

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: P626696 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-750-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626696 (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-SA1C-750-U-MWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5525.2 lumens
Efficiency: N/A
Efficacy: 127.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 7740.7 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 3700.7 lumens
Beam Efficiency: 67.0%

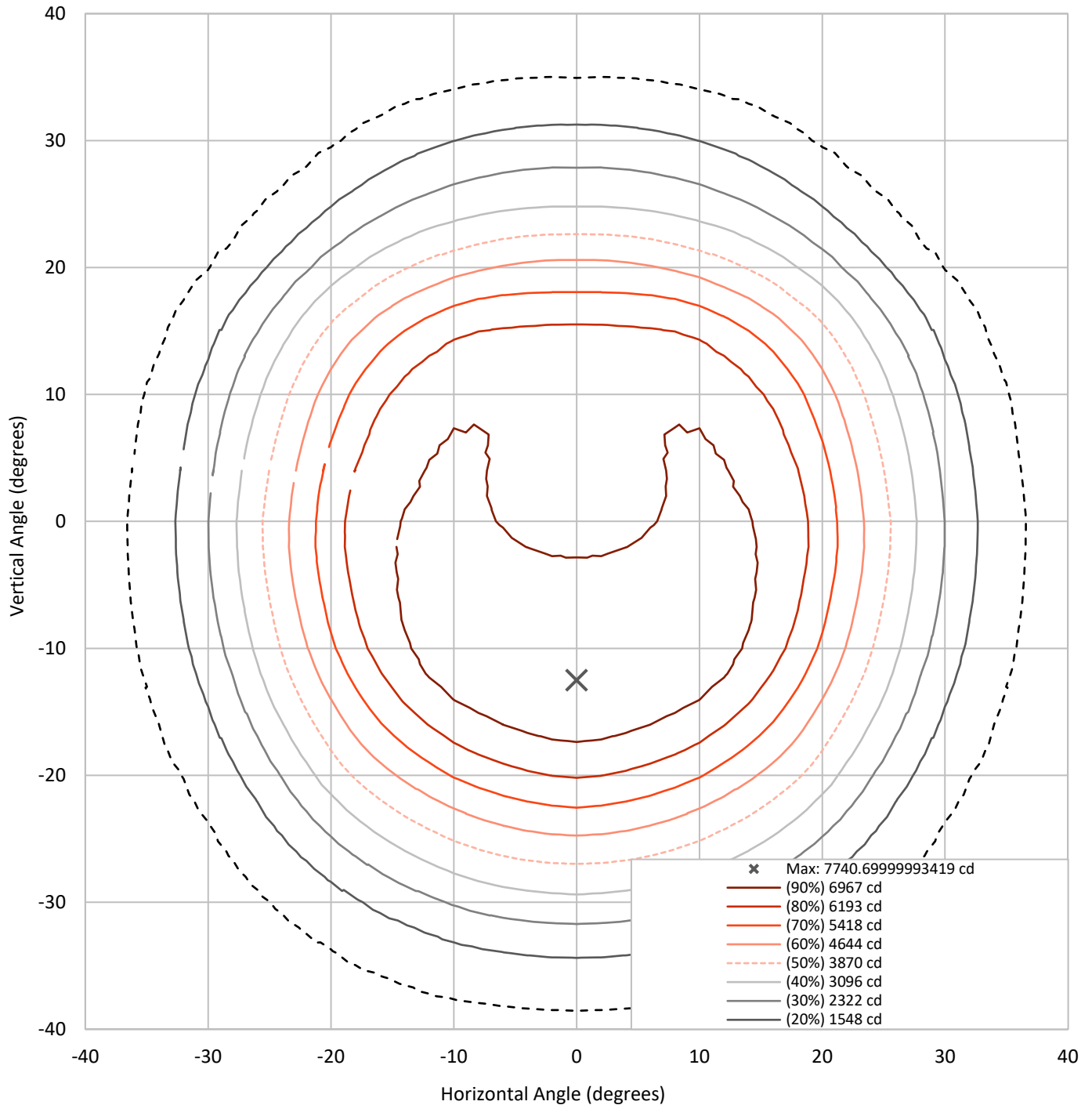
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 4982.7 lumens
Field Efficiency: 90.2%

Input Watts (W): 43.5
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: P626696 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-750-U-MWR-VSR-XX

Iso-Candela Plot





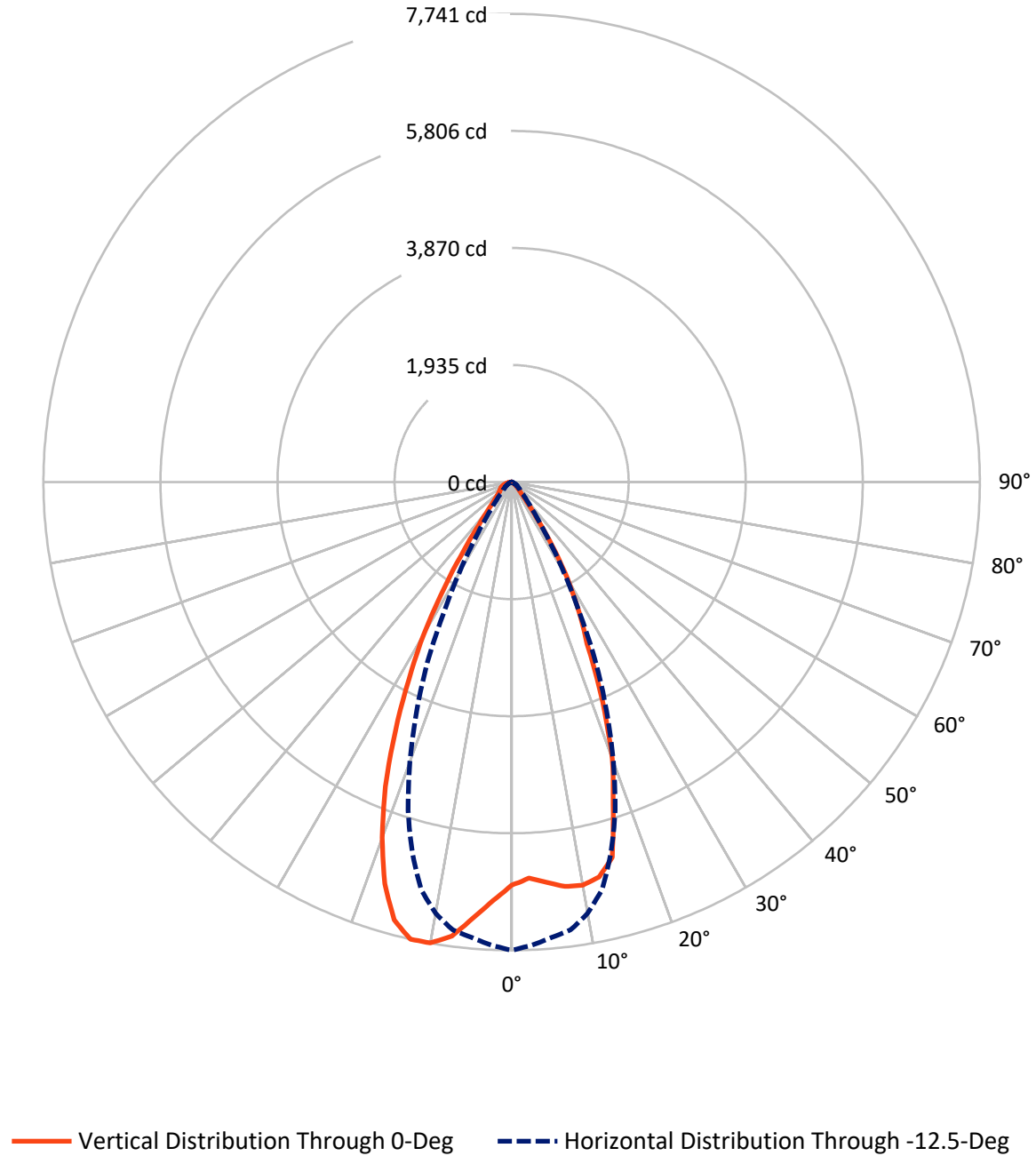
REPORT NUMBER: P626696 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.0	0.2	0.5	0.8	1.1	1.2	1.2	1.1	0.8	0.5	0.2	0.0		0.0			
40	0.0	0.0	0.2	0.8	1.6	2.5	3.8	4.6	4.6	3.8	2.5	1.6	0.8	0.2	0.0				
30		0.1	0.6	1.6	3.3	7.2	16.3	24.9	24.9	16.3	7.2	3.3	1.6	0.6	0.1				
20	0.1	0.2	1.0	2.6	6.9	25.7	66.1	92.4	92.4	66.1	25.7	6.9	2.6	1.0	0.2				
10		0.4	1.4	4.0	16.5	71.3	148.8	184.2	184.2	148.8	71.3	16.5	4.0	1.4	0.4				
0	0.1	0.5	1.8	5.1	26.3	105.0	191.8	208.0	208.0	191.8	105.0	26.3	5.1	1.8	0.5				
-10		0.6	2.0	5.5	27.5	108.5	198.8	220.7	220.7	198.8	108.5	27.5	5.5	2.0	0.6				
-20	0.2	0.6	2.0	5.0	19.7	80.8	167.7	214.1	214.1	167.7	80.8	19.7	5.0	2.0	0.6				
-30		0.6	1.9	4.2	11.0	39.2	93.4	131.5	131.5	93.4	39.2	11.0	4.2	1.9	0.6				
-40	0.1	0.5	1.7	3.5	6.6	14.0	29.2	43.3	43.3	29.2	14.0	6.6	3.5	1.7	0.5				
-50		0.4	1.4	2.9	4.8	7.1	10.0	11.8	11.8	10.0	7.1	4.8	2.9	1.4	0.4				
-60	0.1	0.3	1.1	2.3	3.8	5.2	6.5	7.1	7.1	6.5	5.2	3.8	2.3	1.1	0.3				
-70		0.2	0.7	1.5	2.6	3.7	4.7	5.3	5.3	4.7	3.7	2.6	1.5	0.7	0.2				
-80	0.0	0.6	2.8	5.9	7.6	5.9	2.8	0.6	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

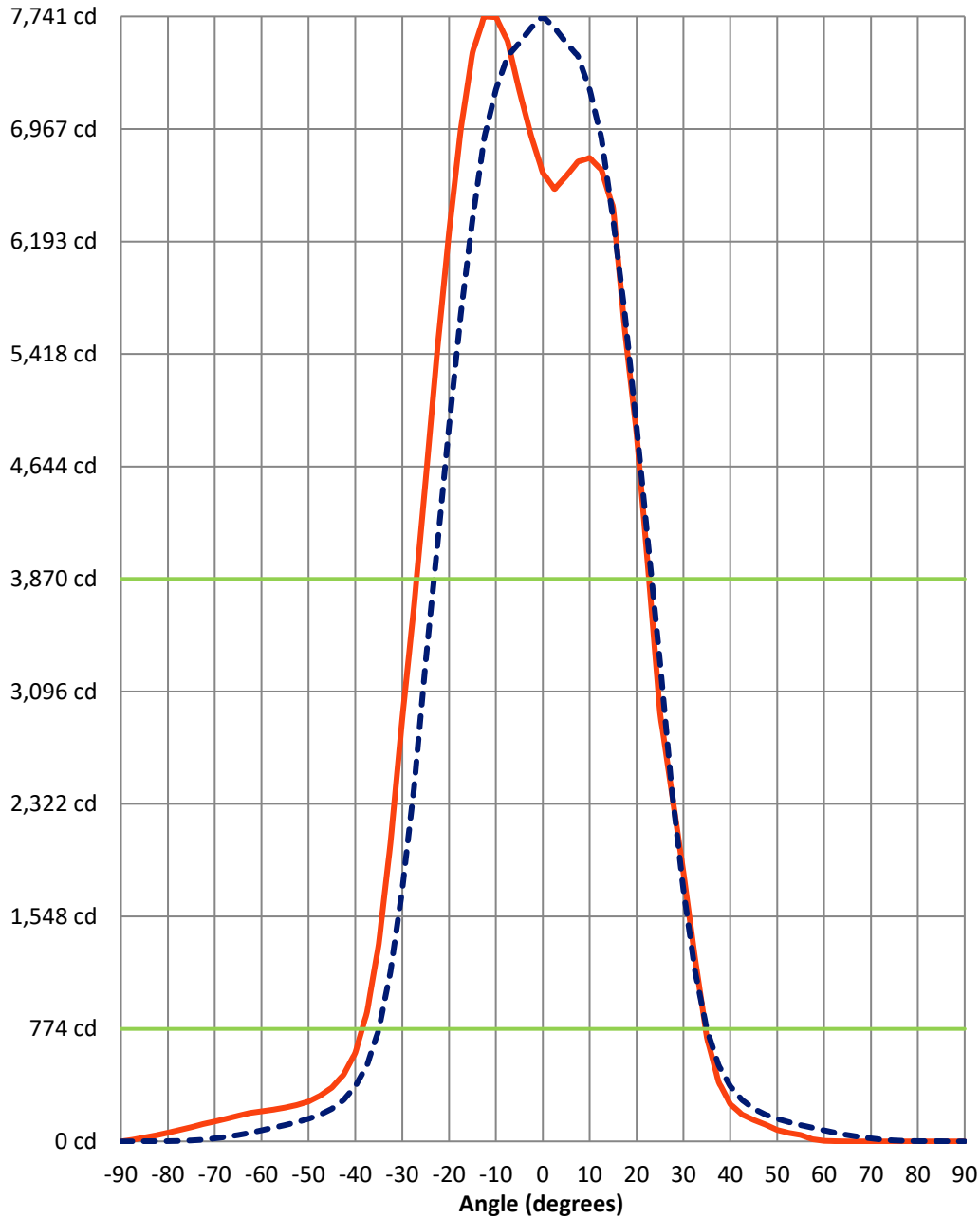
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 3700.7
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 4982.7
 Efficiency: 90.2%

Spill:
 Lumens: 542.4
 Efficiency: 9.8%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	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	1	0	0	0	0	0	0
62.5°	0	0	0	0	1	1	0	0	1	1	1
60°	0	0	0	1	1	1	0	1	1	1	1
57.5°	0	0	0	1	1	1	0	1	1	1	1
55°	0	0	0	1	1	1	1	1	1	1	1
52.5°	0	0	0	1	1	1	1	1	1	1	1
50°	0	0	0	1	1	1	1	1	1	1	1
47.5°	0	0	0	1	1	1	1	1	1	1	2
45°	0	0	1	1	1	1	1	2	1	2	2
42.5°	0	0	1	1	1	1	2	2	1	2	3
40°	0	0	1	1	1	1	2	2	2	2	3
37.5°	0	0	1	1	1	1	2	2	2	3	3
35°	0	0	1	1	1	1	2	2	3	4	5
32.5°	0	0	1	1	1	2	2	2	3	4	8
30°	0	0	1	1	1	2	2	2	4	6	10
27.5°	0	0	1	1	1	2	2	3	4	7	13
25°	0	0	1	1	1	2	2	3	5	9	15
22.5°	0	0	1	1	1	2	2	3	6	10	17
20°	0	0	1	1	1	2	2	4	7	12	20
17.5°	0	0	1	1	1	2	3	4	8	14	23
15°	0	0	1	1	1	2	3	5	9	15	26
12.5°	0	0	1	1	1	2	3	6	10	16	28
10°	0	0	1	1	1	2	3	7	11	18	31
7.5°	0	0	1	1	1	2	3	8	12	20	33
5°	0	0	1	1	1	2	3	8	13	23	35
2.5°	0	0	1	1	1	2	4	9	13	25	36
0°	0	0	1	1	1	3	4	10	14	27	37
-2.5°	0	0	1	1	1	3	4	11	16	28	39
-5°	0	0	1	1	2	3	5	11	17	29	40
-7.5°	0	0	1	1	2	3	6	11	19	30	42
-10°	0	0	1	1	2	3	6	11	20	31	43
-12.5°	0	0	1	1	2	3	7	11	21	31	44
-15°	0	0	1	1	2	3	7	12	21	31	44
-17.5°	0	0	1	1	2	3	7	12	21	32	44
-20°	0	0	1	1	2	3	7	12	21	31	44

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REPORT NUMBER: P626696 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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	0	1	1	2	3	7	13	21	31	43
-25°	0	0	1	1	2	3	7	13	20	30	41
-27.5°	0	0	1	1	2	4	7	13	20	29	40
-30°	0	0	1	1	2	4	7	13	19	29	39
-32.5°	0	0	1	1	2	4	7	12	19	28	37
-35°	0	0	1	1	2	4	7	12	19	27	35
-37.5°	0	0	1	1	2	4	7	12	18	26	35
-40°	0	0	1	1	2	4	7	11	17	25	34
-42.5°	0	0	1	1	2	4	7	11	16	24	33
-45°	0	0	1	1	2	4	7	10	15	22	32
-47.5°	0	0	1	1	2	4	7	10	14	21	30
-50°	0	0	1	1	2	4	6	10	14	20	27
-52.5°	0	0	1	2	2	4	6	9	13	19	25
-55°	0	0	1	2	2	4	6	8	13	17	23
-57.5°	0	0	1	2	2	4	6	8	12	16	22
-60°	0	0	1	2	2	3	5	8	11	15	20
-62.5°	0	0	1	2	2	3	5	7	10	14	18
-65°	0	0	1	2	2	3	5	7	9	13	17
-67.5°	0	0	1	2	2	3	4	6	8	11	15
-70°	0	0	1	2	2	3	4	5	7	10	13
-72.5°	0	0	1	1	2	3	3	4	6	8	10
-75°	0	0	1	1	2	2	3	4	5	7	9
-77.5°	0	0	1	1	2	2	3	4	4	5	7
-80°	0	0	0	1	1	2	3	3	4	5	5
-82.5°	0	0	0	1	1	1	2	3	3	4	4
-85°	0	0	0	0	1	1	1	2	2	3	3
-87.5°	0	0	0	0	0	0	1	1	1	1	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626696 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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	0	0	0	0	0	0	0	0	0	0
65°	1	1	1	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	1	0	0	0	0
60°	1	1	1	1	1	1	1	1	1	1	3
57.5°	1	1	1	1	1	1	2	2	5	8	8
55°	1	1	1	2	2	2	3	7	11	13	14
52.5°	1	1	2	2	3	5	9	13	16	19	22
50°	2	2	3	4	6	10	15	19	24	28	33
47.5°	2	3	4	6	10	16	22	28	33	38	45
45°	3	4	5	10	16	23	30	37	42	49	55
42.5°	3	6	9	14	22	31	39	44	50	57	66
40°	5	9	13	20	29	39	47	52	59	69	79
37.5°	8	12	18	27	38	47	54	61	71	82	94
35°	11	16	24	34	46	55	63	72	84	97	112
32.5°	14	19	29	41	52	62	71	84	97	112	131
30°	16	24	35	48	58	68	81	95	109	127	149
27.5°	19	28	41	53	64	75	91	105	120	141	168
25°	23	34	46	58	70	83	101	116	131	157	194
22.5°	27	39	52	63	75	92	111	129	150	176	221
20°	31	43	56	69	80	100	121	144	172	208	267
17.5°	35	47	61	74	88	109	133	160	194	239	326
15°	38	51	66	80	96	118	144	177	219	275	384
12.5°	41	54	70	86	103	126	154	190	239	320	457
10°	44	57	74	91	110	134	163	201	256	353	511
7.5°	47	61	78	96	115	140	171	210	271	378	554
5°	49	64	81	100	119	145	177	217	283	397	587
2.5°	51	68	84	103	122	149	182	224	295	412	614
0°	52	71	86	105	124	152	185	228	305	423	636
-2.5°	54	73	89	107	128	154	187	232	308	424	632
-5°	55	74	92	109	131	156	187	233	307	421	618
-7.5°	57	75	94	110	132	156	188	232	304	414	597
-10°	58	75	94	111	133	156	187	230	297	400	566
-12.5°	59	76	94	112	133	155	184	224	285	380	525
-15°	60	77	94	112	132	154	180	217	270	352	474
-17.5°	60	77	94	111	131	151	175	209	256	328	438
-20°	60	76	93	109	129	149	171	202	245	305	394

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CATALOG NUMBER: GFLD-SA1C-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°	59	76	93	108	127	146	167	194	230	280	351
-25°	58	75	91	107	124	143	162	185	216	261	320
-27.5°	56	73	89	105	121	139	157	178	206	240	287
-30°	53	71	87	103	118	135	152	170	194	224	262
-32.5°	50	69	84	100	115	131	147	164	185	209	239
-35°	49	66	81	96	111	127	142	158	175	197	222
-37.5°	47	63	79	92	107	122	137	152	167	185	208
-40°	46	59	75	89	102	117	131	145	160	177	195
-42.5°	44	57	72	86	98	112	125	139	153	169	186
-45°	42	54	68	81	94	107	120	133	147	162	177
-47.5°	40	51	65	76	89	101	114	127	139	153	168
-50°	37	48	60	71	82	95	107	120	132	144	157
-52.5°	34	44	55	66	76	87	100	113	125	137	148
-55°	31	40	50	61	71	80	92	105	117	128	140
-57.5°	28	36	45	55	65	75	85	96	108	120	131
-60°	26	32	40	50	60	69	79	89	100	111	121
-62.5°	23	29	35	43	53	62	72	81	91	101	110
-65°	21	26	31	38	45	54	63	72	81	89	97
-67.5°	19	23	27	32	38	46	53	61	70	78	85
-70°	16	20	23	28	32	38	45	52	58	66	73
-72.5°	13	17	20	23	27	32	38	43	49	55	61
-75°	11	13	16	19	23	27	31	36	40	45	50
-77.5°	9	11	13	15	18	21	25	28	32	36	40
-80°	7	8	10	12	14	16	18	21	24	27	30
-82.5°	5	6	7	9	10	12	13	15	17	19	22
-85°	4	4	5	6	7	8	8	9	11	12	14
-87.5°	2	2	3	3	3	4	4	4	5	6	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626696 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	1	1	1	1	1
60°	3	2	3	4	4	3	4	5	5	4	4
57.5°	9	10	11	13	14	15	16	18	19	19	20
55°	16	20	23	25	27	31	35	35	36	37	39
52.5°	26	30	32	35	40	43	45	48	51	54	57
50°	38	41	45	50	55	58	59	65	71	76	79
47.5°	50	54	61	70	74	78	83	90	97	104	110
45°	61	69	77	85	91	97	105	113	124	134	142
42.5°	73	82	91	100	106	117	130	140	155	169	178
40°	88	97	110	120	134	148	169	189	209	232	249
37.5°	106	119	137	155	174	195	233	272	304	349	374
35°	127	148	173	199	231	280	336	412	490	556	619
32.5°	151	178	213	260	313	392	476	615	751	887	1020
30°	175	214	268	332	419	544	702	918	1151	1356	1541
27.5°	207	262	332	428	577	760	1052	1351	1648	1914	2104
25°	246	319	418	577	792	1095	1487	1854	2203	2463	2682
22.5°	302	412	552	754	1145	1566	2035	2497	2888	3216	3432
20°	372	519	755	1121	1580	2107	2711	3196	3679	4048	4377
17.5°	470	705	1037	1502	2051	2754	3376	3917	4530	4907	5243
15°	558	860	1334	1927	2570	3316	4049	4711	5303	5717	6093
12.5°	669	1026	1570	2268	2971	3801	4563	5273	5852	6278	6541
10°	769	1195	1806	2536	3323	4190	4979	5718	6279	6609	6802
7.5°	850	1336	1997	2765	3596	4469	5303	6036	6573	6848	6980
5°	913	1440	2146	2953	3816	4709	5560	6278	6730	6958	7032
2.5°	959	1513	2247	3076	3964	4886	5755	6463	6848	7013	7037
0°	991	1564	2312	3154	4092	4950	5861	6579	6946	7078	7091
-2.5°	984	1545	2310	3126	4077	4978	5878	6587	6979	7157	7186
-5°	964	1502	2233	3046	3961	4864	5722	6470	6952	7220	7338
-7.5°	925	1427	2102	2893	3773	4677	5552	6328	6883	7259	7492
-10°	859	1317	1934	2700	3567	4428	5293	6099	6696	7150	7473
-12.5°	770	1168	1730	2426	3298	4102	4921	5693	6344	6904	7238
-15°	677	1013	1518	2154	2914	3705	4462	5219	5863	6386	6803
-17.5°	611	877	1272	1829	2496	3247	3985	4681	5261	5753	6190
-20°	527	725	1038	1506	2093	2749	3456	4076	4594	5056	5473



REPORT NUMBER: P626696 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	461	621	847	1166	1694	2272	2851	3421	3909	4319	4676
-25°	400	513	689	949	1292	1792	2279	2761	3211	3593	3914
-27.5°	353	442	560	745	1005	1297	1724	2127	2513	2862	3165
-30°	310	377	469	585	762	978	1235	1536	1845	2120	2395
-32.5°	279	327	390	476	575	730	885	1088	1283	1484	1681
-35°	251	289	332	390	458	548	651	774	879	1010	1132
-37.5°	232	259	292	328	377	427	497	572	636	710	771
-40°	216	237	260	284	317	352	396	439	480	524	558
-42.5°	203	220	236	255	275	302	332	358	383	410	431
-45°	192	205	218	233	248	268	289	309	325	339	351
-47.5°	181	193	204	215	228	243	257	269	283	294	302
-50°	170	181	192	202	213	224	235	245	255	263	268
-52.5°	160	171	181	190	200	209	218	227	236	243	247
-55°	151	162	172	180	188	196	204	213	221	228	230
-57.5°	142	153	163	171	178	185	193	200	208	215	217
-60°	132	144	152	159	167	174	181	189	196	201	204
-62.5°	120	130	138	145	152	158	166	173	180	186	190
-65°	105	114	122	129	135	141	149	156	162	167	171
-67.5°	92	99	106	112	118	125	131	138	144	149	152
-70°	80	86	92	98	104	109	115	120	125	129	132
-72.5°	67	73	78	83	88	93	98	103	107	111	114
-75°	56	60	65	69	74	77	81	85	88	91	94
-77.5°	44	48	52	55	59	62	65	68	70	73	75
-80°	34	36	39	42	45	47	49	51	53	55	57
-82.5°	24	26	28	30	31	33	35	36	38	39	40
-85°	15	16	17	18	19	20	21	22	23	24	25
-87.5°	7	8	8	9	9	10	10	11	11	11	12
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626696 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	1	1	1	1	1	1	1	1	1	1	1
60°	4	4	4	4	4	4	4	4	4	5	5
57.5°	19	18	17	15	17	18	19	20	19	19	18
55°	41	44	45	44	45	44	41	39	37	36	35
52.5°	59	60	60	58	60	60	59	57	54	51	48
50°	81	81	80	79	80	81	81	79	76	71	65
47.5°	113	115	116	116	116	115	113	110	104	97	90
45°	145	147	147	147	147	147	145	142	134	124	113
42.5°	183	185	186	185	186	185	183	178	169	155	140
40°	259	262	260	256	260	262	259	249	232	209	189
37.5°	392	404	410	410	410	404	392	374	349	304	272
35°	676	721	742	716	742	721	676	619	556	490	412
32.5°	1129	1209	1254	1254	1254	1209	1129	1020	887	751	615
30°	1680	1781	1837	1849	1837	1781	1680	1541	1356	1151	918
27.5°	2253	2356	2410	2403	2410	2356	2253	2104	1914	1648	1351
25°	2827	2906	2951	2952	2951	2906	2827	2682	2463	2203	1854
22.5°	3675	3841	3909	3927	3909	3841	3675	3432	3216	2888	2497
20°	4600	4760	4864	4870	4864	4760	4600	4377	4048	3679	3196
17.5°	5481	5561	5575	5582	5575	5561	5481	5243	4907	4530	3917
15°	6311	6339	6413	6422	6413	6339	6311	6093	5717	5303	4711
12.5°	6706	6731	6719	6685	6719	6731	6706	6541	6278	5852	5273
10°	6921	6885	6832	6767	6832	6885	6921	6802	6609	6279	5718
7.5°	6970	6930	6835	6742	6835	6930	6970	6980	6848	6573	6036
5°	6993	6876	6756	6643	6756	6876	6993	7032	6958	6730	6278
2.5°	6979	6840	6676	6554	6676	6840	6979	7037	7013	6848	6463
0°	7024	6883	6711	6666	6711	6883	7024	7091	7078	6946	6579
-2.5°	7148	7033	6944	6919	6944	7033	7148	7186	7157	6979	6587
-5°	7371	7345	7193	7229	7193	7345	7371	7338	7220	6952	6470
-7.5°	7586	7550	7486	7569	7486	7550	7586	7492	7259	6883	6328
-10°	7643	7632	7662	7736	7662	7632	7643	7473	7150	6696	6099
-12.5°	7468	7560	7663	7741	7663	7560	7468	7238	6904	6344	5693
-15°	7076	7264	7419	7492	7419	7264	7076	6803	6386	5863	5219
-17.5°	6500	6730	6913	6965	6913	6730	6500	6190	5753	5261	4681
-20°	5789	6024	6191	6257	6191	6024	5789	5473	5056	4594	4076

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REPORT NUMBER: P626696 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	4990	5220	5370	5450	5370	5220	4990	4676	4319	3909	3421
-25°	4180	4381	4515	4550	4515	4381	4180	3914	3593	3211	2761
-27.5°	3404	3566	3665	3676	3665	3566	3404	3165	2862	2513	2127
-30°	2624	2774	2860	2905	2860	2774	2624	2395	2120	1845	1536
-32.5°	1843	1962	2034	2054	2034	1962	1843	1681	1484	1283	1088
-35°	1229	1303	1349	1358	1349	1303	1229	1132	1010	879	774
-37.5°	821	858	880	891	880	858	821	771	710	636	572
-40°	582	599	608	611	608	599	582	558	524	480	439
-42.5°	445	454	458	459	458	454	445	431	410	383	358
-45°	360	366	369	371	369	366	360	351	339	325	309
-47.5°	308	312	314	315	314	312	308	302	294	283	269
-50°	271	274	275	274	275	274	271	268	263	255	245
-52.5°	249	250	251	250	251	250	249	247	243	236	227
-55°	232	233	233	232	233	233	232	230	228	221	213
-57.5°	219	220	220	218	220	220	219	217	215	208	200
-60°	206	207	207	207	207	207	206	204	201	196	189
-62.5°	193	196	196	196	196	196	193	190	186	180	173
-65°	175	178	178	176	178	178	175	171	167	162	156
-67.5°	154	156	157	156	157	156	154	152	149	144	138
-70°	135	137	138	137	138	137	135	132	129	125	120
-72.5°	116	119	119	119	119	119	116	114	111	107	103
-75°	96	98	98	98	98	98	96	94	91	88	85
-77.5°	77	80	79	79	79	80	77	75	73	70	68
-80°	59	61	60	60	60	61	59	57	55	53	51
-82.5°	42	43	43	42	43	43	42	40	39	38	36
-85°	26	27	27	27	27	27	26	25	24	23	22
-87.5°	12	13	12	11	12	13	12	12	11	11	11
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626696 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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	0
62.5°	1	0	0	0	0	0	0	0	0	0	0
60°	4	3	4	4	3	2	3	3	1	1	1
57.5°	16	15	14	13	11	10	9	8	8	5	2
55°	35	31	27	25	23	20	16	14	13	11	7
52.5°	45	43	40	35	32	30	26	22	19	16	13
50°	59	58	55	50	45	41	38	33	28	24	19
47.5°	83	78	74	70	61	54	50	45	38	33	28
45°	105	97	91	85	77	69	61	55	49	42	37
42.5°	130	117	106	100	91	82	73	66	57	50	44
40°	169	148	134	120	110	97	88	79	69	59	52
37.5°	233	195	174	155	137	119	106	94	82	71	61
35°	336	280	231	199	173	148	127	112	97	84	72
32.5°	476	392	313	260	213	178	151	131	112	97	84
30°	702	544	419	332	268	214	175	149	127	109	95
27.5°	1052	760	577	428	332	262	207	168	141	120	105
25°	1487	1095	792	577	418	319	246	194	157	131	116
22.5°	2035	1566	1145	754	552	412	302	221	176	150	129
20°	2711	2107	1580	1121	755	519	372	267	208	172	144
17.5°	3376	2754	2051	1502	1037	705	470	326	239	194	160
15°	4049	3316	2570	1927	1334	860	558	384	275	219	177
12.5°	4563	3801	2971	2268	1570	1026	669	457	320	239	190
10°	4979	4190	3323	2536	1806	1195	769	511	353	256	201
7.5°	5303	4469	3596	2765	1997	1336	850	554	378	271	210
5°	5560	4709	3816	2953	2146	1440	913	587	397	283	217
2.5°	5755	4886	3964	3076	2247	1513	959	614	412	295	224
0°	5861	4950	4092	3154	2312	1564	991	636	423	305	228
-2.5°	5878	4978	4077	3126	2310	1545	984	632	424	308	232
-5°	5722	4864	3961	3046	2233	1502	964	618	421	307	233
-7.5°	5552	4677	3773	2893	2102	1427	925	597	414	304	232
-10°	5293	4428	3567	2700	1934	1317	859	566	400	297	230
-12.5°	4921	4102	3298	2426	1730	1168	770	525	380	285	224
-15°	4462	3705	2914	2154	1518	1013	677	474	352	270	217
-17.5°	3985	3247	2496	1829	1272	877	611	438	328	256	209
-20°	3456	2749	2093	1506	1038	725	527	394	305	245	202

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CATALOG NUMBER: GFLD-SA1C-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°	2851	2272	1694	1166	847	621	461	351	280	230	194
-25°	2279	1792	1292	949	689	513	400	320	261	216	185
-27.5°	1724	1297	1005	745	560	442	353	287	240	206	178
-30°	1235	978	762	585	469	377	310	262	224	194	170
-32.5°	885	730	575	476	390	327	279	239	209	185	164
-35°	651	548	458	390	332	289	251	222	197	175	158
-37.5°	497	427	377	328	292	259	232	208	185	167	152
-40°	396	352	317	284	260	237	216	195	177	160	145
-42.5°	332	302	275	255	236	220	203	186	169	153	139
-45°	289	268	248	233	218	205	192	177	162	147	133
-47.5°	257	243	228	215	204	193	181	168	153	139	127
-50°	235	224	213	202	192	181	170	157	144	132	120
-52.5°	218	209	200	190	181	171	160	148	137	125	113
-55°	204	196	188	180	172	162	151	140	128	117	105
-57.5°	193	185	178	171	163	153	142	131	120	108	96
-60°	181	174	167	159	152	144	132	121	111	100	89
-62.5°	166	158	152	145	138	130	120	110	101	91	81
-65°	149	141	135	129	122	114	105	97	89	81	72
-67.5°	131	125	118	112	106	99	92	85	78	70	61
-70°	115	109	104	98	92	86	80	73	66	58	52
-72.5°	98	93	88	83	78	73	67	61	55	49	43
-75°	81	77	74	69	65	60	56	50	45	40	36
-77.5°	65	62	59	55	52	48	44	40	36	32	28
-80°	49	47	45	42	39	36	34	30	27	24	21
-82.5°	35	33	31	30	28	26	24	22	19	17	15
-85°	21	20	19	18	17	16	15	14	12	11	9
-87.5°	10	10	9	9	8	8	7	7	6	5	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626696 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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	0	0	0	0	0	0	0	0
65°	0	0	0	0	1	1	1	0	0	0	0
62.5°	1	1	1	1	1	1	1	1	1	1	0
60°	1	1	1	1	1	1	1	1	1	1	1
57.5°	2	1	1	1	1	1	1	1	1	1	1
55°	3	2	2	2	1	1	1	1	1	1	1
52.5°	9	5	3	2	2	1	1	1	1	1	1
50°	15	10	6	4	3	2	2	1	1	1	1
47.5°	22	16	10	6	4	3	2	2	1	1	1
45°	30	23	16	10	5	4	3	2	2	1	2
42.5°	39	31	22	14	9	6	3	3	2	1	2
40°	47	39	29	20	13	9	5	3	2	2	2
37.5°	54	47	38	27	18	12	8	3	3	2	2
35°	63	55	46	34	24	16	11	5	4	3	2
32.5°	71	62	52	41	29	19	14	8	4	3	2
30°	81	68	58	48	35	24	16	10	6	4	2
27.5°	91	75	64	53	41	28	19	13	7	4	3
25°	101	83	70	58	46	34	23	15	9	5	3
22.5°	111	92	75	63	52	39	27	17	10	6	3
20°	121	100	80	69	56	43	31	20	12	7	4
17.5°	133	109	88	74	61	47	35	23	14	8	4
15°	144	118	96	80	66	51	38	26	15	9	5
12.5°	154	126	103	86	70	54	41	28	16	10	6
10°	163	134	110	91	74	57	44	31	18	11	7
7.5°	171	140	115	96	78	61	47	33	20	12	8
5°	177	145	119	100	81	64	49	35	23	13	8
2.5°	182	149	122	103	84	68	51	36	25	13	9
0°	185	152	124	105	86	71	52	37	27	14	10
-2.5°	187	154	128	107	89	73	54	39	28	16	11
-5°	187	156	131	109	92	74	55	40	29	17	11
-7.5°	188	156	132	110	94	75	57	42	30	19	11
-10°	187	156	133	111	94	75	58	43	31	20	11
-12.5°	184	155	133	112	94	76	59	44	31	21	11
-15°	180	154	132	112	94	77	60	44	31	21	12
-17.5°	175	151	131	111	94	77	60	44	32	21	12
-20°	171	149	129	109	93	76	60	44	31	21	12

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CATALOG NUMBER: GFLD-SA1C-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°	167	146	127	108	93	76	59	43	31	21	13
-25°	162	143	124	107	91	75	58	41	30	20	13
-27.5°	157	139	121	105	89	73	56	40	29	20	13
-30°	152	135	118	103	87	71	53	39	29	19	13
-32.5°	147	131	115	100	84	69	50	37	28	19	12
-35°	142	127	111	96	81	66	49	35	27	19	12
-37.5°	137	122	107	92	79	63	47	35	26	18	12
-40°	131	117	102	89	75	59	46	34	25	17	11
-42.5°	125	112	98	86	72	57	44	33	24	16	11
-45°	120	107	94	81	68	54	42	32	22	15	10
-47.5°	114	101	89	76	65	51	40	30	21	14	10
-50°	107	95	82	71	60	48	37	27	20	14	10
-52.5°	100	87	76	66	55	44	34	25	19	13	9
-55°	92	80	71	61	50	40	31	23	17	13	8
-57.5°	85	75	65	55	45	36	28	22	16	12	8
-60°	79	69	60	50	40	32	26	20	15	11	8
-62.5°	72	62	53	43	35	29	23	18	14	10	7
-65°	63	54	45	38	31	26	21	17	13	9	7
-67.5°	53	46	38	32	27	23	19	15	11	8	6
-70°	45	38	32	28	23	20	16	13	10	7	5
-72.5°	38	32	27	23	20	17	13	10	8	6	4
-75°	31	27	23	19	16	13	11	9	7	5	4
-77.5°	25	21	18	15	13	11	9	7	5	4	4
-80°	18	16	14	12	10	8	7	5	5	4	3
-82.5°	13	12	10	9	7	6	5	4	4	3	3
-85°	8	8	7	6	5	4	4	3	3	2	2
-87.5°	4	4	3	3	3	2	2	2	1	1	1
-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: P626696 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	1	0	0	0	0
62.5°	0	1	1	0	0	0	0
60°	0	1	1	1	0	0	0
57.5°	0	1	1	1	0	0	0
55°	1	1	1	1	0	0	0
52.5°	1	1	1	1	0	0	0
50°	1	1	1	1	0	0	0
47.5°	1	1	1	1	0	0	0
45°	1	1	1	1	1	0	0
42.5°	2	1	1	1	1	0	0
40°	2	1	1	1	1	0	0
37.5°	2	1	1	1	1	0	0
35°	2	1	1	1	1	0	0
32.5°	2	2	1	1	1	0	0
30°	2	2	1	1	1	0	0
27.5°	2	2	1	1	1	0	0
25°	2	2	1	1	1	0	0
22.5°	2	2	1	1	1	0	0
20°	2	2	1	1	1	0	0
17.5°	3	2	1	1	1	0	0
15°	3	2	1	1	1	0	0
12.5°	3	2	1	1	1	0	0
10°	3	2	1	1	1	0	0
7.5°	3	2	1	1	1	0	0
5°	3	2	1	1	1	0	0
2.5°	4	2	1	1	1	0	0
0°	4	3	1	1	1	0	0
-2.5°	4	3	1	1	1	0	0
-5°	5	3	2	1	1	0	0
-7.5°	6	3	2	1	1	0	0
-10°	6	3	2	1	1	0	0
-12.5°	7	3	2	1	1	0	0
-15°	7	3	2	1	1	0	0
-17.5°	7	3	2	1	1	0	0
-20°	7	3	2	1	1	0	0

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REPORT NUMBER: P626696 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)