

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: P627176 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-750-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627176 (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-750-U-MWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16730.3 lumens
Efficiency: N/A
Efficacy: 137.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 23438.9 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 11205.9 lumens
Beam Efficiency: 67.0%

Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 15079.8 lumens
Field Efficiency: 90.1%

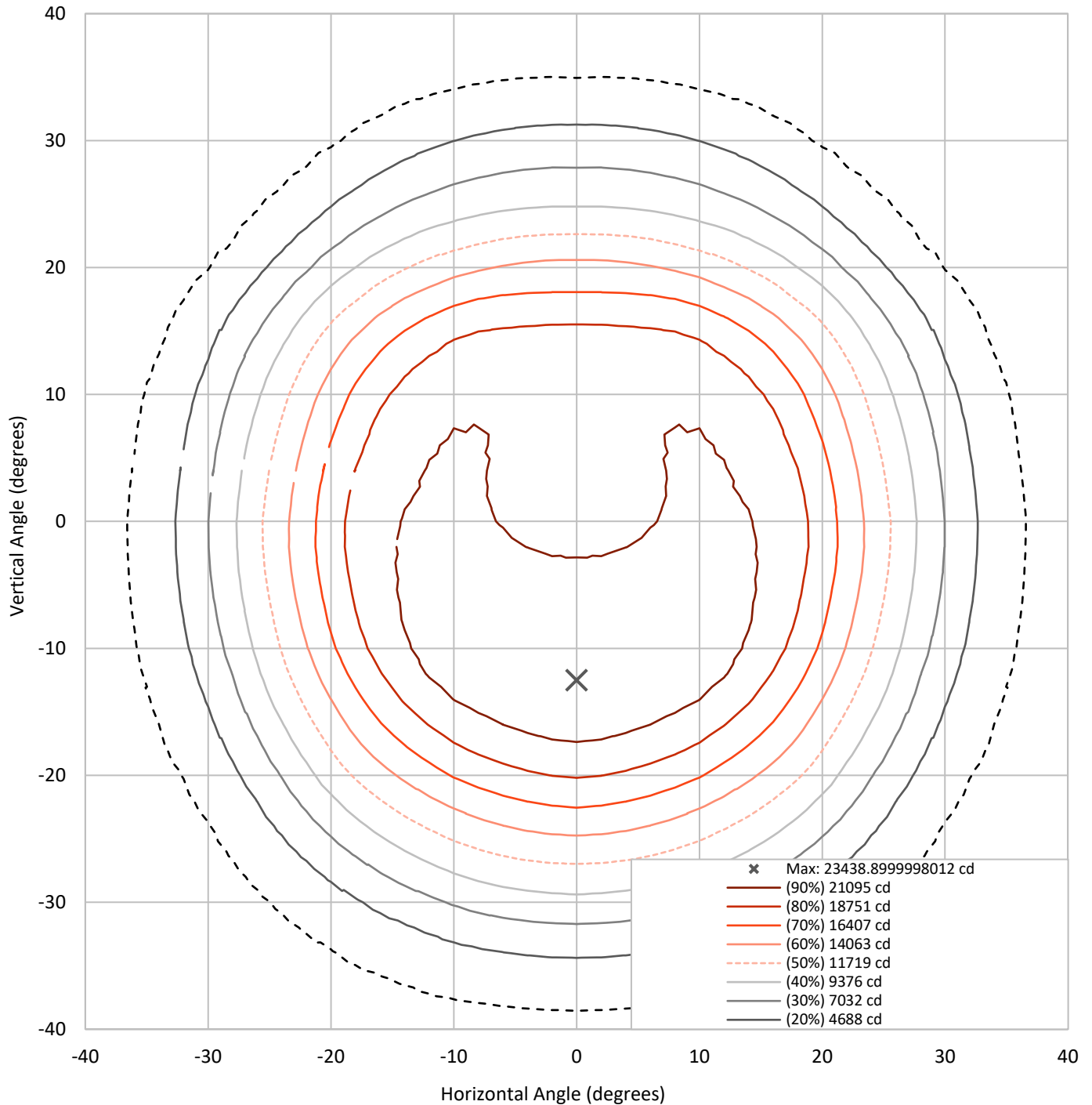
Input Watts (W): 121.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627176 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-U-MWR-VSR-XX

Iso-Candela Plot





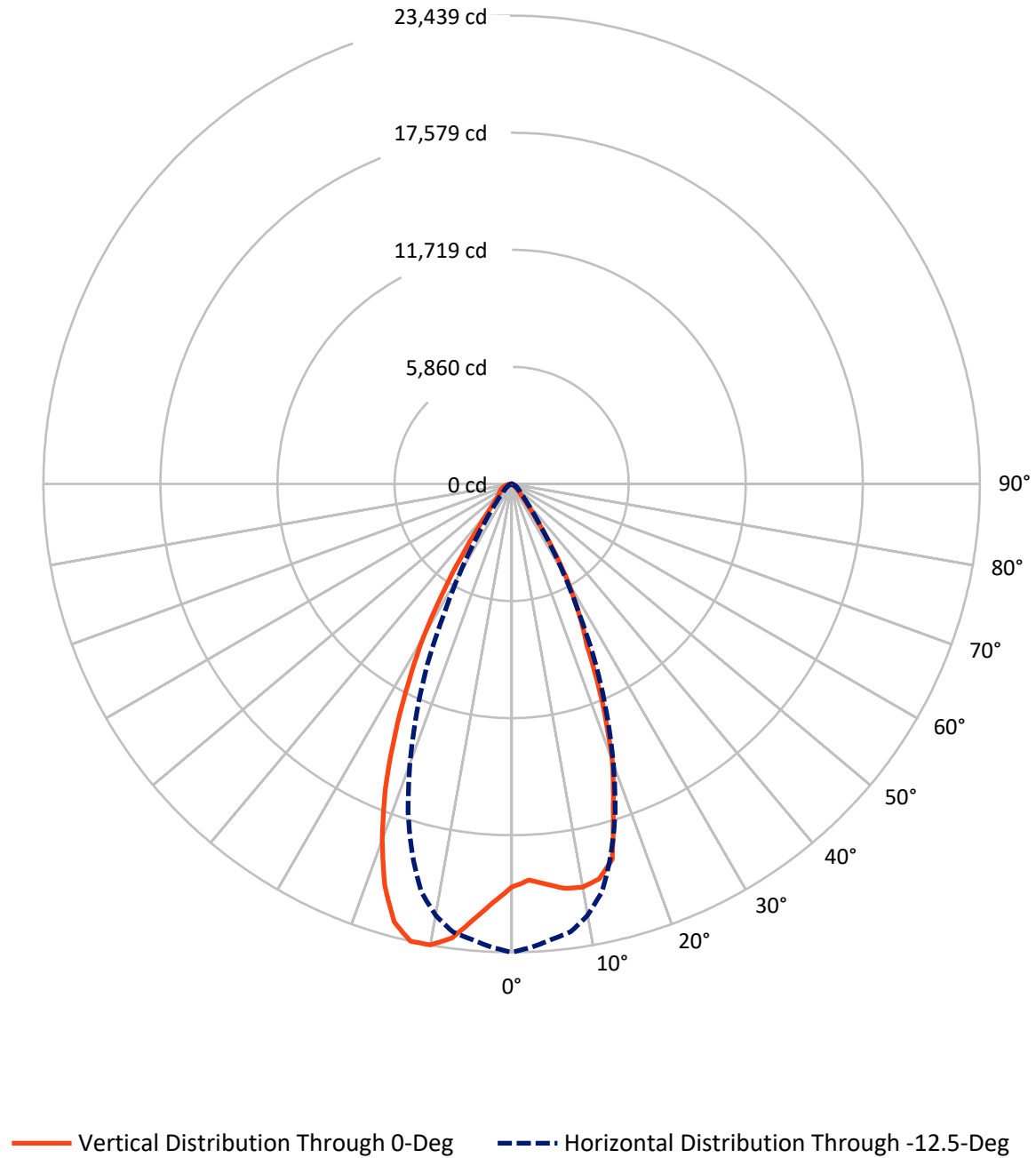
REPORT NUMBER: P627176 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.5	1.4	2.3	3.2	3.7	3.7	3.2	2.3	1.4	0.5	0.1		0.0			
40	0.1	0.1	0.6	2.4	4.7	7.7	11.5	14.1	14.1	11.5	7.7	4.7	2.4	0.6	0.1	0.1			
30		0.3	1.9	4.8	10.0	21.7	49.4	75.4	75.4	49.4	21.7	10.0	4.8	1.9	0.3				
20	0.2	0.7	3.1	7.8	21.0	77.8	200.3	279.9	279.9	200.3	77.8	21.0	7.8	3.1	0.7	0.2			
10		1.1	4.4	12.1	49.9	216.0	450.6	557.8	557.8	450.6	216.0	49.9	12.1	4.4	1.1				
0	0.3	1.5	5.4	15.6	79.6	318.0	580.9	629.8	629.8	580.9	318.0	79.6	15.6	5.4	1.5	0.3			
-10		1.7	5.9	16.7	83.2	328.5	601.8	668.4	668.4	601.8	328.5	83.2	16.7	5.9	1.7				
-20	0.5	1.8	6.0	15.2	59.5	244.6	507.7	648.3	648.3	507.7	244.6	59.5	15.2	6.0	1.8	0.5			
-30		1.8	5.7	12.6	33.3	118.6	282.9	398.1	398.1	282.9	118.6	33.3	12.6	5.7	1.8				
-40	0.4	1.6	5.1	10.5	19.9	42.3	88.4	131.2	131.2	88.4	42.3	19.9	10.5	5.1	1.6	0.4			
-50		1.3	4.3	8.7	14.5	21.4	30.2	35.7	35.7	30.2	21.4	14.5	8.7	4.3	1.3				
-60	0.3	1.0	3.2	6.9	11.4	15.8	19.7	21.6	21.6	19.7	15.8	11.4	6.9	3.2	1.0	0.3			
-70		0.7	2.1	4.7	8.0	11.3	14.3	16.0	16.0	14.3	11.3	8.0	4.7	2.1	0.7				
-80	0.1	1.8	8.4	17.9	23.0	17.9	8.4	1.8	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

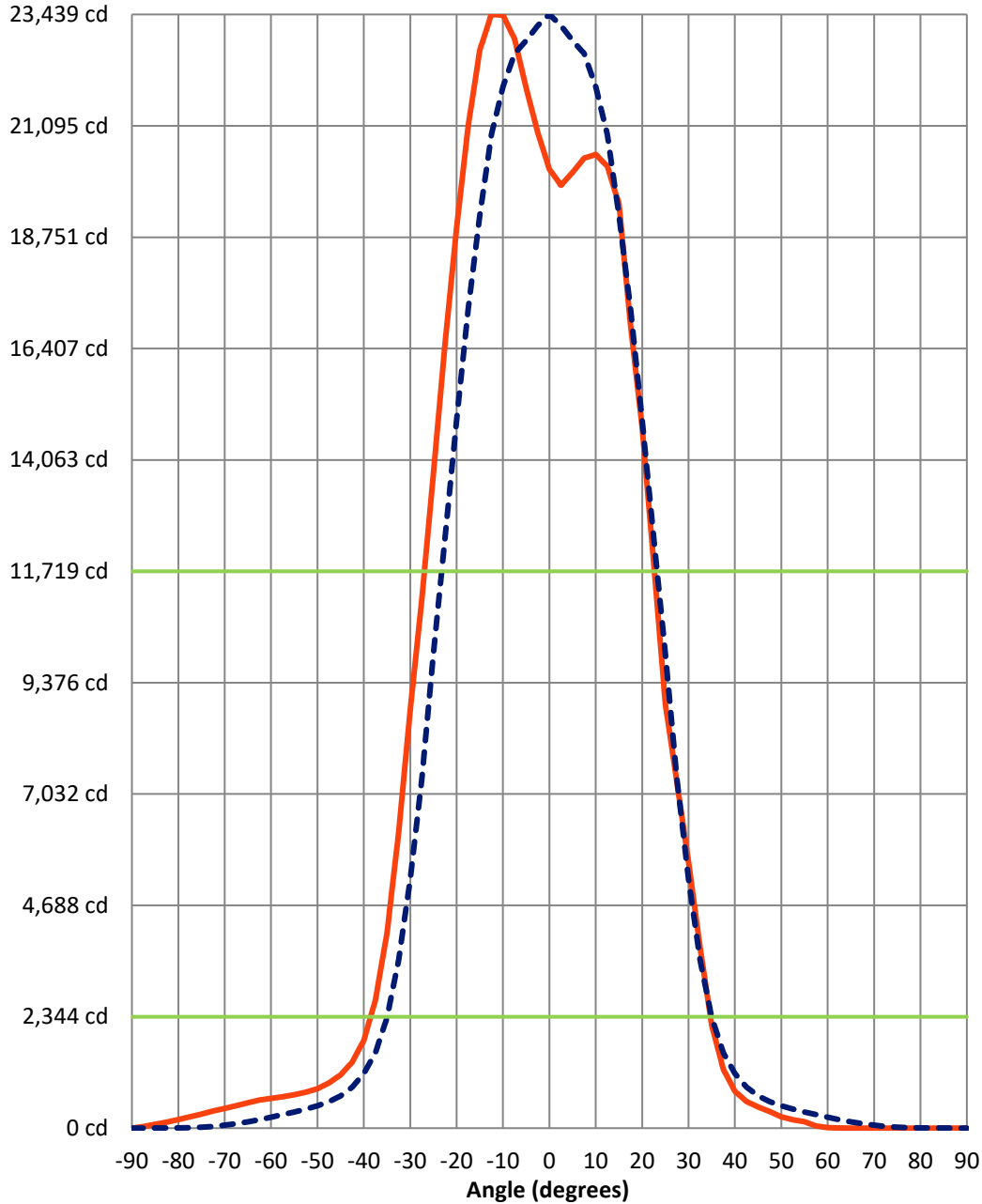
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 11205.9
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 15079.8
 Efficiency: 90.1%

Spill:
 Lumens: 1650.5
 Efficiency: 9.9%

— 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	1	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	1	0
65°	0	0	0	1	2	1	1	0	1	1	1
62.5°	0	0	0	1	2	1	1	1	2	2	2
60°	0	0	0	2	2	2	1	2	3	3	3
57.5°	0	0	0	2	2	2	1	3	3	3	4
55°	0	0	1	2	3	2	2	4	4	4	4
52.5°	0	0	1	3	3	2	3	4	4	4	4
50°	0	0	1	3	3	2	3	4	4	4	4
47.5°	0	0	1	4	3	3	4	4	4	4	5
45°	0	0	2	4	3	3	4	5	4	5	6
42.5°	0	0	2	4	3	3	5	5	4	6	8
40°	0	0	2	4	3	4	5	5	5	7	9
37.5°	0	0	2	4	3	4	5	5	6	9	11
35°	0	0	2	4	4	4	6	6	8	11	14
32.5°	0	0	3	4	4	4	6	6	9	14	23
30°	0	0	3	4	4	5	7	6	11	17	31
27.5°	0	0	3	4	4	5	7	8	13	20	38
25°	0	0	3	4	4	6	7	9	16	26	45
22.5°	0	0	3	4	4	6	7	10	19	32	53
20°	0	0	3	4	4	7	8	11	22	37	61
17.5°	0	0	3	4	4	7	8	13	25	41	69
15°	0	0	4	4	4	7	8	14	28	46	78
12.5°	0	0	4	4	4	7	9	17	32	49	86
10°	0	0	4	4	4	7	9	20	35	55	93
7.5°	0	0	4	4	4	8	10	23	37	62	100
5°	0	0	4	4	4	8	10	25	39	68	105
2.5°	0	0	4	4	4	8	11	28	41	75	108
0°	0	0	4	4	4	8	11	31	42	81	111
-2.5°	0	0	4	4	4	8	14	32	48	84	117
-5°	0	0	4	4	4	8	15	33	53	87	123
-7.5°	0	0	4	4	5	9	17	33	57	90	127
-10°	0	0	4	4	5	9	19	34	61	92	130
-12.5°	0	0	4	4	5	9	20	34	64	94	133
-15°	0	0	4	4	6	10	21	35	64	95	134
-17.5°	0	1	4	4	6	10	22	36	64	96	134
-20°	0	1	3	4	6	10	22	38	63	95	132

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Scaled Data Report



REPORT NUMBER: P627176 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-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	1	3	4	6	10	22	38	62	94	129
-25°	0	1	3	4	6	11	22	39	61	92	124
-27.5°	0	1	3	4	6	11	22	39	59	89	121
-30°	0	1	3	4	6	12	21	38	59	87	118
-32.5°	0	1	3	4	6	12	21	37	58	84	113
-35°	0	1	3	4	6	12	21	36	56	81	107
-37.5°	0	1	3	4	6	13	21	35	54	79	106
-40°	0	1	3	4	6	13	21	34	51	75	104
-42.5°	0	1	3	4	6	13	21	32	48	72	100
-45°	0	1	3	4	7	13	20	31	46	67	96
-47.5°	0	1	3	4	7	12	20	30	44	62	90
-50°	0	1	3	4	7	12	19	29	42	60	83
-52.5°	0	1	3	4	7	12	19	27	40	56	76
-55°	0	1	3	5	7	11	18	26	38	53	71
-57.5°	0	1	3	5	7	11	17	25	36	49	66
-60°	0	1	3	5	7	11	16	23	33	46	61
-62.5°	0	1	3	5	7	10	15	22	31	42	56
-65°	0	1	3	5	6	9	14	20	28	38	50
-67.5°	0	1	3	5	6	9	13	18	25	34	44
-70°	0	1	2	5	6	8	11	16	22	29	38
-72.5°	0	1	2	4	6	8	10	14	19	25	32
-75°	0	0	2	4	6	7	9	12	15	20	26
-77.5°	0	0	2	3	5	7	9	11	13	16	20
-80°	0	0	1	2	4	6	8	9	12	14	17
-82.5°	0	0	1	2	3	4	6	8	10	11	13
-85°	0	0	1	1	2	3	4	5	7	8	10
-87.5°	0	0	0	1	1	1	2	3	3	4	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627176 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-750-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°	2	2	2	1	0	1	1	1	0	0	0
62.5°	4	3	2	2	2	3	2	1	0	1	1
60°	4	3	3	3	4	3	2	3	3	4	9
57.5°	4	4	3	4	4	4	5	5	14	23	25
55°	4	4	4	5	6	7	10	21	32	40	43
52.5°	4	4	6	7	9	15	27	39	49	57	68
50°	5	6	8	11	17	30	45	59	72	84	99
47.5°	6	8	12	17	31	48	66	84	99	116	137
45°	8	12	16	30	47	69	91	111	127	147	166
42.5°	10	19	28	42	67	93	118	134	152	174	199
40°	16	26	40	62	89	119	141	159	178	208	239
37.5°	24	37	54	82	114	144	165	186	214	249	285
35°	32	47	71	103	139	166	190	217	255	295	338
32.5°	41	57	89	124	158	188	214	254	294	339	397
30°	49	71	106	145	177	207	245	289	329	383	452
27.5°	58	86	124	162	194	226	275	318	364	426	509
25°	68	102	140	177	211	251	305	351	397	477	588
22.5°	80	117	156	191	226	277	335	392	453	532	669
20°	93	131	171	208	242	303	368	437	520	630	810
17.5°	105	143	185	225	268	329	402	484	587	724	989
15°	115	155	199	242	292	357	437	537	663	833	1162
12.5°	125	165	212	259	313	382	468	577	725	970	1383
10°	134	174	224	275	332	404	494	610	775	1068	1548
7.5°	141	184	236	291	349	423	517	637	820	1145	1677
5°	148	195	246	302	361	439	536	658	858	1201	1776
2.5°	153	206	254	311	370	452	550	677	894	1248	1860
0°	158	215	261	319	377	461	561	692	922	1280	1925
-2.5°	163	220	270	325	387	468	566	702	931	1284	1912
-5°	168	223	278	329	396	472	567	706	930	1274	1873
-7.5°	171	226	283	333	400	474	568	704	921	1253	1809
-10°	174	228	285	337	402	473	565	695	899	1211	1713
-12.5°	178	230	286	339	401	471	558	680	864	1150	1589
-15°	180	232	285	339	399	466	546	658	818	1067	1435
-17.5°	181	232	284	336	396	458	530	632	776	995	1325
-20°	181	231	282	331	391	450	519	612	741	925	1192

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CATALOG NUMBER: GFLD-SA3C-750-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°	179	230	280	326	384	442	506	587	696	847	1062
-25°	176	227	277	323	375	433	489	561	655	789	968
-27.5°	169	222	271	318	366	422	475	540	622	725	869
-30°	161	216	264	311	358	410	461	516	589	678	794
-32.5°	153	208	255	302	349	398	447	497	559	634	724
-35°	147	199	247	291	337	385	431	479	530	596	673
-37.5°	143	190	238	279	324	370	415	460	507	559	629
-40°	139	180	228	270	309	354	398	440	484	536	590
-42.5°	133	173	217	259	297	339	380	421	465	513	563
-45°	127	165	207	246	284	323	363	401	444	489	536
-47.5°	120	156	195	230	268	307	345	384	421	463	508
-50°	111	145	181	215	249	287	325	364	401	437	476
-52.5°	103	132	167	200	231	263	302	342	378	414	449
-55°	93	121	152	184	215	243	277	317	353	388	424
-57.5°	85	109	137	168	198	228	259	292	328	362	397
-60°	78	97	122	150	180	209	240	271	303	336	367
-62.5°	71	88	107	131	159	188	217	246	277	305	333
-65°	64	77	94	114	136	162	190	218	246	271	294
-67.5°	57	69	82	97	116	138	160	186	211	235	258
-70°	49	59	71	83	98	116	136	156	177	198	220
-72.5°	41	50	60	70	83	98	114	130	148	167	185
-75°	33	41	49	58	68	81	94	108	122	137	153
-77.5°	26	33	39	46	54	64	74	86	97	109	121
-80°	20	24	30	36	42	49	56	64	72	82	92
-82.5°	16	19	22	26	30	35	40	45	52	59	66
-85°	11	13	15	18	20	23	26	29	33	37	42
-87.5°	6	7	8	9	10	11	12	14	16	18	20
-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	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	2	3	3	3	3
60°	10	7	10	13	12	9	14	16	14	12	12
57.5°	27	29	33	39	43	46	49	53	56	58	59
55°	49	59	70	74	83	95	106	107	109	112	118
52.5°	79	91	96	105	121	132	137	146	155	165	173
50°	115	125	136	151	166	177	180	196	215	230	240
47.5°	151	164	185	211	224	236	252	272	293	316	333
45°	184	208	235	257	275	295	317	342	375	406	430
42.5°	222	249	276	303	322	355	393	423	470	512	539
40°	267	293	332	365	405	447	512	572	632	702	753
37.5°	320	361	415	468	528	590	706	825	921	1058	1133
35°	384	447	524	603	699	848	1017	1246	1485	1683	1874
32.5°	458	538	645	786	948	1186	1441	1863	2274	2685	3089
30°	531	647	811	1005	1270	1648	2127	2779	3486	4105	4665
27.5°	628	793	1005	1295	1746	2300	3185	4091	4991	5794	6371
25°	746	966	1266	1747	2398	3316	4503	5613	6669	7457	8121
22.5°	915	1246	1672	2284	3466	4743	6163	7560	8746	9739	10393
20°	1125	1573	2285	3394	4785	6381	8209	9678	11139	12256	13254
17.5°	1422	2135	3141	4549	6211	8340	10222	11861	13716	14857	15875
15°	1689	2605	4039	5836	7783	10040	12259	14267	16057	17312	18449
12.5°	2027	3105	4754	6867	8997	11509	13816	15966	17720	19010	19806
10°	2330	3618	5468	7678	10062	12687	15078	17315	19014	20012	20597
7.5°	2574	4044	6046	8372	10889	13531	16056	18277	19902	20737	21137
5°	2763	4360	6499	8940	11555	14258	16836	19009	20378	21068	21292
2.5°	2905	4580	6804	9315	12005	14795	17427	19569	20737	21235	21309
0°	3001	4735	7002	9550	12390	14988	17747	19922	21033	21433	21471
-2.5°	2979	4679	6993	9465	12346	15075	17798	19945	21134	21671	21758
-5°	2918	4547	6761	9223	11995	14727	17325	19592	21051	21862	22221
-7.5°	2801	4320	6365	8760	11426	14161	16810	19162	20841	21982	22685
-10°	2602	3987	5857	8174	10802	13408	16027	18468	20275	21649	22628
-12.5°	2330	3536	5239	7345	9986	12420	14899	17238	19211	20905	21917
-15°	2050	3067	4596	6523	8822	11219	13510	15805	17752	19336	20598
-17.5°	1850	2656	3852	5538	7557	9831	12066	14174	15931	17420	18744
-20°	1597	2195	3142	4560	6338	8325	10466	12342	13912	15308	16573

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REPORT NUMBER: P627176 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-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°	1395	1880	2564	3531	5128	6881	8633	10360	11835	13079	14158
-25°	1212	1552	2087	2874	3912	5426	6902	8360	9723	10878	11850
-27.5°	1069	1339	1696	2256	3044	3927	5220	6439	7610	8667	9584
-30°	938	1141	1420	1770	2306	2962	3740	4652	5585	6420	7252
-32.5°	844	989	1180	1440	1740	2210	2680	3294	3885	4493	5091
-35°	760	876	1007	1181	1386	1661	1970	2345	2661	3060	3427
-37.5°	702	784	884	994	1141	1294	1504	1731	1927	2149	2336
-40°	654	719	786	860	961	1065	1200	1328	1452	1587	1688
-42.5°	614	666	715	772	832	915	1005	1085	1161	1240	1306
-45°	583	621	660	705	750	810	875	934	983	1028	1064
-47.5°	549	583	618	652	691	735	777	815	856	890	915
-50°	515	550	581	611	644	678	712	742	771	797	813
-52.5°	483	518	549	576	605	633	661	688	713	736	747
-55°	458	491	522	547	570	594	619	645	669	690	697
-57.5°	431	464	494	517	539	560	583	607	630	650	657
-60°	400	435	461	482	505	528	550	571	592	610	617
-62.5°	363	394	418	439	459	478	502	525	547	565	575
-65°	319	345	369	390	410	428	450	471	491	507	518
-67.5°	280	301	320	339	358	377	398	417	436	450	459
-70°	241	261	279	297	314	330	347	364	380	392	401
-72.5°	204	221	237	252	268	283	297	311	325	335	344
-75°	169	183	197	210	223	235	246	257	267	276	284
-77.5°	133	145	156	168	179	188	197	205	213	221	228
-80°	102	110	119	127	136	143	149	156	162	168	173
-82.5°	73	79	84	90	95	100	105	110	114	119	123
-85°	46	50	53	56	59	62	65	68	70	73	76
-87.5°	22	23	25	26	28	29	31	32	33	35	36
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627176 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-750-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	4	4	4	4	4	3	3	3	3	3
60°	12	11	11	12	11	11	12	12	12	14	16
57.5°	58	54	50	46	50	54	58	59	58	56	53
55°	126	133	136	135	136	133	126	118	112	109	107
52.5°	178	182	181	177	181	182	178	173	165	155	146
50°	244	244	242	238	242	244	244	240	230	215	196
47.5°	343	348	350	350	350	348	343	333	316	293	272
45°	439	444	446	446	446	444	439	430	406	375	342
42.5°	553	561	564	561	564	561	553	539	512	470	423
40°	783	793	788	776	788	793	783	753	702	632	572
37.5°	1186	1225	1241	1241	1241	1225	1186	1133	1058	921	825
35°	2046	2183	2246	2168	2246	2183	2046	1874	1683	1485	1246
32.5°	3417	3660	3797	3797	3797	3660	3417	3089	2685	2274	1863
30°	5088	5392	5563	5599	5563	5392	5088	4665	4105	3486	2779
27.5°	6821	7135	7299	7275	7299	7135	6821	6371	5794	4991	4091
25°	8560	8798	8935	8939	8935	8798	8560	8121	7457	6669	5613
22.5°	11129	11629	11835	11891	11835	11629	11129	10393	9739	8746	7560
20°	13929	14414	14727	14746	14727	14414	13929	13254	12256	11139	9678
17.5°	16597	16837	16882	16902	16882	16837	16597	15875	14857	13716	11861
15°	19111	19196	19418	19446	19418	19196	19111	18449	17312	16057	14267
12.5°	20306	20383	20345	20242	20345	20383	20306	19806	19010	17720	15966
10°	20957	20848	20686	20491	20686	20848	20957	20597	20012	19014	17315
7.5°	21104	20983	20698	20414	20698	20983	21104	21137	20737	19902	18277
5°	21174	20819	20459	20115	20459	20819	21174	21292	21068	20378	19009
2.5°	21133	20711	20215	19846	20215	20711	21133	21309	21235	20737	19569
0°	21268	20841	20322	20184	20322	20841	21268	21471	21433	21033	19922
-2.5°	21643	21297	21026	20952	21026	21297	21643	21758	21671	21134	19945
-5°	22318	22242	21782	21890	21782	22242	22318	22221	21862	21051	19592
-7.5°	22971	22863	22668	22920	22668	22863	22971	22685	21982	20841	19162
-10°	23144	23109	23200	23423	23200	23109	23144	22628	21649	20275	18468
-12.5°	22613	22891	23204	23439	23204	22891	22613	21917	20905	19211	17238
-15°	21427	21997	22464	22686	22464	21997	21427	20598	19336	17752	15805
-17.5°	19681	20380	20933	21091	20933	20380	19681	18744	17420	15931	14174
-20°	17531	18242	18745	18946	18745	18242	17531	16573	15308	13912	12342

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REPORT NUMBER: P627176 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15111	15805	16262	16502	16262	15805	15111	14158	13079	11835	10360
-25°	12656	13266	13671	13777	13671	13266	12656	11850	10878	9723	8360
-27.5°	10307	10798	11097	11130	11097	10798	10307	9584	8667	7610	6439
-30°	7945	8401	8659	8797	8659	8401	7945	7252	6420	5585	4652
-32.5°	5580	5941	6161	6218	6161	5941	5580	5091	4493	3885	3294
-35°	3720	3945	4084	4112	4084	3945	3720	3427	3060	2661	2345
-37.5°	2487	2597	2665	2698	2665	2597	2487	2336	2149	1927	1731
-40°	1762	1814	1843	1849	1843	1814	1762	1688	1587	1452	1328
-42.5°	1348	1374	1388	1391	1388	1374	1348	1306	1240	1161	1085
-45°	1089	1107	1119	1122	1119	1107	1089	1064	1028	983	934
-47.5°	932	944	951	953	951	944	932	915	890	856	815
-50°	822	829	831	830	831	829	822	813	797	771	742
-52.5°	753	757	759	757	759	757	753	747	736	713	688
-55°	702	705	705	703	705	705	702	697	690	669	645
-57.5°	662	666	665	661	665	666	662	657	650	630	607
-60°	623	628	628	626	628	628	623	617	610	592	571
-62.5°	585	592	593	592	593	592	585	575	565	547	525
-65°	529	538	538	534	538	538	529	518	507	491	471
-67.5°	467	474	474	473	474	474	467	459	450	436	417
-70°	409	416	417	415	417	416	409	401	392	380	364
-72.5°	352	359	361	361	361	359	352	344	335	325	311
-75°	291	298	298	296	298	298	291	284	276	267	257
-77.5°	234	241	240	238	240	241	234	228	221	213	205
-80°	179	184	182	181	182	184	179	173	168	162	156
-82.5°	126	130	129	127	129	130	126	123	119	114	110
-85°	78	80	81	81	81	80	78	76	73	70	68
-87.5°	37	38	36	35	36	38	37	36	35	33	32
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627176 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-750-U-MWR-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°	0	0	0	0	0	0	0	0	0	0	1
62.5°	2	1	1	1	1	1	1	1	1	0	1
60°	14	9	12	13	10	7	10	9	4	3	3
57.5°	49	46	43	39	33	29	27	25	23	14	5
55°	106	95	83	74	70	59	49	43	40	32	21
52.5°	137	132	121	105	96	91	79	68	57	49	39
50°	180	177	166	151	136	125	115	99	84	72	59
47.5°	252	236	224	211	185	164	151	137	116	99	84
45°	317	295	275	257	235	208	184	166	147	127	111
42.5°	393	355	322	303	276	249	222	199	174	152	134
40°	512	447	405	365	332	293	267	239	208	178	159
37.5°	706	590	528	468	415	361	320	285	249	214	186
35°	1017	848	699	603	524	447	384	338	295	255	217
32.5°	1441	1186	948	786	645	538	458	397	339	294	254
30°	2127	1648	1270	1005	811	647	531	452	383	329	289
27.5°	3185	2300	1746	1295	1005	793	628	509	426	364	318
25°	4503	3316	2398	1747	1266	966	746	588	477	397	351
22.5°	6163	4743	3466	2284	1672	1246	915	669	532	453	392
20°	8209	6381	4785	3394	2285	1573	1125	810	630	520	437
17.5°	10222	8340	6211	4549	3141	2135	1422	989	724	587	484
15°	12259	10040	7783	5836	4039	2605	1689	1162	833	663	537
12.5°	13816	11509	8997	6867	4754	3105	2027	1383	970	725	577
10°	15078	12687	10062	7678	5468	3618	2330	1548	1068	775	610
7.5°	16056	13531	10889	8372	6046	4044	2574	1677	1145	820	637
5°	16836	14258	11555	8940	6499	4360	2763	1776	1201	858	658
2.5°	17427	14795	12005	9315	6804	4580	2905	1860	1248	894	677
0°	17747	14988	12390	9550	7002	4735	3001	1925	1280	922	692
-2.5°	17798	15075	12346	9465	6993	4679	2979	1912	1284	931	702
-5°	17325	14727	11995	9223	6761	4547	2918	1873	1274	930	706
-7.5°	16810	14161	11426	8760	6365	4320	2801	1809	1253	921	704
-10°	16027	13408	10802	8174	5857	3987	2602	1713	1211	899	695
-12.5°	14899	12420	9986	7345	5239	3536	2330	1589	1150	864	680
-15°	13510	11219	8822	6523	4596	3067	2050	1435	1067	818	658
-17.5°	12066	9831	7557	5538	3852	2656	1850	1325	995	776	632
-20°	10466	8325	6338	4560	3142	2195	1597	1192	925	741	612

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REPORT NUMBER: P627176 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8633	6881	5128	3531	2564	1880	1395	1062	847	696	587
-25°	6902	5426	3912	2874	2087	1552	1212	968	789	655	561
-27.5°	5220	3927	3044	2256	1696	1339	1069	869	725	622	540
-30°	3740	2962	2306	1770	1420	1141	938	794	678	589	516
-32.5°	2680	2210	1740	1440	1180	989	844	724	634	559	497
-35°	1970	1661	1386	1181	1007	876	760	673	596	530	479
-37.5°	1504	1294	1141	994	884	784	702	629	559	507	460
-40°	1200	1065	961	860	786	719	654	590	536	484	440
-42.5°	1005	915	832	772	715	666	614	563	513	465	421
-45°	875	810	750	705	660	621	583	536	489	444	401
-47.5°	777	735	691	652	618	583	549	508	463	421	384
-50°	712	678	644	611	581	550	515	476	437	401	364
-52.5°	661	633	605	576	549	518	483	449	414	378	342
-55°	619	594	570	547	522	491	458	424	388	353	317
-57.5°	583	560	539	517	494	464	431	397	362	328	292
-60°	550	528	505	482	461	435	400	367	336	303	271
-62.5°	502	478	459	439	418	394	363	333	305	277	246
-65°	450	428	410	390	369	345	319	294	271	246	218
-67.5°	398	377	358	339	320	301	280	258	235	211	186
-70°	347	330	314	297	279	261	241	220	198	177	156
-72.5°	297	283	268	252	237	221	204	185	167	148	130
-75°	246	235	223	210	197	183	169	153	137	122	108
-77.5°	197	188	179	168	156	145	133	121	109	97	86
-80°	149	143	136	127	119	110	102	92	82	72	64
-82.5°	105	100	95	90	84	79	73	66	59	52	45
-85°	65	62	59	56	53	50	46	42	37	33	29
-87.5°	31	29	28	26	25	23	22	20	18	16	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627176 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-750-U-MWR-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	1	1	1	0	0	1	0	0
65°	1	1	0	1	2	2	2	1	1	1	0
62.5°	2	3	2	2	2	3	4	2	2	2	1
60°	2	3	4	3	3	3	4	3	3	3	2
57.5°	5	4	4	4	3	4	4	4	3	3	3
55°	10	7	6	5	4	4	4	4	4	4	4
52.5°	27	15	9	7	6	4	4	4	4	4	4
50°	45	30	17	11	8	6	5	4	4	4	4
47.5°	66	48	31	17	12	8	6	5	4	4	4
45°	91	69	47	30	16	12	8	6	5	4	5
42.5°	118	93	67	42	28	19	10	8	6	4	5
40°	141	119	89	62	40	26	16	9	7	5	5
37.5°	165	144	114	82	54	37	24	11	9	6	5
35°	190	166	139	103	71	47	32	14	11	8	6
32.5°	214	188	158	124	89	57	41	23	14	9	6
30°	245	207	177	145	106	71	49	31	17	11	6
27.5°	275	226	194	162	124	86	58	38	20	13	8
25°	305	251	211	177	140	102	68	45	26	16	9
22.5°	335	277	226	191	156	117	80	53	32	19	10
20°	368	303	242	208	171	131	93	61	37	22	11
17.5°	402	329	268	225	185	143	105	69	41	25	13
15°	437	357	292	242	199	155	115	78	46	28	14
12.5°	468	382	313	259	212	165	125	86	49	32	17
10°	494	404	332	275	224	174	134	93	55	35	20
7.5°	517	423	349	291	236	184	141	100	62	37	23
5°	536	439	361	302	246	195	148	105	68	39	25
2.5°	550	452	370	311	254	206	153	108	75	41	28
0°	561	461	377	319	261	215	158	111	81	42	31
-2.5°	566	468	387	325	270	220	163	117	84	48	32
-5°	567	472	396	329	278	223	168	123	87	53	33
-7.5°	568	474	400	333	283	226	171	127	90	57	33
-10°	565	473	402	337	285	228	174	130	92	61	34
-12.5°	558	471	401	339	286	230	178	133	94	64	34
-15°	546	466	399	339	285	232	180	134	95	64	35
-17.5°	530	458	396	336	284	232	181	134	96	64	36
-20°	519	450	391	331	282	231	181	132	95	63	38

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REPORT NUMBER: P627176 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	506	442	384	326	280	230	179	129	94	62	38
-25°	489	433	375	323	277	227	176	124	92	61	39
-27.5°	475	422	366	318	271	222	169	121	89	59	39
-30°	461	410	358	311	264	216	161	118	87	59	38
-32.5°	447	398	349	302	255	208	153	113	84	58	37
-35°	431	385	337	291	247	199	147	107	81	56	36
-37.5°	415	370	324	279	238	190	143	106	79	54	35
-40°	398	354	309	270	228	180	139	104	75	51	34
-42.5°	380	339	297	259	217	173	133	100	72	48	32
-45°	363	323	284	246	207	165	127	96	67	46	31
-47.5°	345	307	268	230	195	156	120	90	62	44	30
-50°	325	287	249	215	181	145	111	83	60	42	29
-52.5°	302	263	231	200	167	132	103	76	56	40	27
-55°	277	243	215	184	152	121	93	71	53	38	26
-57.5°	259	228	198	168	137	109	85	66	49	36	25
-60°	240	209	180	150	122	97	78	61	46	33	23
-62.5°	217	188	159	131	107	88	71	56	42	31	22
-65°	190	162	136	114	94	77	64	50	38	28	20
-67.5°	160	138	116	97	82	69	57	44	34	25	18
-70°	136	116	98	83	71	59	49	38	29	22	16
-72.5°	114	98	83	70	60	50	41	32	25	19	14
-75°	94	81	68	58	49	41	33	26	20	15	12
-77.5°	74	64	54	46	39	33	26	20	16	13	11
-80°	56	49	42	36	30	24	20	17	14	12	9
-82.5°	40	35	30	26	22	19	16	13	11	10	8
-85°	26	23	20	18	15	13	11	10	8	7	5
-87.5°	12	11	10	9	8	7	6	5	4	3	3
-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: P627176 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-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	1	0	0	0	0	0
70°	0	1	1	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	1	1	2	1	0	0	0
62.5°	1	1	2	1	0	0	0
60°	1	2	2	2	0	0	0
57.5°	1	2	2	2	0	0	0
55°	2	2	3	2	1	0	0
52.5°	3	2	3	3	1	0	0
50°	3	2	3	3	1	0	0
47.5°	4	3	3	4	1	0	0
45°	4	3	3	4	2	0	0
42.5°	5	3	3	4	2	0	0
40°	5	4	3	4	2	0	0
37.5°	5	4	3	4	2	0	0
35°	6	4	4	4	2	0	0
32.5°	6	4	4	4	3	0	0
30°	7	5	4	4	3	0	0
27.5°	7	5	4	4	3	0	0
25°	7	6	4	4	3	0	0
22.5°	7	6	4	4	3	0	0
20°	8	7	4	4	3	0	0
17.5°	8	7	4	4	3	0	0
15°	8	7	4	4	4	0	0
12.5°	9	7	4	4	4	0	0
10°	9	7	4	4	4	0	0
7.5°	10	8	4	4	4	0	0
5°	10	8	4	4	4	0	0
2.5°	11	8	4	4	4	0	0
0°	11	8	4	4	4	0	0
-2.5°	14	8	4	4	4	0	0
-5°	15	8	4	4	4	0	0
-7.5°	17	9	5	4	4	0	0
-10°	19	9	5	4	4	0	0
-12.5°	20	9	5	4	4	0	0
-15°	21	10	6	4	4	0	0
-17.5°	22	10	6	4	4	1	0
-20°	22	10	6	4	3	1	0

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REPORT NUMBER: P627176 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)