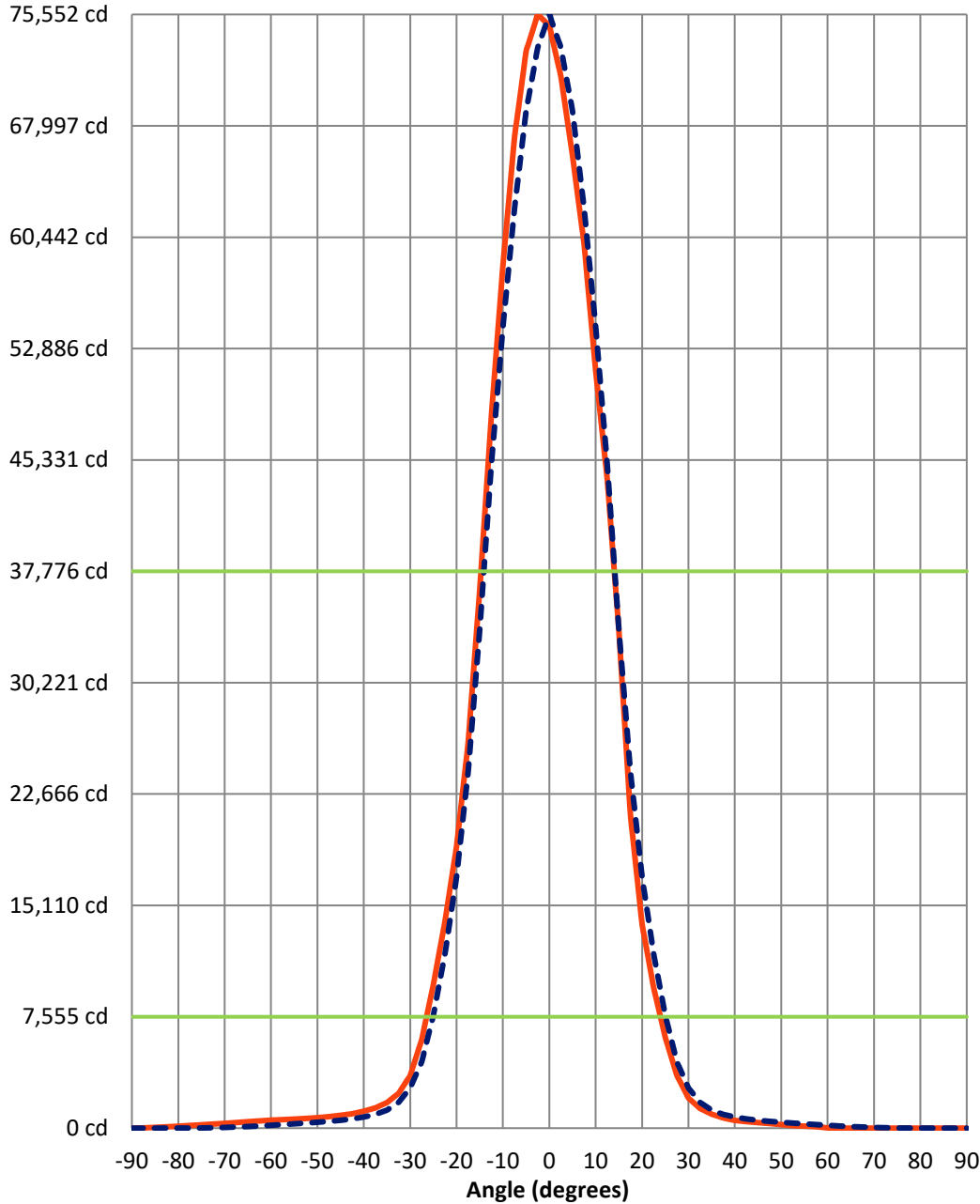
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 10714.3
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 18410.8
 Efficiency: 85.9%

Spill:
 Lumens: 3017.4
 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	1	3	3	2
50°	0	0	0	0	0	1	1	3	5	4	3
47.5°	0	0	0	0	0	1	2	4	5	4	4
45°	0	0	0	0	0	2	3	4	5	4	5
42.5°	0	0	0	0	0	2	3	5	5	5	8
40°	0	0	0	0	0	3	4	5	5	5	11
37.5°	0	0	0	0	1	3	4	5	6	7	16
35°	0	0	0	0	1	4	5	5	7	11	20
32.5°	0	0	0	0	2	4	5	5	9	16	26
30°	0	0	0	0	2	4	5	5	11	20	32
27.5°	0	0	0	0	3	5	5	7	13	24	38
25°	0	0	0	0	3	5	5	8	17	29	45
22.5°	0	0	0	0	3	5	5	10	20	34	53
20°	0	0	0	0	4	5	5	12	23	39	61
17.5°	0	0	0	0	4	5	5	14	26	45	69
15°	0	0	0	0	4	5	6	16	29	50	75
12.5°	0	0	0	0	4	5	6	18	31	55	81
10°	0	0	0	0	5	5	7	21	34	60	87
7.5°	0	0	0	0	5	5	7	23	37	65	92
5°	0	0	0	0	5	5	8	25	39	69	97
2.5°	0	0	0	0	5	5	9	27	41	73	101
0°	0	0	0	0	5	5	9	28	43	76	105
-2.5°	0	0	0	0	5	5	11	29	47	79	108
-5°	0	0	0	1	5	6	13	30	51	81	110
-7.5°	0	0	0	1	5	6	15	30	54	83	112
-10°	0	0	0	1	5	7	16	30	56	84	113
-12.5°	0	0	0	1	5	7	17	30	58	85	116
-15°	0	0	0	2	4	7	18	30	58	87	118
-17.5°	0	0	0	2	4	8	19	32	58	87	119
-20°	0	0	0	2	4	8	19	33	57	87	119

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REPORT NUMBER: P627604 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-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	8	20	34	56	86	117
-25°	0	0	0	2	5	8	20	35	54	84	114
-27.5°	0	0	0	2	5	9	20	36	52	81	112
-30°	0	0	0	2	5	9	20	36	52	79	108
-32.5°	0	0	0	2	5	10	19	35	52	76	104
-35°	0	0	0	2	6	10	19	35	51	73	98
-37.5°	0	0	0	2	6	10	19	34	50	70	96
-40°	0	0	0	1	6	10	19	33	48	68	93
-42.5°	0	0	0	1	6	10	19	31	47	66	90
-45°	0	0	0	1	6	10	18	30	45	63	86
-47.5°	0	0	0	1	6	10	17	29	43	59	81
-50°	0	0	0	1	5	10	16	27	41	56	76
-52.5°	0	0	0	1	5	10	16	25	38	52	69
-55°	0	0	0	1	4	9	15	23	35	48	64
-57.5°	0	0	0	1	4	9	14	21	31	44	59
-60°	0	0	0	1	3	8	12	19	28	40	53
-62.5°	0	0	0	1	3	7	12	17	25	35	47
-65°	0	0	0	1	3	7	11	15	23	31	41
-67.5°	0	0	0	1	3	6	10	14	19	27	36
-70°	0	0	0	1	3	5	9	12	17	23	31
-72.5°	0	0	0	1	3	5	8	11	15	20	26
-75°	0	0	0	1	2	4	7	9	12	16	21
-77.5°	0	0	0	1	2	4	6	8	10	12	15
-80°	0	0	0	1	2	3	5	6	7	9	11
-82.5°	0	0	0	0	1	2	4	4	5	6	7
-85°	0	0	0	0	1	2	2	3	3	4	4
-87.5°	0	0	0	0	0	1	1	1	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627604 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-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	4	5	10
57.5°	1	1	2	3	3	5	8	9	15	22	26
55°	1	3	4	4	7	11	15	24	32	42	50
52.5°	3	5	4	7	14	21	30	42	54	64	72
50°	4	6	6	15	24	35	49	65	76	85	98
47.5°	6	7	14	24	37	53	72	85	96	113	133
45°	9	14	23	36	52	75	92	104	123	143	163
42.5°	12	21	34	48	73	95	111	129	149	171	193
40°	19	28	45	67	93	113	134	154	175	201	225
37.5°	25	39	58	85	111	135	158	181	206	234	261
35°	30	50	74	102	129	157	182	209	240	271	302
32.5°	38	62	88	118	147	178	206	241	273	306	344
30°	49	74	101	133	164	197	233	271	304	341	382
27.5°	59	84	115	148	180	215	259	297	333	373	417
25°	69	96	128	161	196	237	284	323	360	405	457
22.5°	79	107	142	173	212	259	307	351	393	437	499
20°	88	120	156	190	228	280	330	379	428	484	553
17.5°	97	131	169	207	249	301	354	408	463	532	617
15°	106	142	182	223	268	321	377	437	501	581	678
12.5°	114	152	195	238	285	340	397	460	534	630	751
10°	121	161	207	251	300	356	415	480	560	663	805
7.5°	128	169	218	264	313	371	431	498	582	691	848
5°	134	177	226	273	323	382	443	512	599	713	883
2.5°	139	184	233	280	331	390	451	522	611	734	910
0°	143	190	238	285	338	395	457	528	618	752	928
-2.5°	147	197	243	291	344	400	462	534	627	757	932
-5°	151	201	248	296	349	403	465	536	631	757	934
-7.5°	153	205	251	299	352	406	467	539	633	756	933
-10°	155	207	253	302	355	408	467	538	630	748	918
-12.5°	158	208	254	303	356	409	466	533	621	734	888
-15°	160	208	254	302	355	409	462	525	607	715	850
-17.5°	160	207	253	300	353	406	456	517	593	695	823
-20°	160	206	251	296	348	402	452	510	581	671	787

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CATALOG NUMBER: GFLD-SA5C-722-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°	159	204	248	291	342	394	445	500	566	642	745
-25°	157	202	244	287	335	385	436	487	550	622	710
-27.5°	153	198	240	282	327	374	424	474	531	598	673
-30°	147	192	234	276	319	364	410	460	512	573	642
-32.5°	140	186	226	268	311	354	395	443	494	546	609
-35°	134	177	218	258	301	342	382	424	473	523	575
-37.5°	130	168	209	247	288	329	366	406	450	498	546
-40°	125	159	199	236	273	314	352	387	426	473	519
-42.5°	119	153	189	226	261	298	336	370	407	450	493
-45°	114	146	179	214	249	282	318	354	390	427	468
-47.5°	108	138	170	201	236	269	300	335	372	407	443
-50°	101	130	159	188	220	254	286	316	349	385	420
-52.5°	93	120	147	174	204	236	268	299	328	359	392
-55°	84	109	135	160	186	216	247	278	308	336	365
-57.5°	76	97	121	146	170	195	225	255	284	312	341
-60°	68	86	107	131	155	178	203	230	258	285	312
-62.5°	60	76	93	114	136	160	183	207	232	255	278
-65°	53	65	81	98	117	138	159	182	205	224	242
-67.5°	45	56	69	83	99	116	134	154	174	192	208
-70°	39	47	57	69	82	96	112	127	143	159	175
-72.5°	33	40	47	55	66	79	91	104	117	131	144
-75°	27	32	38	45	53	63	73	85	95	106	117
-77.5°	20	25	30	35	41	49	57	66	75	84	92
-80°	15	19	23	28	32	36	42	47	54	61	68
-82.5°	10	13	16	20	22	25	28	31	36	41	46
-85°	5	7	9	12	13	14	16	17	20	23	26
-87.5°	3	4	4	5	6	6	6	7	8	9	10
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA5C-722-U-MR-VSR-XX

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	4	5	5	6	6	6	7	6	6
60°	12	12	18	22	21	16	23	27	26	22	22
57.5°	33	42	48	50	56	66	69	68	69	72	81
55°	58	65	70	79	89	98	105	110	116	122	129
52.5°	80	91	98	108	121	129	132	145	157	166	171
50°	113	125	137	150	163	174	183	197	212	229	239
47.5°	148	163	179	199	212	223	236	254	275	294	306
45°	182	199	219	237	253	268	287	309	331	350	365
42.5°	211	230	251	273	287	310	336	359	386	411	429
40°	245	264	295	317	336	361	399	432	464	494	513
37.5°	286	318	351	378	403	434	487	538	579	619	648
35°	335	373	415	444	482	540	605	676	747	803	854
32.5°	382	423	466	513	570	653	735	848	953	1060	1161
30°	423	470	522	582	675	791	923	1097	1285	1473	1687
27.5°	468	519	581	676	817	974	1220	1493	1882	2196	2701
25°	516	574	657	809	1005	1281	1709	2196	3002	3690	4466
22.5°	574	663	782	972	1298	1795	2461	3523	4760	5909	7005
20°	645	767	969	1272	1740	2505	3768	5378	7098	8779	10405
17.5°	740	933	1222	1653	2317	3924	5804	8105	11050	13263	15360
15°	826	1070	1508	2205	3454	5523	8150	11673	15638	18973	22744
12.5°	928	1223	1750	2655	4440	7175	10523	14725	19418	24479	30387
10°	1017	1380	2058	3304	5469	8651	12404	17336	23364	30525	37992
7.5°	1086	1511	2316	3790	6335	9863	14339	20338	27972	36342	44857
5°	1139	1612	2518	4171	7072	10846	15751	22712	31414	41021	49489
2.5°	1181	1683	2651	4405	7570	11518	16717	23975	33521	44076	52967
0°	1213	1727	2726	4571	7802	11836	17163	24485	34508	45573	54716
-2.5°	1224	1750	2729	4514	7661	11816	17059	24172	33827	44979	54345
-5°	1228	1738	2661	4394	7411	11392	16376	22985	31747	42207	51699
-7.5°	1219	1691	2521	4100	6851	10644	15422	21223	28405	37628	47438
-10°	1186	1610	2332	3700	6079	9476	13937	18838	24576	32105	40055
-12.5°	1127	1489	2071	3102	5171	8155	12105	16438	20909	25857	32396
-15°	1056	1365	1858	2739	4330	6767	9966	13625	17336	21125	25114
-17.5°	1002	1257	1640	2255	3324	5295	7853	10793	13804	16813	19499
-20°	934	1128	1427	1906	2682	3848	5772	8060	10310	12763	14822

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627604 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-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°	872	1038	1262	1563	2085	2906	4003	5613	7323	9105	10796
-25°	815	939	1117	1359	1671	2159	2884	3726	4926	6022	7277
-27.5°	766	871	991	1170	1406	1674	2119	2610	3239	3762	4600
-30°	719	803	902	1017	1190	1394	1633	1931	2239	2547	2949
-32.5°	675	745	823	916	1023	1176	1324	1515	1684	1870	2061
-35°	632	694	759	832	915	1015	1127	1253	1365	1477	1577
-37.5°	595	647	703	761	827	897	985	1074	1149	1222	1284
-40°	563	607	654	702	755	811	880	945	996	1043	1083
-42.5°	535	573	610	651	695	747	800	850	885	917	943
-45°	508	541	574	608	644	689	735	774	801	826	845
-47.5°	479	509	539	570	605	641	677	706	731	752	766
-50°	450	480	507	533	564	596	627	652	674	692	702
-52.5°	423	451	479	505	530	555	580	604	625	644	651
-55°	396	424	448	473	497	521	543	564	583	602	607
-57.5°	369	398	424	444	464	486	507	527	546	563	569
-60°	339	368	391	410	430	450	469	487	506	521	529
-62.5°	303	329	350	369	387	405	422	438	455	468	476
-65°	261	283	304	322	339	355	370	385	399	410	416
-67.5°	224	241	258	275	291	307	321	334	347	355	361
-70°	189	204	219	234	249	263	275	287	298	306	312
-72.5°	157	170	184	198	211	222	233	243	253	260	265
-75°	128	139	150	162	173	183	191	200	208	214	219
-77.5°	101	110	118	127	136	143	150	157	163	168	173
-80°	75	82	89	95	101	106	112	117	122	127	130
-82.5°	51	56	61	66	71	74	77	80	82	85	89
-85°	29	33	36	39	42	44	46	48	50	52	54
-87.5°	12	13	14	16	17	18	18	18	18	20	21
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627604 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-722-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	6	6	7	6
60°	21	19	19	19	19	19	21	22	22	26	27
57.5°	89	95	99	100	99	95	89	81	72	69	68
55°	135	140	140	138	140	140	135	129	122	116	110
52.5°	174	175	174	171	174	175	174	171	166	157	145
50°	242	241	241	243	241	241	242	239	229	212	197
47.5°	311	315	316	314	316	315	311	306	294	275	254
45°	372	376	378	376	378	376	372	365	350	331	309
42.5°	437	440	441	442	441	440	437	429	411	386	359
40°	522	525	525	523	525	525	522	513	494	464	432
37.5°	667	677	682	695	682	677	667	648	619	579	538
35°	894	918	931	951	931	918	894	854	803	747	676
32.5°	1234	1284	1310	1337	1310	1284	1234	1161	1060	953	848
30°	1835	1933	1973	2046	1973	1933	1835	1687	1473	1285	1097
27.5°	3071	3304	3395	3587	3395	3304	3071	2701	2196	1882	1493
25°	5173	5675	5951	6170	5951	5675	5173	4466	3690	3002	2196
22.5°	8110	8846	9238	9528	9238	8846	8110	7005	5909	4760	3523
20°	11879	12849	13428	13848	13428	12849	11879	10405	8779	7098	5378
17.5°	18053	19578	20470	21236	20470	19578	18053	15360	13263	11050	8105
15°	26952	30016	32397	33723	32397	30016	26952	22744	18973	15638	11673
12.5°	35609	40096	42762	43989	42762	40096	35609	30387	24479	19418	14725
10°	44170	48401	50938	51386	50938	48401	44170	37992	30525	23364	17336
7.5°	50724	55377	58748	59973	58748	55377	50724	44857	36342	27972	20338
5°	56513	61962	65528	65981	65528	61962	56513	49489	41021	31414	22712
2.5°	60771	66694	70153	71342	70153	66694	60771	52967	44076	33521	23975
0°	62831	69211	73059	74791	73059	69211	62831	54716	45573	34508	24485
-2.5°	62398	68996	73292	75552	73292	68996	62398	54345	44979	33827	24172
-5°	60026	66643	70648	73050	70648	66643	60026	51699	42207	31747	22985
-7.5°	54554	60743	65006	67222	65006	60743	54554	47438	37628	28405	21223
-10°	47505	52742	56628	58517	56628	52742	47505	40055	32105	24576	18838
-12.5°	38343	43423	46930	48265	46930	43423	38343	32396	25857	20909	16438
-15°	29378	33255	35746	36534	35746	33255	29378	25114	21125	17336	13625
-17.5°	22279	24366	25767	26145	25767	24366	22279	19499	16813	13804	10793
-20°	16691	17985	18894	19109	18894	17985	16691	14822	12763	10310	8060

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REPORT NUMBER: P627604 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-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°	12161	13134	13868	14014	13868	13134	12161	10796	9105	7323	5613
-25°	8389	9202	9700	9738	9700	9202	8389	7277	6022	4926	3726
-27.5°	5259	5706	5936	6018	5936	5706	5259	4600	3762	3239	2610
-30°	3250	3456	3564	3568	3564	3456	3250	2949	2547	2239	1931
-32.5°	2206	2306	2360	2360	2360	2306	2206	2061	1870	1684	1515
-35°	1653	1704	1733	1736	1733	1704	1653	1577	1477	1365	1253
-37.5°	1329	1357	1372	1375	1372	1357	1329	1284	1222	1149	1074
-40°	1111	1131	1143	1151	1143	1131	1111	1083	1043	996	945
-42.5°	961	974	980	975	980	974	961	943	917	885	850
-45°	856	864	869	871	869	864	856	845	826	801	774
-47.5°	773	776	779	780	779	776	773	766	752	731	706
-50°	707	710	711	709	711	710	707	702	692	674	652
-52.5°	654	655	656	657	656	655	654	651	644	625	604
-55°	611	612	613	614	613	612	611	607	602	583	564
-57.5°	574	578	578	576	578	578	574	569	563	546	527
-60°	535	539	542	542	542	539	535	529	521	506	487
-62.5°	482	487	489	490	489	487	482	476	468	455	438
-65°	421	426	432	438	432	426	421	416	410	399	385
-67.5°	366	369	375	381	375	369	366	361	355	347	334
-70°	317	322	323	324	323	322	317	312	306	298	287
-72.5°	270	274	276	276	276	274	270	265	260	253	243
-75°	223	227	228	228	228	227	223	219	214	208	200
-77.5°	176	180	181	181	181	180	176	173	168	163	157
-80°	134	137	135	133	135	137	134	130	127	122	117
-82.5°	92	95	93	90	93	95	92	89	85	82	80
-85°	55	57	55	52	55	57	55	54	52	50	48
-87.5°	22	24	21	19	21	24	22	21	20	18	18
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627604 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-722-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°	6	6	5	5	4	2	1	2	1	0	1
60°	23	16	21	22	18	12	12	10	5	4	4
57.5°	69	66	56	50	48	42	33	26	22	15	9
55°	105	98	89	79	70	65	58	50	42	32	24
52.5°	132	129	121	108	98	91	80	72	64	54	42
50°	183	174	163	150	137	125	113	98	85	76	65
47.5°	236	223	212	199	179	163	148	133	113	96	85
45°	287	268	253	237	219	199	182	163	143	123	104
42.5°	336	310	287	273	251	230	211	193	171	149	129
40°	399	361	336	317	295	264	245	225	201	175	154
37.5°	487	434	403	378	351	318	286	261	234	206	181
35°	605	540	482	444	415	373	335	302	271	240	209
32.5°	735	653	570	513	466	423	382	344	306	273	241
30°	923	791	675	582	522	470	423	382	341	304	271
27.5°	1220	974	817	676	581	519	468	417	373	333	297
25°	1709	1281	1005	809	657	574	516	457	405	360	323
22.5°	2461	1795	1298	972	782	663	574	499	437	393	351
20°	3768	2505	1740	1272	969	767	645	553	484	428	379
17.5°	5804	3924	2317	1653	1222	933	740	617	532	463	408
15°	8150	5523	3454	2205	1508	1070	826	678	581	501	437
12.5°	10523	7175	4440	2655	1750	1223	928	751	630	534	460
10°	12404	8651	5469	3304	2058	1380	1017	805	663	560	480
7.5°	14339	9863	6335	3790	2316	1511	1086	848	691	582	498
5°	15751	10846	7072	4171	2518	1612	1139	883	713	599	512
2.5°	16717	11518	7570	4405	2651	1683	1181	910	734	611	522
0°	17163	11836	7802	4571	2726	1727	1213	928	752	618	528
-2.5°	17059	11816	7661	4514	2729	1750	1224	932	757	627	534
-5°	16376	11392	7411	4394	2661	1738	1228	934	757	631	536
-7.5°	15422	10644	6851	4100	2521	1691	1219	933	756	633	539
-10°	13937	9476	6079	3700	2332	1610	1186	918	748	630	538
-12.5°	12105	8155	5171	3102	2071	1489	1127	888	734	621	533
-15°	9966	6767	4330	2739	1858	1365	1056	850	715	607	525
-17.5°	7853	5295	3324	2255	1640	1257	1002	823	695	593	517
-20°	5772	3848	2682	1906	1427	1128	934	787	671	581	510

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REPORT NUMBER: P627604 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-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°	4003	2906	2085	1563	1262	1038	872	745	642	566	500
-25°	2884	2159	1671	1359	1117	939	815	710	622	550	487
-27.5°	2119	1674	1406	1170	991	871	766	673	598	531	474
-30°	1633	1394	1190	1017	902	803	719	642	573	512	460
-32.5°	1324	1176	1023	916	823	745	675	609	546	494	443
-35°	1127	1015	915	832	759	694	632	575	523	473	424
-37.5°	985	897	827	761	703	647	595	546	498	450	406
-40°	880	811	755	702	654	607	563	519	473	426	387
-42.5°	800	747	695	651	610	573	535	493	450	407	370
-45°	735	689	644	608	574	541	508	468	427	390	354
-47.5°	677	641	605	570	539	509	479	443	407	372	335
-50°	627	596	564	533	507	480	450	420	385	349	316
-52.5°	580	555	530	505	479	451	423	392	359	328	299
-55°	543	521	497	473	448	424	396	365	336	308	278
-57.5°	507	486	464	444	424	398	369	341	312	284	255
-60°	469	450	430	410	391	368	339	312	285	258	230
-62.5°	422	405	387	369	350	329	303	278	255	232	207
-65°	370	355	339	322	304	283	261	242	224	205	182
-67.5°	321	307	291	275	258	241	224	208	192	174	154
-70°	275	263	249	234	219	204	189	175	159	143	127
-72.5°	233	222	211	198	184	170	157	144	131	117	104
-75°	191	183	173	162	150	139	128	117	106	95	85
-77.5°	150	143	136	127	118	110	101	92	84	75	66
-80°	112	106	101	95	89	82	75	68	61	54	47
-82.5°	77	74	71	66	61	56	51	46	41	36	31
-85°	46	44	42	39	36	33	29	26	23	20	17
-87.5°	18	18	17	16	14	13	12	10	9	8	7
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627604 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-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°	8	5	3	3	2	1	1	2	2	1	0
55°	15	11	7	4	4	3	1	2	3	2	0
52.5°	30	21	14	7	4	5	3	2	3	3	1
50°	49	35	24	15	6	6	4	3	4	5	3
47.5°	72	53	37	24	14	7	6	4	4	5	4
45°	92	75	52	36	23	14	9	5	4	5	4
42.5°	111	95	73	48	34	21	12	8	5	5	5
40°	134	113	93	67	45	28	19	11	5	5	5
37.5°	158	135	111	85	58	39	25	16	7	6	5
35°	182	157	129	102	74	50	30	20	11	7	5
32.5°	206	178	147	118	88	62	38	26	16	9	5
30°	233	197	164	133	101	74	49	32	20	11	5
27.5°	259	215	180	148	115	84	59	38	24	13	7
25°	284	237	196	161	128	96	69	45	29	17	8
22.5°	307	259	212	173	142	107	79	53	34	20	10
20°	330	280	228	190	156	120	88	61	39	23	12
17.5°	354	301	249	207	169	131	97	69	45	26	14
15°	377	321	268	223	182	142	106	75	50	29	16
12.5°	397	340	285	238	195	152	114	81	55	31	18
10°	415	356	300	251	207	161	121	87	60	34	21
7.5°	431	371	313	264	218	169	128	92	65	37	23
5°	443	382	323	273	226	177	134	97	69	39	25
2.5°	451	390	331	280	233	184	139	101	73	41	27
0°	457	395	338	285	238	190	143	105	76	43	28
-2.5°	462	400	344	291	243	197	147	108	79	47	29
-5°	465	403	349	296	248	201	151	110	81	51	30
-7.5°	467	406	352	299	251	205	153	112	83	54	30
-10°	467	408	355	302	253	207	155	113	84	56	30
-12.5°	466	409	356	303	254	208	158	116	85	58	30
-15°	462	409	355	302	254	208	160	118	87	58	30
-17.5°	456	406	353	300	253	207	160	119	87	58	32
-20°	452	402	348	296	251	206	160	119	87	57	33

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REPORT NUMBER: P627604 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-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°	445	394	342	291	248	204	159	117	86	56	34
-25°	436	385	335	287	244	202	157	114	84	54	35
-27.5°	424	374	327	282	240	198	153	112	81	52	36
-30°	410	364	319	276	234	192	147	108	79	52	36
-32.5°	395	354	311	268	226	186	140	104	76	52	35
-35°	382	342	301	258	218	177	134	98	73	51	35
-37.5°	366	329	288	247	209	168	130	96	70	50	34
-40°	352	314	273	236	199	159	125	93	68	48	33
-42.5°	336	298	261	226	189	153	119	90	66	47	31
-45°	318	282	249	214	179	146	114	86	63	45	30
-47.5°	300	269	236	201	170	138	108	81	59	43	29
-50°	286	254	220	188	159	130	101	76	56	41	27
-52.5°	268	236	204	174	147	120	93	69	52	38	25
-55°	247	216	186	160	135	109	84	64	48	35	23
-57.5°	225	195	170	146	121	97	76	59	44	31	21
-60°	203	178	155	131	107	86	68	53	40	28	19
-62.5°	183	160	136	114	93	76	60	47	35	25	17
-65°	159	138	117	98	81	65	53	41	31	23	15
-67.5°	134	116	99	83	69	56	45	36	27	19	14
-70°	112	96	82	69	57	47	39	31	23	17	12
-72.5°	91	79	66	55	47	40	33	26	20	15	11
-75°	73	63	53	45	38	32	27	21	16	12	9
-77.5°	57	49	41	35	30	25	20	15	12	10	8
-80°	42	36	32	28	23	19	15	11	9	7	6
-82.5°	28	25	22	20	16	13	10	7	6	5	4
-85°	16	14	13	12	9	7	5	4	4	3	3
-87.5°	6	6	6	5	4	4	3	2	2	2	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: P627604 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-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°	3	2	0	0	0	0	0
40°	4	3	0	0	0	0	0
37.5°	4	3	1	0	0	0	0
35°	5	4	1	0	0	0	0
32.5°	5	4	2	0	0	0	0
30°	5	4	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	3	0	0	0	0
20°	5	5	4	0	0	0	0
17.5°	5	5	4	0	0	0	0
15°	6	5	4	0	0	0	0
12.5°	6	5	4	0	0	0	0
10°	7	5	5	0	0	0	0
7.5°	7	5	5	0	0	0	0
5°	8	5	5	0	0	0	0
2.5°	9	5	5	0	0	0	0
0°	9	5	5	0	0	0	0
-2.5°	11	5	5	0	0	0	0
-5°	13	6	5	1	0	0	0
-7.5°	15	6	5	1	0	0	0
-10°	16	7	5	1	0	0	0
-12.5°	17	7	5	1	0	0	0
-15°	18	7	4	2	0	0	0
-17.5°	19	8	4	2	0	0	0
-20°	19	8	4	2	0	0	0

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Scaled Data Report



REPORT NUMBER: P627604 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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