

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: P627206 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-730-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627206 (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-730-U-MWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18585.7 lumens
Efficiency: N/A
Efficacy: 116.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 26038.3 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 12448.6 lumens
Beam Efficiency: 67.0%

Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 16752.1 lumens
Field Efficiency: 90.1%

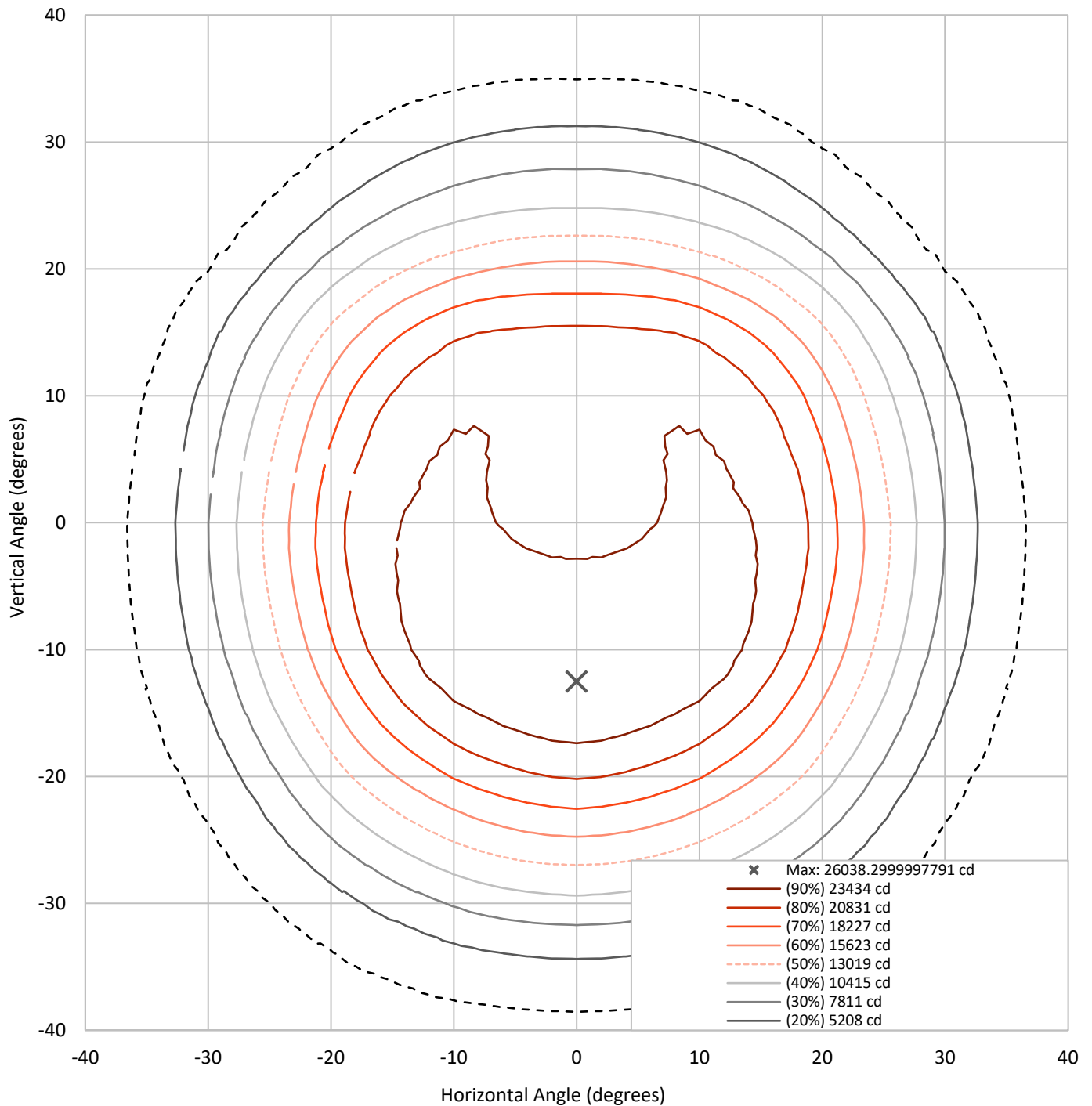
Input Watts (W): 160.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627206 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-MWR-VSR-XX

Iso-Candela Plot





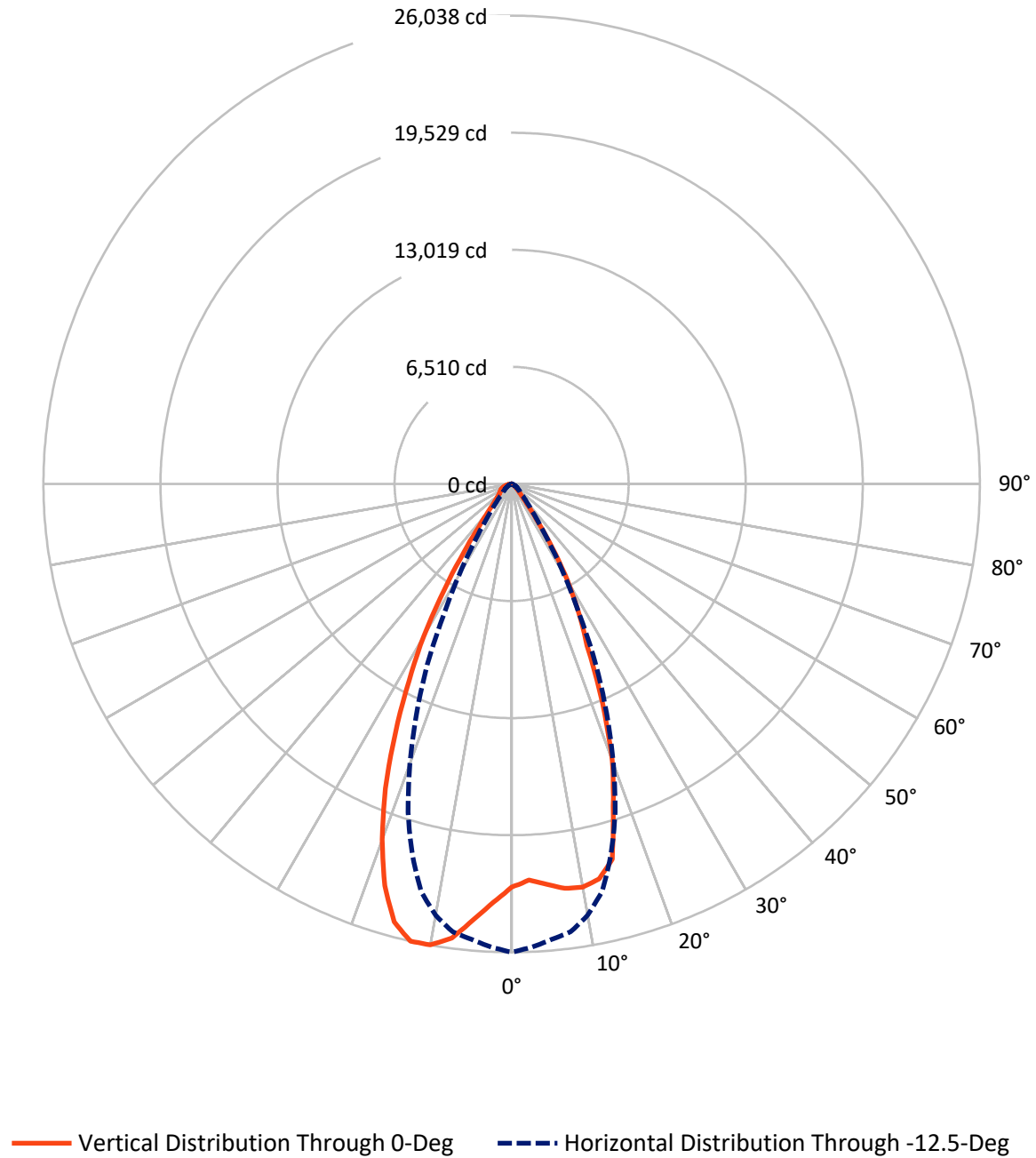
REPORT NUMBER: P627206 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0				
50		0.1	0.1	0.6	1.5	2.6	3.5	4.1	4.1	3.5	2.6	1.5	0.6	0.1		0.1			
40	0.1	0.1	0.7	2.6	5.2	8.5	12.7	15.6	15.6	12.7	8.5	5.2	2.6	0.7	0.1	0.1			
30		0.3	2.1	5.4	11.2	24.1	54.9	83.8	83.8	54.9	24.1	11.2	5.4	2.1	0.3				
20	0.2	0.7	3.5	8.7	23.3	86.4	222.5	311.0	311.0	222.5	86.4	23.3	8.7	3.5	0.7	0.2			
10		1.2	4.8	13.4	55.5	239.9	500.5	619.7	619.7	500.5	239.9	55.5	13.4	4.8	1.2				
0	0.4	1.6	6.0	17.3	88.4	353.3	645.3	699.6	699.6	645.3	353.3	88.4	17.3	6.0	1.6	0.4			
-10		1.9	6.6	18.5	92.5	364.9	668.6	742.6	742.6	668.6	364.9	92.5	18.5	6.6	1.9				
-20	0.5	2.0	6.7	16.8	66.1	271.7	564.0	720.2	720.2	564.0	271.7	66.1	16.8	6.7	2.0	0.5			
-30		2.0	6.4	14.0	37.0	131.8	314.3	442.2	442.2	314.3	131.8	37.0	14.0	6.4	2.0				
-40	0.5	1.7	5.7	11.6	22.1	46.9	98.2	145.7	145.7	98.2	46.9	22.1	11.6	5.7	1.7	0.5			
-50		1.5	4.8	9.7	16.1	23.8	33.5	39.7	39.7	33.5	23.8	16.1	9.7	4.8	1.5				
-60	0.3	1.1	3.6	7.6	12.7	17.5	21.9	24.0	24.0	21.9	17.5	12.7	7.6	3.6	1.1	0.3			
-70		0.8	2.3	5.2	8.9	12.5	15.9	17.8	17.8	15.9	12.5	8.9	5.2	2.3	0.8				
-80	0.1	2.1	9.4	19.9	25.6	19.9	9.4	2.1	0.1						0.1				
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

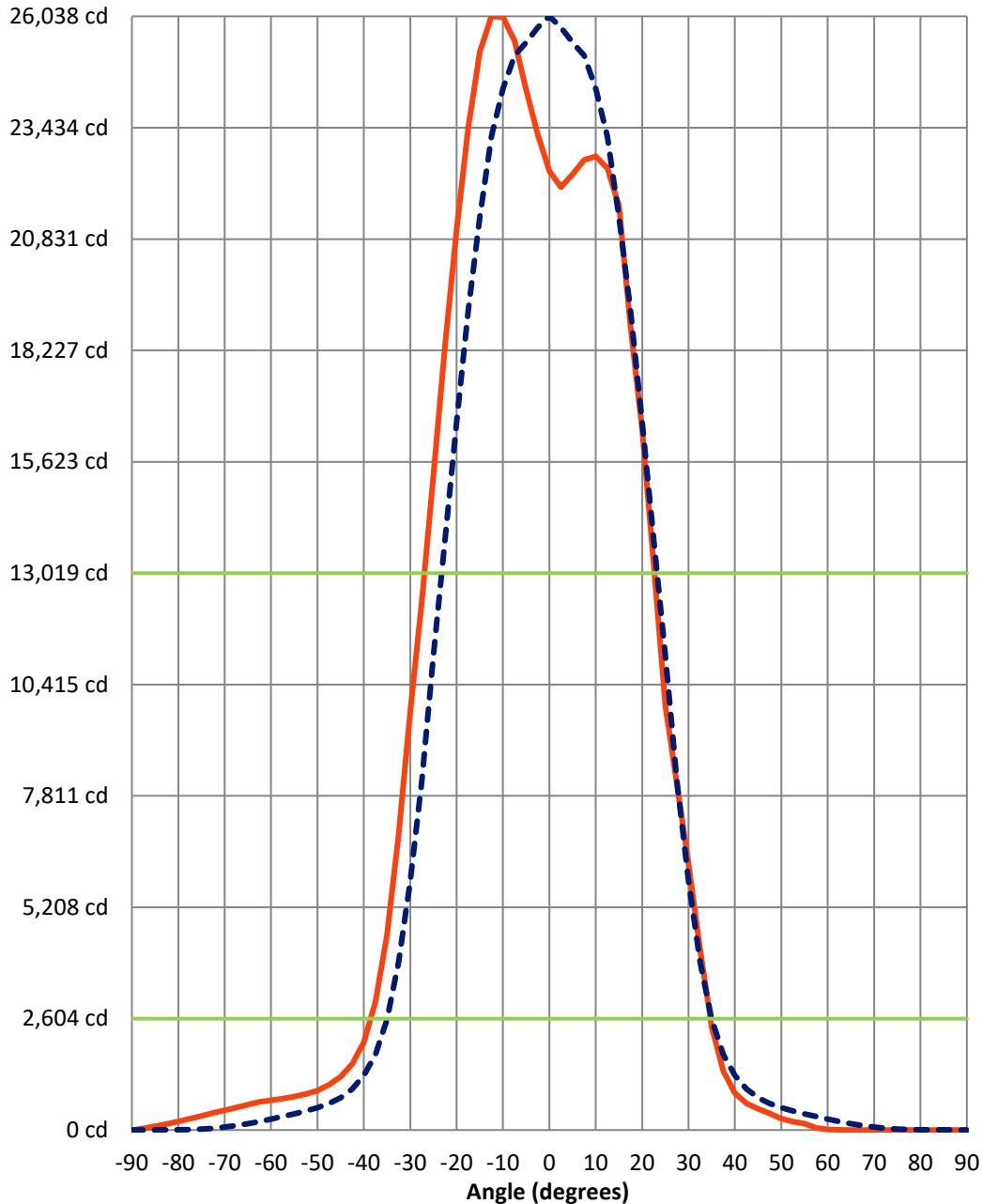
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 12448.6
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 16752.1
 Efficiency: 90.1%

Spill:
 Lumens: 1833.5
 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	1	1	1	0	0	0	1	1
65°	0	0	0	1	2	2	1	0	1	1	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	4
55°	0	0	1	3	3	2	2	4	4	4	4
52.5°	0	0	1	3	3	2	3	4	4	4	4
50°	0	0	1	4	3	3	4	5	4	4	5
47.5°	0	0	2	4	3	3	4	5	4	4	6
45°	0	0	2	4	3	3	5	5	5	5	7
42.5°	0	0	2	4	4	4	5	6	5	6	9
40°	0	0	2	4	4	4	6	6	5	8	10
37.5°	0	0	3	4	4	4	6	6	7	10	12
35°	0	0	3	4	4	5	7	6	8	12	16
32.5°	0	0	3	4	4	5	7	7	10	15	25
30°	0	0	3	4	4	5	7	7	12	19	34
27.5°	0	0	3	4	4	6	8	8	14	23	42
25°	0	0	3	4	4	6	8	10	17	29	50
22.5°	0	0	4	4	4	7	8	11	21	35	58
20°	0	0	4	4	4	7	8	13	24	41	68
17.5°	0	0	4	4	4	8	9	14	28	46	77
15°	0	0	4	4	4	8	9	16	32	51	86
12.5°	0	0	4	4	4	8	10	19	35	55	95
10°	0	0	4	4	4	8	10	22	38	61	104
7.5°	0	0	4	4	4	8	11	25	41	69	111
5°	0	0	4	4	4	8	12	28	43	76	116
2.5°	0	0	4	4	4	8	12	31	45	83	120
0°	0	0	4	4	4	9	13	34	47	90	124
-2.5°	0	0	4	4	5	9	15	35	53	94	130
-5°	0	0	4	4	5	9	17	36	59	97	136
-7.5°	0	0	4	4	5	10	19	37	64	100	141
-10°	0	0	4	4	6	10	21	38	68	103	145
-12.5°	0	0	4	4	6	10	22	38	71	105	147
-15°	0	1	4	4	6	11	23	39	72	106	149
-17.5°	0	1	4	4	6	11	24	40	71	106	149
-20°	0	1	4	4	6	11	24	42	70	106	147

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REPORT NUMBER: P627206 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-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	4	7	11	24	43	69	104	143
-25°	0	1	4	4	7	12	24	43	68	102	138
-27.5°	0	1	4	4	6	12	24	43	66	99	135
-30°	0	1	4	4	6	13	24	42	65	96	131
-32.5°	0	1	4	4	7	14	23	42	64	93	125
-35°	0	1	4	4	7	14	23	41	63	91	119
-37.5°	0	1	4	4	7	14	23	39	60	88	117
-40°	0	1	4	4	7	14	24	38	56	84	115
-42.5°	0	1	4	4	7	14	23	36	54	80	112
-45°	0	1	4	5	8	14	23	34	51	75	106
-47.5°	0	1	4	5	8	14	22	33	49	69	100
-50°	0	1	4	5	8	13	21	32	46	66	92
-52.5°	0	1	4	5	8	13	21	30	44	63	84
-55°	0	1	4	5	8	13	20	29	42	59	79
-57.5°	0	1	4	5	8	12	19	27	40	55	73
-60°	0	1	4	5	7	12	18	26	37	51	67
-62.5°	0	1	4	5	7	11	17	24	34	47	62
-65°	0	1	3	5	7	10	15	22	31	42	56
-67.5°	0	1	3	5	7	10	14	20	28	37	49
-70°	0	1	3	5	7	9	12	18	24	32	42
-72.5°	0	1	2	5	7	9	11	15	21	27	35
-75°	0	1	2	4	6	8	10	13	17	23	29
-77.5°	0	0	2	3	5	8	10	12	15	18	23
-80°	0	0	1	3	4	6	9	11	13	15	18
-82.5°	0	0	1	2	3	5	7	9	11	13	15
-85°	0	0	1	1	2	3	4	6	7	9	11
-87.5°	0	0	0	1	1	2	2	3	4	4	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627206 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-730-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	3	2	1	0	1	1	1	0	0	0
62.5°	4	3	2	2	2	3	3	1	0	1	2
60°	4	4	3	3	4	4	3	3	3	4	10
57.5°	4	4	4	5	5	5	5	6	15	26	28
55°	4	4	5	6	6	7	11	24	36	44	48
52.5°	5	5	6	8	10	16	29	43	55	64	75
50°	6	7	9	12	19	33	50	65	80	94	110
47.5°	7	9	13	19	35	53	73	93	110	129	153
45°	9	14	18	33	53	76	101	123	141	163	184
42.5°	11	21	31	47	75	103	131	149	169	193	221
40°	18	29	45	69	99	133	157	177	198	232	265
37.5°	26	41	60	91	127	160	183	207	238	277	317
35°	36	52	79	114	154	184	211	241	283	328	375
32.5°	45	63	99	138	176	208	238	282	327	376	441
30°	55	79	118	161	196	230	272	321	365	426	502
27.5°	65	96	138	180	216	251	306	353	404	473	565
25°	76	113	156	197	234	279	339	390	441	529	653
22.5°	89	130	174	213	251	308	373	435	503	591	743
20°	103	145	190	231	269	336	408	485	578	700	899
17.5°	116	159	205	250	297	366	447	537	653	805	1098
15°	128	172	221	269	324	397	486	597	736	925	1290
12.5°	139	183	235	288	348	425	519	641	805	1077	1536
10°	149	193	249	306	369	449	549	678	861	1186	1720
7.5°	157	204	262	323	387	470	574	707	911	1272	1863
5°	164	217	273	336	401	488	595	731	953	1334	1973
2.5°	170	228	283	346	411	502	611	753	993	1386	2066
0°	175	239	290	354	418	512	623	768	1025	1422	2139
-2.5°	181	244	300	361	430	520	629	780	1035	1427	2124
-5°	186	248	309	366	440	524	630	785	1033	1416	2080
-7.5°	190	251	315	370	445	526	631	782	1023	1392	2010
-10°	193	253	317	375	446	526	628	772	998	1346	1903
-12.5°	197	256	317	377	446	523	620	755	960	1277	1765
-15°	200	257	317	377	444	517	606	731	909	1185	1594
-17.5°	201	258	316	374	440	509	588	702	862	1105	1472
-20°	201	257	314	367	435	500	576	680	823	1028	1324

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CATALOG NUMBER: GFLD-SA3D-730-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°	199	255	311	362	427	491	562	653	773	941	1180
-25°	195	252	307	359	417	481	544	623	728	877	1076
-27.5°	188	247	301	353	407	468	528	600	691	806	965
-30°	179	239	293	346	398	455	512	573	654	753	882
-32.5°	170	232	284	335	388	442	496	553	621	704	804
-35°	163	221	274	323	375	428	479	532	588	662	748
-37.5°	159	211	264	310	360	411	461	511	563	621	699
-40°	154	200	253	299	344	394	442	489	538	596	655
-42.5°	148	192	241	288	330	376	422	468	516	569	625
-45°	141	183	230	273	316	359	403	446	493	544	596
-47.5°	133	173	217	256	298	341	384	426	468	515	565
-50°	124	161	201	239	276	319	361	404	445	485	529
-52.5°	114	147	185	222	256	292	336	379	420	460	498
-55°	103	134	169	205	239	270	308	352	393	431	471
-57.5°	94	121	152	186	220	253	288	325	365	402	441
-60°	87	108	135	167	200	232	266	301	337	373	408
-62.5°	79	97	119	146	177	209	241	273	307	338	369
-65°	71	86	105	127	151	180	211	242	273	301	327
-67.5°	63	76	91	108	129	153	178	206	235	262	287
-70°	54	66	79	93	108	128	151	174	197	220	245
-72.5°	45	56	66	78	92	109	126	145	164	185	206
-75°	37	45	54	64	76	90	104	120	136	152	169
-77.5°	29	36	44	51	60	71	83	95	108	121	134
-80°	22	27	33	40	47	54	62	71	80	91	102
-82.5°	18	21	25	29	34	39	44	50	57	65	73
-85°	13	15	17	20	22	25	28	32	36	41	46
-87.5°	6	7	9	10	11	12	14	15	17	20	22
-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	2	1	1	2	3	3	3	4
60°	11	8	11	14	14	10	15	17	16	13	13
57.5°	30	32	37	43	48	51	55	59	62	64	66
55°	55	66	77	83	92	106	118	119	121	124	131
52.5°	88	101	106	117	135	146	152	162	172	183	192
50°	128	138	151	167	185	196	200	217	239	256	266
47.5°	168	182	205	234	249	262	279	302	326	351	370
45°	205	231	261	286	306	328	352	380	417	452	478
42.5°	247	276	306	336	358	395	436	469	523	569	598
40°	296	325	369	405	450	496	568	635	702	780	837
37.5°	356	401	461	520	587	655	784	916	1024	1175	1259
35°	427	496	582	670	777	942	1130	1385	1649	1870	2082
32.5°	509	598	716	874	1053	1318	1601	2070	2526	2983	3431
30°	590	719	901	1116	1411	1830	2363	3088	3873	4560	5182
27.5°	698	881	1116	1439	1940	2555	3539	4545	5545	6437	7078
25°	828	1074	1407	1941	2664	3684	5002	6236	7409	8284	9021
22.5°	1017	1384	1858	2537	3851	5269	6846	8399	9716	10819	11545
20°	1250	1747	2539	3770	5315	7089	9119	10752	12375	13615	14723
17.5°	1580	2372	3489	5053	6899	9265	11355	13176	15237	16505	17635
15°	1876	2894	4487	6483	8646	11153	13619	15849	17838	19231	20495
12.5°	2252	3450	5281	7629	9995	12786	15349	17736	19685	21119	22003
10°	2588	4019	6074	8529	11178	14094	16750	19235	21122	22231	22881
7.5°	2859	4493	6717	9300	12096	15031	17837	20304	22110	23037	23481
5°	3070	4844	7220	9932	12836	15839	18703	21118	22638	23405	23653
2.5°	3227	5088	7558	10348	13336	16436	19360	21739	23037	23590	23672
0°	3334	5260	7779	10609	13764	16650	19715	22132	23366	23810	23852
-2.5°	3309	5198	7769	10514	13715	16746	19772	22157	23477	24074	24171
-5°	3242	5051	7511	10246	13325	16361	19247	21765	23385	24286	24685
-7.5°	3112	4799	7071	9731	12693	15732	18675	21287	23152	24419	25200
-10°	2891	4429	6507	9081	12000	14895	17805	20516	22524	24050	25138
-12.5°	2589	3928	5820	8160	11094	13797	16552	19150	21341	23223	24347
-15°	2277	3407	5106	7246	9801	12463	15008	17557	19721	21481	22882
-17.5°	2055	2950	4279	6152	8395	10921	13404	15745	17698	19352	20823
-20°	1774	2439	3491	5066	7041	9249	11627	13711	15455	17006	18410



REPORT NUMBER: P627206 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-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°	1550	2088	2848	3923	5697	7644	9590	11509	13148	14529	15728
-25°	1347	1725	2319	3193	4346	6028	7667	9287	10801	12085	13165
-27.5°	1187	1488	1884	2506	3381	4363	5799	7153	8454	9629	10647
-30°	1042	1267	1577	1966	2562	3291	4155	5167	6205	7132	8057
-32.5°	938	1098	1311	1600	1933	2455	2978	3659	4316	4992	5655
-35°	844	974	1118	1311	1540	1845	2189	2605	2956	3399	3807
-37.5°	780	871	982	1104	1267	1437	1670	1923	2141	2387	2595
-40°	727	798	873	956	1068	1183	1333	1475	1613	1764	1876
-42.5°	683	740	794	857	924	1016	1117	1205	1289	1378	1451
-45°	647	690	734	783	833	900	972	1038	1092	1142	1182
-47.5°	610	648	686	724	768	816	863	905	951	989	1017
-50°	573	611	645	678	716	754	791	825	857	885	903
-52.5°	537	576	610	640	672	703	734	764	792	818	829
-55°	509	545	580	607	634	660	688	716	743	767	774
-57.5°	479	516	549	574	599	622	648	674	700	723	730
-60°	444	483	512	536	561	587	611	634	658	678	686
-62.5°	403	437	464	488	510	531	558	583	607	627	639
-65°	354	384	410	433	455	476	500	523	546	563	576
-67.5°	311	334	356	377	398	419	442	463	484	500	510
-70°	268	290	310	330	349	367	386	404	422	435	445
-72.5°	227	246	263	280	298	314	330	345	361	372	382
-75°	187	203	218	233	248	261	273	285	297	307	316
-77.5°	148	161	174	186	198	209	218	228	237	245	253
-80°	113	122	132	141	151	158	166	173	180	186	193
-82.5°	81	87	93	100	106	111	117	122	127	132	136
-85°	51	55	58	62	65	69	72	75	78	81	84
-87.5°	24	26	28	29	31	33	34	36	37	39	40
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627206 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-730-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	4	4	4	4	4	4	3	3	3
60°	13	13	13	13	13	13	13	13	13	16	17
57.5°	64	60	56	51	56	60	64	66	64	62	59
55°	139	147	151	149	151	147	139	131	124	121	119
52.5°	198	202	201	196	201	202	198	192	183	172	162
50°	271	271	269	265	269	271	271	266	256	239	217
47.5°	381	386	389	389	389	386	381	370	351	326	302
45°	488	494	496	495	496	494	488	478	452	417	380
42.5°	614	623	627	623	627	623	614	598	569	523	469
40°	870	881	876	862	876	881	870	837	780	702	635
37.5°	1318	1361	1379	1379	1379	1361	1318	1259	1175	1024	916
35°	2273	2425	2495	2408	2495	2425	2273	2082	1870	1649	1385
32.5°	3796	4066	4218	4218	4218	4066	3796	3431	2983	2526	2070
30°	5653	5990	6180	6220	6180	5990	5653	5182	4560	3873	3088
27.5°	7578	7927	8108	8082	8108	7927	7578	7078	6437	5545	4545
25°	9509	9774	9926	9930	9926	9774	9509	9021	8284	7409	6236
22.5°	12363	12919	13148	13209	13148	12919	12363	11545	10819	9716	8399
20°	15474	16013	16360	16381	16360	16013	15474	14723	13615	12375	10752
17.5°	18437	18705	18754	18776	18754	18705	18437	17635	16505	15237	13176
15°	21231	21325	21572	21603	21572	21325	21231	20495	19231	17838	15849
12.5°	22558	22643	22601	22486	22601	22643	22558	22003	21119	19685	17736
10°	23281	23160	22980	22764	22980	23160	23281	22881	22231	21122	19235
7.5°	23445	23310	22993	22678	22993	23310	23445	23481	23037	22110	20304
5°	23522	23128	22727	22345	22727	23128	23522	23653	23405	22638	21118
2.5°	23476	23007	22457	22047	22457	23007	23476	23672	23590	23037	21739
0°	23626	23152	22576	22422	22576	23152	23626	23852	23810	23366	22132
-2.5°	24043	23659	23358	23276	23358	23659	24043	24171	24074	23477	22157
-5°	24793	24709	24198	24318	24198	24709	24793	24685	24286	23385	21765
-7.5°	25518	25398	25182	25462	25182	25398	25518	25200	24419	23152	21287
-10°	25711	25672	25773	26021	25773	25672	25711	25138	24050	22524	20516
-12.5°	25120	25430	25777	26038	25777	25430	25120	24347	23223	21341	19150
-15°	23803	24436	24955	25201	24955	24436	23803	22882	21481	19721	17557
-17.5°	21863	22640	23254	23430	23254	22640	21863	20823	19352	17698	15745
-20°	19475	20265	20824	21047	20824	20265	19475	18410	17006	15455	13711

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REPORT NUMBER: P627206 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-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°	16787	17558	18065	18332	18065	17558	16787	15728	14529	13148	11509
-25°	14059	14737	15187	15305	15187	14737	14059	13165	12085	10801	9287
-27.5°	11450	11995	12327	12364	12327	11995	11450	10647	9629	8454	7153
-30°	8826	9332	9620	9772	9620	9332	8826	8057	7132	6205	5167
-32.5°	6199	6600	6844	6908	6844	6600	6199	5655	4992	4316	3659
-35°	4133	4383	4537	4568	4537	4383	4133	3807	3399	2956	2605
-37.5°	2763	2885	2960	2997	2960	2885	2763	2595	2387	2141	1923
-40°	1958	2015	2047	2054	2047	2015	1958	1876	1764	1613	1475
-42.5°	1497	1526	1541	1546	1541	1526	1497	1451	1378	1289	1205
-45°	1210	1230	1243	1247	1243	1230	1210	1182	1142	1092	1038
-47.5°	1035	1048	1056	1059	1056	1048	1035	1017	989	951	905
-50°	913	920	923	922	923	920	913	903	885	857	825
-52.5°	836	841	843	841	843	841	836	829	818	792	764
-55°	779	783	783	781	783	783	779	774	767	743	716
-57.5°	736	740	739	734	739	740	736	730	723	700	674
-60°	692	698	698	696	698	698	692	686	678	658	634
-62.5°	649	658	659	658	659	658	649	639	627	607	583
-65°	587	598	597	593	597	598	587	576	563	546	523
-67.5°	519	526	527	525	527	526	519	510	500	484	463
-70°	454	463	463	461	463	463	454	445	435	422	404
-72.5°	391	399	401	401	401	399	391	382	372	361	345
-75°	324	331	331	329	331	331	324	316	307	297	285
-77.5°	261	268	267	265	267	268	261	253	245	237	228
-80°	198	204	203	201	203	204	198	193	186	180	173
-82.5°	140	145	143	141	143	145	140	136	132	127	122
-85°	87	89	90	90	90	89	87	84	81	78	75
-87.5°	41	43	41	38	41	43	41	40	39	37	36
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627206 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-730-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	1	1	1	2	1	0	1
60°	15	10	14	14	11	8	11	10	4	3	3
57.5°	55	51	48	43	37	32	30	28	26	15	6
55°	118	106	92	83	77	66	55	48	44	36	24
52.5°	152	146	135	117	106	101	88	75	64	55	43
50°	200	196	185	167	151	138	128	110	94	80	65
47.5°	279	262	249	234	205	182	168	153	129	110	93
45°	352	328	306	286	261	231	205	184	163	141	123
42.5°	436	395	358	336	306	276	247	221	193	169	149
40°	568	496	450	405	369	325	296	265	232	198	177
37.5°	784	655	587	520	461	401	356	317	277	238	207
35°	1130	942	777	670	582	496	427	375	328	283	241
32.5°	1601	1318	1053	874	716	598	509	441	376	327	282
30°	2363	1830	1411	1116	901	719	590	502	426	365	321
27.5°	3539	2555	1940	1439	1116	881	698	565	473	404	353
25°	5002	3684	2664	1941	1407	1074	828	653	529	441	390
22.5°	6846	5269	3851	2537	1858	1384	1017	743	591	503	435
20°	9119	7089	5315	3770	2539	1747	1250	899	700	578	485
17.5°	11355	9265	6899	5053	3489	2372	1580	1098	805	653	537
15°	13619	11153	8646	6483	4487	2894	1876	1290	925	736	597
12.5°	15349	12786	9995	7629	5281	3450	2252	1536	1077	805	641
10°	16750	14094	11178	8529	6074	4019	2588	1720	1186	861	678
7.5°	17837	15031	12096	9300	6717	4493	2859	1863	1272	911	707
5°	18703	15839	12836	9932	7220	4844	3070	1973	1334	953	731
2.5°	19360	16436	13336	10348	7558	5088	3227	2066	1386	993	753
0°	19715	16650	13764	10609	7779	5260	3334	2139	1422	1025	768
-2.5°	19772	16746	13715	10514	7769	5198	3309	2124	1427	1035	780
-5°	19247	16361	13325	10246	7511	5051	3242	2080	1416	1033	785
-7.5°	18675	15732	12693	9731	7071	4799	3112	2010	1392	1023	782
-10°	17805	14895	12000	9081	6507	4429	2891	1903	1346	998	772
-12.5°	16552	13797	11094	8160	5820	3928	2589	1765	1277	960	755
-15°	15008	12463	9801	7246	5106	3407	2277	1594	1185	909	731
-17.5°	13404	10921	8395	6152	4279	2950	2055	1472	1105	862	702
-20°	11627	9249	7041	5066	3491	2439	1774	1324	1028	823	680

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REPORT NUMBER: P627206 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-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°	9590	7644	5697	3923	2848	2088	1550	1180	941	773	653
-25°	7667	6028	4346	3193	2319	1725	1347	1076	877	728	623
-27.5°	5799	4363	3381	2506	1884	1488	1187	965	806	691	600
-30°	4155	3291	2562	1966	1577	1267	1042	882	753	654	573
-32.5°	2978	2455	1933	1600	1311	1098	938	804	704	621	553
-35°	2189	1845	1540	1311	1118	974	844	748	662	588	532
-37.5°	1670	1437	1267	1104	982	871	780	699	621	563	511
-40°	1333	1183	1068	956	873	798	727	655	596	538	489
-42.5°	1117	1016	924	857	794	740	683	625	569	516	468
-45°	972	900	833	783	734	690	647	596	544	493	446
-47.5°	863	816	768	724	686	648	610	565	515	468	426
-50°	791	754	716	678	645	611	573	529	485	445	404
-52.5°	734	703	672	640	610	576	537	498	460	420	379
-55°	688	660	634	607	580	545	509	471	431	393	352
-57.5°	648	622	599	574	549	516	479	441	402	365	325
-60°	611	587	561	536	512	483	444	408	373	337	301
-62.5°	558	531	510	488	464	437	403	369	338	307	273
-65°	500	476	455	433	410	384	354	327	301	273	242
-67.5°	442	419	398	377	356	334	311	287	262	235	206
-70°	386	367	349	330	310	290	268	245	220	197	174
-72.5°	330	314	298	280	263	246	227	206	185	164	145
-75°	273	261	248	233	218	203	187	169	152	136	120
-77.5°	218	209	198	186	174	161	148	134	121	108	95
-80°	166	158	151	141	132	122	113	102	91	80	71
-82.5°	117	111	106	100	93	87	81	73	65	57	50
-85°	72	69	65	62	58	55	51	46	41	36	32
-87.5°	34	33	31	29	28	26	24	22	20	17	15
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627206 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-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	1	1	0	0
65°	1	1	0	1	2	3	2	1	1	1	0
62.5°	3	3	2	2	2	3	4	3	2	2	1
60°	3	4	4	3	3	4	4	4	3	3	2
57.5°	5	5	5	5	4	4	4	4	4	4	3
55°	11	7	6	6	5	4	4	4	4	4	4
52.5°	29	16	10	8	6	5	5	4	4	4	4
50°	50	33	19	12	9	7	6	5	4	4	5
47.5°	73	53	35	19	13	9	7	6	4	4	5
45°	101	76	53	33	18	14	9	7	5	5	5
42.5°	131	103	75	47	31	21	11	9	6	5	6
40°	157	133	99	69	45	29	18	10	8	5	6
37.5°	183	160	127	91	60	41	26	12	10	7	6
35°	211	184	154	114	79	52	36	16	12	8	6
32.5°	238	208	176	138	99	63	45	25	15	10	7
30°	272	230	196	161	118	79	55	34	19	12	7
27.5°	306	251	216	180	138	96	65	42	23	14	8
25°	339	279	234	197	156	113	76	50	29	17	10
22.5°	373	308	251	213	174	130	89	58	35	21	11
20°	408	336	269	231	190	145	103	68	41	24	13
17.5°	447	366	297	250	205	159	116	77	46	28	14
15°	486	397	324	269	221	172	128	86	51	32	16
12.5°	519	425	348	288	235	183	139	95	55	35	19
10°	549	449	369	306	249	193	149	104	61	38	22
7.5°	574	470	387	323	262	204	157	111	69	41	25
5°	595	488	401	336	273	217	164	116	76	43	28
2.5°	611	502	411	346	283	228	170	120	83	45	31
0°	623	512	418	354	290	239	175	124	90	47	34
-2.5°	629	520	430	361	300	244	181	130	94	53	35
-5°	630	524	440	366	309	248	186	136	97	59	36
-7.5°	631	526	445	370	315	251	190	141	100	64	37
-10°	628	526	446	375	317	253	193	145	103	68	38
-12.5°	620	523	446	377	317	256	197	147	105	71	38
-15°	606	517	444	377	317	257	200	149	106	72	39
-17.5°	588	509	440	374	316	258	201	149	106	71	40
-20°	576	500	435	367	314	257	201	147	106	70	42

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REPORT NUMBER: P627206 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-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°	562	491	427	362	311	255	199	143	104	69	43
-25°	544	481	417	359	307	252	195	138	102	68	43
-27.5°	528	468	407	353	301	247	188	135	99	66	43
-30°	512	455	398	346	293	239	179	131	96	65	42
-32.5°	496	442	388	335	284	232	170	125	93	64	42
-35°	479	428	375	323	274	221	163	119	91	63	41
-37.5°	461	411	360	310	264	211	159	117	88	60	39
-40°	442	394	344	299	253	200	154	115	84	56	38
-42.5°	422	376	330	288	241	192	148	112	80	54	36
-45°	403	359	316	273	230	183	141	106	75	51	34
-47.5°	384	341	298	256	217	173	133	100	69	49	33
-50°	361	319	276	239	201	161	124	92	66	46	32
-52.5°	336	292	256	222	185	147	114	84	63	44	30
-55°	308	270	239	205	169	134	103	79	59	42	29
-57.5°	288	253	220	186	152	121	94	73	55	40	27
-60°	266	232	200	167	135	108	87	67	51	37	26
-62.5°	241	209	177	146	119	97	79	62	47	34	24
-65°	211	180	151	127	105	86	71	56	42	31	22
-67.5°	178	153	129	108	91	76	63	49	37	28	20
-70°	151	128	108	93	79	66	54	42	32	24	18
-72.5°	126	109	92	78	66	56	45	35	27	21	15
-75°	104	90	76	64	54	45	37	29	23	17	13
-77.5°	83	71	60	51	44	36	29	23	18	15	12
-80°	62	54	47	40	33	27	22	18	15	13	11
-82.5°	44	39	34	29	25	21	18	15	13	11	9
-85°	28	25	22	20	17	15	13	11	9	7	6
-87.5°	14	12	11	10	9	7	6	5	4	4	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: P627206 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-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	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°	2	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°	4	3	3	4	2	0	0
45°	5	3	3	4	2	0	0
42.5°	5	4	4	4	2	0	0
40°	6	4	4	4	2	0	0
37.5°	6	4	4	4	3	0	0
35°	7	5	4	4	3	0	0
32.5°	7	5	4	4	3	0	0
30°	7	5	4	4	3	0	0
27.5°	8	6	4	4	3	0	0
25°	8	6	4	4	3	0	0
22.5°	8	7	4	4	4	0	0
20°	8	7	4	4	4	0	0
17.5°	9	8	4	4	4	0	0
15°	9	8	4	4	4	0	0
12.5°	10	8	4	4	4	0	0
10°	10	8	4	4	4	0	0
7.5°	11	8	4	4	4	0	0
5°	12	8	4	4	4	0	0
2.5°	12	8	4	4	4	0	0
0°	13	9	4	4	4	0	0
-2.5°	15	9	5	4	4	0	0
-5°	17	9	5	4	4	0	0
-7.5°	19	10	5	4	4	0	0
-10°	21	10	6	4	4	0	0
-12.5°	22	10	6	4	4	0	0
-15°	23	11	6	4	4	1	0
-17.5°	24	11	6	4	4	1	0
-20°	24	11	6	4	4	1	0

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REPORT NUMBER: P627206 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24	11	7	4	4	1	0
-25°	24	12	7	4	4	1	0
-27.5°	24	12	6	4	4	1	0
-30°	24	13	6	4	4	1	0
-32.5°	23	14	7	4	4	1	0
-35°	23	14	7	4	4	1	0
-37.5°	23	14	7	4	4	1	0
-40°	24	14	7	4	4	1	0
-42.5°	23	14	7	4	4	1	0
-45°	23	14	8	5	4	1	0
-47.5°	22	14	8	5	4	1	0
-50°	21	13	8	5	4	1	0
-52.5°	21	13	8	5	4	1	0
-55°	20	13	8	5	4	1	0
-57.5°	19	12	8	5	4	1	0
-60°	18	12	7	5	4	1	0
-62.5°	17	11	7	5	4	1	0
-65°	15	10	7	5	3	1	0
-67.5°	14	10	7	5	3	1	0
-70°	12	9	7	5	3	1	0
-72.5°	11	9	7	5	2	1	0
-75°	10	8	6	4	2	1	0
-77.5°	10	8	5	3	2	0	0
-80°	9	6	4	3	1	0	0
-82.5°	7	5	3	2	1	0	0
-85°	4	3	2	1	1	0	0
-87.5°	2	2	1	1	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)