

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: P627056 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-750-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627056 (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-SA2E-750-U-MWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14837 lumens
Efficiency: N/A
Efficacy: 118.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 20786.4 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 9937.8 lumens
Beam Efficiency: 67.0%

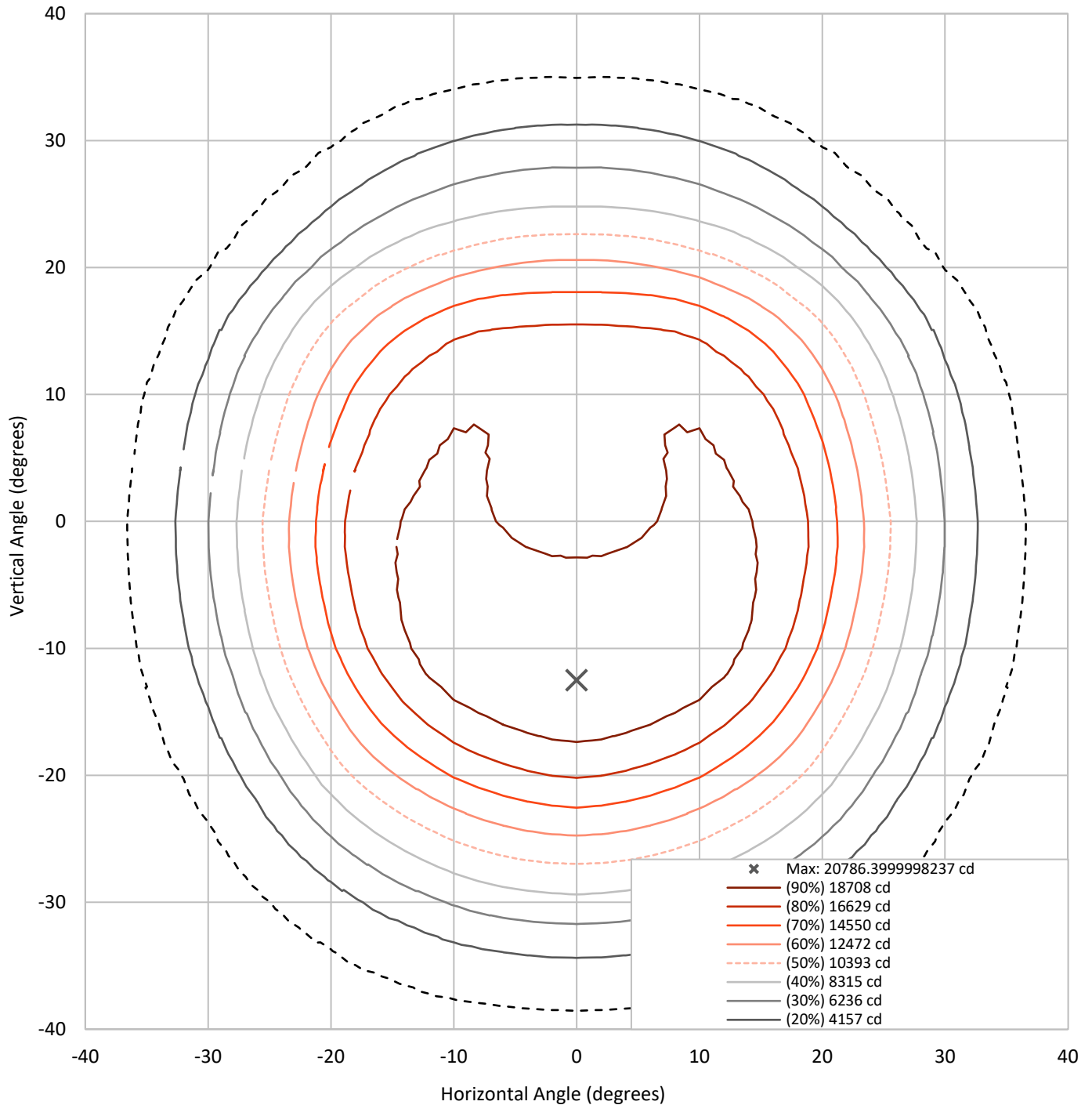
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 13380.3 lumens
Field Efficiency: 90.2%

Input Watts (W): 125.7
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: P627056 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-750-U-MWR-VSR-XX

Iso-Candela Plot





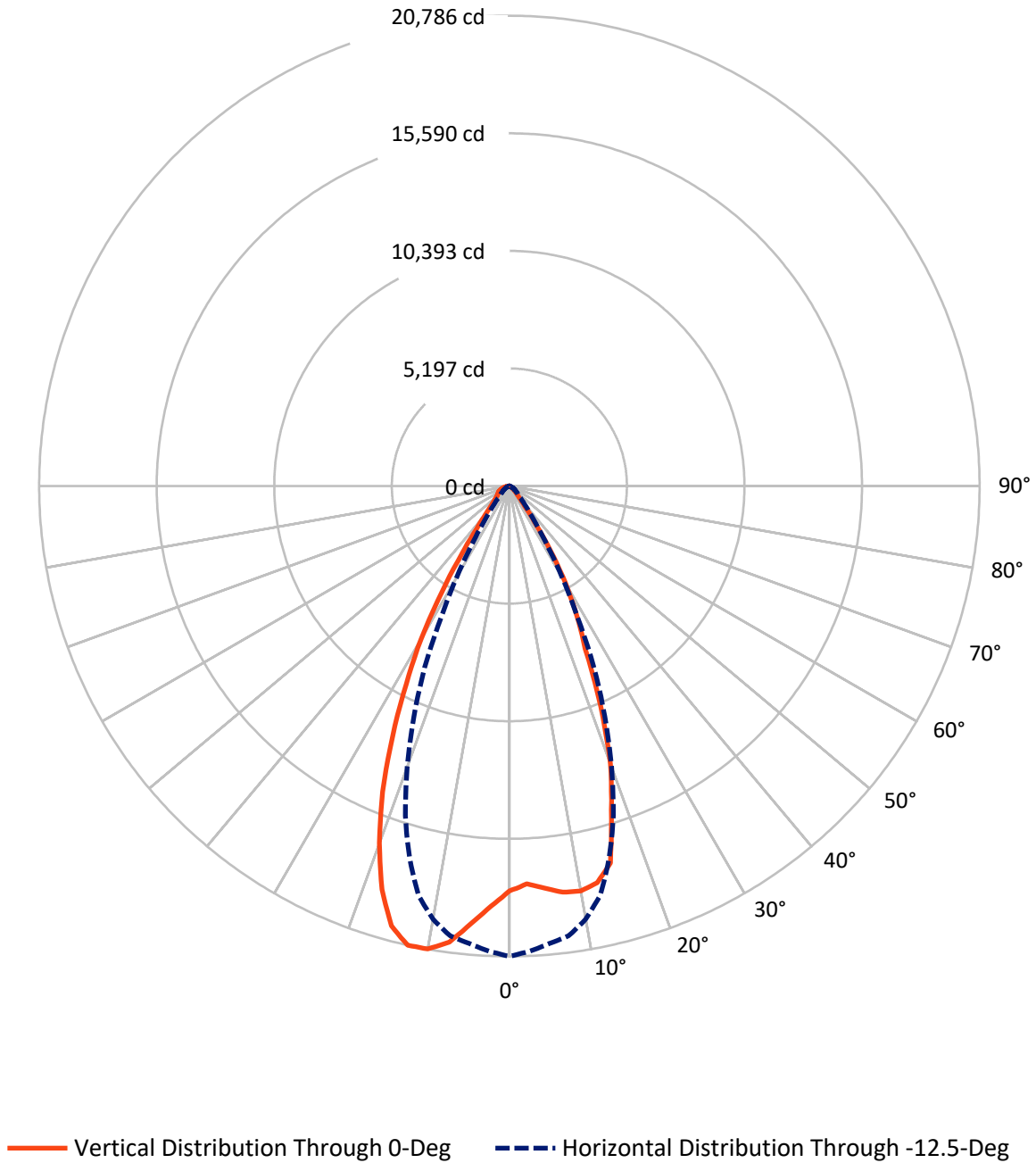
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Lumen Table

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	1.2	2.0	2.8	3.3	3.3	2.8	2.0	1.2	0.5	0.1		0.0			
40	0.1	0.1	0.6	2.1	4.2	6.8	10.2	12.5	12.5	10.2	6.8	4.2	2.1	0.6	0.1	0.1			
30		0.3	1.7	4.3	8.9	19.3	43.8	66.9	66.9	43.8	19.3	8.9	4.3	1.7	0.3				
20	0.2	0.6	2.8	6.9	18.6	69.0	177.6	248.3	248.3	177.6	69.0	18.6	6.9	2.8	0.6	0.2			
10		1.0	3.9	10.7	44.3	191.5	399.6	494.7	494.7	399.6	191.5	44.3	10.7	3.9	1.0				
0	0.3	1.3	4.8	13.8	70.6	282.0	515.2	558.5	558.5	515.2	282.0	70.6	13.8	4.8	1.3	0.3			
-10		1.5	5.3	14.8	73.8	291.3	533.7	592.8	592.8	533.7	291.3	73.8	14.8	5.3	1.5				
-20	0.4	1.6	5.4	13.4	52.8	216.9	450.3	574.9	574.9	450.3	216.9	52.8	13.4	5.4	1.6	0.4			
-30		1.6	5.1	11.2	29.5	105.2	250.9	353.0	353.0	250.9	105.2	29.5	11.2	5.1	1.6				
-40	0.4	1.4	4.6	9.3	17.6	37.5	78.4	116.3	116.3	78.4	37.5	17.6	9.3	4.6	1.4	0.4			
-50		1.2	3.8	7.7	12.9	19.0	26.7	31.7	31.7	26.7	19.0	12.9	7.7	3.8	1.2				
-60	0.3	0.9	2.9	6.1	10.1	14.0	17.5	19.1	19.1	17.5	14.0	10.1	6.1	2.9	0.9	0.3			
-70		0.6	1.8	4.1	7.1	10.0	12.7	14.2	14.2	12.7	10.0	7.1	4.1	1.8	0.6				
-80	0.1	1.6	7.5	15.9	20.4	15.9	7.5	1.6	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

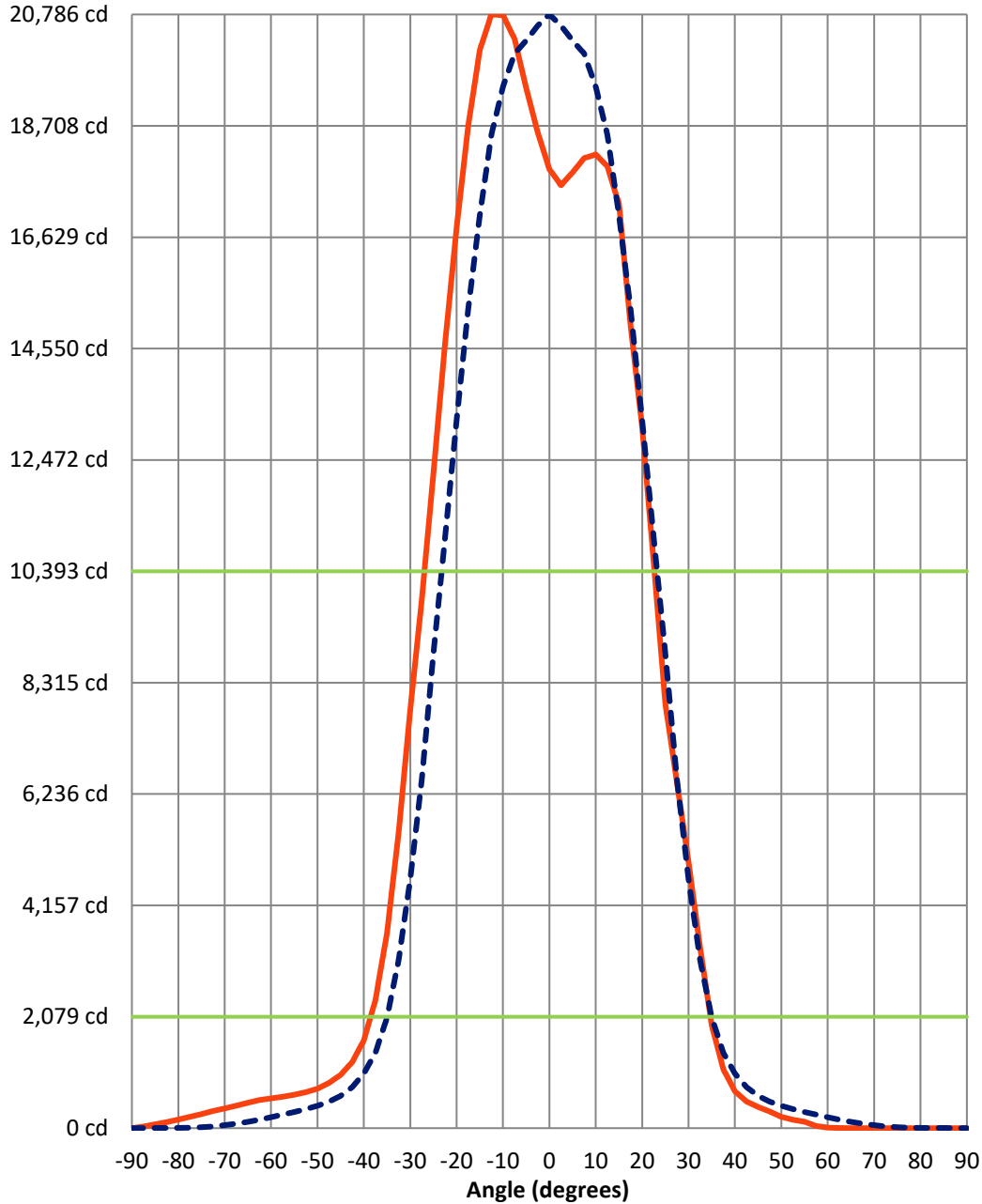
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 9937.8
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 13380.3
 Efficiency: 90.2%

Spill:
 Lumens: 1456.6
 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	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	1	1	0	0	1	1	1
62.5°	0	0	0	1	2	1	1	1	2	2	2
60°	0	0	0	1	2	1	1	2	2	2	3
57.5°	0	0	0	2	2	1	1	2	3	3	3
55°	0	0	0	2	2	2	2	3	3	3	3
52.5°	0	0	1	3	2	2	3	3	3	3	3
50°	0	0	1	3	2	2	3	4	3	3	4
47.5°	0	0	1	3	3	2	3	4	3	3	5
45°	0	0	1	3	3	3	4	4	4	4	6
42.5°	0	0	2	3	3	3	4	4	4	5	7
40°	0	0	2	3	3	3	4	5	4	6	8
37.5°	0	0	2	3	3	3	5	5	6	8	9
35°	0	0	2	3	3	4	5	5	7	10	13
32.5°	0	0	2	3	3	4	6	5	8	12	20
30°	0	0	2	3	3	4	6	6	9	15	27
27.5°	0	0	3	3	3	5	6	7	11	18	34
25°	0	0	3	3	3	5	6	8	14	23	40
22.5°	0	0	3	3	3	5	7	9	16	28	47
20°	0	0	3	3	3	6	7	10	19	33	54
17.5°	0	0	3	3	3	6	7	11	22	37	61
15°	0	0	3	3	3	6	7	13	25	40	69
12.5°	0	0	3	3	3	6	8	15	28	44	76
10°	0	0	3	3	3	7	8	18	31	49	83
7.5°	0	0	3	3	3	7	9	20	33	55	88
5°	0	0	3	3	3	7	9	23	35	61	93
2.5°	0	0	3	3	3	7	10	25	36	66	96
0°	0	0	3	3	3	7	10	27	37	72	99
-2.5°	0	0	3	3	4	7	12	28	42	75	104
-5°	0	0	3	3	4	7	14	29	47	78	109
-7.5°	0	0	3	3	4	8	15	30	51	80	113
-10°	0	0	3	3	5	8	17	30	54	82	115
-12.5°	0	0	3	3	5	8	18	31	56	84	118
-15°	0	0	3	3	5	8	19	31	57	84	119
-17.5°	0	0	3	3	5	9	19	32	57	85	119
-20°	0	1	3	3	5	9	19	33	56	84	117

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REPORT NUMBER: P627056 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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	3	5	9	20	34	55	83	114
-25°	0	1	3	3	5	9	20	35	54	81	110
-27.5°	0	1	3	3	5	10	19	34	53	79	107
-30°	0	1	3	3	5	10	19	34	52	77	104
-32.5°	0	1	3	3	5	11	18	33	51	75	100
-35°	0	1	3	3	5	11	19	32	50	72	95
-37.5°	0	1	3	3	6	11	19	31	48	70	94
-40°	0	1	3	3	6	11	19	30	45	67	92
-42.5°	0	1	3	3	6	11	19	29	43	64	89
-45°	0	1	3	4	6	11	18	28	41	60	85
-47.5°	0	1	3	4	6	11	18	27	39	55	80
-50°	0	1	3	4	6	11	17	26	37	53	73
-52.5°	0	1	3	4	6	10	17	24	35	50	67
-55°	0	1	3	4	6	10	16	23	34	47	63
-57.5°	0	1	3	4	6	10	15	22	32	44	58
-60°	0	1	3	4	6	9	14	21	29	41	54
-62.5°	0	1	3	4	6	9	13	19	27	37	49
-65°	0	1	3	4	6	8	12	18	25	34	45
-67.5°	0	1	2	4	6	8	11	16	22	30	39
-70°	0	1	2	4	5	7	10	14	19	26	34
-72.5°	0	0	2	4	5	7	9	12	17	22	28
-75°	0	0	2	3	5	6	8	11	13	18	23
-77.5°	0	0	1	3	4	6	8	10	12	14	18
-80°	0	0	1	2	3	5	7	8	10	12	15
-82.5°	0	0	1	2	3	4	5	7	9	10	12
-85°	0	0	1	1	2	3	4	5	6	7	9
-87.5°	0	0	0	1	1	1	2	2	3	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627056 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	3	3	2	1	2	3	2	1	0	1	1
60°	3	3	2	3	3	3	2	2	3	3	8
57.5°	3	3	3	4	4	4	4	5	12	20	23
55°	3	3	4	5	5	6	9	19	29	35	38
52.5°	4	4	5	6	8	13	24	35	44	51	60
50°	4	5	7	9	15	27	40	52	64	75	88
47.5°	6	7	10	15	28	43	58	74	88	103	122
45°	7	11	15	26	42	61	81	98	113	130	147
42.5°	9	17	25	38	60	82	104	119	135	154	176
40°	14	23	36	55	79	106	125	141	158	185	212
37.5°	21	33	48	72	101	127	146	165	190	221	253
35°	28	42	63	91	123	147	168	192	226	262	300
32.5°	36	50	79	110	140	166	190	225	261	300	352
30°	44	63	94	128	157	184	217	256	291	340	401
27.5°	52	76	110	143	172	201	244	282	323	378	451
25°	61	90	124	157	187	223	271	311	352	423	521
22.5°	71	103	139	170	201	246	297	347	402	472	594
20°	82	116	152	185	215	268	326	387	461	558	718
17.5°	93	127	164	200	237	292	357	429	521	642	877
15°	102	137	176	215	259	317	388	476	588	739	1030
12.5°	111	146	188	230	278	339	415	511	643	860	1226
10°	119	154	199	244	295	358	438	541	688	947	1373
7.5°	125	163	209	258	309	375	458	565	727	1015	1487
5°	131	173	218	268	320	389	475	583	761	1065	1575
2.5°	136	182	226	276	328	400	488	601	793	1106	1650
0°	140	191	232	283	334	409	498	613	818	1135	1707
-2.5°	145	195	240	288	344	415	502	623	826	1139	1696
-5°	149	198	246	292	351	418	503	626	825	1130	1661
-7.5°	152	200	251	295	355	420	504	624	816	1111	1604
-10°	154	202	253	299	356	420	501	616	797	1074	1519
-12.5°	158	204	253	301	356	417	495	603	766	1020	1409
-15°	160	205	253	301	354	413	484	583	726	946	1273
-17.5°	161	206	252	298	351	406	470	560	688	882	1175
-20°	160	205	251	293	347	399	460	542	657	820	1057

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	159	204	248	289	341	392	449	521	617	751	942
-25°	156	201	245	286	333	384	434	497	581	700	859
-27.5°	150	197	240	282	325	374	421	479	552	643	771
-30°	143	191	234	276	318	364	409	458	522	601	704
-32.5°	135	185	226	267	310	353	396	441	496	562	642
-35°	130	177	219	258	299	341	383	425	470	528	597
-37.5°	127	168	211	248	287	328	368	408	450	496	558
-40°	123	160	202	239	274	314	353	391	429	475	523
-42.5°	118	154	193	230	264	300	337	373	412	455	499
-45°	113	146	183	218	252	286	322	356	394	434	475
-47.5°	106	138	173	204	238	272	306	340	373	411	451
-50°	99	129	161	191	221	254	289	323	355	387	422
-52.5°	91	117	148	177	205	233	268	303	335	367	398
-55°	82	107	135	163	191	216	246	281	313	344	376
-57.5°	75	96	122	149	176	202	230	259	291	321	352
-60°	69	86	108	133	160	186	213	240	269	298	325
-62.5°	63	78	95	116	141	167	192	218	245	270	295
-65°	57	69	84	101	121	144	168	193	218	240	261
-67.5°	50	61	73	86	103	122	142	165	188	209	229
-70°	43	53	63	74	87	103	121	139	157	176	195
-72.5°	36	44	53	62	73	87	101	115	131	148	164
-75°	29	36	43	51	61	72	83	96	109	122	135
-77.5°	23	29	35	41	48	57	66	76	86	96	107
-80°	18	22	27	32	37	43	50	56	64	73	81
-82.5°	14	17	20	23	27	31	35	40	46	52	58
-85°	10	12	14	16	18	20	23	25	29	33	37
-87.5°	5	6	7	8	9	10	11	12	14	16	18
-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	2	2	2	3
60°	9	6	9	11	11	8	12	14	13	10	11
57.5°	24	26	29	35	38	40	44	47	50	51	53
55°	44	53	62	66	73	84	94	95	97	99	105
52.5°	70	80	85	93	108	117	121	129	138	146	153
50°	102	110	121	134	148	157	160	174	191	204	213
47.5°	134	145	164	187	199	209	223	241	260	280	296
45°	163	184	208	228	244	262	281	303	333	361	382
42.5°	197	221	245	268	286	315	348	375	417	454	478
40°	237	260	294	323	359	396	454	507	561	623	668
37.5°	284	320	368	415	468	523	626	731	817	938	1005
35°	341	396	465	535	620	752	902	1105	1317	1493	1662
32.5°	407	477	572	697	840	1052	1278	1652	2017	2381	2739
30°	471	574	719	891	1126	1461	1886	2465	3092	3640	4137
27.5°	557	703	891	1149	1549	2040	2825	3628	4426	5139	5650
25°	661	857	1123	1549	2127	2941	3993	4978	5915	6613	7202
22.5°	812	1105	1483	2025	3074	4206	5465	6705	7757	8637	9217
20°	998	1395	2027	3010	4243	5659	7280	8583	9879	10869	11754
17.5°	1261	1893	2785	4034	5508	7396	9065	10519	12164	13176	14078
15°	1498	2310	3582	5175	6902	8904	10872	12652	14240	15352	16361
12.5°	1797	2754	4216	6090	7979	10207	12253	14159	15714	16859	17565
10°	2066	3209	4849	6809	8923	11251	13371	15356	16862	17747	18266
7.5°	2283	3587	5362	7424	9657	11999	14239	16209	17650	18390	18745
5°	2451	3867	5764	7929	10247	12645	14931	16858	18072	18684	18882
2.5°	2577	4062	6034	8261	10646	13121	15455	17355	18390	18832	18898
0°	2662	4199	6210	8469	10988	13292	15739	17668	18653	19007	19041
-2.5°	2642	4149	6202	8394	10949	13369	15784	17688	18742	19218	19296
-5°	2588	4032	5996	8179	10637	13061	15365	17375	18668	19388	19706
-7.5°	2484	3831	5645	7769	10133	12559	14908	16994	18482	19494	20117
-10°	2307	3536	5195	7249	9579	11891	14214	16378	17981	19199	20067
-12.5°	2066	3136	4646	6514	8856	11014	13213	15287	17037	18539	19436
-15°	1818	2720	4076	5785	7824	9949	11981	14016	15743	17148	18267
-17.5°	1640	2355	3416	4911	6702	8718	10700	12570	14128	15449	16623
-20°	1416	1947	2787	4044	5621	7383	9282	10946	12337	13576	14697

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REPORT NUMBER: P627056 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	1237	1667	2274	3132	4548	6102	7656	9188	10496	11599	12556
-25°	1075	1377	1851	2549	3470	4812	6121	7414	8622	9647	10509
-27.5°	948	1188	1504	2000	2699	3483	4629	5711	6749	7686	8499
-30°	832	1012	1259	1570	2045	2627	3317	4125	4953	5693	6432
-32.5°	749	877	1047	1277	1544	1960	2377	2921	3445	3985	4515
-35°	674	777	893	1047	1230	1473	1747	2080	2360	2713	3039
-37.5°	623	695	784	881	1012	1147	1333	1535	1709	1906	2071
-40°	580	637	697	763	853	944	1064	1178	1288	1408	1497
-42.5°	545	591	634	684	737	811	892	962	1029	1100	1158
-45°	517	551	586	625	665	719	776	828	872	911	943
-47.5°	487	517	548	578	613	651	689	723	759	790	812
-50°	457	487	515	542	571	602	631	658	684	707	721
-52.5°	428	460	487	511	536	561	586	610	633	653	662
-55°	406	435	463	485	506	527	549	572	593	612	618
-57.5°	382	412	438	458	478	497	517	538	559	577	583
-60°	355	385	409	428	448	468	487	506	525	541	547
-62.5°	322	349	371	389	407	424	445	465	485	501	510
-65°	283	306	327	346	363	380	399	418	436	450	460
-67.5°	248	267	284	301	318	335	353	370	387	399	407
-70°	214	232	248	263	278	293	308	322	337	347	355
-72.5°	181	196	210	224	237	251	263	276	288	297	305
-75°	149	162	174	186	198	208	218	228	237	245	252
-77.5°	118	128	139	149	158	167	174	182	189	196	202
-80°	90	98	105	113	120	127	132	138	144	149	154
-82.5°	65	70	75	80	85	89	93	97	101	105	109
-85°	41	44	47	49	52	55	57	60	62	65	67
-87.5°	20	21	22	23	25	26	27	28	30	31	32
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627056 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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	3	3	3	3	3	3	3	2	2	2
60°	11	10	10	10	10	10	11	11	10	13	14
57.5°	51	48	44	41	44	48	51	53	51	50	47
55°	111	118	120	119	120	118	111	105	99	97	95
52.5°	158	161	160	157	160	161	158	153	146	138	129
50°	216	217	215	211	215	217	216	213	204	191	174
47.5°	304	308	311	310	311	308	304	296	280	260	241
45°	390	394	396	395	396	394	390	382	361	333	303
42.5°	490	498	500	498	500	498	490	478	454	417	375
40°	694	703	699	688	699	703	694	668	623	561	507
37.5°	1052	1086	1100	1101	1100	1086	1052	1005	938	817	731
35°	1815	1936	1992	1922	1992	1936	1815	1662	1493	1317	1105
32.5°	3031	3246	3367	3367	3367	3246	3031	2739	2381	2017	1652
30°	4513	4782	4934	4966	4934	4782	4513	4137	3640	3092	2465
27.5°	6049	6328	6473	6452	6473	6328	6049	5650	5139	4426	3628
25°	7591	7802	7924	7927	7924	7802	7591	7202	6613	5915	4978
22.5°	9869	10313	10496	10545	10496	10313	9869	9217	8637	7757	6705
20°	12353	12783	13061	13077	13061	12783	12353	11754	10869	9879	8583
17.5°	14718	14932	14971	14989	14971	14932	14718	14078	13176	12164	10519
15°	16949	17023	17221	17245	17221	17023	16949	16361	15352	14240	12652
12.5°	18008	18076	18042	17951	18042	18076	18008	17565	16859	15714	14159
10°	18585	18488	18345	18172	18345	18488	18585	18266	17747	16862	15356
7.5°	18716	18609	18355	18104	18355	18609	18716	18745	18390	17650	16209
5°	18778	18463	18143	17838	18143	18463	18778	18882	18684	18072	16858
2.5°	18741	18367	17928	17600	17928	18367	18741	18898	18832	18390	17355
0°	18861	18482	18022	17900	18022	18482	18861	19041	19007	18653	17668
-2.5°	19194	18887	18647	18581	18647	18887	19194	19296	19218	18742	17688
-5°	19793	19725	19317	19413	19317	19725	19793	19706	19388	18668	17375
-7.5°	20371	20275	20103	20326	20103	20275	20371	20117	19494	18482	16994
-10°	20525	20494	20574	20773	20574	20494	20525	20067	19199	17981	16378
-12.5°	20054	20301	20578	20786	20578	20301	20054	19436	18539	17037	15287
-15°	19002	19508	19922	20118	19922	19508	19002	18267	17148	15743	14016
-17.5°	17453	18073	18564	18704	18564	18073	17453	16623	15449	14128	12570
-20°	15547	16177	16624	16802	16624	16177	15547	14697	13576	12337	10946

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CATALOG NUMBER: GFLD-SA2E-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°	13401	14017	14421	14635	14421	14017	13401	12556	11599	10496	9188
-25°	11223	11764	12124	12218	12124	11764	11223	10509	9647	8622	7414
-27.5°	9141	9576	9841	9870	9841	9576	9141	8499	7686	6749	5711
-30°	7046	7450	7680	7801	7680	7450	7046	6432	5693	4953	4125
-32.5°	4948	5269	5463	5514	5463	5269	4948	4515	3985	3445	2921
-35°	3299	3499	3622	3647	3622	3499	3299	3039	2713	2360	2080
-37.5°	2206	2303	2363	2392	2363	2303	2206	2071	1906	1709	1535
-40°	1563	1609	1634	1639	1634	1609	1563	1497	1408	1288	1178
-42.5°	1195	1219	1231	1234	1231	1219	1195	1158	1100	1029	962
-45°	966	982	992	995	992	982	966	943	911	872	828
-47.5°	826	837	843	845	843	837	826	812	790	759	723
-50°	729	735	737	736	737	735	729	721	707	684	658
-52.5°	668	672	673	671	673	672	668	662	653	633	610
-55°	622	625	625	624	625	625	622	618	612	593	572
-57.5°	587	591	590	586	590	591	587	583	577	559	538
-60°	553	557	557	556	557	557	553	547	541	525	506
-62.5°	518	525	526	525	526	525	518	510	501	485	465
-65°	469	477	477	474	477	477	469	460	450	436	418
-67.5°	414	420	421	419	421	420	414	407	399	387	370
-70°	363	369	370	368	370	369	363	355	347	337	322
-72.5°	312	318	320	320	320	318	312	305	297	288	276
-75°	258	264	264	262	264	264	258	252	245	237	228
-77.5°	208	214	213	211	213	214	208	202	196	189	182
-80°	158	163	162	160	162	163	158	154	149	144	138
-82.5°	112	115	114	113	114	115	112	109	105	101	97
-85°	69	71	72	72	72	71	69	67	65	62	60
-87.5°	33	34	32	31	32	34	33	32	31	30	28
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627056 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	12	8	11	11	9	6	9	8	3	3	2
57.5°	44	40	38	35	29	26	24	23	20	12	5
55°	94	84	73	66	62	53	44	38	35	29	19
52.5°	121	117	108	93	85	80	70	60	51	44	35
50°	160	157	148	134	121	110	102	88	75	64	52
47.5°	223	209	199	187	164	145	134	122	103	88	74
45°	281	262	244	228	208	184	163	147	130	113	98
42.5°	348	315	286	268	245	221	197	176	154	135	119
40°	454	396	359	323	294	260	237	212	185	158	141
37.5°	626	523	468	415	368	320	284	253	221	190	165
35°	902	752	620	535	465	396	341	300	262	226	192
32.5°	1278	1052	840	697	572	477	407	352	300	261	225
30°	1886	1461	1126	891	719	574	471	401	340	291	256
27.5°	2825	2040	1549	1149	891	703	557	451	378	323	282
25°	3993	2941	2127	1549	1123	857	661	521	423	352	311
22.5°	5465	4206	3074	2025	1483	1105	812	594	472	402	347
20°	7280	5659	4243	3010	2027	1395	998	718	558	461	387
17.5°	9065	7396	5508	4034	2785	1893	1261	877	642	521	429
15°	10872	8904	6902	5175	3582	2310	1498	1030	739	588	476
12.5°	12253	10207	7979	6090	4216	2754	1797	1226	860	643	511
10°	13371	11251	8923	6809	4849	3209	2066	1373	947	688	541
7.5°	14239	11999	9657	7424	5362	3587	2283	1487	1015	727	565
5°	14931	12645	10247	7929	5764	3867	2451	1575	1065	761	583
2.5°	15455	13121	10646	8261	6034	4062	2577	1650	1106	793	601
0°	15739	13292	10988	8469	6210	4199	2662	1707	1135	818	613
-2.5°	15784	13369	10949	8394	6202	4149	2642	1696	1139	826	623
-5°	15365	13061	10637	8179	5996	4032	2588	1661	1130	825	626
-7.5°	14908	12559	10133	7769	5645	3831	2484	1604	1111	816	624
-10°	14214	11891	9579	7249	5195	3536	2307	1519	1074	797	616
-12.5°	13213	11014	8856	6514	4646	3136	2066	1409	1020	766	603
-15°	11981	9949	7824	5785	4076	2720	1818	1273	946	726	583
-17.5°	10700	8718	6702	4911	3416	2355	1640	1175	882	688	560
-20°	9282	7383	5621	4044	2787	1947	1416	1057	820	657	542

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REPORT NUMBER: P627056 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	7656	6102	4548	3132	2274	1667	1237	942	751	617	521
-25°	6121	4812	3470	2549	1851	1377	1075	859	700	581	497
-27.5°	4629	3483	2699	2000	1504	1188	948	771	643	552	479
-30°	3317	2627	2045	1570	1259	1012	832	704	601	522	458
-32.5°	2377	1960	1544	1277	1047	877	749	642	562	496	441
-35°	1747	1473	1230	1047	893	777	674	597	528	470	425
-37.5°	1333	1147	1012	881	784	695	623	558	496	450	408
-40°	1064	944	853	763	697	637	580	523	475	429	391
-42.5°	892	811	737	684	634	591	545	499	455	412	373
-45°	776	719	665	625	586	551	517	475	434	394	356
-47.5°	689	651	613	578	548	517	487	451	411	373	340
-50°	631	602	571	542	515	487	457	422	387	355	323
-52.5°	586	561	536	511	487	460	428	398	367	335	303
-55°	549	527	506	485	463	435	406	376	344	313	281
-57.5°	517	497	478	458	438	412	382	352	321	291	259
-60°	487	468	448	428	409	385	355	325	298	269	240
-62.5°	445	424	407	389	371	349	322	295	270	245	218
-65°	399	380	363	346	327	306	283	261	240	218	193
-67.5°	353	335	318	301	284	267	248	229	209	188	165
-70°	308	293	278	263	248	232	214	195	176	157	139
-72.5°	263	251	237	224	210	196	181	164	148	131	115
-75°	218	208	198	186	174	162	149	135	122	109	96
-77.5°	174	167	158	149	139	128	118	107	96	86	76
-80°	132	127	120	113	105	98	90	81	73	64	56
-82.5°	93	89	85	80	75	70	65	58	52	46	40
-85°	57	55	52	49	47	44	41	37	33	29	25
-87.5°	27	26	25	23	22	21	20	18	16	14	12
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627056 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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	1	2	3	3	2	2	2	1
60°	2	3	3	3	2	3	3	3	2	2	2
57.5°	4	4	4	4	3	3	3	3	3	3	2
55°	9	6	5	5	4	3	3	3	3	3	3
52.5°	24	13	8	6	5	4	4	3	3	3	3
50°	40	27	15	9	7	5	4	4	3	3	4
47.5°	58	43	28	15	10	7	6	5	3	3	4
45°	81	61	42	26	15	11	7	6	4	4	4
42.5°	104	82	60	38	25	17	9	7	5	4	4
40°	125	106	79	55	36	23	14	8	6	4	5
37.5°	146	127	101	72	48	33	21	9	8	6	5
35°	168	147	123	91	63	42	28	13	10	7	5
32.5°	190	166	140	110	79	50	36	20	12	8	5
30°	217	184	157	128	94	63	44	27	15	9	6
27.5°	244	201	172	143	110	76	52	34	18	11	7
25°	271	223	187	157	124	90	61	40	23	14	8
22.5°	297	246	201	170	139	103	71	47	28	16	9
20°	326	268	215	185	152	116	82	54	33	19	10
17.5°	357	292	237	200	164	127	93	61	37	22	11
15°	388	317	259	215	176	137	102	69	40	25	13
12.5°	415	339	278	230	188	146	111	76	44	28	15
10°	438	358	295	244	199	154	119	83	49	31	18
7.5°	458	375	309	258	209	163	125	88	55	33	20
5°	475	389	320	268	218	173	131	93	61	35	23
2.5°	488	400	328	276	226	182	136	96	66	36	25
0°	498	409	334	283	232	191	140	99	72	37	27
-2.5°	502	415	344	288	240	195	145	104	75	42	28
-5°	503	418	351	292	246	198	149	109	78	47	29
-7.5°	504	420	355	295	251	200	152	113	80	51	30
-10°	501	420	356	299	253	202	154	115	82	54	30
-12.5°	495	417	356	301	253	204	158	118	84	56	31
-15°	484	413	354	301	253	205	160	119	84	57	31
-17.5°	470	406	351	298	252	206	161	119	85	57	32
-20°	460	399	347	293	251	205	160	117	84	56	33

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CATALOG NUMBER: GFLD-SA2E-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°	449	392	341	289	248	204	159	114	83	55	34
-25°	434	384	333	286	245	201	156	110	81	54	35
-27.5°	421	374	325	282	240	197	150	107	79	53	34
-30°	409	364	318	276	234	191	143	104	77	52	34
-32.5°	396	353	310	267	226	185	135	100	75	51	33
-35°	383	341	299	258	219	177	130	95	72	50	32
-37.5°	368	328	287	248	211	168	127	94	70	48	31
-40°	353	314	274	239	202	160	123	92	67	45	30
-42.5°	337	300	264	230	193	154	118	89	64	43	29
-45°	322	286	252	218	183	146	113	85	60	41	28
-47.5°	306	272	238	204	173	138	106	80	55	39	27
-50°	289	254	221	191	161	129	99	73	53	37	26
-52.5°	268	233	205	177	148	117	91	67	50	35	24
-55°	246	216	191	163	135	107	82	63	47	34	23
-57.5°	230	202	176	149	122	96	75	58	44	32	22
-60°	213	186	160	133	108	86	69	54	41	29	21
-62.5°	192	167	141	116	95	78	63	49	37	27	19
-65°	168	144	121	101	84	69	57	45	34	25	18
-67.5°	142	122	103	86	73	61	50	39	30	22	16
-70°	121	103	87	74	63	53	43	34	26	19	14
-72.5°	101	87	73	62	53	44	36	28	22	17	12
-75°	83	72	61	51	43	36	29	23	18	13	11
-77.5°	66	57	48	41	35	29	23	18	14	12	10
-80°	50	43	37	32	27	22	18	15	12	10	8
-82.5°	35	31	27	23	20	17	14	12	10	9	7
-85°	23	20	18	16	14	12	10	9	7	6	5
-87.5°	11	10	9	8	7	6	5	4	4	3	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: P627056 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	0	1	1	1	0	0	0
62.5°	1	1	2	1	0	0	0
60°	1	1	2	1	0	0	0
57.5°	1	1	2	2	0	0	0
55°	2	2	2	2	0	0	0
52.5°	3	2	2	3	1	0	0
50°	3	2	2	3	1	0	0
47.5°	3	2	3	3	1	0	0
45°	4	3	3	3	1	0	0
42.5°	4	3	3	3	2	0	0
40°	4	3	3	3	2	0	0
37.5°	5	3	3	3	2	0	0
35°	5	4	3	3	2	0	0
32.5°	6	4	3	3	2	0	0
30°	6	4	3	3	2	0	0
27.5°	6	5	3	3	3	0	0
25°	6	5	3	3	3	0	0
22.5°	7	5	3	3	3	0	0
20°	7	6	3	3	3	0	0
17.5°	7	6	3	3	3	0	0
15°	7	6	3	3	3	0	0
12.5°	8	6	3	3	3	0	0
10°	8	7	3	3	3	0	0
7.5°	9	7	3	3	3	0	0
5°	9	7	3	3	3	0	0
2.5°	10	7	3	3	3	0	0
0°	10	7	3	3	3	0	0
-2.5°	12	7	4	3	3	0	0
-5°	14	7	4	3	3	0	0
-7.5°	15	8	4	3	3	0	0
-10°	17	8	5	3	3	0	0
-12.5°	18	8	5	3	3	0	0
-15°	19	8	5	3	3	0	0
-17.5°	19	9	5	3	3	0	0
-20°	19	9	5	3	3	1	0

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REPORT NUMBER: P627056 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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