

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: P627226 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-740-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627226 (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-SA3D-740-U-MWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

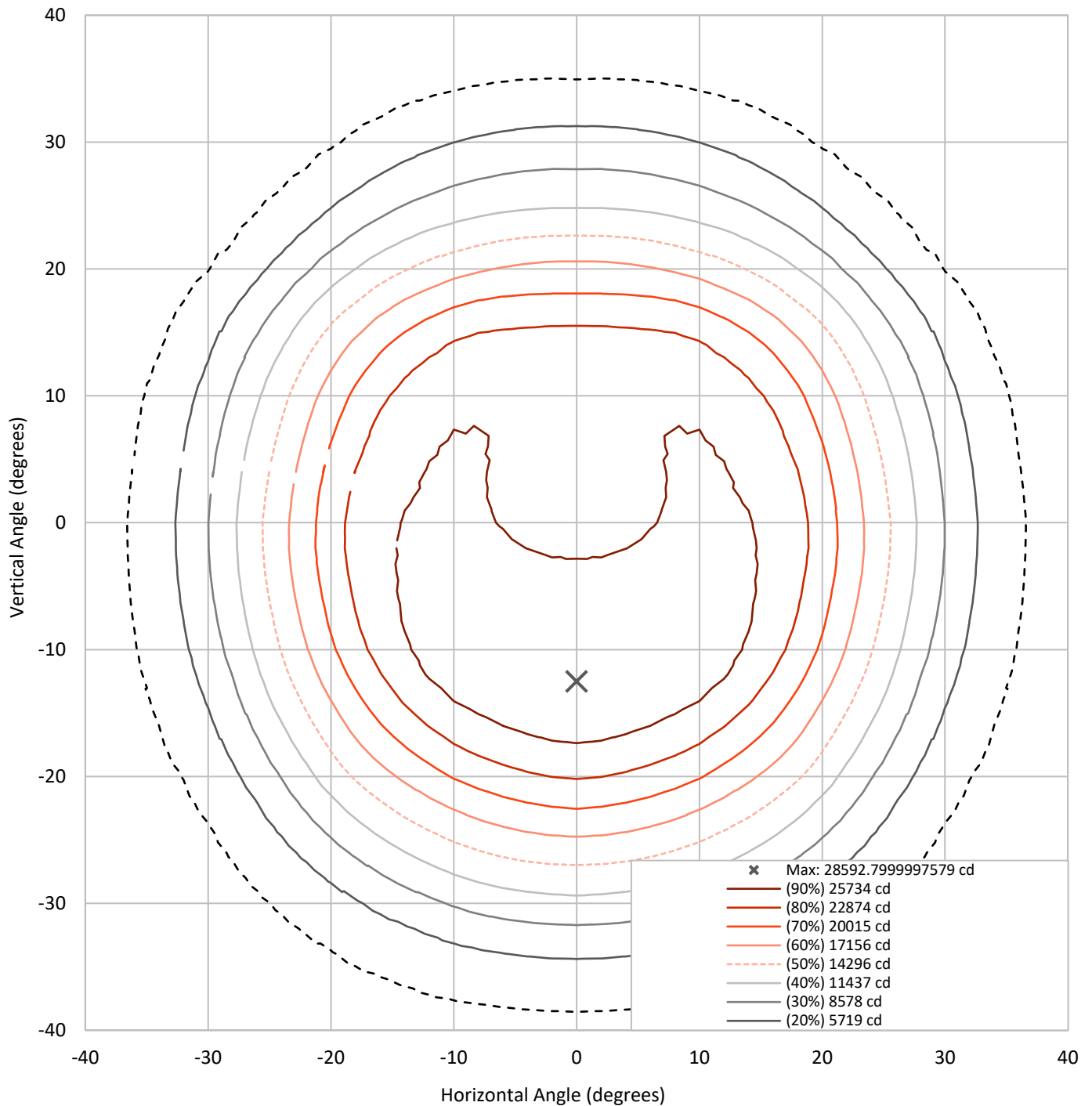
Lumens per Lamp:	N/A	NEMA Type:	4H x 5V
Luminaire Lumens:	20409.1 lumens	Max Intensity:	28592.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -12.5°V
Efficacy:	127.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	46.4°H x 49.6°V	Field Angle (10%):	69.9°H x 73.3°V
Beam Lumens:	13669.9 lumens	Field Lumens:	18405.4 lumens
Beam Efficiency:	67.0%	Field Efficiency:	90.2%
Input Watts (W):	160.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627226 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-MWR-VSR-XX

Iso-Candela Plot





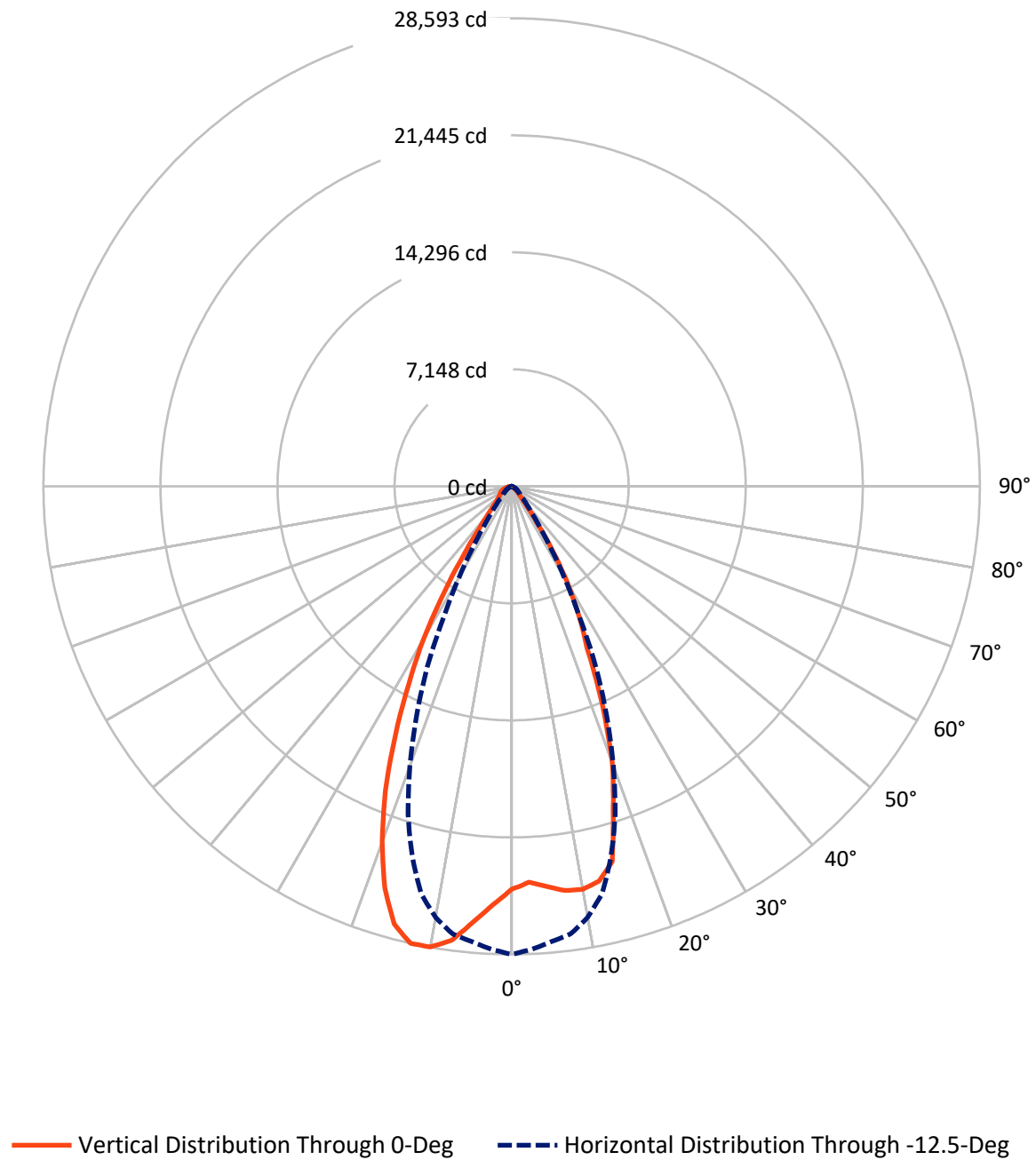
REPORT NUMBER: P627226 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0					
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		0.1	0.1	0.7	1.7	2.8	3.9	4.5	4.5	3.9	2.8	1.7	0.7	0.1	0.1				
40	0.1	0.1	0.8	2.9	5.7	9.4	14.0	17.2	17.2	14.0	9.4	5.7	2.9	0.8	0.1	0.1			
30		0.4	2.3	5.9	12.2	26.5	60.2	92.0	92.0	60.2	26.5	12.2	5.9	2.3	0.4				
20	0.2	0.8	3.8	9.5	25.6	94.9	244.3	341.5	341.5	244.3	94.9	25.6	9.5	3.8	0.8	0.2			
10		1.3	5.3	14.7	60.9	263.5	549.6	680.5	680.5	549.6	263.5	60.9	14.7	5.3	1.3				
0	0.4	1.8	6.6	19.0	97.0	388.0	708.7	768.3	768.3	708.7	388.0	97.0	19.0	6.6	1.8	0.4			
-10		2.1	7.3	20.3	101.5	400.7	734.2	815.4	815.4	734.2	400.7	101.5	20.3	7.3	2.1				
-20	0.6	2.2	7.4	18.5	72.6	298.3	619.4	790.8	790.8	619.4	298.3	72.6	18.5	7.4	2.2	0.6			
-30		2.2	7.0	15.4	40.6	144.7	345.1	485.6	485.6	345.1	144.7	40.6	15.4	7.0	2.2				
-40	0.5	1.9	6.3	12.8	24.2	51.5	107.8	160.0	160.0	107.8	51.5	24.2	12.8	6.3	1.9	0.5			
-50		1.6	5.3	10.6	17.7	26.2	36.8	43.6	43.6	36.8	26.2	17.7	10.6	5.3	1.6				
-60	0.4	1.2	4.0	8.4	13.9	19.3	24.0	26.3	26.3	24.0	19.3	13.9	8.4	4.0	1.2	0.4			
-70		0.8	2.5	5.7	9.8	13.8	17.5	19.5	19.5	17.5	13.8	9.8	5.7	2.5	0.8				
-80	0.2	2.3		10.3		21.9		28.1		21.9		10.3		2.3		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

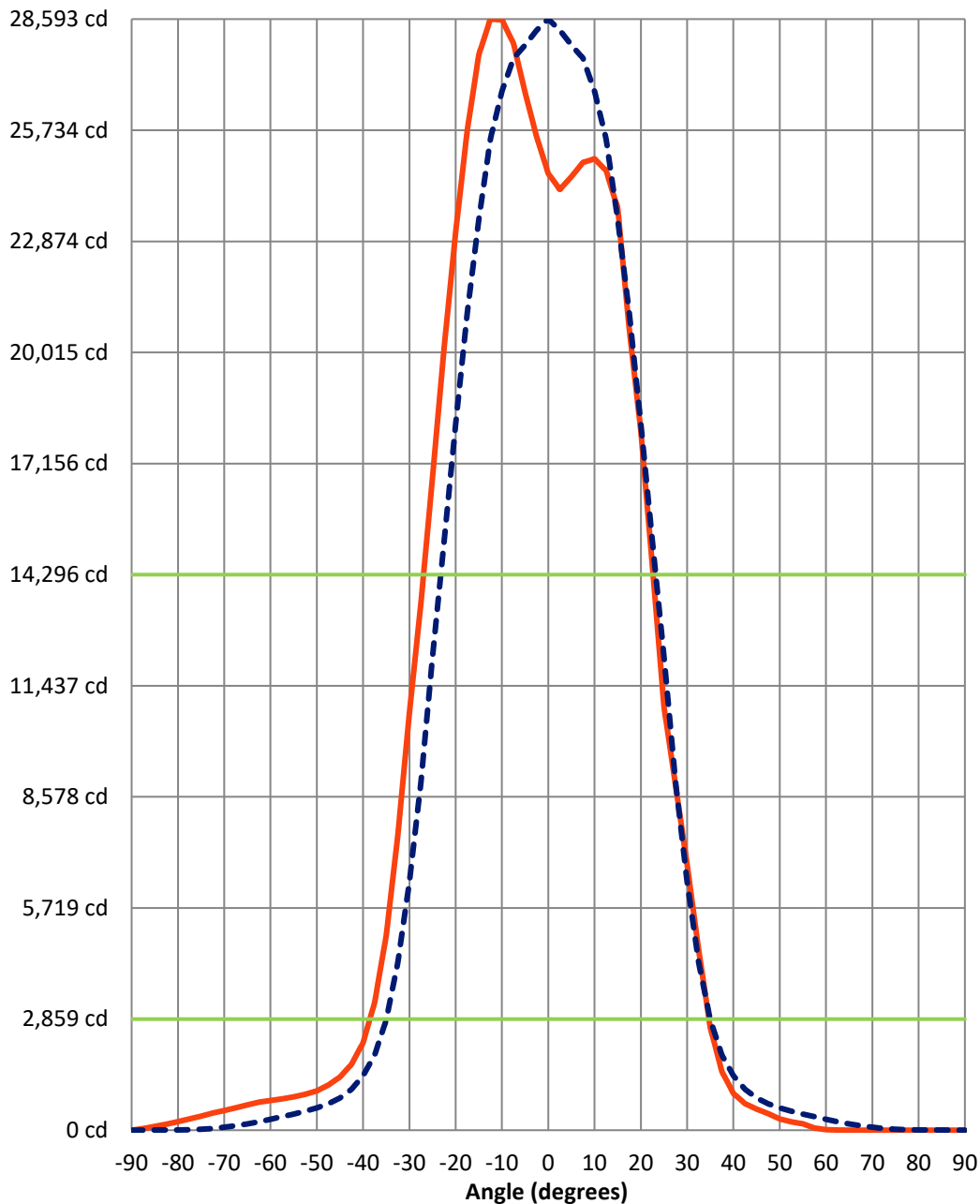
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 13669.9
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 18405.4
 Efficiency: 90.2%

Spill:
 Lumens: 2003.7
 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	1	1	0	0	0	0	0
70°	0	0	0	0	1	1	0	0	0	0	0
67.5°	0	0	0	1	1	1	1	0	0	1	1
65°	0	0	0	1	2	2	1	0	1	2	1
62.5°	0	0	0	1	2	2	1	1	2	2	3
60°	0	0	0	2	3	2	1	2	3	3	4
57.5°	0	0	0	2	3	2	2	3	4	4	5
55°	0	0	1	3	3	2	3	5	4	5	5
52.5°	0	0	1	3	3	2	3	5	5	5	5
50°	0	0	1	4	3	3	4	5	5	5	5
47.5°	0	0	2	4	4	3	5	5	5	5	7
45°	0	0	2	5	4	4	5	6	5	6	8
42.5°	0	0	2	5	4	4	6	6	5	7	9
40°	0	0	2	5	4	4	6	6	6	9	11
37.5°	0	0	3	5	4	5	7	7	8	11	13
35°	0	0	3	5	4	5	7	7	9	13	18
32.5°	0	0	3	5	5	5	8	7	11	17	28
30°	0	0	3	5	5	6	8	8	13	21	38
27.5°	0	0	4	5	5	7	8	9	15	25	46
25°	0	0	4	5	5	7	9	11	19	32	54
22.5°	0	0	4	5	5	8	9	12	23	39	64
20°	0	0	4	5	5	8	9	14	27	45	74
17.5°	0	0	4	5	5	8	10	15	31	51	84
15°	0	0	4	5	5	9	10	18	35	56	95
12.5°	0	0	4	5	5	9	11	21	39	60	105
10°	0	0	5	5	5	9	11	24	42	67	114
7.5°	0	0	5	5	5	9	12	28	45	76	122
5°	0	0	5	5	5	9	13	31	48	84	128
2.5°	0	0	5	5	5	9	13	34	50	91	132
0°	0	0	5	5	5	9	14	37	52	98	136
-2.5°	0	0	5	5	5	10	17	39	58	103	143
-5°	0	0	5	5	6	10	19	40	64	107	150
-7.5°	0	0	5	5	6	11	21	41	70	110	155
-10°	0	0	5	5	6	11	23	41	74	113	159
-12.5°	0	0	5	5	7	11	24	42	78	115	162
-15°	0	1	4	5	7	12	26	43	79	116	163
-17.5°	0	1	4	5	7	12	26	44	78	117	163
-20°	0	1	4	5	7	12	27	46	77	116	161

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REPORT NUMBER: P627226 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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	4	5	7	12	27	47	76	114	157
-25°	0	1	4	5	7	13	27	47	74	112	151
-27.5°	0	1	4	5	7	14	27	47	73	109	148
-30°	0	1	4	5	7	14	26	47	72	106	143
-32.5°	0	1	4	5	7	15	25	46	71	103	138
-35°	0	1	4	5	8	15	26	44	69	99	131
-37.5°	0	1	4	5	8	15	26	43	66	96	129
-40°	0	1	4	5	8	16	26	41	62	92	127
-42.5°	0	1	4	5	8	16	26	39	59	87	123
-45°	0	1	4	5	8	15	25	38	56	82	117
-47.5°	0	1	4	5	9	15	24	37	53	76	109
-50°	0	1	4	5	9	15	24	35	51	73	101
-52.5°	0	1	4	6	9	14	23	33	49	69	92
-55°	0	1	4	6	9	14	22	31	46	64	87
-57.5°	0	1	4	6	8	13	21	30	43	60	80
-60°	0	1	4	6	8	13	20	28	40	56	74
-62.5°	0	1	4	6	8	12	18	27	37	51	68
-65°	0	1	4	6	8	11	17	24	34	46	61
-67.5°	0	1	3	6	8	11	15	22	30	41	54
-70°	0	1	3	6	8	10	14	19	27	35	47
-72.5°	0	1	3	5	7	10	13	17	23	30	39
-75°	0	1	2	4	7	9	12	15	19	25	32
-77.5°	0	0	2	4	6	8	11	13	16	20	25
-80°	0	0	2	3	5	7	9	12	14	17	20
-82.5°	0	0	1	2	4	5	7	9	12	14	16
-85°	0	0	1	2	2	4	5	6	8	10	12
-87.5°	0	0	0	1	1	2	2	3	4	5	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627226 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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	2	1	0	0	0	0	0	0	0
65°	2	3	2	1	0	1	2	1	0	0	0
62.5°	4	4	3	2	3	4	3	2	0	1	2
60°	5	4	3	4	5	4	3	3	4	5	11
57.5°	5	4	4	5	5	5	6	7	17	28	31
55°	5	5	5	6	7	8	12	26	39	48	52
52.5°	5	5	7	9	11	18	32	48	60	70	82
50°	6	8	10	13	21	37	55	72	88	103	121
47.5°	8	10	14	21	38	59	80	102	121	142	168
45°	10	15	20	36	58	84	111	135	155	179	202
42.5°	12	23	34	52	82	113	144	164	186	212	242
40°	19	32	49	75	108	146	172	194	217	254	291
37.5°	29	45	65	99	139	175	201	227	261	304	348
35°	39	57	87	125	169	203	232	264	311	360	412
32.5°	50	69	108	152	193	229	261	310	359	413	485
30°	60	87	130	177	216	253	299	352	401	468	552
27.5°	71	105	151	197	237	276	336	388	444	519	620
25°	83	124	171	216	257	306	372	428	485	581	717
22.5°	98	142	191	233	276	338	409	478	553	649	816
20°	113	159	208	254	295	369	448	533	634	768	988
17.5°	128	175	225	275	326	402	490	590	717	883	1206
15°	141	189	242	296	356	436	533	655	808	1016	1417
12.5°	153	201	258	316	382	466	570	704	884	1183	1687
10°	163	212	274	336	405	493	603	744	946	1302	1888
7.5°	172	224	288	355	425	516	630	777	1000	1396	2046
5°	180	238	300	368	440	536	653	802	1046	1465	2167
2.5°	187	251	311	380	451	551	671	826	1091	1522	2269
0°	192	262	319	389	459	563	684	844	1125	1561	2349
-2.5°	199	268	330	396	473	571	691	857	1136	1567	2333
-5°	204	273	339	402	483	575	692	861	1135	1554	2285
-7.5°	209	275	346	406	488	578	693	859	1123	1528	2207
-10°	212	278	348	412	490	578	689	848	1096	1478	2089
-12.5°	217	281	349	414	490	574	680	829	1054	1402	1938
-15°	220	283	348	414	487	568	666	802	998	1302	1751
-17.5°	221	283	347	410	483	559	646	771	947	1213	1617
-20°	221	282	345	403	478	549	633	746	903	1128	1454

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CATALOG NUMBER: GFLD-SA3D-740-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°	219	280	342	398	469	539	617	717	849	1033	1296
-25°	214	277	337	394	458	528	597	684	799	963	1181
-27.5°	207	271	330	388	447	514	580	659	759	885	1060
-30°	197	263	322	379	437	500	563	630	718	827	968
-32.5°	186	254	311	368	426	486	545	607	682	773	883
-35°	179	243	301	354	412	470	526	584	646	727	821
-37.5°	175	231	290	341	395	451	506	561	618	682	767
-40°	169	220	278	329	377	432	485	537	590	654	719
-42.5°	162	211	265	316	363	413	464	514	567	625	687
-45°	155	201	252	300	347	394	443	490	542	597	654
-47.5°	146	190	238	281	327	374	421	468	514	565	620
-50°	136	177	221	262	303	350	397	444	489	533	581
-52.5°	125	162	204	244	282	321	369	417	461	505	547
-55°	113	147	185	225	262	297	338	387	431	474	517
-57.5°	104	132	167	205	242	278	316	357	400	442	484
-60°	95	119	148	183	220	255	292	330	370	410	448
-62.5°	86	107	131	160	194	230	264	300	338	372	406
-65°	78	95	115	139	166	198	232	266	300	330	359
-67.5°	69	84	100	118	142	168	196	226	258	287	315
-70°	59	72	86	102	119	141	166	191	216	242	269
-72.5°	49	61	73	85	101	119	139	159	181	203	226
-75°	40	49	60	71	84	98	115	132	149	167	186
-77.5°	32	40	48	56	66	78	91	104	118	133	147
-80°	25	30	37	44	51	60	68	78	88	100	112
-82.5°	20	23	27	32	37	42	48	55	63	72	80
-85°	14	16	19	21	24	28	31	35	40	45	51
-87.5°	7	8	9	11	12	14	15	17	19	22	24
-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	2	2	1	1	2	3	3	3	4
60°	12	9	12	15	15	11	17	19	17	14	15
57.5°	33	35	41	47	52	56	60	65	68	70	72
55°	60	72	85	91	101	116	130	131	133	137	144
52.5°	96	110	117	128	148	161	167	178	189	201	211
50°	140	152	166	184	203	215	219	239	262	281	293
47.5°	184	200	225	257	274	287	307	332	358	385	407
45°	225	253	286	314	336	360	386	417	458	496	525
42.5°	271	303	336	369	393	433	479	515	574	625	657
40°	326	357	405	445	494	545	624	698	771	857	919
37.5°	390	440	506	571	644	720	861	1006	1124	1290	1382
35°	469	545	639	736	853	1034	1241	1521	1811	2053	2287
32.5°	559	657	787	959	1156	1447	1758	2273	2774	3276	3768
30°	648	790	989	1226	1549	2010	2595	3391	4253	5008	5691
27.5°	766	967	1226	1580	2130	2806	3886	4991	6089	7069	7773
25°	909	1179	1545	2131	2926	4046	5493	6848	8136	9097	9906
22.5°	1117	1520	2040	2786	4228	5786	7518	9223	10670	11880	12678
20°	1372	1918	2788	4140	5837	7784	10014	11806	13589	14951	16168
17.5°	1735	2604	3831	5549	7576	10174	12469	14469	16732	18124	19366
15°	2061	3178	4928	7119	9494	12248	14955	17404	19588	21118	22506
12.5°	2473	3788	5799	8377	10975	14040	16855	19477	21616	23191	24161
10°	2842	4414	6670	9366	12275	15477	18393	21123	23195	24412	25126
7.5°	3140	4933	7376	10212	13283	16506	19587	22296	24279	25297	25784
5°	3371	5319	7928	10906	14096	17393	20538	23189	24859	25701	25974
2.5°	3544	5587	8300	11363	14644	18049	21259	23872	25297	25904	25995
0°	3661	5776	8542	11650	15114	18284	21650	24303	25658	26146	26192
-2.5°	3634	5708	8531	11546	15060	18389	21712	24331	25781	26436	26542
-5°	3560	5547	8248	11251	14632	17966	21135	23900	25679	26669	27107
-7.5°	3417	5269	7764	10686	13938	17275	20507	23376	25423	26815	27673
-10°	3174	4864	7145	9972	13177	16356	19551	22529	24734	26410	27604
-12.5°	2842	4314	6391	8960	12182	15151	18176	21028	23435	25501	26736
-15°	2500	3741	5607	7957	10762	13686	16481	19280	21656	23588	25128
-17.5°	2256	3239	4698	6756	9219	11992	14719	17290	19434	21251	22865
-20°	1948	2678	3833	5563	7731	10156	12768	15056	16971	18674	20217

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REPORT NUMBER: P627226 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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°	1702	2293	3128	4308	6256	8394	10531	12638	14438	15954	17271
-25°	1479	1894	2546	3506	4773	6619	8420	10199	11860	13270	14456
-27.5°	1304	1634	2069	2752	3713	4791	6368	7855	9284	10573	11691
-30°	1144	1392	1732	2159	2813	3614	4562	5674	6814	7831	8847
-32.5°	1030	1206	1440	1757	2123	2696	3270	4018	4739	5481	6210
-35°	927	1069	1228	1440	1691	2026	2404	2861	3246	3732	4180
-37.5°	857	957	1078	1212	1392	1578	1834	2112	2351	2621	2849
-40°	798	877	959	1049	1173	1299	1464	1620	1772	1937	2060
-42.5°	750	812	872	941	1014	1116	1226	1324	1416	1513	1593
-45°	711	758	806	860	915	988	1067	1140	1200	1254	1298
-47.5°	670	712	754	795	843	896	948	994	1044	1086	1117
-50°	629	670	709	745	786	828	868	906	941	972	991
-52.5°	589	632	670	703	738	772	806	839	870	898	911
-55°	559	599	637	667	696	725	755	787	816	842	850
-57.5°	526	566	603	631	657	683	711	740	768	793	801
-60°	488	530	562	588	616	644	670	697	722	744	753
-62.5°	442	480	510	536	560	584	612	640	667	689	702
-65°	389	421	450	476	500	522	549	575	599	618	632
-67.5°	342	367	391	414	437	460	485	509	532	549	560
-70°	295	319	341	362	383	403	423	443	463	478	489
-72.5°	249	270	289	308	327	345	362	379	396	409	420
-75°	206	223	240	256	272	286	300	313	326	337	347
-77.5°	162	177	191	204	218	229	240	250	260	269	278
-80°	124	134	145	155	165	174	182	190	198	205	211
-82.5°	89	96	103	110	116	122	128	134	139	145	150
-85°	57	60	64	68	72	75	79	82	86	89	92
-87.5°	27	29	30	32	34	36	37	39	41	42	44
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627226 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-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°	4	4	5	5	5	4	4	4	3	3	3
60°	15	14	14	14	14	14	15	15	14	17	19
57.5°	71	66	61	56	61	66	71	72	70	68	65
55°	153	162	165	164	165	162	153	144	137	133	131
52.5°	218	222	221	216	221	222	218	211	201	189	178
50°	297	298	295	291	295	298	297	293	281	262	239
47.5°	418	424	427	427	427	424	418	407	385	358	332
45°	536	542	545	544	545	542	536	525	496	458	417
42.5°	674	684	688	685	688	684	674	657	625	574	515
40°	955	967	962	947	962	967	955	919	857	771	698
37.5°	1447	1494	1514	1514	1514	1494	1447	1382	1290	1124	1006
35°	2496	2663	2740	2644	2740	2663	2496	2287	2053	1811	1521
32.5°	4169	4465	4632	4632	4632	4465	4169	3768	3276	2774	2273
30°	6207	6578	6786	6831	6786	6578	6207	5691	5008	4253	3391
27.5°	8321	8704	8904	8875	8904	8704	8321	7773	7069	6089	4991
25°	10442	10733	10900	10905	10900	10733	10442	9906	9097	8136	6848
22.5°	13576	14186	14438	14505	14438	14186	13576	12678	11880	10670	9223
20°	16992	17584	17965	17988	17965	17584	16992	16168	14951	13589	11806
17.5°	20246	20540	20594	20618	20594	20540	20246	19366	18124	16732	14469
15°	23314	23417	23688	23722	23688	23417	23314	22506	21118	19588	17404
12.5°	24771	24865	24818	24692	24818	24865	24771	24161	23191	21616	19477
10°	25565	25432	25235	24997	25235	25432	25565	25126	24412	23195	21123
7.5°	25745	25597	25249	24903	25249	25597	25745	25784	25297	24279	22296
5°	25830	25397	24957	24538	24957	25397	25830	25974	25701	24859	23189
2.5°	25780	25265	24661	24209	24661	25265	25780	25995	25904	25297	23872
0°	25944	25424	24791	24622	24791	25424	25944	26192	26146	25658	24303
-2.5°	26402	25980	25650	25560	25650	25980	26402	26542	26436	25781	24331
-5°	27226	27133	26572	26703	26572	27133	27226	27107	26669	25679	23900
-7.5°	28022	27890	27652	27960	27652	27890	28022	27673	26815	25423	23376
-10°	28234	28190	28301	28574	28301	28190	28234	27604	26410	24734	22529
-12.5°	27585	27925	28306	28593	28306	27925	27585	26736	25501	23435	21028
-15°	26139	26834	27403	27674	27403	26834	26139	25128	23588	21656	19280
-17.5°	24008	24861	25536	25728	25536	24861	24008	22865	21251	19434	17290
-20°	21385	22253	22867	23112	22867	22253	21385	20217	18674	16971	15056

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REPORT NUMBER: P627226 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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°	18434	19281	19837	20131	19837	19281	18434	17271	15954	14438	12638
-25°	15438	16183	16677	16807	16677	16183	15438	14456	13270	11860	10199
-27.5°	12574	13172	13537	13577	13537	13172	12574	11691	10573	9284	7855
-30°	9692	10248	10564	10731	10564	10248	9692	8847	7831	6814	5674
-32.5°	6807	7248	7515	7585	7515	7248	6807	6210	5481	4739	4018
-35°	4538	4813	4982	5016	4982	4813	4538	4180	3732	3246	2861
-37.5°	3034	3168	3251	3291	3251	3168	3034	2849	2621	2351	2112
-40°	2150	2213	2248	2255	2248	2213	2150	2060	1937	1772	1620
-42.5°	1644	1676	1693	1697	1693	1676	1644	1593	1513	1416	1324
-45°	1329	1351	1364	1369	1364	1351	1329	1298	1254	1200	1140
-47.5°	1137	1151	1160	1163	1160	1151	1137	1117	1086	1044	994
-50°	1003	1011	1014	1013	1014	1011	1003	991	972	941	906
-52.5°	918	924	925	924	925	924	918	911	898	870	839
-55°	856	860	860	858	860	860	856	850	842	816	787
-57.5°	808	813	811	806	811	813	808	801	793	768	740
-60°	760	766	766	764	766	766	760	753	744	722	697
-62.5°	713	723	724	722	724	723	713	702	689	667	640
-65°	645	656	656	652	656	656	645	632	618	599	575
-67.5°	570	578	579	577	579	578	570	560	549	532	509
-70°	499	508	508	506	508	508	499	489	478	463	443
-72.5°	429	438	440	441	440	438	429	420	409	396	379
-75°	356	364	363	361	363	364	356	347	337	326	313
-77.5°	286	294	293	291	293	294	286	278	269	260	250
-80°	218	224	222	220	222	224	218	211	205	198	190
-82.5°	154	159	157	155	157	159	154	150	145	139	134
-85°	95	98	98	99	98	98	95	92	89	86	82
-87.5°	45	47	45	42	45	47	45	44	42	41	39
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627226 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-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	2	2	1	1	2	1	0	2
60°	17	11	15	15	12	9	12	11	5	4	3
57.5°	60	56	52	47	41	35	33	31	28	17	7
55°	130	116	101	91	85	72	60	52	48	39	26
52.5°	167	161	148	128	117	110	96	82	70	60	48
50°	219	215	203	184	166	152	140	121	103	88	72
47.5°	307	287	274	257	225	200	184	168	142	121	102
45°	386	360	336	314	286	253	225	202	179	155	135
42.5°	479	433	393	369	336	303	271	242	212	186	164
40°	624	545	494	445	405	357	326	291	254	217	194
37.5°	861	720	644	571	506	440	390	348	304	261	227
35°	1241	1034	853	736	639	545	469	412	360	311	264
32.5°	1758	1447	1156	959	787	657	559	485	413	359	310
30°	2595	2010	1549	1226	989	790	648	552	468	401	352
27.5°	3886	2806	2130	1580	1226	967	766	620	519	444	388
25°	5493	4046	2926	2131	1545	1179	909	717	581	485	428
22.5°	7518	5786	4228	2786	2040	1520	1117	816	649	553	478
20°	10014	7784	5837	4140	2788	1918	1372	988	768	634	533
17.5°	12469	10174	7576	5549	3831	2604	1735	1206	883	717	590
15°	14955	12248	9494	7119	4928	3178	2061	1417	1016	808	655
12.5°	16855	14040	10975	8377	5799	3788	2473	1687	1183	884	704
10°	18393	15477	12275	9366	6670	4414	2842	1888	1302	946	744
7.5°	19587	16506	13283	10212	7376	4933	3140	2046	1396	1000	777
5°	20538	17393	14096	10906	7928	5319	3371	2167	1465	1046	802
2.5°	21259	18049	14644	11363	8300	5587	3544	2269	1522	1091	826
0°	21650	18284	15114	11650	8542	5776	3661	2349	1561	1125	844
-2.5°	21712	18389	15060	11546	8531	5708	3634	2333	1567	1136	857
-5°	21135	17966	14632	11251	8248	5547	3560	2285	1554	1135	861
-7.5°	20507	17275	13938	10686	7764	5269	3417	2207	1528	1123	859
-10°	19551	16356	13177	9972	7145	4864	3174	2089	1478	1096	848
-12.5°	18176	15151	12182	8960	6391	4314	2842	1938	1402	1054	829
-15°	16481	13686	10762	7957	5607	3741	2500	1751	1302	998	802
-17.5°	14719	11992	9219	6756	4698	3239	2256	1617	1213	947	771
-20°	12768	10156	7731	5563	3833	2678	1948	1454	1128	903	746

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REPORT NUMBER: P627226 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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°	10531	8394	6256	4308	3128	2293	1702	1296	1033	849	717
-25°	8420	6619	4773	3506	2546	1894	1479	1181	963	799	684
-27.5°	6368	4791	3713	2752	2069	1634	1304	1060	885	759	659
-30°	4562	3614	2813	2159	1732	1392	1144	968	827	718	630
-32.5°	3270	2696	2123	1757	1440	1206	1030	883	773	682	607
-35°	2404	2026	1691	1440	1228	1069	927	821	727	646	584
-37.5°	1834	1578	1392	1212	1078	957	857	767	682	618	561
-40°	1464	1299	1173	1049	959	877	798	719	654	590	537
-42.5°	1226	1116	1014	941	872	812	750	687	625	567	514
-45°	1067	988	915	860	806	758	711	654	597	542	490
-47.5°	948	896	843	795	754	712	670	620	565	514	468
-50°	868	828	786	745	709	670	629	581	533	489	444
-52.5°	806	772	738	703	670	632	589	547	505	461	417
-55°	755	725	696	667	637	599	559	517	474	431	387
-57.5°	711	683	657	631	603	566	526	484	442	400	357
-60°	670	644	616	588	562	530	488	448	410	370	330
-62.5°	612	584	560	536	510	480	442	406	372	338	300
-65°	549	522	500	476	450	421	389	359	330	300	266
-67.5°	485	460	437	414	391	367	342	315	287	258	226
-70°	423	403	383	362	341	319	295	269	242	216	191
-72.5°	362	345	327	308	289	270	249	226	203	181	159
-75°	300	286	272	256	240	223	206	186	167	149	132
-77.5°	240	229	218	204	191	177	162	147	133	118	104
-80°	182	174	165	155	145	134	124	112	100	88	78
-82.5°	128	122	116	110	103	96	89	80	72	63	55
-85°	79	75	72	68	64	60	57	51	45	40	35
-87.5°	37	36	34	32	30	29	27	24	22	19	17
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627226 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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	2	1	0	1	1	0	0
65°	2	1	0	1	2	3	2	1	2	1	0
62.5°	3	4	3	2	3	4	4	3	2	2	1
60°	3	4	5	4	3	4	5	4	3	3	2
57.5°	6	5	5	5	4	4	5	5	4	4	3
55°	12	8	7	6	5	5	5	5	5	4	5
52.5°	32	18	11	9	7	5	5	5	5	5	5
50°	55	37	21	13	10	8	6	5	5	5	5
47.5°	80	59	38	21	14	10	8	7	5	5	5
45°	111	84	58	36	20	15	10	8	6	5	6
42.5°	144	113	82	52	34	23	12	9	7	5	6
40°	172	146	108	75	49	32	19	11	9	6	6
37.5°	201	175	139	99	65	45	29	13	11	8	7
35°	232	203	169	125	87	57	39	18	13	9	7
32.5°	261	229	193	152	108	69	50	28	17	11	7
30°	299	253	216	177	130	87	60	38	21	13	8
27.5°	336	276	237	197	151	105	71	46	25	15	9
25°	372	306	257	216	171	124	83	54	32	19	11
22.5°	409	338	276	233	191	142	98	64	39	23	12
20°	448	369	295	254	208	159	113	74	45	27	14
17.5°	490	402	326	275	225	175	128	84	51	31	15
15°	533	436	356	296	242	189	141	95	56	35	18
12.5°	570	466	382	316	258	201	153	105	60	39	21
10°	603	493	405	336	274	212	163	114	67	42	24
7.5°	630	516	425	355	288	224	172	122	76	45	28
5°	653	536	440	368	300	238	180	128	84	48	31
2.5°	671	551	451	380	311	251	187	132	91	50	34
0°	684	563	459	389	319	262	192	136	98	52	37
-2.5°	691	571	473	396	330	268	199	143	103	58	39
-5°	692	575	483	402	339	273	204	150	107	64	40
-7.5°	693	578	488	406	346	275	209	155	110	70	41
-10°	689	578	490	412	348	278	212	159	113	74	41
-12.5°	680	574	490	414	349	281	217	162	115	78	42
-15°	666	568	487	414	348	283	220	163	116	79	43
-17.5°	646	559	483	410	347	283	221	163	117	78	44
-20°	633	549	478	403	345	282	221	161	116	77	46

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627226 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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°	617	539	469	398	342	280	219	157	114	76	47
-25°	597	528	458	394	337	277	214	151	112	74	47
-27.5°	580	514	447	388	330	271	207	148	109	73	47
-30°	563	500	437	379	322	263	197	143	106	72	47
-32.5°	545	486	426	368	311	254	186	138	103	71	46
-35°	526	470	412	354	301	243	179	131	99	69	44
-37.5°	506	451	395	341	290	231	175	129	96	66	43
-40°	485	432	377	329	278	220	169	127	92	62	41
-42.5°	464	413	363	316	265	211	162	123	87	59	39
-45°	443	394	347	300	252	201	155	117	82	56	38
-47.5°	421	374	327	281	238	190	146	109	76	53	37
-50°	397	350	303	262	221	177	136	101	73	51	35
-52.5°	369	321	282	244	204	162	125	92	69	49	33
-55°	338	297	262	225	185	147	113	87	64	46	31
-57.5°	316	278	242	205	167	132	104	80	60	43	30
-60°	292	255	220	183	148	119	95	74	56	40	28
-62.5°	264	230	194	160	131	107	86	68	51	37	27
-65°	232	198	166	139	115	95	78	61	46	34	24
-67.5°	196	168	142	118	100	84	69	54	41	30	22
-70°	166	141	119	102	86	72	59	47	35	27	19
-72.5°	139	119	101	85	73	61	49	39	30	23	17
-75°	115	98	84	71	60	49	40	32	25	19	15
-77.5°	91	78	66	56	48	40	32	25	20	16	13
-80°	68	60	51	44	37	30	25	20	17	14	12
-82.5°	48	42	37	32	27	23	20	16	14	12	9
-85°	31	28	24	21	19	16	14	12	10	8	6
-87.5°	15	14	12	11	9	8	7	6	5	4	3
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627226 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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	1	0	0	0	0
70°	0	1	1	0	0	0	0
67.5°	1	1	1	1	0	0	0
65°	1	2	2	1	0	0	0
62.5°	1	2	2	1	0	0	0
60°	1	2	3	2	0	0	0
57.5°	2	2	3	2	0	0	0
55°	3	2	3	3	1	0	0
52.5°	3	2	3	3	1	0	0
50°	4	3	3	4	1	0	0
47.5°	5	3	4	4	2	0	0
45°	5	4	4	5	2	0	0
42.5°	6	4	4	5	2	0	0
40°	6	4	4	5	2	0	0
37.5°	7	5	4	5	3	0	0
35°	7	5	4	5	3	0	0
32.5°	8	5	5	5	3	0	0
30°	8	6	5	5	3	0	0
27.5°	8	7	5	5	4	0	0
25°	9	7	5	5	4	0	0
22.5°	9	8	5	5	4	0	0
20°	9	8	5	5	4	0	0
17.5°	10	8	5	5	4	0	0
15°	10	9	5	5	4	0	0
12.5°	11	9	5	5	4	0	0
10°	11	9	5	5	5	0	0
7.5°	12	9	5	5	5	0	0
5°	13	9	5	5	5	0	0
2.5°	13	9	5	5	5	0	0
0°	14	9	5	5	5	0	0
-2.5°	17	10	5	5	5	0	0
-5°	19	10	6	5	5	0	0
-7.5°	21	11	6	5	5	0	0
-10°	23	11	6	5	5	0	0
-12.5°	24	11	7	5	5	0	0
-15°	26	12	7	5	4	1	0
-17.5°	26	12	7	5	4	1	0
-20°	27	12	7	5	4	1	0

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CATALOG NUMBER: GFLD-SA3D-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	27	12	7	5	4	1	0
-25°	27	13	7	5	4	1	0
-27.5°	27	14	7	5	4	1	0
-30°	26	14	7	5	4	1	0
-32.5°	25	15	7	5	4	1	0
-35°	26	15	8	5	4	1	0
-37.5°	26	15	8	5	4	1	0
-40°	26	16	8	5	4	1	0
-42.5°	26	16	8	5	4	1	0
-45°	25	15	8	5	4	1	0
-47.5°	24	15	9	5	4	1	0
-50°	24	15	9	5	4	1	0
-52.5°	23	14	9	6	4	1	0
-55°	22	14	9	6	4	1	0
-57.5°	21	13	8	6	4	1	0
-60°	20	13	8	6	4	1	0
-62.5°	18	12	8	6	4	1	0
-65°	17	11	8	6	4	1	0
-67.5°	15	11	8	6	3	1	0
-70°	14	10	8	6	3	1	0
-72.5°	13	10	7	5	3	1	0
-75°	12	9	7	4	2	1	0
-77.5°	11	8	6	4	2	0	0
-80°	9	7	5	3	2	0	0
-82.5°	7	5	4	2	1	0	0
-85°	5	4	2	2	1	0	0
-87.5°	2	2	1	1	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)