

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: P626566 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-740-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626566 (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-SA1A-740-U-MWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2639.3 lumens
Efficiency: N/A
Efficacy: 145.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 3697.6 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 1767.8 lumens
Beam Efficiency: 67.0%

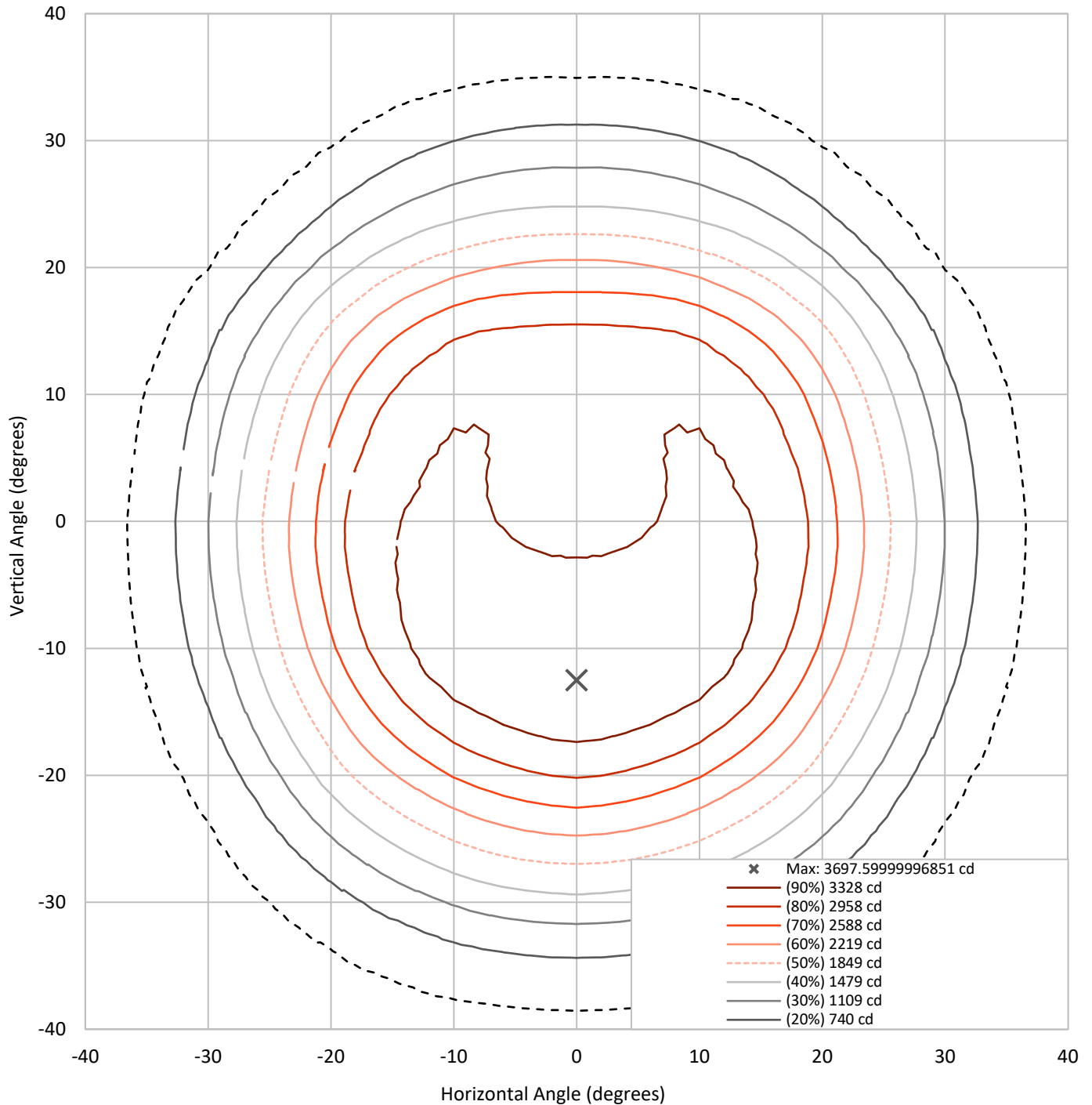
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 2378.9 lumens
Field Efficiency: 90.1%

Input Watts (W): 18.1
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: P626566 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-740-U-MWR-VSR-XX

Iso-Candela Plot





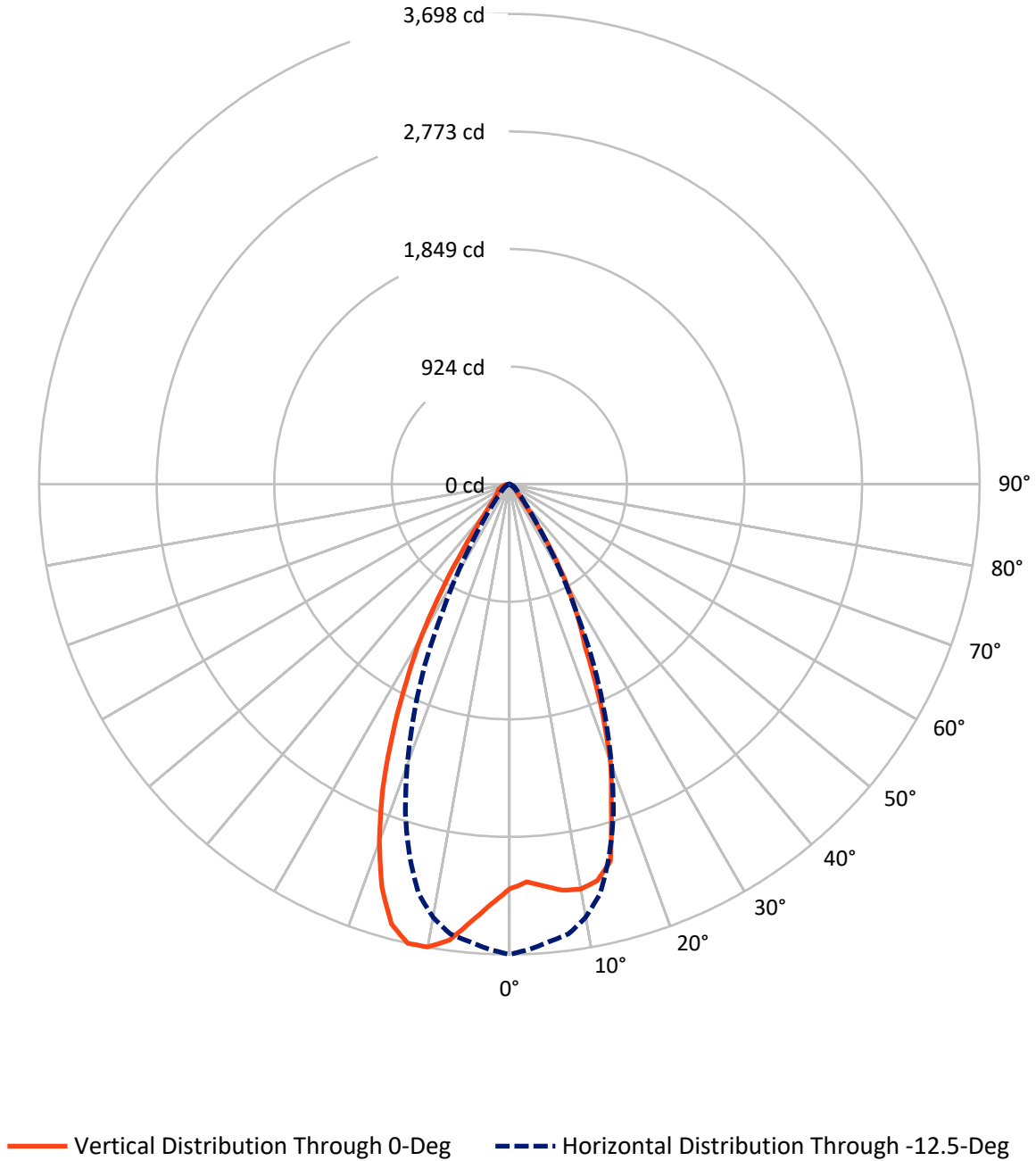
REPORT NUMBER: P626566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-MWR-VSR-XX

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	0.1	0.2	0.4	0.5	0.6	0.6	0.5	0.4	0.2	0.1	0.0		0.0			
40	0.0	0.0	0.1	0.4	0.7	1.2	1.8	2.2	2.2	1.8	1.2	0.7	0.4	0.1	0.0	0.0			
30		0.0	0.3	0.8	1.6	3.4	7.8	11.9	11.9	7.8	3.4	1.6	0.8	0.3	0.0				
20	0.0	0.1	0.5	1.2	3.3	12.3	31.6	44.2	44.2	31.6	12.3	3.3	1.2	0.5	0.1	0.0			
10		0.2	0.7	1.9	7.9	34.1	71.1	88.0	88.0	71.1	34.1	7.9	1.9	0.7	0.2				
0	0.1	0.2	0.9	2.5	12.5	50.2	91.6	99.3	99.3	91.6	50.2	12.5	2.5	0.9	0.2	0.1			
-10		0.3	0.9	2.6	13.1	51.8	94.9	105.4	105.4	94.9	51.8	13.1	2.6	0.9	0.3				
-20	0.1	0.3	1.0	2.4	9.4	38.6	80.1	102.3	102.3	80.1	38.6	9.4	2.4	1.0	0.3	0.1			
-30		0.3	0.9	2.0	5.3	18.7	44.6	62.8	62.8	44.6	18.7	5.3	2.0	0.9	0.3				
-40	0.1	0.2	0.8	1.6	3.1	6.7	13.9	20.7	20.7	13.9	6.7	3.1	1.6	0.8	0.2	0.1			
-50		0.2	0.7	1.4	2.3	3.4	4.8	5.6	5.6	4.8	3.4	2.3	1.4	0.7	0.2				
-60	0.0	0.2	0.5	1.1	1.8	2.5	3.1	3.4	3.4	3.1	2.5	1.8	1.1	0.5	0.2	0.0			
-70		0.1	0.3	0.7	1.3	1.8	2.3	2.5	2.5	2.3	1.8	1.3	0.7	0.3	0.1				
-80	0.0	0.3	1.3	2.8	3.6	2.8	1.3	0.3	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

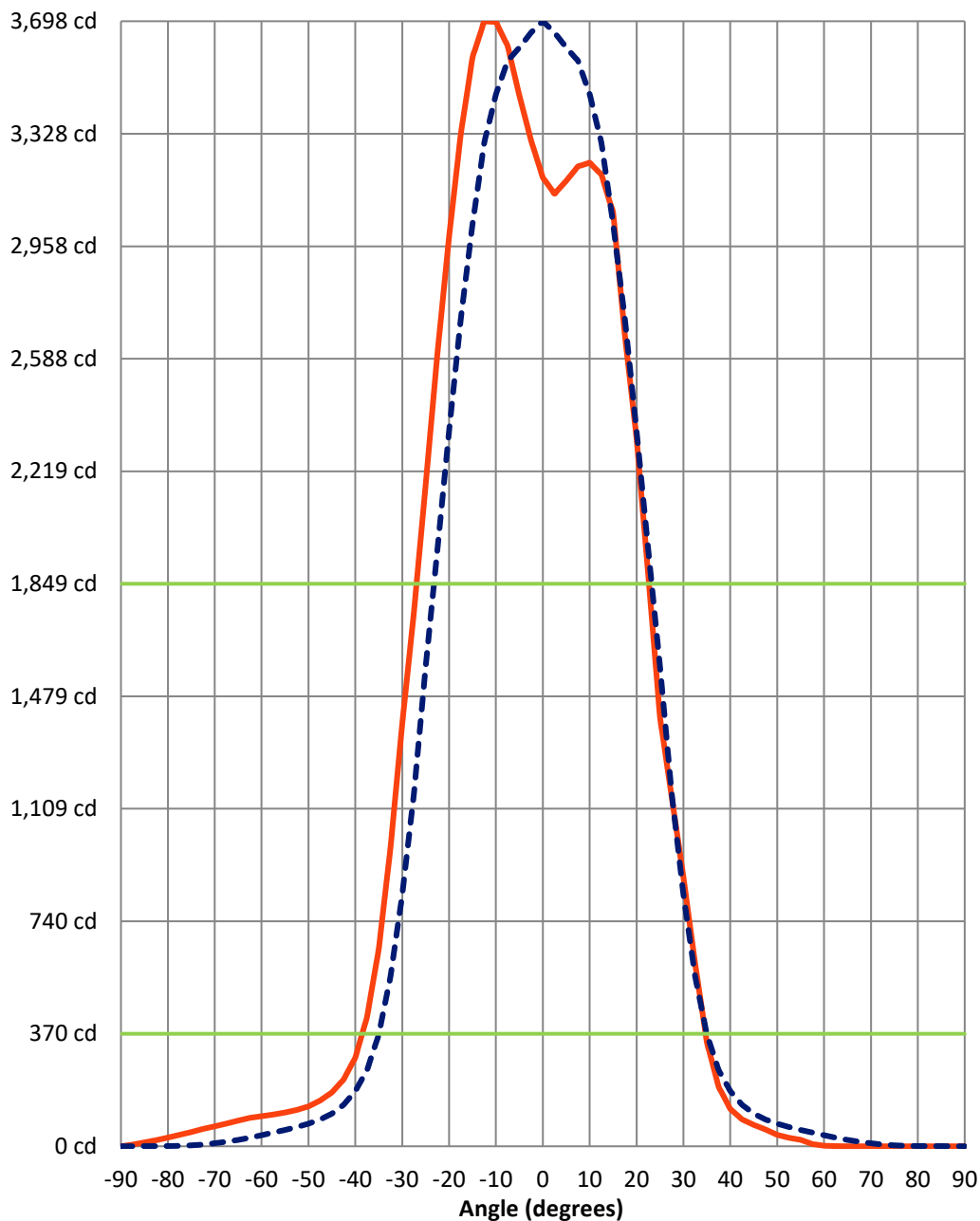
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 1767.8
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 2378.9
 Efficiency: 90.1%

Spill:
 Lumens: 260.4
 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	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	1
57.5°	0	0	0	0	0	0	0	0	1	1	1
55°	0	0	0	0	0	0	0	1	1	1	1
52.5°	0	0	0	0	0	0	0	1	1	1	1
50°	0	0	0	1	0	0	1	1	1	1	1
47.5°	0	0	0	1	0	0	1	1	1	1	1
45°	0	0	0	1	0	0	1	1	1	1	1
42.5°	0	0	0	1	0	1	1	1	1	1	1
40°	0	0	0	1	1	1	1	1	1	1	1
37.5°	0	0	0	1	1	1	1	1	1	1	2
35°	0	0	0	1	1	1	1	1	1	2	2
32.5°	0	0	0	1	1	1	1	1	1	2	4
30°	0	0	0	1	1	1	1	1	2	3	5
27.5°	0	0	0	1	1	1	1	1	2	3	6
25°	0	0	0	1	1	1	1	1	2	4	7
22.5°	0	0	1	1	1	1	1	2	3	5	8
20°	0	0	1	1	1	1	1	2	3	6	10
17.5°	0	0	1	1	1	1	1	2	4	7	11
15°	0	0	1	1	1	1	1	2	5	7	12
12.5°	0	0	1	1	1	1	1	3	5	8	14
10°	0	0	1	1	1	1	1	3	5	9	15
7.5°	0	0	1	1	1	1	2	4	6	10	16
5°	0	0	1	1	1	1	2	4	6	11	17
2.5°	0	0	1	1	1	1	2	4	6	12	17
0°	0	0	1	1	1	1	2	5	7	13	18
-2.5°	0	0	1	1	1	1	2	5	8	13	19
-5°	0	0	1	1	1	1	2	5	8	14	19
-7.5°	0	0	1	1	1	1	3	5	9	14	20
-10°	0	0	1	1	1	1	3	5	10	15	21
-12.5°	0	0	1	1	1	1	3	5	10	15	21
-15°	0	0	1	1	1	1	3	6	10	15	21
-17.5°	0	0	1	1	1	2	3	6	10	15	21
-20°	0	0	1	1	1	2	3	6	10	15	21

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REPORT NUMBER: P626566 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

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REPORT NUMBER: P626566 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	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°	1	1	0	0	1	1	0	0	0	1	1
57.5°	1	1	1	1	1	1	1	1	2	4	4
55°	1	1	1	1	1	1	2	3	5	6	7
52.5°	1	1	1	1	1	2	4	6	8	9	11
50°	1	1	1	2	3	5	7	9	11	13	16
47.5°	1	1	2	3	5	8	10	13	16	18	22
45°	1	2	3	5	8	11	14	17	20	23	26
42.5°	2	3	4	7	11	15	19	21	24	27	31
40°	3	4	6	10	14	19	22	25	28	33	38
37.5°	4	6	8	13	18	23	26	29	34	39	45
35°	5	7	11	16	22	26	30	34	40	47	53
32.5°	6	9	14	20	25	30	34	40	46	53	63
30°	8	11	17	23	28	33	39	46	52	60	71
27.5°	9	14	20	26	31	36	43	50	57	67	80
25°	11	16	22	28	33	40	48	55	63	75	93
22.5°	13	18	25	30	36	44	53	62	72	84	106
20°	15	21	27	33	38	48	58	69	82	99	128
17.5°	17	23	29	36	42	52	63	76	93	114	156
15°	18	24	31	38	46	56	69	85	105	131	183
12.5°	20	26	33	41	49	60	74	91	114	153	218
10°	21	27	35	43	52	64	78	96	122	168	244
7.5°	22	29	37	46	55	67	82	100	129	181	265
5°	23	31	39	48	57	69	85	104	135	189	280
2.5°	24	32	40	49	58	71	87	107	141	197	293
0°	25	34	41	50	59	73	88	109	145	202	304
-2.5°	26	35	43	51	61	74	89	111	147	203	302
-5°	26	35	44	52	62	74	89	111	147	201	295
-7.5°	27	36	45	53	63	75	90	111	145	198	285
-10°	27	36	45	53	63	75	89	110	142	191	270
-12.5°	28	36	45	54	63	74	88	107	136	181	251
-15°	28	37	45	53	63	73	86	104	129	168	226
-17.5°	29	37	45	53	62	72	84	100	122	157	209
-20°	29	36	45	52	62	71	82	96	117	146	188

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CATALOG NUMBER: GFLD-SA1A-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	28	36	44	51	61	70	80	93	110	134	168
-25°	28	36	44	51	59	68	77	88	103	124	153
-27.5°	27	35	43	50	58	66	75	85	98	114	137
-30°	25	34	42	49	57	65	73	81	93	107	125
-32.5°	24	33	40	48	55	63	70	78	88	100	114
-35°	23	31	39	46	53	61	68	76	84	94	106
-37.5°	23	30	38	44	51	58	65	73	80	88	99
-40°	22	28	36	43	49	56	63	69	76	85	93
-42.5°	21	27	34	41	47	53	60	66	73	81	89
-45°	20	26	33	39	45	51	57	63	70	77	85
-47.5°	19	25	31	36	42	48	54	61	66	73	80
-50°	18	23	29	34	39	45	51	57	63	69	75
-52.5°	16	21	26	32	36	41	48	54	60	65	71
-55°	15	19	24	29	34	38	44	50	56	61	67
-57.5°	13	17	22	26	31	36	41	46	52	57	63
-60°	12	15	19	24	28	33	38	43	48	53	58
-62.5°	11	14	17	21	25	30	34	39	44	48	52
-65°	10	12	15	18	21	26	30	34	39	43	46
-67.5°	9	11	13	15	18	22	25	29	33	37	41
-70°	8	9	11	13	15	18	21	25	28	31	35
-72.5°	6	8	9	11	13	15	18	21	23	26	29
-75°	5	6	8	9	11	13	15	17	19	22	24
-77.5°	4	5	6	7	9	10	12	13	15	17	19
-80°	3	4	5	6	7	8	9	10	11	13	14
-82.5°	3	3	4	4	5	6	6	7	8	9	10
-85°	2	2	2	3	3	4	4	5	5	6	7
-87.5°	1	1	1	1	2	2	2	2	2	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-MWR-VSR-XX

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	0	0	0	0	0
60°	2	1	2	2	2	1	2	2	2	2	2
57.5°	4	5	5	6	7	7	8	8	9	9	9
55°	8	9	11	12	13	15	17	17	17	18	19
52.5°	12	14	15	17	19	21	22	23	24	26	27
50°	18	20	22	24	26	28	28	31	34	36	38
47.5°	24	26	29	33	35	37	40	43	46	50	53
45°	29	33	37	41	43	47	50	54	59	64	68
42.5°	35	39	44	48	51	56	62	67	74	81	85
40°	42	46	52	57	64	70	81	90	100	111	119
37.5°	51	57	65	74	83	93	111	130	145	167	179
35°	61	70	83	95	110	134	161	197	234	266	296
32.5°	72	85	102	124	150	187	227	294	359	424	487
30°	84	102	128	159	200	260	336	438	550	648	736
27.5°	99	125	159	204	276	363	503	645	787	914	1005
25°	118	152	200	276	378	523	710	886	1052	1176	1281
22.5°	144	197	264	360	547	748	972	1193	1380	1536	1640
20°	177	248	360	535	755	1007	1295	1527	1757	1933	2091
17.5°	224	337	495	718	980	1316	1613	1871	2164	2344	2504
15°	266	411	637	921	1228	1584	1934	2251	2533	2731	2910
12.5°	320	490	750	1083	1419	1816	2180	2519	2795	2999	3124
10°	367	571	863	1211	1587	2001	2379	2731	2999	3157	3249
7.5°	406	638	954	1321	1718	2135	2533	2883	3140	3271	3334
5°	436	688	1025	1410	1823	2249	2656	2999	3215	3324	3359
2.5°	458	722	1073	1469	1894	2334	2749	3087	3271	3350	3362
0°	473	747	1105	1507	1955	2364	2800	3143	3318	3381	3387
-2.5°	470	738	1103	1493	1948	2378	2808	3146	3334	3419	3432
-5°	460	717	1067	1455	1892	2323	2733	3091	3321	3449	3505
-7.5°	442	681	1004	1382	1803	2234	2652	3023	3288	3468	3579
-10°	410	629	924	1290	1704	2115	2528	2913	3199	3415	3570
-12.5°	368	558	826	1159	1575	1959	2350	2719	3031	3298	3457
-15°	323	484	725	1029	1392	1770	2131	2493	2800	3050	3249
-17.5°	292	419	608	874	1192	1551	1903	2236	2513	2748	2957
-20°	252	346	496	719	1000	1313	1651	1947	2195	2415	2614

Classified

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

Scaled Data Report



REPORT NUMBER: P626566 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	220	297	404	557	809	1086	1362	1634	1867	2063	2233
-25°	191	245	329	453	617	856	1089	1319	1534	1716	1869
-27.5°	169	211	268	356	480	620	824	1016	1201	1367	1512
-30°	148	180	224	279	364	467	590	734	881	1013	1144
-32.5°	133	156	186	227	275	349	423	520	613	709	803
-35°	120	138	159	186	219	262	311	370	420	483	541
-37.5°	111	124	139	157	180	204	237	273	304	339	368
-40°	103	113	124	136	152	168	189	210	229	250	266
-42.5°	97	105	113	122	131	144	159	171	183	196	206
-45°	92	98	104	111	118	128	138	147	155	162	168
-47.5°	87	92	97	103	109	116	123	129	135	140	144
-50°	81	87	92	96	102	107	112	117	122	126	128
-52.5°	76	82	87	91	95	100	104	109	113	116	118
-55°	72	77	82	86	90	94	98	102	105	109	110
-57.5°	68	73	78	82	85	88	92	96	99	103	104
-60°	63	69	73	76	80	83	87	90	93	96	97
-62.5°	57	62	66	69	72	76	79	83	86	89	91
-65°	50	54	58	62	65	68	71	74	77	80	82
-67.5°	44	47	51	53	57	60	63	66	69	71	72
-70°	38	41	44	47	49	52	55	57	60	62	63
-72.5°	32	35	37	40	42	45	47	49	51	53	54
-75°	27	29	31	33	35	37	39	40	42	44	45
-77.5°	21	23	25	26	28	30	31	32	34	35	36
-80°	16	17	19	20	21	23	24	25	26	26	27
-82.5°	12	12	13	14	15	16	17	17	18	19	19
-85°	7	8	8	9	9	10	10	11	11	12	12
-87.5°	3	4	4	4	4	5	5	5	5	6	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	1	0	0	0	0
60°	2	2	2	2	2	2	2	2	2	2	2
57.5°	9	8	8	7	8	8	9	9	9	9	8
55°	20	21	21	21	21	21	20	19	18	17	17
52.5°	28	29	29	28	29	29	28	27	26	24	23
50°	38	39	38	38	38	39	38	38	36	34	31
47.5°	54	55	55	55	55	55	54	53	50	46	43
45°	69	70	70	70	70	70	69	68	64	59	54
42.5°	87	89	89	89	89	89	87	85	81	74	67
40°	124	125	124	123	124	125	124	119	111	100	90
37.5°	187	193	196	196	196	193	187	179	167	145	130
35°	323	344	354	342	354	344	323	296	266	234	197
32.5°	539	577	599	599	599	577	539	487	424	359	294
30°	803	851	878	883	878	851	803	736	648	550	438
27.5°	1076	1126	1151	1148	1151	1126	1076	1005	914	787	645
25°	1350	1388	1410	1410	1410	1388	1350	1281	1176	1052	886
22.5°	1756	1835	1867	1876	1867	1835	1756	1640	1536	1380	1193
20°	2197	2274	2323	2326	2323	2274	2197	2091	1933	1757	1527
17.5°	2618	2656	2663	2666	2663	2656	2618	2504	2344	2164	1871
15°	3015	3028	3063	3068	3063	3028	3015	2910	2731	2533	2251
12.5°	3203	3215	3209	3193	3209	3215	3203	3124	2999	2795	2519
10°	3306	3289	3263	3233	3263	3289	3306	3249	3157	2999	2731
7.5°	3329	3310	3265	3220	3265	3310	3329	3334	3271	3140	2883
5°	3340	3284	3227	3173	3227	3284	3340	3359	3324	3215	2999
2.5°	3334	3267	3189	3131	3189	3267	3334	3362	3350	3271	3087
0°	3355	3288	3206	3184	3206	3288	3355	3387	3381	3318	3143
-2.5°	3414	3360	3317	3305	3317	3360	3414	3432	3419	3334	3146
-5°	3521	3509	3436	3453	3436	3509	3521	3505	3449	3321	3091
-7.5°	3624	3607	3576	3616	3576	3607	3624	3579	3468	3288	3023
-10°	3651	3646	3660	3695	3660	3646	3651	3570	3415	3199	2913
-12.5°	3567	3611	3660	3698	3660	3611	3567	3457	3298	3031	2719
-15°	3380	3470	3544	3579	3544	3470	3380	3249	3050	2800	2493
-17.5°	3105	3215	3302	3327	3302	3215	3105	2957	2748	2513	2236
-20°	2766	2878	2957	2989	2957	2878	2766	2614	2415	2195	1947

Classified

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

Scaled Data Report



REPORT NUMBER: P626566 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2384	2493	2565	2603	2565	2493	2384	2233	2063	1867	1634
-25°	1996	2093	2157	2173	2157	2093	1996	1869	1716	1534	1319
-27.5°	1626	1703	1750	1756	1750	1703	1626	1512	1367	1201	1016
-30°	1253	1325	1366	1388	1366	1325	1253	1144	1013	881	734
-32.5°	880	937	972	981	972	937	880	803	709	613	520
-35°	587	622	644	649	644	622	587	541	483	420	370
-37.5°	392	410	420	426	420	410	392	368	339	304	273
-40°	278	286	291	292	291	286	278	266	250	229	210
-42.5°	213	217	219	220	219	217	213	206	196	183	171
-45°	172	175	176	177	176	175	172	168	162	155	147
-47.5°	147	149	150	150	150	149	147	144	140	135	129
-50°	130	131	131	131	131	131	130	128	126	122	117
-52.5°	119	119	120	119	120	119	119	118	116	113	109
-55°	111	111	111	111	111	111	111	110	109	105	102
-57.5°	104	105	105	104	105	105	104	104	103	99	96
-60°	98	99	99	99	99	99	98	97	96	93	90
-62.5°	92	93	94	93	94	93	92	91	89	86	83
-65°	83	85	85	84	85	85	83	82	80	77	74
-67.5°	74	75	75	75	75	75	74	72	71	69	66
-70°	65	66	66	66	66	66	65	63	62	60	57
-72.5°	56	57	57	57	57	57	56	54	53	51	49
-75°	46	47	47	47	47	47	46	45	44	42	40
-77.5°	37	38	38	38	38	38	37	36	35	34	32
-80°	28	29	29	29	29	29	28	27	26	26	25
-82.5°	20	21	20	20	20	21	20	19	19	18	17
-85°	12	13	13	13	13	13	12	12	12	11	11
-87.5°	6	6	6	6	6	6	6	6	6	5	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	2	1	2	2	2	1	2	1	1	0	0
57.5°	8	7	7	6	5	5	4	4	4	2	1
55°	17	15	13	12	11	9	8	7	6	5	3
52.5°	22	21	19	17	15	14	12	11	9	8	6
50°	28	28	26	24	22	20	18	16	13	11	9
47.5°	40	37	35	33	29	26	24	22	18	16	13
45°	50	47	43	41	37	33	29	26	23	20	17
42.5°	62	56	51	48	44	39	35	31	27	24	21
40°	81	70	64	57	52	46	42	38	33	28	25
37.5°	111	93	83	74	65	57	51	45	39	34	29
35°	161	134	110	95	83	70	61	53	47	40	34
32.5°	227	187	150	124	102	85	72	63	53	46	40
30°	336	260	200	159	128	102	84	71	60	52	46
27.5°	503	363	276	204	159	125	99	80	67	57	50
25°	710	523	378	276	200	152	118	93	75	63	55
22.5°	972	748	547	360	264	197	144	106	84	72	62
20°	1295	1007	755	535	360	248	177	128	99	82	69
17.5°	1613	1316	980	718	495	337	224	156	114	93	76
15°	1934	1584	1228	921	637	411	266	183	131	105	85
12.5°	2180	1816	1419	1083	750	490	320	218	153	114	91
10°	2379	2001	1587	1211	863	571	367	244	168	122	96
7.5°	2533	2135	1718	1321	954	638	406	265	181	129	100
5°	2656	2249	1823	1410	1025	688	436	280	189	135	104
2.5°	2749	2334	1894	1469	1073	722	458	293	197	141	107
0°	2800	2364	1955	1507	1105	747	473	304	202	145	109
-2.5°	2808	2378	1948	1493	1103	738	470	302	203	147	111
-5°	2733	2323	1892	1455	1067	717	460	295	201	147	111
-7.5°	2652	2234	1803	1382	1004	681	442	285	198	145	111
-10°	2528	2115	1704	1290	924	629	410	270	191	142	110
-12.5°	2350	1959	1575	1159	826	558	368	251	181	136	107
-15°	2131	1770	1392	1029	725	484	323	226	168	129	104
-17.5°	1903	1551	1192	874	608	419	292	209	157	122	100
-20°	1651	1313	1000	719	496	346	252	188	146	117	96

Classified

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

Scaled Data Report



REPORT NUMBER: P626566 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1362	1086	809	557	404	297	220	168	134	110	93
-25°	1089	856	617	453	329	245	191	153	124	103	88
-27.5°	824	620	480	356	268	211	169	137	114	98	85
-30°	590	467	364	279	224	180	148	125	107	93	81
-32.5°	423	349	275	227	186	156	133	114	100	88	78
-35°	311	262	219	186	159	138	120	106	94	84	76
-37.5°	237	204	180	157	139	124	111	99	88	80	73
-40°	189	168	152	136	124	113	103	93	85	76	69
-42.5°	159	144	131	122	113	105	97	89	81	73	66
-45°	138	128	118	111	104	98	92	85	77	70	63
-47.5°	123	116	109	103	97	92	87	80	73	66	61
-50°	112	107	102	96	92	87	81	75	69	63	57
-52.5°	104	100	95	91	87	82	76	71	65	60	54
-55°	98	94	90	86	82	77	72	67	61	56	50
-57.5°	92	88	85	82	78	73	68	63	57	52	46
-60°	87	83	80	76	73	69	63	58	53	48	43
-62.5°	79	76	72	69	66	62	57	52	48	44	39
-65°	71	68	65	62	58	54	50	46	43	39	34
-67.5°	63	60	57	53	51	47	44	41	37	33	29
-70°	55	52	49	47	44	41	38	35	31	28	25
-72.5°	47	45	42	40	37	35	32	29	26	23	21
-75°	39	37	35	33	31	29	27	24	22	19	17
-77.5°	31	30	28	26	25	23	21	19	17	15	13
-80°	24	23	21	20	19	17	16	14	13	11	10
-82.5°	17	16	15	14	13	12	12	10	9	8	7
-85°	10	10	9	9	8	8	7	7	6	5	5
-87.5°	5	5	4	4	4	4	3	3	3	2	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: P626566 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	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	0	0	0	0
60°	0	1	1	0	0	1	1	1	0	0	0
57.5°	1	1	1	1	1	1	1	1	1	1	0
55°	2	1	1	1	1	1	1	1	1	1	1
52.5°	4	2	1	1	1	1	1	1	1	1	1
50°	7	5	3	2	1	1	1	1	1	1	1
47.5°	10	8	5	3	2	1	1	1	1	1	1
45°	14	11	8	5	3	2	1	1	1	1	1
42.5°	19	15	11	7	4	3	2	1	1	1	1
40°	22	19	14	10	6	4	3	1	1	1	1
37.5°	26	23	18	13	8	6	4	2	1	1	1
35°	30	26	22	16	11	7	5	2	2	1	1
32.5°	34	30	25	20	14	9	6	4	2	1	1
30°	39	33	28	23	17	11	8	5	3	2	1
27.5°	43	36	31	26	20	14	9	6	3	2	1
25°	48	40	33	28	22	16	11	7	4	2	1
22.5°	53	44	36	30	25	18	13	8	5	3	2
20°	58	48	38	33	27	21	15	10	6	3	2
17.5°	63	52	42	36	29	23	17	11	7	4	2
15°	69	56	46	38	31	24	18	12	7	5	2
12.5°	74	60	49	41	33	26	20	14	8	5	3
10°	78	64	52	43	35	27	21	15	9	5	3
7.5°	82	67	55	46	37	29	22	16	10	6	4
5°	85	69	57	48	39	31	23	17	11	6	4
2.5°	87	71	58	49	40	32	24	17	12	6	4
0°	88	73	59	50	41	34	25	18	13	7	5
-2.5°	89	74	61	51	43	35	26	19	13	8	5
-5°	89	74	62	52	44	35	26	19	14	8	5
-7.5°	90	75	63	53	45	36	27	20	14	9	5
-10°	89	75	63	53	45	36	27	21	15	10	5
-12.5°	88	74	63	54	45	36	28	21	15	10	5
-15°	86	73	63	53	45	37	28	21	15	10	6
-17.5°	84	72	62	53	45	37	29	21	15	10	6
-20°	82	71	62	52	45	36	29	21	15	10	6

Classified

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

Scaled Data Report



REPORT NUMBER: P626566 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	80	70	61	51	44	36	28	20	15	10	6
-25°	77	68	59	51	44	36	28	20	14	10	6
-27.5°	75	66	58	50	43	35	27	19	14	9	6
-30°	73	65	57	49	42	34	25	19	14	9	6
-32.5°	70	63	55	48	40	33	24	18	13	9	6
-35°	68	61	53	46	39	31	23	17	13	9	6
-37.5°	65	58	51	44	38	30	23	17	12	9	6
-40°	63	56	49	43	36	28	22	16	12	8	5
-42.5°	60	53	47	41	34	27	21	16	11	8	5
-45°	57	51	45	39	33	26	20	15	11	7	5
-47.5°	54	48	42	36	31	25	19	14	10	7	5
-50°	51	45	39	34	29	23	18	13	9	7	5
-52.5°	48	41	36	32	26	21	16	12	9	6	4
-55°	44	38	34	29	24	19	15	11	8	6	4
-57.5°	41	36	31	26	22	17	13	10	8	6	4
-60°	38	33	28	24	19	15	12	10	7	5	4
-62.5°	34	30	25	21	17	14	11	9	7	5	3
-65°	30	26	21	18	15	12	10	8	6	4	3
-67.5°	25	22	18	15	13	11	9	7	5	4	3
-70°	21	18	15	13	11	9	8	6	5	4	3
-72.5°	18	15	13	11	9	8	6	5	4	3	2
-75°	15	13	11	9	8	6	5	4	3	2	2
-77.5°	12	10	9	7	6	5	4	3	3	2	2
-80°	9	8	7	6	5	4	3	3	2	2	1
-82.5°	6	6	5	4	4	3	3	2	2	2	1
-85°	4	4	3	3	2	2	2	2	1	1	1
-87.5°	2	2	2	1	1	1	1	1	1	1	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: P626566 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	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°	1	0	0	1	0	0	0
47.5°	1	0	0	1	0	0	0
45°	1	0	0	1	0	0	0
42.5°	1	1	0	1	0	0	0
40°	1	1	1	1	0	0	0
37.5°	1	1	1	1	0	0	0
35°	1	1	1	1	0	0	0
32.5°	1	1	1	1	0	0	0
30°	1	1	1	1	0	0	0
27.5°	1	1	1	1	0	0	0
25°	1	1	1	1	0	0	0
22.5°	1	1	1	1	1	0	0
20°	1	1	1	1	1	0	0
17.5°	1	1	1	1	1	0	0
15°	1	1	1	1	1	0	0
12.5°	1	1	1	1	1	0	0
10°	1	1	1	1	1	0	0
7.5°	2	1	1	1	1	0	0
5°	2	1	1	1	1	0	0
2.5°	2	1	1	1	1	0	0
0°	2	1	1	1	1	0	0
-2.5°	2	1	1	1	1	0	0
-5°	2	1	1	1	1	0	0
-7.5°	3	1	1	1	1	0	0
-10°	3	1	1	1	1	0	0
-12.5°	3	1	1	1	1	0	0
-15°	3	1	1	1	1	0	0
-17.5°	3	2	1	1	1	0	0
-20°	3	2	1	1	1	0	0

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REPORT NUMBER: P626566 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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