

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: P627126 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-722-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627126 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-16)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3C-722-U-MWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12046.9 lumens
Efficiency: N/A
Efficacy: 99.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 16877.6 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 8069 lumens
Beam Efficiency: 67.0%

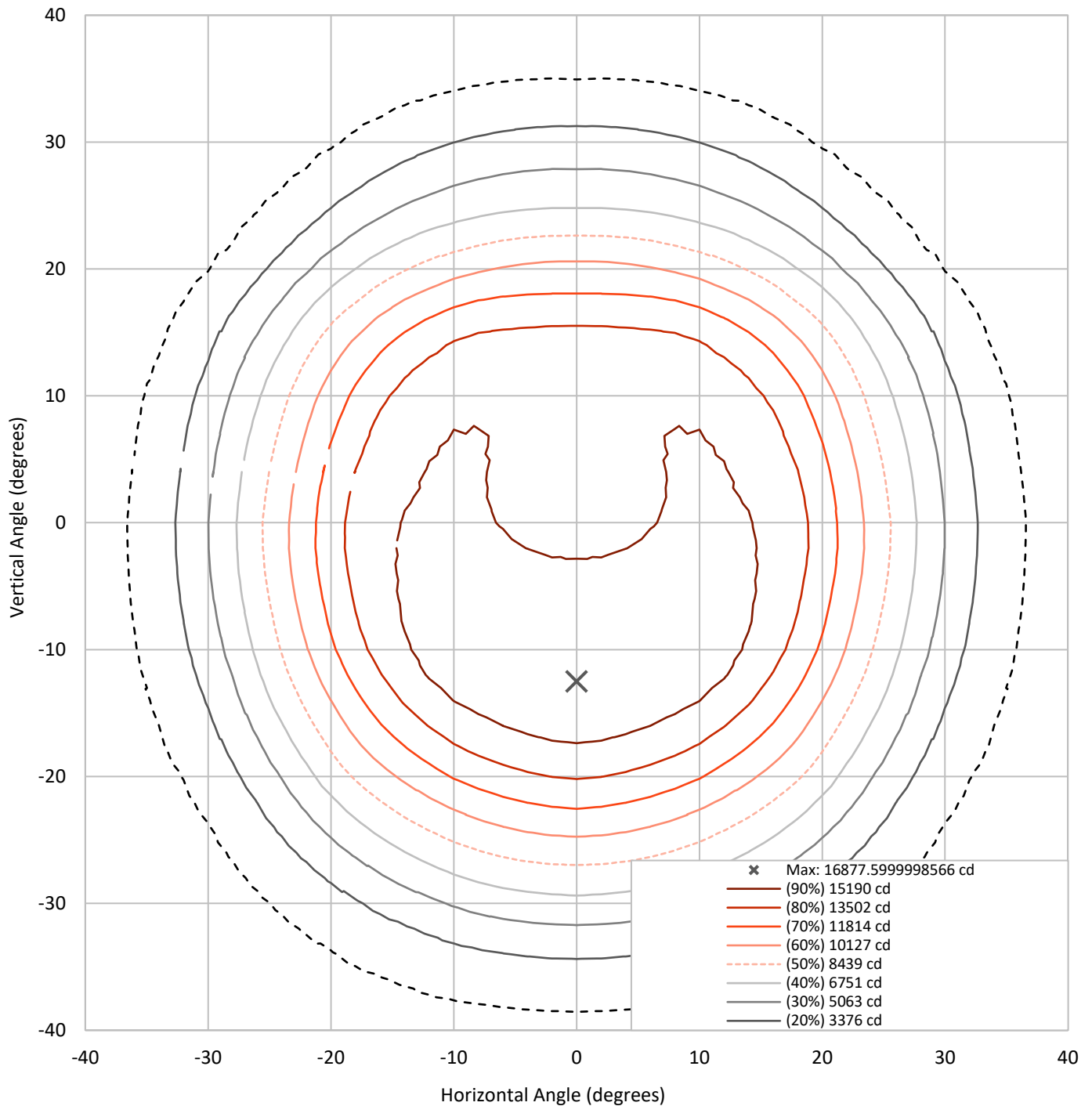
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 10864.2 lumens
Field Efficiency: 90.2%

Input Watts (W): 121.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627126 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





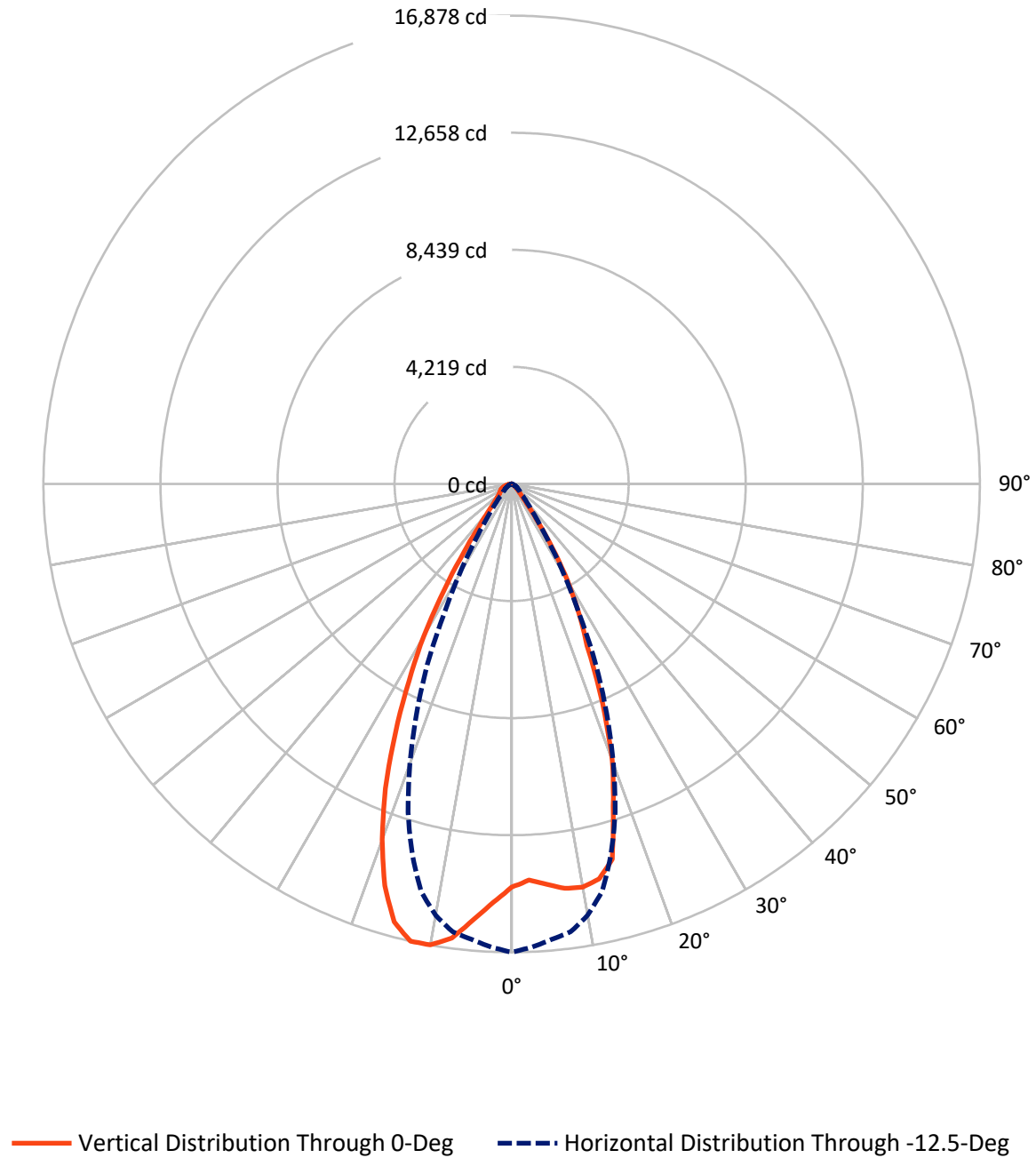
REPORT NUMBER: P627126 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0									
50		0.0	0.1	0.4	1.0	1.7	2.3	2.7	2.7	2.3	1.7	1.0	0.4	0.1		0.0								
40	0.1	0.1	0.5	1.7	3.4	5.5	8.3	10.1	10.1	8.3	5.5	3.4	1.7	0.5	0.1	0.1								
30		0.2	1.3	3.5	7.2	15.6	35.6	54.3	54.3	35.6	15.6	7.2	3.5	1.3	0.2									
20	0.1	0.5	2.2	5.6	15.1	56.0	144.2	201.6	201.6	144.2	56.0	15.1	5.6	2.2	0.5	0.1								
10		0.8	3.1	8.7	36.0	155.5	324.4	401.7	401.7	324.4	155.5	36.0	8.7	3.1	0.8									
0	0.2	1.1	3.9	11.2	57.3	229.0	418.3	453.5	453.5	418.3	229.0	57.3	11.2	3.9	1.1	0.2								
-10		1.2	4.3	12.0	59.9	236.5	433.4	481.3	481.3	433.4	236.5	59.9	12.0	4.3	1.2									
-20	0.3	1.3	4.4	10.9	42.9	176.1	365.6	466.8	466.8	365.6	176.1	42.9	10.9	4.4	1.3	0.3								
-30		1.3	4.1	9.1	24.0	85.4	203.7	286.7	286.7	203.7	85.4	24.0	9.1	4.1	1.3									
-40	0.3	1.1	3.7	7.5	14.3	30.4	63.7	94.4	94.4	63.7	30.4	14.3	7.5	3.7	1.1	0.3								
-50		0.9	3.1	6.3	10.5	15.4	21.7	25.7	25.7	21.7	15.4	10.5	6.3	3.1	0.9									
-60	0.2	0.7	2.3	4.9	8.2	11.4	14.2	15.5	15.5	14.2	11.4	8.2	4.9	2.3	0.7	0.2								
-70		0.5	1.5	3.4	5.8	8.1	10.3	11.5	11.5	10.3	8.1	5.8	3.4	1.5	0.5									
-80	0.1	1.3	6.1	12.9	16.6	12.9	6.1	1.3	0.1															
-90																								
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90					

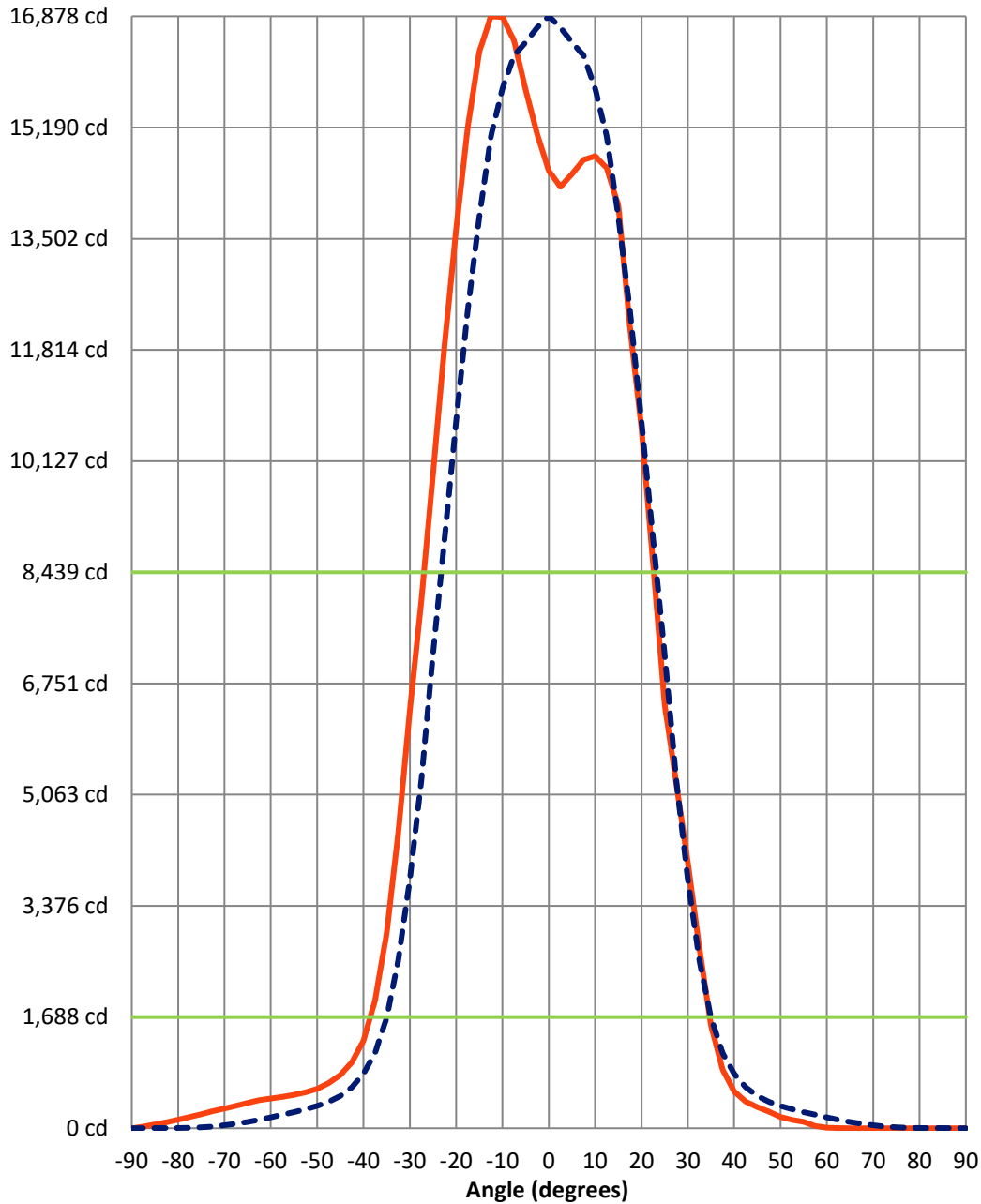
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 8069
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 10864.2
 Efficiency: 90.2%

Spill:
 Lumens: 1182.7
 Efficiency: 9.8%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -12.5-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	1	1	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	0	0
65°	0	0	0	1	1	1	0	0	1	1	1
62.5°	0	0	0	1	1	1	0	1	1	1	2
60°	0	0	0	1	2	1	1	1	2	2	3
57.5°	0	0	0	1	2	1	1	2	2	2	3
55°	0	0	0	2	2	1	2	3	3	3	3
52.5°	0	0	1	2	2	1	2	3	3	3	3
50°	0	0	1	2	2	2	2	3	3	3	3
47.5°	0	0	1	3	2	2	3	3	3	3	4
45°	0	0	1	3	2	2	3	3	3	3	5
42.5°	0	0	1	3	2	2	3	4	3	4	6
40°	0	0	1	3	2	3	4	4	4	5	7
37.5°	0	0	2	3	3	3	4	4	4	6	8
35°	0	0	2	3	3	3	4	4	6	8	10
32.5°	0	0	2	3	3	3	5	4	7	10	17
30°	0	0	2	3	3	4	5	5	8	12	22
27.5°	0	0	2	3	3	4	5	5	9	15	27
25°	0	0	2	3	3	4	5	6	11	19	32
22.5°	0	0	2	3	3	4	5	7	13	23	38
20°	0	0	2	3	3	5	5	8	16	26	44
17.5°	0	0	3	3	3	5	6	9	18	30	50
15°	0	0	3	3	3	5	6	10	20	33	56
12.5°	0	0	3	3	3	5	6	12	23	35	62
10°	0	0	3	3	3	5	7	14	25	40	67
7.5°	0	0	3	3	3	5	7	16	27	45	72
5°	0	0	3	3	3	5	8	18	28	49	75
2.5°	0	0	3	3	3	5	8	20	29	54	78
0°	0	0	3	3	3	6	8	22	30	58	80
-2.5°	0	0	3	3	3	6	10	23	34	61	85
-5°	0	0	3	3	3	6	11	24	38	63	88
-7.5°	0	0	3	3	3	6	12	24	41	65	91
-10°	0	0	3	3	4	7	14	24	44	66	94
-12.5°	0	0	3	3	4	7	14	25	46	68	96
-15°	0	0	3	3	4	7	15	25	46	69	96
-17.5°	0	0	3	3	4	7	16	26	46	69	96
-20°	0	0	3	3	4	7	16	27	46	68	95

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Scaled Data Report



REPORT NUMBER: P627126 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	3	3	4	7	16	28	45	68	93
-25°	0	1	2	3	4	8	16	28	44	66	89
-27.5°	0	1	2	3	4	8	16	28	43	64	87
-30°	0	1	2	3	4	8	15	28	42	62	85
-32.5°	0	1	2	3	4	9	15	27	42	61	81
-35°	0	1	2	3	4	9	15	26	41	59	77
-37.5°	0	1	2	3	5	9	15	25	39	57	76
-40°	0	1	2	3	5	9	15	24	36	54	75
-42.5°	0	1	2	3	5	9	15	23	35	52	72
-45°	0	1	2	3	5	9	15	22	33	48	69
-47.5°	0	1	2	3	5	9	14	22	32	45	65
-50°	0	1	2	3	5	9	14	21	30	43	60
-52.5°	0	1	2	3	5	8	13	20	29	41	54
-55°	0	1	2	3	5	8	13	19	27	38	51
-57.5°	0	1	2	3	5	8	12	18	26	36	47
-60°	0	1	2	3	5	8	12	17	24	33	44
-62.5°	0	1	2	3	5	7	11	16	22	30	40
-65°	0	1	2	3	5	7	10	14	20	27	36
-67.5°	0	0	2	3	5	6	9	13	18	24	32
-70°	0	0	2	3	4	6	8	11	16	21	28
-72.5°	0	0	2	3	4	6	7	10	13	18	23
-75°	0	0	1	3	4	5	7	9	11	15	19
-77.5°	0	0	1	2	4	5	6	8	10	12	15
-80°	0	0	1	2	3	4	6	7	8	10	12
-82.5°	0	0	1	1	2	3	4	6	7	8	10
-85°	0	0	0	1	1	2	3	4	5	6	7
-87.5°	0	0	0	0	1	1	1	2	2	3	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627126 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-U-MWR-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	1	1	1	0	0	0	0	0	0	0
65°	1	2	1	1	0	1	1	1	0	0	0
62.5°	3	2	2	1	2	2	2	1	0	1	1
60°	3	2	2	2	3	3	2	2	2	3	7
57.5°	3	3	3	3	3	3	3	4	10	17	18
55°	3	3	3	4	4	5	7	15	23	29	31
52.5°	3	3	4	5	6	10	19	28	36	41	49
50°	4	4	6	8	12	22	32	42	52	61	71
47.5°	5	6	8	12	22	35	47	60	71	84	99
45°	6	9	12	21	34	50	65	80	91	106	119
42.5°	7	14	20	30	49	67	85	97	110	125	143
40°	11	19	29	45	64	86	102	114	128	150	172
37.5°	17	27	39	59	82	103	119	134	154	179	205
35°	23	34	51	74	100	120	137	156	183	212	243
32.5°	29	41	64	90	114	135	154	183	212	244	286
30°	36	51	76	104	127	149	176	208	237	276	326
27.5°	42	62	89	117	140	163	198	229	262	307	366
25°	49	73	101	128	152	181	220	252	286	343	423
22.5°	58	84	113	138	163	200	242	282	326	383	482
20°	67	94	123	150	174	218	265	314	374	453	583
17.5°	75	103	133	162	193	237	290	348	423	522	712
15°	83	112	143	175	210	257	315	387	477	600	836
12.5°	90	119	152	187	226	275	337	415	522	698	996
10°	96	125	161	198	239	291	356	439	558	769	1115
7.5°	102	132	170	209	251	305	372	459	591	824	1207
5°	106	140	177	217	260	316	386	474	618	865	1279
2.5°	110	148	183	224	266	325	396	488	644	898	1339
0°	113	155	188	230	271	332	404	498	664	921	1386
-2.5°	117	158	195	234	279	337	408	506	671	925	1377
-5°	121	161	200	237	285	340	409	509	670	917	1348
-7.5°	123	162	204	240	288	341	409	507	663	902	1303
-10°	125	164	205	243	289	341	407	500	647	872	1233
-12.5°	128	166	206	244	289	339	402	489	622	828	1144
-15°	130	167	205	244	288	335	393	474	589	768	1034
-17.5°	130	167	205	242	285	330	381	455	559	716	954
-20°	130	167	203	238	282	324	374	440	533	666	858

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CATALOG NUMBER: GFLD-SA3C-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	129	165	202	235	277	318	364	423	501	610	765
-25°	126	163	199	233	270	311	352	404	472	568	697
-27.5°	122	160	195	229	264	304	342	389	448	522	626
-30°	116	155	190	224	258	295	332	372	424	488	571
-32.5°	110	150	184	217	251	287	322	358	403	456	521
-35°	106	143	178	209	243	277	311	345	381	429	485
-37.5°	103	137	171	201	233	266	299	331	365	403	453
-40°	100	130	164	194	223	255	286	317	348	386	425
-42.5°	96	125	156	187	214	244	274	303	335	369	405
-45°	92	119	149	177	205	233	261	289	320	352	386
-47.5°	86	112	141	166	193	221	249	276	303	334	366
-50°	80	104	131	155	179	207	234	262	289	314	343
-52.5°	74	95	120	144	166	189	218	246	272	298	323
-55°	67	87	109	133	155	175	200	228	254	279	305
-57.5°	61	78	99	121	143	164	186	210	236	261	286
-60°	56	70	88	108	130	151	173	195	218	242	264
-62.5°	51	63	77	94	115	136	156	177	199	219	239
-65°	46	56	68	82	98	117	137	157	177	195	212
-67.5°	41	49	59	70	84	99	115	134	152	170	186
-70°	35	43	51	60	70	83	98	113	127	143	159
-72.5°	29	36	43	50	60	70	82	94	107	120	133
-75°	24	29	35	42	49	58	68	78	88	99	110
-77.5°	19	23	28	33	39	46	53	62	70	78	87
-80°	15	18	22	26	30	35	40	46	52	59	66
-82.5°	12	14	16	19	22	25	29	32	37	42	47
-85°	8	10	11	13	14	16	18	21	24	27	30
-87.5°	4	5	6	6	7	8	9	10	11	13	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627126 (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	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	1	2	2	2	2
60°	7	5	7	9	9	7	10	11	10	8	9
57.5°	19	21	24	28	31	33	35	38	40	42	43
55°	36	43	50	54	59	69	77	77	79	81	85
52.5°	57	65	69	76	87	95	98	105	112	118	124
50°	83	90	98	109	120	127	130	141	155	166	173
47.5°	109	118	133	152	161	170	181	196	211	227	240
45°	133	150	169	185	198	212	228	246	270	293	310
42.5°	160	179	199	218	232	256	283	304	339	369	388
40°	192	211	239	263	292	322	368	412	455	506	542
37.5°	230	260	299	337	380	425	508	594	663	762	816
35°	277	322	377	434	503	611	733	898	1069	1212	1350
32.5°	330	388	464	566	682	854	1037	1341	1638	1934	2224
30°	382	466	584	723	914	1186	1532	2001	2510	2956	3359
27.5°	452	571	724	933	1258	1656	2294	2946	3594	4172	4588
25°	537	696	912	1258	1727	2388	3242	4042	4803	5370	5847
22.5°	659	897	1204	1645	2496	3415	4438	5444	6298	7013	7484
20°	810	1132	1646	2444	3445	4595	5911	6969	8021	8825	9544
17.5°	1024	1537	2261	3275	4472	6005	7360	8541	9876	10698	11431
15°	1216	1876	2909	4202	5604	7229	8827	10273	11562	12465	13284
12.5°	1459	2236	3423	4945	6478	8288	9949	11496	12759	13689	14262
10°	1677	2605	3937	5528	7245	9135	10857	12468	13691	14410	14831
7.5°	1853	2912	4354	6028	7841	9743	11562	13161	14331	14932	15220
5°	1990	3140	4680	6438	8320	10267	12123	13688	14674	15171	15331
2.5°	2092	3298	4899	6707	8644	10654	12549	14091	14932	15291	15344
0°	2161	3409	5042	6877	8922	10792	12779	14345	15145	15433	15461
-2.5°	2145	3369	5036	6815	8890	10855	12816	14362	15218	15604	15667
-5°	2101	3274	4869	6641	8637	10605	12475	14108	15158	15742	16001
-7.5°	2017	3110	4583	6308	8227	10197	12105	13798	15007	15828	16334
-10°	1874	2871	4218	5886	7778	9655	11541	13298	14600	15589	16294
-12.5°	1678	2546	3772	5289	7191	8943	10729	12412	13833	15053	15781
-15°	1476	2208	3309	4697	6353	8079	9728	11380	12783	13923	14832
-17.5°	1332	1912	2773	3988	5442	7079	8688	10206	11471	12544	13497
-20°	1150	1581	2263	3284	4564	5995	7536	8887	10017	11023	11933



REPORT NUMBER: P627126 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1005	1354	1846	2543	3693	4955	6216	7460	8522	9417	10195
-25°	873	1118	1503	2069	2817	3907	4970	6020	7001	7833	8533
-27.5°	770	964	1221	1624	2192	2828	3759	4637	5480	6241	6901
-30°	675	822	1022	1275	1660	2133	2693	3349	4022	4623	5222
-32.5°	608	712	850	1037	1253	1592	1930	2372	2797	3236	3666
-35°	547	631	725	850	998	1196	1419	1689	1916	2203	2467
-37.5°	506	565	636	715	822	932	1083	1247	1388	1547	1682
-40°	471	518	566	619	692	767	864	956	1046	1143	1216
-42.5°	442	479	515	556	599	659	724	781	836	893	940
-45°	420	447	476	508	540	583	630	673	708	740	766
-47.5°	395	420	445	470	498	529	559	587	616	641	659
-50°	371	396	418	440	464	489	513	535	555	574	585
-52.5°	348	373	395	415	436	456	476	495	514	530	538
-55°	330	353	376	394	411	428	446	464	481	497	502
-57.5°	310	334	356	372	388	403	420	437	454	468	473
-60°	288	313	332	347	363	380	396	411	426	439	445
-62.5°	261	283	301	316	331	345	361	378	394	407	414
-65°	229	249	266	281	295	308	324	339	354	365	373
-67.5°	202	217	231	244	258	272	286	300	314	324	331
-70°	174	188	201	214	226	238	250	262	273	282	289
-72.5°	147	159	170	182	193	203	214	224	234	241	248
-75°	121	132	142	151	160	169	177	185	192	199	205
-77.5°	96	104	112	121	129	135	142	148	153	159	164
-80°	73	79	85	92	98	103	108	112	117	121	125
-82.5°	53	57	61	65	69	72	76	79	82	85	88
-85°	33	36	38	40	42	44	47	49	51	53	54
-87.5°	16	17	18	19	20	21	22	23	24	25	26
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627126 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	3	3	3	3	3	3	3	2	2	2	2
60°	9	8	8	8	8	8	9	9	8	10	11
57.5°	42	39	36	33	36	39	42	43	42	40	38
55°	90	95	98	97	98	95	90	85	81	79	77
52.5°	129	131	130	127	130	131	129	124	118	112	105
50°	176	176	174	172	174	176	176	173	166	155	141
47.5°	247	250	252	252	252	250	247	240	227	211	196
45°	316	320	321	321	321	320	316	310	293	270	246
42.5°	398	404	406	404	406	404	398	388	369	339	304
40°	564	571	568	559	568	571	564	542	506	455	412
37.5°	854	882	894	894	894	882	854	816	762	663	594
35°	1473	1572	1617	1561	1617	1572	1473	1350	1212	1069	898
32.5°	2461	2636	2734	2734	2734	2636	2461	2224	1934	1638	1341
30°	3664	3883	4006	4032	4006	3883	3664	3359	2956	2510	2001
27.5°	4912	5138	5256	5238	5256	5138	4912	4588	4172	3594	2946
25°	6164	6335	6434	6437	6434	6335	6164	5847	5370	4803	4042
22.5°	8013	8374	8522	8562	8522	8374	8013	7484	7013	6298	5444
20°	10030	10379	10604	10618	10604	10379	10030	9544	8825	8021	6969
17.5°	11951	12124	12156	12171	12156	12124	11951	11431	10698	9876	8541
15°	13761	13822	13982	14002	13982	13822	13761	13284	12465	11562	10273
12.5°	14622	14677	14650	14575	14650	14677	14622	14262	13689	12759	11496
10°	15090	15012	14895	14755	14895	15012	15090	14831	14410	13691	12468
7.5°	15196	15109	14904	14700	14904	15109	15196	15220	14932	14331	13161
5°	15247	14991	14732	14484	14732	14991	15247	15331	15171	14674	13688
2.5°	15217	14913	14557	14290	14557	14913	15217	15344	15291	14932	14091
0°	15314	15007	14633	14534	14633	15007	15314	15461	15433	15145	14345
-2.5°	15584	15335	15140	15087	15140	15335	15584	15667	15604	15218	14362
-5°	16071	16016	15684	15762	15684	16016	16071	16001	15742	15158	14108
-7.5°	16541	16463	16322	16504	16322	16463	16541	16334	15828	15007	13798
-10°	16666	16640	16706	16866	16706	16640	16666	16294	15589	14600	13298
-12.5°	16283	16483	16708	16878	16708	16483	16283	15781	15053	13833	12412
-15°	15429	15839	16175	16335	16175	15839	15429	14832	13923	12783	11380
-17.5°	14171	14675	15073	15187	15073	14675	14171	13497	12544	11471	10206
-20°	12623	13135	13498	13643	13498	13135	12623	11933	11023	10017	8887

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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10881	11381	11709	11883	11709	11381	10881	10195	9417	8522	7460
-25°	9113	9552	9844	9921	9844	9552	9113	8533	7833	7001	6020
-27.5°	7422	7775	7990	8014	7990	7775	7422	6901	6241	5480	4637
-30°	5721	6049	6235	6334	6235	6049	5721	5222	4623	4022	3349
-32.5°	4018	4278	4436	4477	4436	4278	4018	3666	3236	2797	2372
-35°	2679	2841	2941	2961	2941	2841	2679	2467	2203	1916	1689
-37.5°	1791	1870	1919	1943	1919	1870	1791	1682	1547	1388	1247
-40°	1269	1306	1327	1331	1327	1306	1269	1216	1143	1046	956
-42.5°	971	989	999	1002	999	989	971	940	893	836	781
-45°	784	797	805	808	805	797	784	766	740	708	673
-47.5°	671	679	685	686	685	679	671	659	641	616	587
-50°	592	597	599	598	599	597	592	585	574	555	535
-52.5°	542	545	546	545	546	545	542	538	530	514	495
-55°	505	507	508	506	508	507	505	502	497	481	464
-57.5°	477	480	479	476	479	480	477	473	468	454	437
-60°	449	452	452	451	452	452	449	445	439	426	411
-62.5°	421	426	427	426	427	426	421	414	407	394	378
-65°	381	387	387	385	387	387	381	373	365	354	339
-67.5°	336	341	341	340	341	341	336	331	324	314	300
-70°	295	300	300	299	300	300	295	289	282	273	262
-72.5°	253	259	260	260	260	259	253	248	241	234	224
-75°	210	215	214	213	214	215	210	205	199	192	185
-77.5°	169	173	173	172	173	173	169	164	159	153	148
-80°	129	132	131	130	131	132	129	125	121	117	112
-82.5°	91	94	93	91	93	94	91	88	85	82	79
-85°	56	58	58	58	58	58	56	54	53	51	49
-87.5°	27	28	26	25	26	28	27	26	25	24	23
-90°	0	0	0	0	0	0	0	0	0	0	0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	1
62.5°	1	1	1	1	1	1	1	1	1	0	1
60°	10	7	9	9	7	5	7	7	3	2	2
57.5°	35	33	31	28	24	21	19	18	17	10	4
55°	77	69	59	54	50	43	36	31	29	23	15
52.5°	98	95	87	76	69	65	57	49	41	36	28
50°	130	127	120	109	98	90	83	71	61	52	42
47.5°	181	170	161	152	133	118	109	99	84	71	60
45°	228	212	198	185	169	150	133	119	106	91	80
42.5°	283	256	232	218	199	179	160	143	125	110	97
40°	368	322	292	263	239	211	192	172	150	128	114
37.5°	508	425	380	337	299	260	230	205	179	154	134
35°	733	611	503	434	377	322	277	243	212	183	156
32.5°	1037	854	682	566	464	388	330	286	244	212	183
30°	1532	1186	914	723	584	466	382	326	276	237	208
27.5°	2294	1656	1258	933	724	571	452	366	307	262	229
25°	3242	2388	1727	1258	912	696	537	423	343	286	252
22.5°	4438	3415	2496	1645	1204	897	659	482	383	326	282
20°	5911	4595	3445	2444	1646	1132	810	583	453	374	314
17.5°	7360	6005	4472	3275	2261	1537	1024	712	522	423	348
15°	8827	7229	5604	4202	2909	1876	1216	836	600	477	387
12.5°	9949	8288	6478	4945	3423	2236	1459	996	698	522	415
10°	10857	9135	7245	5528	3937	2605	1677	1115	769	558	439
7.5°	11562	9743	7841	6028	4354	2912	1853	1207	824	591	459
5°	12123	10267	8320	6438	4680	3140	1990	1279	865	618	474
2.5°	12549	10654	8644	6707	4899	3298	2092	1339	898	644	488
0°	12779	10792	8922	6877	5042	3409	2161	1386	921	664	498
-2.5°	12816	10855	8890	6815	5036	3369	2145	1377	925	671	506
-5°	12475	10605	8637	6641	4869	3274	2101	1348	917	670	509
-7.5°	12105	10197	8227	6308	4583	3110	2017	1303	902	663	507
-10°	11541	9655	7778	5886	4218	2871	1874	1233	872	647	500
-12.5°	10729	8943	7191	5289	3772	2546	1678	1144	828	622	489
-15°	9728	8079	6353	4697	3309	2208	1476	1034	768	589	474
-17.5°	8688	7079	5442	3988	2773	1912	1332	954	716	559	455
-20°	7536	5995	4564	3284	2263	1581	1150	858	666	533	440

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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6216	4955	3693	2543	1846	1354	1005	765	610	501	423
-25°	4970	3907	2817	2069	1503	1118	873	697	568	472	404
-27.5°	3759	2828	2192	1624	1221	964	770	626	522	448	389
-30°	2693	2133	1660	1275	1022	822	675	571	488	424	372
-32.5°	1930	1592	1253	1037	850	712	608	521	456	403	358
-35°	1419	1196	998	850	725	631	547	485	429	381	345
-37.5°	1083	932	822	715	636	565	506	453	403	365	331
-40°	864	767	692	619	566	518	471	425	386	348	317
-42.5°	724	659	599	556	515	479	442	405	369	335	303
-45°	630	583	540	508	476	447	420	386	352	320	289
-47.5°	559	529	498	470	445	420	395	366	334	303	276
-50°	513	489	464	440	418	396	371	343	314	289	262
-52.5°	476	456	436	415	395	373	348	323	298	272	246
-55°	446	428	411	394	376	353	330	305	279	254	228
-57.5°	420	403	388	372	356	334	310	286	261	236	210
-60°	396	380	363	347	332	313	288	264	242	218	195
-62.5°	361	345	331	316	301	283	261	239	219	199	177
-65°	324	308	295	281	266	249	229	212	195	177	157
-67.5°	286	272	258	244	231	217	202	186	170	152	134
-70°	250	238	226	214	201	188	174	159	143	127	113
-72.5°	214	203	193	182	170	159	147	133	120	107	94
-75°	177	169	160	151	142	132	121	110	99	88	78
-77.5°	142	135	129	121	112	104	96	87	78	70	62
-80°	108	103	98	92	85	79	73	66	59	52	46
-82.5°	76	72	69	65	61	57	53	47	42	37	32
-85°	47	44	42	40	38	36	33	30	27	24	21
-87.5°	22	21	20	19	18	17	16	14	13	11	10
-90°	0	0	0	0	0	0	0	0	0	0	0

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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	1	1	1	0	0	0	0	0
65°	1	1	0	1	1	2	1	1	1	1	0
62.5°	2	2	2	1	2	2	3	2	1	1	1
60°	2	3	3	2	2	2	3	3	2	2	1
57.5°	3	3	3	3	3	3	3	3	2	2	2
55°	7	5	4	4	3	3	3	3	3	3	3
52.5°	19	10	6	5	4	3	3	3	3	3	3
50°	32	22	12	8	6	4	4	3	3	3	3
47.5°	47	35	22	12	8	6	5	4	3	3	3
45°	65	50	34	21	12	9	6	5	3	3	3
42.5°	85	67	49	30	20	14	7	6	4	3	4
40°	102	86	64	45	29	19	11	7	5	4	4
37.5°	119	103	82	59	39	27	17	8	6	4	4
35°	137	120	100	74	51	34	23	10	8	6	4
32.5°	154	135	114	90	64	41	29	17	10	7	4
30°	176	149	127	104	76	51	36	22	12	8	5
27.5°	198	163	140	117	89	62	42	27	15	9	5
25°	220	181	152	128	101	73	49	32	19	11	6
22.5°	242	200	163	138	113	84	58	38	23	13	7
20°	265	218	174	150	123	94	67	44	26	16	8
17.5°	290	237	193	162	133	103	75	50	30	18	9
15°	315	257	210	175	143	112	83	56	33	20	10
12.5°	337	275	226	187	152	119	90	62	35	23	12
10°	356	291	239	198	161	125	96	67	40	25	14
7.5°	372	305	251	209	170	132	102	72	45	27	16
5°	386	316	260	217	177	140	106	75	49	28	18
2.5°	396	325	266	224	183	148	110	78	54	29	20
0°	404	332	271	230	188	155	113	80	58	30	22
-2.5°	408	337	279	234	195	158	117	85	61	34	23
-5°	409	340	285	237	200	161	121	88	63	38	24
-7.5°	409	341	288	240	204	162	123	91	65	41	24
-10°	407	341	289	243	205	164	125	94	66	44	24
-12.5°	402	339	289	244	206	166	128	96	68	46	25
-15°	393	335	288	244	205	167	130	96	69	46	25
-17.5°	381	330	285	242	205	167	130	96	69	46	26
-20°	374	324	282	238	203	167	130	95	68	46	27

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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	364	318	277	235	202	165	129	93	68	45	28
-25°	352	311	270	233	199	163	126	89	66	44	28
-27.5°	342	304	264	229	195	160	122	87	64	43	28
-30°	332	295	258	224	190	155	116	85	62	42	28
-32.5°	322	287	251	217	184	150	110	81	61	42	27
-35°	311	277	243	209	178	143	106	77	59	41	26
-37.5°	299	266	233	201	171	137	103	76	57	39	25
-40°	286	255	223	194	164	130	100	75	54	36	24
-42.5°	274	244	214	187	156	125	96	72	52	35	23
-45°	261	233	205	177	149	119	92	69	48	33	22
-47.5°	249	221	193	166	141	112	86	65	45	32	22
-50°	234	207	179	155	131	104	80	60	43	30	21
-52.5°	218	189	166	144	120	95	74	54	41	29	20
-55°	200	175	155	133	109	87	67	51	38	27	19
-57.5°	186	164	143	121	99	78	61	47	36	26	18
-60°	173	151	130	108	88	70	56	44	33	24	17
-62.5°	156	136	115	94	77	63	51	40	30	22	16
-65°	137	117	98	82	68	56	46	36	27	20	14
-67.5°	115	99	84	70	59	49	41	32	24	18	13
-70°	98	83	70	60	51	43	35	28	21	16	11
-72.5°	82	70	60	50	43	36	29	23	18	13	10
-75°	68	58	49	42	35	29	24	19	15	11	9
-77.5°	53	46	39	33	28	23	19	15	12	10	8
-80°	40	35	30	26	22	18	15	12	10	8	7
-82.5°	29	25	22	19	16	14	12	10	8	7	6
-85°	18	16	14	13	11	10	8	7	6	5	4
-87.5°	9	8	7	6	6	5	4	4	3	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: P627126 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	1	1	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	0	1	1	1	0	0	0
62.5°	0	1	1	1	0	0	0
60°	1	1	2	1	0	0	0
57.5°	1	1	2	1	0	0	0
55°	2	1	2	2	0	0	0
52.5°	2	1	2	2	1	0	0
50°	2	2	2	2	1	0	0
47.5°	3	2	2	3	1	0	0
45°	3	2	2	3	1	0	0
42.5°	3	2	2	3	1	0	0
40°	4	3	2	3	1	0	0
37.5°	4	3	3	3	2	0	0
35°	4	3	3	3	2	0	0
32.5°	5	3	3	3	2	0	0
30°	5	4	3	3	2	0	0
27.5°	5	4	3	3	2	0	0
25°	5	4	3	3	2	0	0
22.5°	5	4	3	3	2	0	0
20°	5	5	3	3	2	0	0
17.5°	6	5	3	3	3	0	0
15°	6	5	3	3	3	0	0
12.5°	6	5	3	3	3	0	0
10°	7	5	3	3	3	0	0
7.5°	7	5	3	3	3	0	0
5°	8	5	3	3	3	0	0
2.5°	8	5	3	3	3	0	0
0°	8	6	3	3	3	0	0
-2.5°	10	6	3	3	3	0	0
-5°	11	6	3	3	3	0	0
-7.5°	12	6	3	3	3	0	0
-10°	14	7	4	3	3	0	0
-12.5°	14	7	4	3	3	0	0
-15°	15	7	4	3	3	0	0
-17.5°	16	7	4	3	3	0	0
-20°	16	7	4	3	3	0	0

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REPORT NUMBER: P627126 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)