

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: P626684 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626684 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-740-U-MR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5588.4 lumens
Efficiency: N/A
Efficacy: 128.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 19703.8 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 2794.3 lumens
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 4801.5 lumens
Field Efficiency: 85.9%

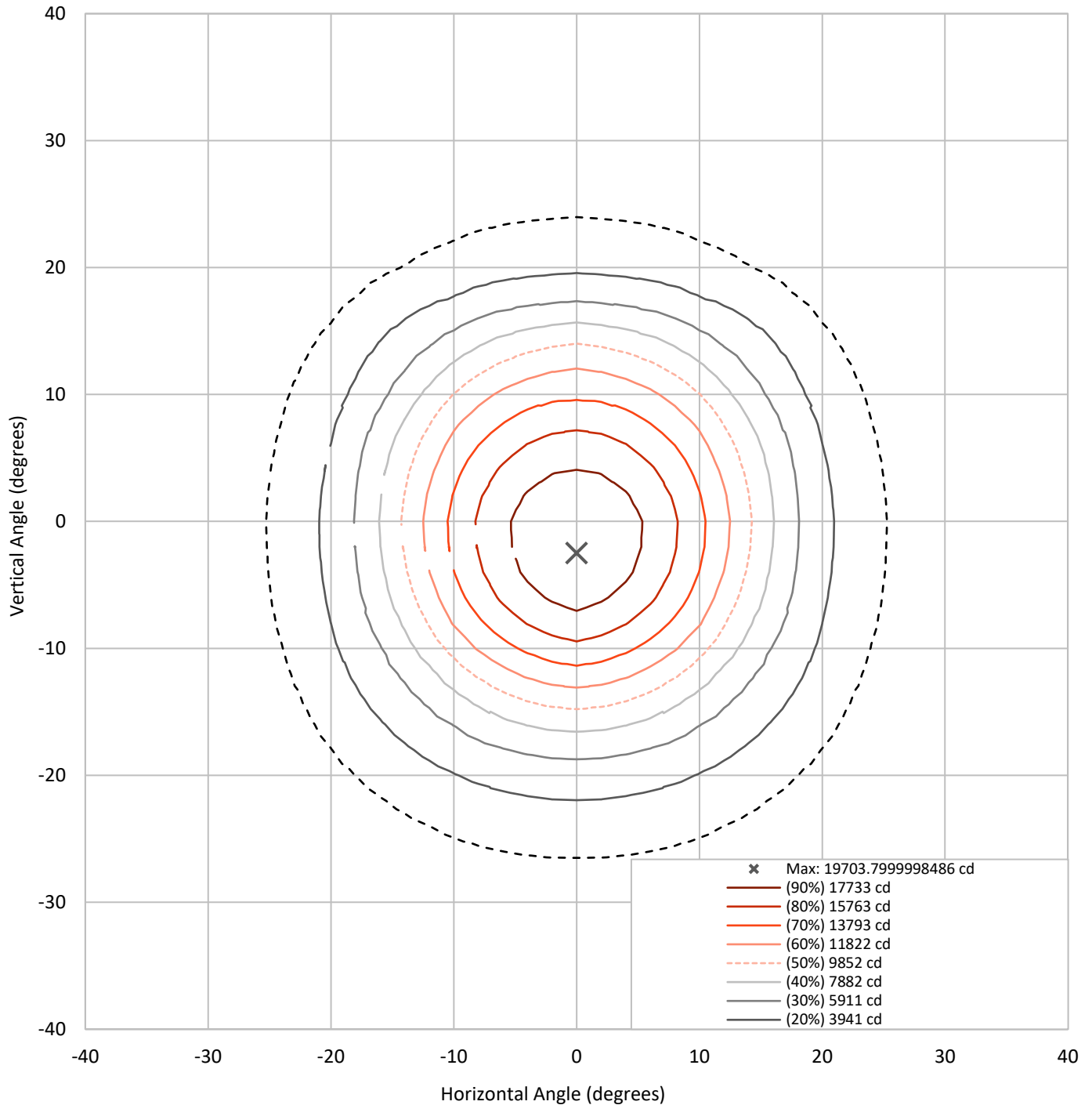
Input Watts (W): 43.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P626684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-MR-VSR-XX

Iso-Candela Plot





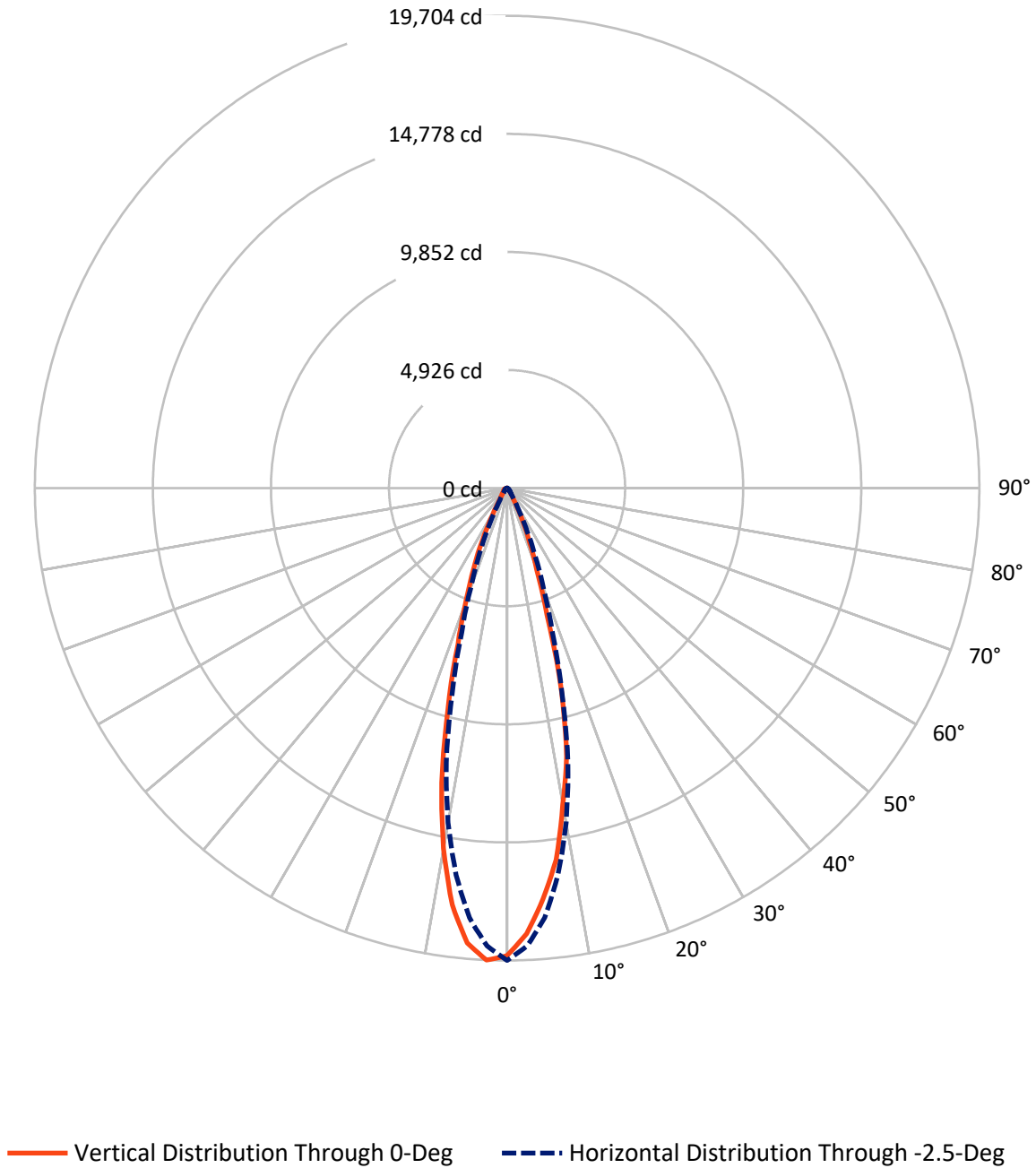
REPORT NUMBER: P626684 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0			
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	0.0			
50		0.0	0.0	0.2	0.4	0.6	0.9	1.1	1.1	0.9	0.6	0.4	0.2	0.0	0.0				
40	0.0	0.0	0.2	0.6	1.2	1.8	2.5	3.0	3.0	2.5	1.8	1.2	0.6	0.2	0.0	0.0			
30		0.1	0.5	1.2	2.2	3.6	6.0	8.0	8.0	6.0	3.6	2.2	1.2	0.5	0.1				
20	0.0	0.2	0.8	1.8	3.5	8.4	26.5	48.6	48.6	26.5	8.4	3.5	1.8	0.8	0.2	0.0			
10		0.3	1.0	2.5	5.9	29.1	118.3	231.7	231.7	118.3	29.1	5.9	2.5	1.0	0.3				
0	0.1	0.4	1.3	3.0	8.5	55.5	239.0	468.4	468.4	239.0	55.5	8.5	3.0	1.3	0.4	0.1			
-10		0.4	1.4	3.1	9.1	58.1	245.2	496.7	496.7	245.2	58.1	9.1	3.1	1.4	0.4				
-20	0.1	0.4	1.4	3.0	7.5	35.7	135.6	262.8	262.8	135.6	35.7	7.5	3.0	1.4	0.4	0.1			
-30		0.4	1.3	2.8	5.5	13.9	42.0	74.9	74.9	42.0	13.9	5.5	2.8	1.3	0.4				
-40	0.1	0.4	1.2	2.4	4.2	6.8	11.2	14.9	14.9	11.2	6.8	4.2	2.4	1.2	0.4	0.1			
-50		0.3	1.0	2.0	3.3	4.7	6.2	7.0	7.0	6.2	4.7	3.3	2.0	1.0	0.3				
-60	0.1	0.2	0.7	1.6	2.6	3.6	4.5	4.9	4.9	4.5	3.6	2.6	1.6	0.7	0.2	0.1			
-70		0.1	0.5	1.0	1.7	2.4	3.1	3.4	3.4	3.1	2.4	1.7	1.0	0.5	0.1				
-80	0.0	0.4		1.7		3.6		4.5		3.6		1.7		0.4		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

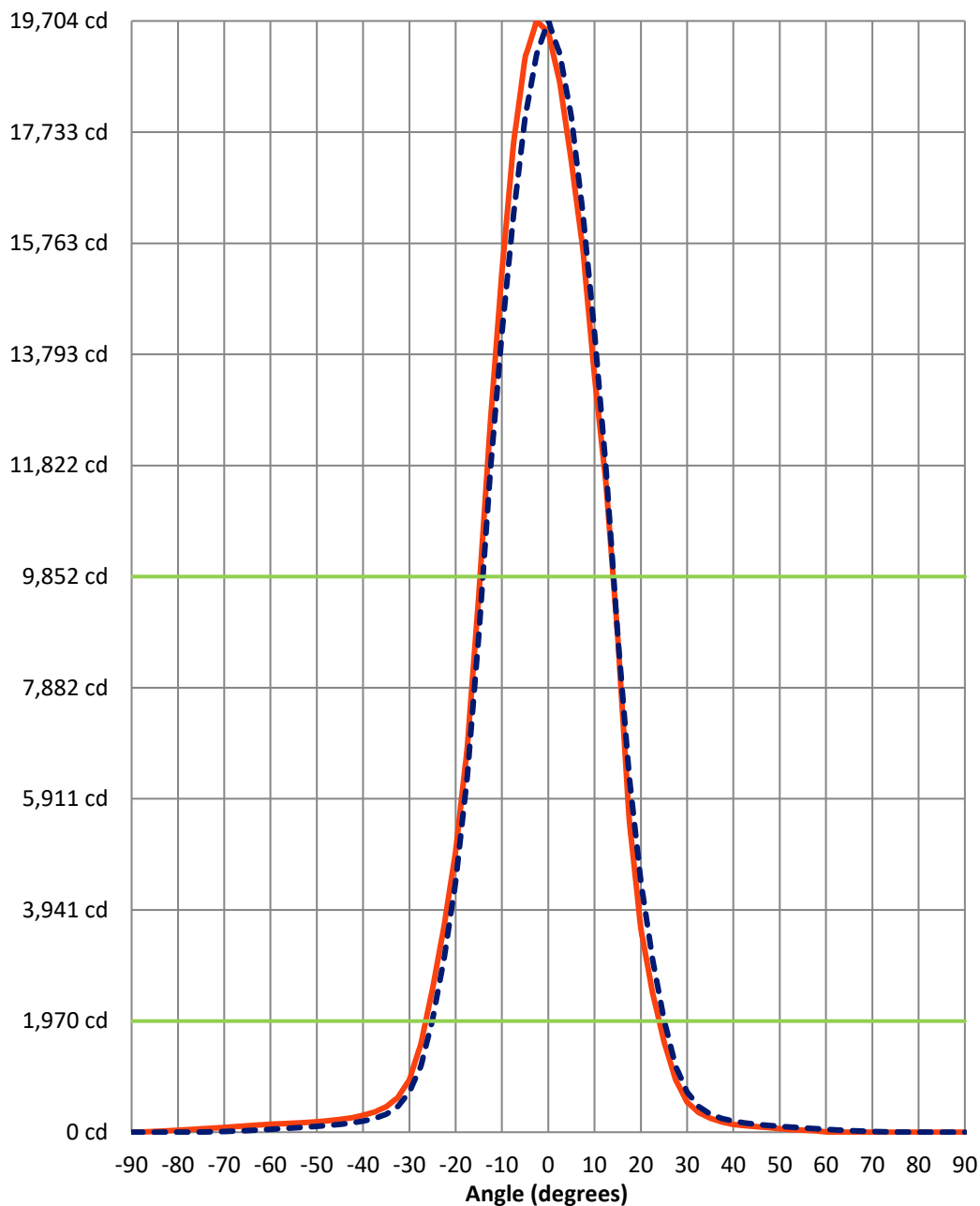
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 2794.3
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 4801.5
 Efficiency: 85.9%

Spill:
 Lumens: 786.9
 Efficiency: 14.1%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -2.5-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	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	1	0
55°	0	0	0	0	0	0	0	0	1	1	0
52.5°	0	0	0	0	0	0	0	0	1	1	1
50°	0	0	0	0	0	0	0	1	1	1	1
47.5°	0	0	0	0	0	0	0	1	1	1	1
45°	0	0	0	0	0	0	1	1	1	1	1
42.5°	0	0	0	0	0	1	1	1	1	1	2
40°	0	0	0	0	0	1	1	1	1	1	3
37.5°	0	0	0	0	0	1	1	1	1	2	4
35°	0	0	0	0	0	1	1	1	2	3	5
32.5°	0	0	0	0	0	1	1	1	2	4	7
30°	0	0	0	0	1	1	1	1	3	5	8
27.5°	0	0	0	0	1	1	1	2	4	6	10
25°	0	0	0	0	1	1	1	2	4	8	12
22.5°	0	0	0	0	1	1	1	3	5	9	14
20°	0	0	0	0	1	1	1	3	6	10	16
17.5°	0	0	0	0	1	1	1	4	7	12	18
15°	0	0	0	0	1	1	1	4	8	13	20
12.5°	0	0	0	0	1	1	2	5	8	14	21
10°	0	0	0	0	1	1	2	5	9	16	23
7.5°	0	0	0	0	1	1	2	6	10	17	24
5°	0	0	0	0	1	1	2	7	10	18	25
2.5°	0	0	0	0	1	1	2	7	11	19	26
0°	0	0	0	0	1	1	2	7	11	20	27
-2.5°	0	0	0	0	1	1	3	8	12	21	28
-5°	0	0	0	0	1	1	3	8	13	21	29
-7.5°	0	0	0	0	1	2	4	8	14	22	29
-10°	0	0	0	0	1	2	4	8	15	22	30
-12.5°	0	0	0	0	1	2	5	8	15	22	30
-15°	0	0	0	0	1	2	5	8	15	23	31
-17.5°	0	0	0	0	1	2	5	8	15	23	31
-20°	0	0	0	1	1	2	5	9	15	23	31

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REPORT NUMBER: P626684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-MR-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	0	1	1	2	5	9	15	22	31
-25°	0	0	0	1	1	2	5	9	14	22	30
-27.5°	0	0	0	1	1	2	5	9	14	21	29
-30°	0	0	0	1	1	2	5	9	14	21	28
-32.5°	0	0	0	1	1	2	5	9	14	20	27
-35°	0	0	0	0	1	2	5	9	13	19	26
-37.5°	0	0	0	0	2	3	5	9	13	18	25
-40°	0	0	0	0	2	3	5	8	13	18	24
-42.5°	0	0	0	0	2	3	5	8	12	17	23
-45°	0	0	0	0	2	3	5	8	12	16	22
-47.5°	0	0	0	0	1	3	4	7	11	15	21
-50°	0	0	0	0	1	3	4	7	11	15	20
-52.5°	0	0	0	0	1	2	4	6	10	14	18
-55°	0	0	0	0	1	2	4	6	9	13	17
-57.5°	0	0	0	0	1	2	4	5	8	11	15
-60°	0	0	0	0	1	2	3	5	7	10	14
-62.5°	0	0	0	0	1	2	3	4	7	9	12
-65°	0	0	0	0	1	2	3	4	6	8	11
-67.5°	0	0	0	0	1	2	3	4	5	7	9
-70°	0	0	0	0	1	1	2	3	4	6	8
-72.5°	0	0	0	0	1	1	2	3	4	5	7
-75°	0	0	0	0	1	1	2	2	3	4	5
-77.5°	0	0	0	0	0	1	2	2	2	3	4
-80°	0	0	0	0	0	1	1	2	2	2	3
-82.5°	0	0	0	0	0	1	1	1	1	2	2
-85°	0	0	0	0	0	0	1	1	1	1	1
-87.5°	0	0	0	0	0	0	0	0	0	0	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626684 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-740-U-MR-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°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	1	1	1	1	1	2
57.5°	0	0	1	1	1	1	2	2	4	6	7
55°	0	1	1	1	2	3	4	6	8	11	13
52.5°	1	1	1	2	4	5	8	11	14	17	19
50°	1	1	2	4	6	9	13	17	20	22	26
47.5°	2	2	4	6	10	14	19	22	25	30	35
45°	2	4	6	9	14	20	24	27	32	37	43
42.5°	3	6	9	12	19	25	29	34	39	45	50
40°	5	7	12	17	24	30	35	40	46	53	59
37.5°	6	10	15	22	29	35	41	47	54	61	68
35°	8	13	19	27	34	41	48	54	63	71	79
32.5°	10	16	23	31	38	46	54	63	71	80	90
30°	13	19	26	35	43	51	61	71	79	89	100
27.5°	16	22	30	39	47	56	68	78	87	97	109
25°	18	25	33	42	51	62	74	84	94	106	119
22.5°	21	28	37	45	55	68	80	91	103	114	130
20°	23	31	41	49	59	73	86	99	112	126	144
17.5°	25	34	44	54	65	78	92	106	121	139	161
15°	28	37	47	58	70	84	98	114	131	151	177
12.5°	30	40	51	62	74	89	104	120	139	164	196
10°	32	42	54	66	78	93	108	125	146	173	210
7.5°	33	44	57	69	82	97	112	130	152	180	221
5°	35	46	59	71	84	100	116	134	156	186	230
2.5°	36	48	61	73	86	102	118	136	159	191	237
0°	37	50	62	74	88	103	119	138	161	196	242
-2.5°	38	51	63	76	90	104	120	139	163	197	243
-5°	39	53	65	77	91	105	121	140	164	198	244
-7.5°	40	53	65	78	92	106	122	140	165	197	243
-10°	40	54	66	79	93	107	122	140	164	195	239
-12.5°	41	54	66	79	93	107	121	139	162	191	232
-15°	42	54	66	79	93	107	120	137	158	186	222
-17.5°	42	54	66	78	92	106	119	135	155	181	215
-20°	42	54	65	77	91	105	118	133	152	175	205

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CATALOG NUMBER: GFLD-SA1C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	41	53	65	76	89	103	116	130	148	167	194
-25°	41	53	64	75	87	100	114	127	143	162	185
-27.5°	40	52	63	74	85	98	111	124	139	156	176
-30°	38	50	61	72	83	95	107	120	133	149	168
-32.5°	36	48	59	70	81	92	103	116	129	142	159
-35°	35	46	57	67	78	89	100	111	123	136	150
-37.5°	34	44	55	64	75	86	96	106	117	130	142
-40°	33	42	52	62	71	82	92	101	111	123	135
-42.5°	31	40	49	59	68	78	88	96	106	117	129
-45°	30	38	47	56	65	74	83	92	102	111	122
-47.5°	28	36	44	52	61	70	78	87	97	106	116
-50°	26	34	41	49	57	66	75	82	91	100	110
-52.5°	24	31	38	45	53	61	70	78	86	94	102
-55°	22	28	35	42	49	56	64	73	80	88	95
-57.5°	20	25	32	38	44	51	59	66	74	81	89
-60°	18	22	28	34	40	46	53	60	67	74	81
-62.5°	16	20	24	30	36	42	48	54	60	66	72
-65°	14	17	21	26	31	36	42	48	53	58	63
-67.5°	12	15	18	22	26	30	35	40	46	50	54
-70°	10	12	15	18	21	25	29	33	37	41	46
-72.5°	9	10	12	14	17	21	24	27	30	34	38
-75°	7	8	10	12	14	16	19	22	25	28	30
-77.5°	5	7	8	9	11	13	15	17	19	22	24
-80°	4	5	6	7	8	9	11	12	14	16	18
-82.5°	3	3	4	5	6	6	7	8	9	11	12
-85°	1	2	2	3	3	4	4	5	5	6	7
-87.5°	1	1	1	1	2	2	2	2	2	2	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626684 (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	1	1	1	1	1	2	2	2	2	2
60°	3	3	5	6	5	4	6	7	7	6	6
57.5°	9	11	12	13	15	17	18	18	18	19	21
55°	15	17	18	21	23	26	27	29	30	32	34
52.5°	21	24	26	28	32	33	34	38	41	43	45
50°	29	32	36	39	42	45	48	51	55	60	62
47.5°	39	43	47	52	55	58	61	66	72	77	80
45°	47	52	57	62	66	70	75	80	86	91	95
42.5°	55	60	66	71	75	81	88	94	101	107	112
40°	64	69	77	83	87	94	104	113	121	129	134
37.5°	75	83	92	99	105	113	127	140	151	161	169
35°	87	97	108	116	126	141	158	176	195	210	223
32.5°	100	110	121	134	149	170	192	221	248	277	303
30°	110	123	136	152	176	206	241	286	335	384	440
27.5°	122	135	152	176	213	254	318	389	491	573	704
25°	134	150	171	211	262	334	446	573	783	962	1165
22.5°	150	173	204	253	339	468	642	919	1241	1541	1827
20°	168	200	253	332	454	653	983	1403	1851	2290	2714
17.5°	193	243	319	431	604	1023	1514	2114	2882	3459	4006
15°	215	279	393	575	901	1440	2125	3044	4078	4948	5932
12.5°	242	319	457	693	1158	1871	2744	3840	5064	6384	7925
10°	265	360	537	862	1426	2256	3235	4521	6093	7961	9908
7.5°	283	394	604	988	1652	2572	3739	5304	7295	9478	11699
5°	297	420	657	1088	1844	2829	4108	5923	8193	10698	12907
2.5°	308	439	691	1149	1974	3004	4360	6253	8742	11495	13814
0°	316	450	711	1192	2035	3087	4476	6386	9000	11885	14270
-2.5°	319	456	712	1177	1998	3082	4449	6304	8822	11730	14173
-5°	320	453	694	1146	1933	2971	4271	5994	8280	11008	13483
-7.5°	318	441	657	1069	1787	2776	4022	5535	7408	9813	12372
-10°	309	420	608	965	1585	2471	3635	4913	6409	8373	10446
-12.5°	294	388	540	809	1349	2127	3157	4287	5453	6744	8449
-15°	275	356	485	714	1129	1765	2599	3553	4521	5509	6550
-17.5°	261	328	428	588	867	1381	2048	2815	3600	4385	5085
-20°	243	294	372	497	699	1004	1505	2102	2689	3329	3866

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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	228	271	329	408	544	758	1044	1464	1910	2375	2815
-25°	212	245	291	354	436	563	752	972	1285	1570	1898
-27.5°	200	227	259	305	367	437	553	681	845	981	1200
-30°	188	209	235	265	310	364	426	504	584	664	769
-32.5°	176	194	215	239	267	307	345	395	439	488	537
-35°	165	181	198	217	239	265	294	327	356	385	411
-37.5°	155	169	183	199	216	234	257	280	300	319	335
-40°	147	158	170	183	197	212	229	247	260	272	282
-42.5°	140	150	159	170	181	195	209	222	231	239	246
-45°	133	141	150	159	168	180	192	202	209	215	220
-47.5°	125	133	141	149	158	167	177	184	191	196	200
-50°	117	125	132	139	147	155	164	170	176	180	183
-52.5°	110	118	125	132	138	145	151	157	163	168	170
-55°	103	111	117	123	130	136	142	147	152	157	158
-57.5°	96	104	111	116	121	127	132	138	142	147	148
-60°	88	96	102	107	112	117	122	127	132	136	138
-62.5°	79	86	91	96	101	106	110	114	119	122	124
-65°	68	74	79	84	88	92	97	100	104	107	109
-67.5°	58	63	67	72	76	80	84	87	90	93	94
-70°	49	53	57	61	65	69	72	75	78	80	81
-72.5°	41	44	48	52	55	58	61	63	66	68	69
-75°	33	36	39	42	45	48	50	52	54	56	57
-77.5°	26	29	31	33	35	37	39	41	43	44	45
-80°	20	21	23	25	26	28	29	31	32	33	34
-82.5°	13	15	16	17	19	19	20	21	21	22	23
-85°	8	8	9	10	11	12	12	13	13	14	14
-87.5°	3	3	4	4	5	5	5	5	5	5	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-MR-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	2	2	2	2
60°	5	5	5	5	5	5	5	6	6	7	7
57.5°	23	25	26	26	26	25	23	21	19	18	18
55°	35	36	37	36	37	36	35	34	32	30	29
52.5°	45	46	45	45	45	46	45	45	43	41	38
50°	63	63	63	63	63	63	63	62	60	55	51
47.5°	81	82	82	82	82	82	81	80	77	72	66
45°	97	98	99	98	99	98	97	95	91	86	80
42.5°	114	115	115	115	115	115	114	112	107	101	94
40°	136	137	137	137	137	137	136	134	129	121	113
37.5°	174	177	178	181	178	177	174	169	161	151	140
35°	233	239	243	248	243	239	233	223	210	195	176
32.5°	322	335	342	349	342	335	322	303	277	248	221
30°	479	504	514	533	514	504	479	440	384	335	286
27.5°	801	862	886	935	886	862	801	704	573	491	389
25°	1349	1480	1552	1609	1552	1480	1349	1165	962	783	573
22.5°	2115	2307	2409	2485	2409	2307	2115	1827	1541	1241	919
20°	3098	3351	3502	3612	3502	3351	3098	2714	2290	1851	1403
17.5°	4708	5106	5338	5538	5338	5106	4708	4006	3459	2882	2114
15°	7029	7828	8449	8795	8449	7828	7029	5932	4948	4078	3044
12.5°	9287	10457	11152	11472	11152	10457	9287	7925	6384	5064	3840
10°	11520	12623	13285	13401	13285	12623	11520	9908	7961	6093	4521
7.5°	13229	14442	15321	15641	15321	14442	13229	11699	9478	7295	5304
5°	14739	16160	17090	17208	17090	16160	14739	12907	10698	8193	5923
2.5°	15849	17394	18296	18606	18296	17394	15849	13814	11495	8742	6253
0°	16386	18050	19054	19505	19054	18050	16386	14270	11885	9000	6386
-2.5°	16273	17994	19114	19704	19114	17994	16273	14173	11730	8822	6304
-5°	15655	17380	18425	19051	18425	17380	15655	13483	11008	8280	5994
-7.5°	14228	15842	16954	17531	16954	15842	14228	12372	9813	7408	5535
-10°	12389	13755	14769	15261	14769	13755	12389	10446	8373	6409	4913
-12.5°	10000	11325	12239	12587	12239	11325	10000	8449	6744	5453	4287
-15°	7662	8673	9322	9528	9322	8673	7662	6550	5509	4521	3553
-17.5°	5810	6355	6720	6819	6720	6355	5810	5085	4385	3600	2815
-20°	4353	4690	4927	4984	4927	4690	4353	3866	3329	2689	2102

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REPORT NUMBER: P626684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3172	3425	3617	3655	3617	3425	3172	2815	2375	1910	1464
-25°	2188	2400	2530	2540	2530	2400	2188	1898	1570	1285	972
-27.5°	1372	1488	1548	1569	1548	1488	1372	1200	981	845	681
-30°	848	901	930	931	930	901	848	769	664	584	504
-32.5°	575	601	615	615	615	601	575	537	488	439	395
-35°	431	444	452	453	452	444	431	411	385	356	327
-37.5°	347	354	358	359	358	354	347	335	319	300	280
-40°	290	295	298	300	298	295	290	282	272	260	247
-42.5°	251	254	255	254	255	254	251	246	239	231	222
-45°	223	225	226	227	226	225	223	220	215	209	202
-47.5°	202	203	203	204	203	203	202	200	196	191	184
-50°	184	185	185	185	185	185	184	183	180	176	170
-52.5°	171	171	171	171	171	171	171	170	168	163	157
-55°	159	160	160	160	160	160	159	158	157	152	147
-57.5°	150	151	151	150	151	151	150	148	147	142	138
-60°	139	141	141	141	141	141	139	138	136	132	127
-62.5°	126	127	128	128	128	127	126	124	122	119	114
-65°	110	111	113	114	113	111	110	109	107	104	100
-67.5°	95	96	98	99	98	96	95	94	93	90	87
-70°	83	84	84	84	84	84	83	81	80	78	75
-72.5°	71	72	72	72	72	72	71	69	68	66	63
-75°	58	59	60	60	60	59	58	57	56	54	52
-77.5°	46	47	47	47	47	47	46	45	44	43	41
-80°	35	36	35	35	35	36	35	34	33	32	31
-82.5°	24	25	24	24	24	25	24	23	22	21	21
-85°	14	15	14	14	14	15	14	14	14	13	13
-87.5°	6	6	6	5	6	6	6	6	5	5	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626684 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-MR-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°	2	1	1	1	1	1	0	0	0	0	0
60°	6	4	5	6	5	3	3	2	1	1	1
57.5°	18	17	15	13	12	11	9	7	6	4	2
55°	27	26	23	21	18	17	15	13	11	8	6
52.5°	34	33	32	28	26	24	21	19	17	14	11
50°	48	45	42	39	36	32	29	26	22	20	17
47.5°	61	58	55	52	47	43	39	35	30	25	22
45°	75	70	66	62	57	52	47	43	37	32	27
42.5°	88	81	75	71	66	60	55	50	45	39	34
40°	104	94	87	83	77	69	64	59	53	46	40
37.5°	127	113	105	99	92	83	75	68	61	54	47
35°	158	141	126	116	108	97	87	79	71	63	54
32.5°	192	170	149	134	121	110	100	90	80	71	63
30°	241	206	176	152	136	123	110	100	89	79	71
27.5°	318	254	213	176	152	135	122	109	97	87	78
25°	446	334	262	211	171	150	134	119	106	94	84
22.5°	642	468	339	253	204	173	150	130	114	103	91
20°	983	653	454	332	253	200	168	144	126	112	99
17.5°	1514	1023	604	431	319	243	193	161	139	121	106
15°	2125	1440	901	575	393	279	215	177	151	131	114
12.5°	2744	1871	1158	693	457	319	242	196	164	139	120
10°	3235	2256	1426	862	537	360	265	210	173	146	125
7.5°	3739	2572	1652	988	604	394	283	221	180	152	130
5°	4108	2829	1844	1088	657	420	297	230	186	156	134
2.5°	4360	3004	1974	1149	691	439	308	237	191	159	136
0°	4476	3087	2035	1192	711	450	316	242	196	161	138
-2.5°	4449	3082	1998	1177	712	456	319	243	197	163	139
-5°	4271	2971	1933	1146	694	453	320	244	198	164	140
-7.5°	4022	2776	1787	1069	657	441	318	243	197	165	140
-10°	3635	2471	1585	965	608	420	309	239	195	164	140
-12.5°	3157	2127	1349	809	540	388	294	232	191	162	139
-15°	2599	1765	1129	714	485	356	275	222	186	158	137
-17.5°	2048	1381	867	588	428	328	261	215	181	155	135
-20°	1505	1004	699	497	372	294	243	205	175	152	133

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REPORT NUMBER: P626684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1044	758	544	408	329	271	228	194	167	148	130
-25°	752	563	436	354	291	245	212	185	162	143	127
-27.5°	553	437	367	305	259	227	200	176	156	139	124
-30°	426	364	310	265	235	209	188	168	149	133	120
-32.5°	345	307	267	239	215	194	176	159	142	129	116
-35°	294	265	239	217	198	181	165	150	136	123	111
-37.5°	257	234	216	199	183	169	155	142	130	117	106
-40°	229	212	197	183	170	158	147	135	123	111	101
-42.5°	209	195	181	170	159	150	140	129	117	106	96
-45°	192	180	168	159	150	141	133	122	111	102	92
-47.5°	177	167	158	149	141	133	125	116	106	97	87
-50°	164	155	147	139	132	125	117	110	100	91	82
-52.5°	151	145	138	132	125	118	110	102	94	86	78
-55°	142	136	130	123	117	111	103	95	88	80	73
-57.5°	132	127	121	116	111	104	96	89	81	74	66
-60°	122	117	112	107	102	96	88	81	74	67	60
-62.5°	110	106	101	96	91	86	79	72	66	60	54
-65°	97	92	88	84	79	74	68	63	58	53	48
-67.5°	84	80	76	72	67	63	58	54	50	46	40
-70°	72	69	65	61	57	53	49	46	41	37	33
-72.5°	61	58	55	52	48	44	41	38	34	30	27
-75°	50	48	45	42	39	36	33	30	28	25	22
-77.5°	39	37	35	33	31	29	26	24	22	19	17
-80°	29	28	26	25	23	21	20	18	16	14	12
-82.5°	20	19	19	17	16	15	13	12	11	9	8
-85°	12	12	11	10	9	8	8	7	6	5	5
-87.5°	5	5	5	4	4	3	3	3	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-MR-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	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	1	1	0	0	0	0	0	0	0	0	0
57.5°	2	1	1	1	1	0	0	0	1	0	0
55°	4	3	2	1	1	1	0	0	1	1	0
52.5°	8	5	4	2	1	1	1	1	1	1	0
50°	13	9	6	4	2	1	1	1	1	1	1
47.5°	19	14	10	6	4	2	2	1	1	1	1
45°	24	20	14	9	6	4	2	1	1	1	1
42.5°	29	25	19	12	9	6	3	2	1	1	1
40°	35	30	24	17	12	7	5	3	1	1	1
37.5°	41	35	29	22	15	10	6	4	2	1	1
35°	48	41	34	27	19	13	8	5	3	2	1
32.5°	54	46	38	31	23	16	10	7	4	2	1
30°	61	51	43	35	26	19	13	8	5	3	1
27.5°	68	56	47	39	30	22	16	10	6	4	2
25°	74	62	51	42	33	25	18	12	8	4	2
22.5°	80	68	55	45	37	28	21	14	9	5	3
20°	86	73	59	49	41	31	23	16	10	6	3
17.5°	92	78	65	54	44	34	25	18	12	7	4
15°	98	84	70	58	47	37	28	20	13	8	4
12.5°	104	89	74	62	51	40	30	21	14	8	5
10°	108	93	78	66	54	42	32	23	16	9	5
7.5°	112	97	82	69	57	44	33	24	17	10	6
5°	116	100	84	71	59	46	35	25	18	10	7
2.5°	118	102	86	73	61	48	36	26	19	11	7
0°	119	103	88	74	62	50	37	27	20	11	7
-2.5°	120	104	90	76	63	51	38	28	21	12	8
-5°	121	105	91	77	65	53	39	29	21	13	8
-7.5°	122	106	92	78	65	53	40	29	22	14	8
-10°	122	107	93	79	66	54	40	30	22	15	8
-12.5°	121	107	93	79	66	54	41	30	22	15	8
-15°	120	107	93	79	66	54	42	31	23	15	8
-17.5°	119	106	92	78	66	54	42	31	23	15	8
-20°	118	105	91	77	65	54	42	31	23	15	9

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REPORT NUMBER: P626684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	116	103	89	76	65	53	41	31	22	15	9
-25°	114	100	87	75	64	53	41	30	22	14	9
-27.5°	111	98	85	74	63	52	40	29	21	14	9
-30°	107	95	83	72	61	50	38	28	21	14	9
-32.5°	103	92	81	70	59	48	36	27	20	14	9
-35°	100	89	78	67	57	46	35	26	19	13	9
-37.5°	96	86	75	64	55	44	34	25	18	13	9
-40°	92	82	71	62	52	42	33	24	18	13	8
-42.5°	88	78	68	59	49	40	31	23	17	12	8
-45°	83	74	65	56	47	38	30	22	16	12	8
-47.5°	78	70	61	52	44	36	28	21	15	11	7
-50°	75	66	57	49	41	34	26	20	15	11	7
-52.5°	70	61	53	45	38	31	24	18	14	10	6
-55°	64	56	49	42	35	28	22	17	13	9	6
-57.5°	59	51	44	38	32	25	20	15	11	8	5
-60°	53	46	40	34	28	22	18	14	10	7	5
-62.5°	48	42	36	30	24	20	16	12	9	7	4
-65°	42	36	31	26	21	17	14	11	8	6	4
-67.5°	35	30	26	22	18	15	12	9	7	5	4
-70°	29	25	21	18	15	12	10	8	6	4	3
-72.5°	24	21	17	14	12	10	9	7	5	4	3
-75°	19	16	14	12	10	8	7	5	4	3	2
-77.5°	15	13	11	9	8	7	5	4	3	2	2
-80°	11	9	8	7	6	5	4	3	2	2	2
-82.5°	7	6	6	5	4	3	3	2	2	1	1
-85°	4	4	3	3	2	2	1	1	1	1	1
-87.5°	2	2	2	1	1	1	1	1	0	0	0
-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: P626684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-MR-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	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0
45°	1	0	0	0	0	0	0
42.5°	1	1	0	0	0	0	0
40°	1	1	0	0	0	0	0
37.5°	1	1	0	0	0	0	0
35°	1	1	0	0	0	0	0
32.5°	1	1	0	0	0	0	0
30°	1	1	1	0	0	0	0
27.5°	1	1	1	0	0	0	0
25°	1	1	1	0	0	0	0
22.5°	1	1	1	0	0	0	0
20°	1	1	1	0	0	0	0
17.5°	1	1	1	0	0	0	0
15°	1	1	1	0	0	0	0
12.5°	2	1	1	0	0	0	0
10°	2	1	1	0	0	0	0
7.5°	2	1	1	0	0	0	0
5°	2	1	1	0	0	0	0
2.5°	2	1	1	0	0	0	0
0°	2	1	1	0	0	0	0
-2.5°	3	1	1	0	0	0	0
-5°	3	1	1	0	0	0	0
-7.5°	4	2	1	0	0	0	0
-10°	4	2	1	0	0	0	0
-12.5°	5	2	1	0	0	0	0
-15°	5	2	1	0	0	0	0
-17.5°	5	2	1	0	0	0	0
-20°	5	2	1	1	0	0	0

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REPORT NUMBER: P626684 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)