

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: P626756 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-750-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626756 (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-SA1D-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: 6637.6 lumens
Efficiency: N/A
Efficacy: 115.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 9299.2 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 4445.8 lumens
Beam Efficiency: 67.0%

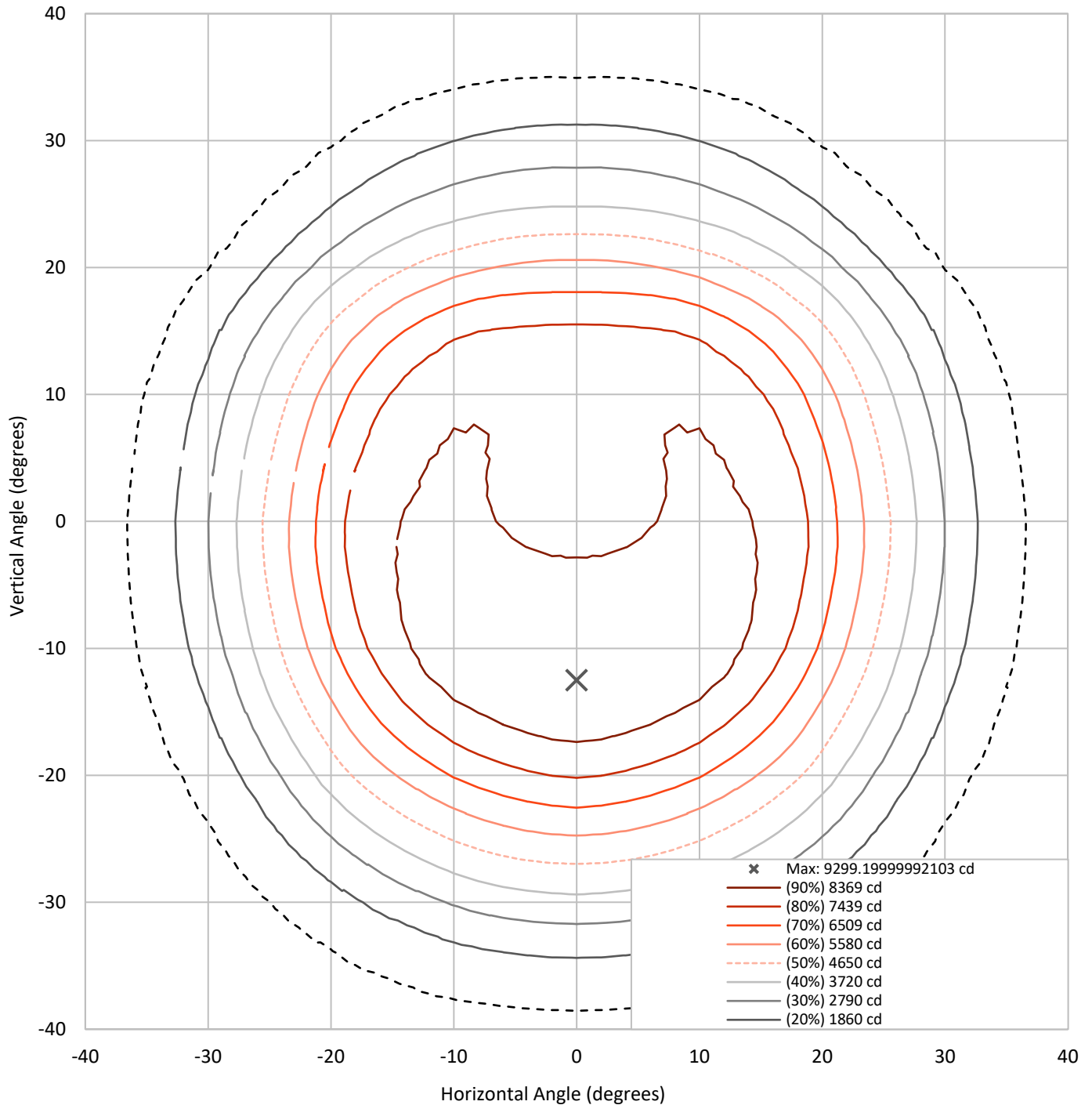
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 5985.9 lumens
Field Efficiency: 90.2%

Input Watts (W): 57.3
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



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CATALOG NUMBER: GFLD-SA1D-750-U-MWR-VSR-XX

Iso-Candela Plot





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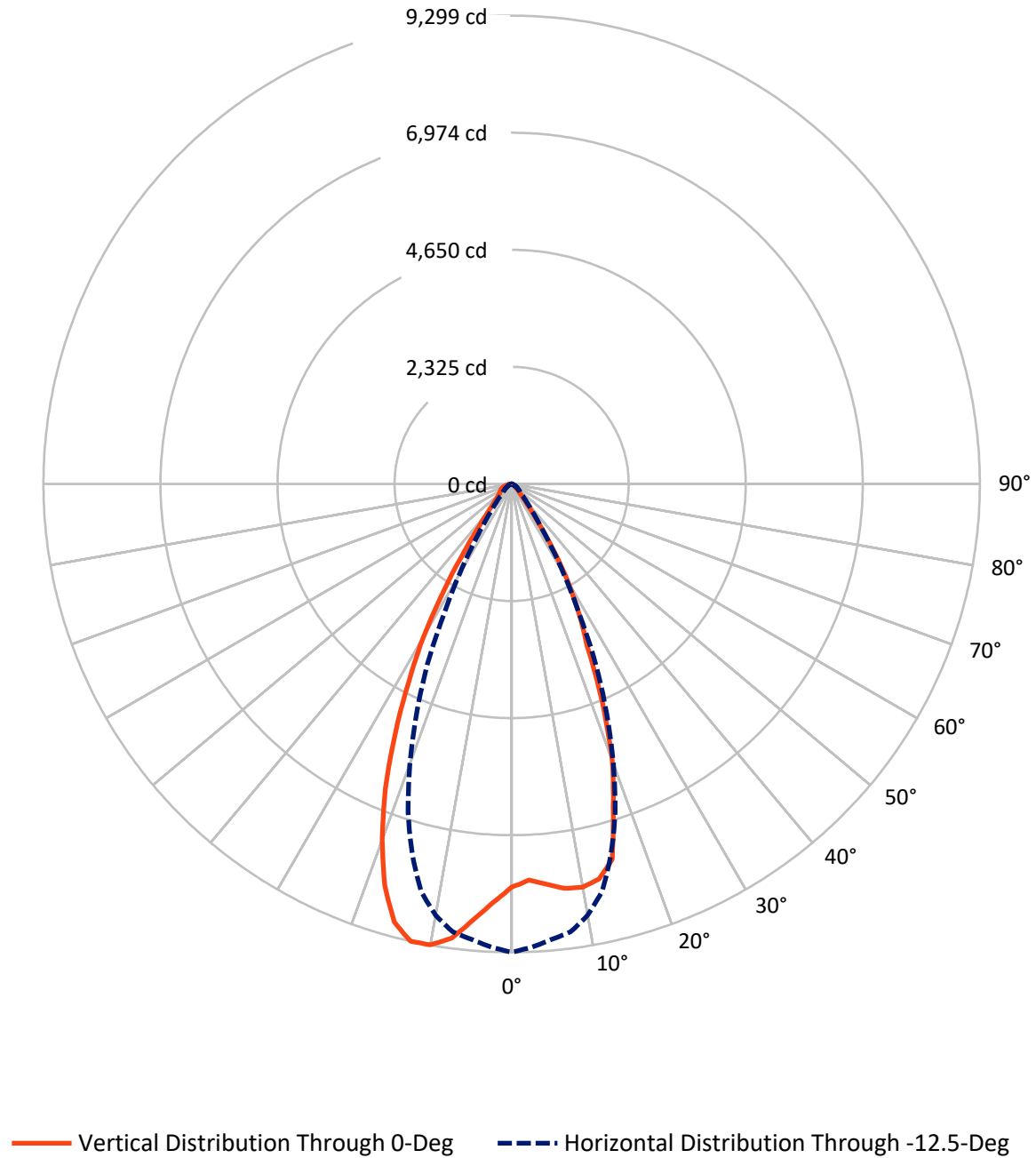
CATALOG NUMBER: GFLD-SA1D-750-U-MWR-VSR-XX

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				
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	0.9	1.3	1.5	1.5	1.3	0.9	0.5	0.2	0.0		0.0			
40	0.0	0.0	0.3	0.9	1.9	3.0	4.5	5.6	5.6	4.5	3.0	1.9	0.9	0.3	0.0				
30		0.1	0.7	1.9	4.0	8.6	19.6	29.9	29.9	19.6	8.6	4.0	1.9	0.7	0.1				
20	0.1	0.3	1.2	3.1	8.3	30.9	79.5	111.1	111.1	79.5	30.9	8.3	3.1	1.2	0.3				
10		0.4	1.7	4.8	19.8	85.7	178.8	221.3	221.3	178.8	85.7	19.8	4.8	1.7	0.4				
0	0.1	0.6	2.1	6.2	31.6	126.2	230.5	249.9	249.9	230.5	126.2	31.6	6.2	2.1	0.6				
-10		0.7	2.4	6.6	33.0	130.3	238.8	265.2	265.2	238.8	130.3	33.0	6.6	2.4	0.7				
-20	0.2	0.7	2.4	6.0	23.6	97.0	201.4	257.2	257.2	201.4	97.0	23.6	6.0	2.4	0.7				
-30		0.7	2.3	5.0	13.2	47.1	112.2	157.9	157.9	112.2	47.1	13.2	5.0	2.3	0.7				
-40	0.2	0.6	2.0	4.2	7.9	16.8	35.1	52.0	52.0	35.1	16.8	7.9	4.2	2.0	0.6				
-50		0.5	1.7	3.5	5.8	8.5	12.0	14.2	14.2	12.0	8.5	5.8	3.5	1.7	0.5				
-60	0.1	0.4	1.3	2.7	4.5	6.3	7.8	8.6	8.6	7.8	6.3	4.5	2.7	1.3	0.4				
-70		0.3	0.8	1.9	3.2	4.5	5.7	6.3	6.3	5.7	4.5	3.2	1.9	0.8	0.3				
-80	0.0	0.7		3.3	7.1		9.1	7.1		3.3	0.7		0.0	0.0					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

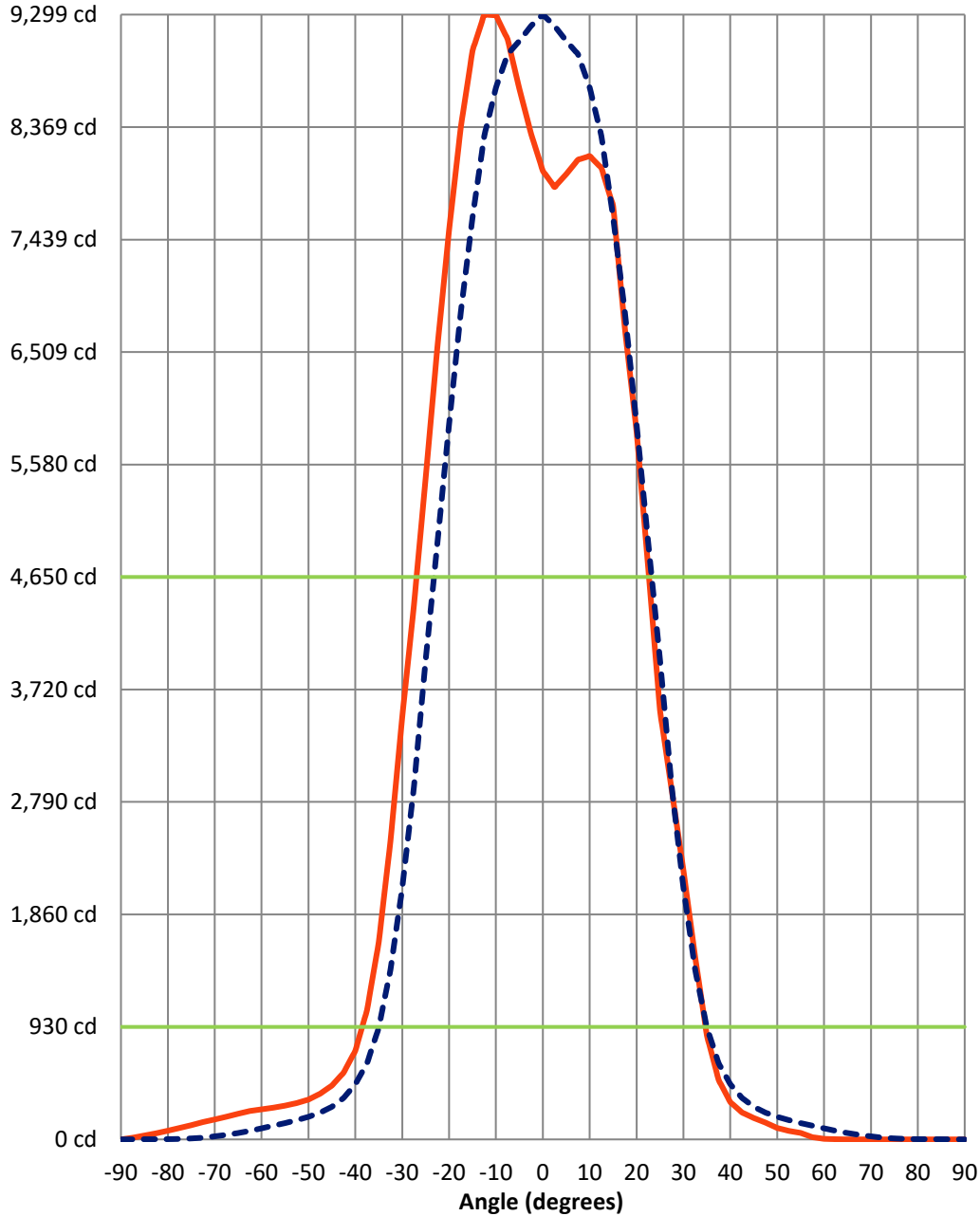
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 4445.8
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 5985.9
 Efficiency: 90.2%

Spill:
 Lumens: 651.6
 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	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	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	1	1	1	1	2
55°	0	0	0	1	1	1	1	1	1	2	2
52.5°	0	0	0	1	1	1	1	2	1	2	2
50°	0	0	0	1	1	1	1	2	2	2	2
47.5°	0	0	1	1	1	1	2	2	2	2	2
45°	0	0	1	1	1	1	2	2	2	2	2
42.5°	0	0	1	1	1	1	2	2	2	2	3
40°	0	0	1	2	1	1	2	2	2	3	4
37.5°	0	0	1	2	1	1	2	2	2	3	4
35°	0	0	1	2	1	2	2	2	3	4	6
32.5°	0	0	1	2	1	2	3	2	4	5	9
30°	0	0	1	2	1	2	3	2	4	7	12
27.5°	0	0	1	2	2	2	3	3	5	8	15
25°	0	0	1	2	2	2	3	3	6	10	18
22.5°	0	0	1	2	2	2	3	4	7	13	21
20°	0	0	1	2	2	3	3	4	9	15	24
17.5°	0	0	1	2	2	3	3	5	10	16	27
15°	0	0	1	2	2	3	3	6	11	18	31
12.5°	0	0	1	2	2	3	3	7	13	20	34
10°	0	0	1	2	2	3	4	8	14	22	37
7.5°	0	0	1	2	2	3	4	9	15	25	39
5°	0	0	1	2	2	3	4	10	15	27	41
2.5°	0	0	1	2	2	3	4	11	16	30	43
0°	0	0	2	2	2	3	5	12	17	32	44
-2.5°	0	0	1	2	2	3	5	13	19	33	47
-5°	0	0	1	2	2	3	6	13	21	35	49
-7.5°	0	0	1	2	2	3	7	13	23	36	50
-10°	0	0	1	2	2	4	7	13	24	37	52
-12.5°	0	0	1	2	2	4	8	14	25	37	53
-15°	0	0	1	2	2	4	8	14	26	38	53
-17.5°	0	0	1	2	2	4	9	14	25	38	53
-20°	0	0	1	2	2	4	9	15	25	38	52

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REPORT NUMBER: P626756 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	2	2	4	9	15	25	37	51
-25°	0	0	1	2	2	4	9	15	24	36	49
-27.5°	0	0	1	2	2	4	9	15	24	35	48
-30°	0	0	1	2	2	5	8	15	23	34	47
-32.5°	0	0	1	2	2	5	8	15	23	33	45
-35°	0	0	1	2	2	5	8	14	22	32	43
-37.5°	0	0	1	2	2	5	8	14	21	31	42
-40°	0	0	1	2	2	5	8	13	20	30	41
-42.5°	0	0	1	2	3	5	8	13	19	28	40
-45°	0	0	1	2	3	5	8	12	18	27	38
-47.5°	0	0	1	2	3	5	8	12	17	25	36
-50°	0	0	1	2	3	5	8	11	17	24	33
-52.5°	0	0	1	2	3	5	7	11	16	22	30
-55°	0	0	1	2	3	4	7	10	15	21	28
-57.5°	0	0	1	2	3	4	7	10	14	20	26
-60°	0	0	1	2	3	4	6	9	13	18	24
-62.5°	0	0	1	2	3	4	6	9	12	17	22
-65°	0	0	1	2	3	4	6	8	11	15	20
-67.5°	0	0	1	2	2	3	5	7	10	13	18
-70°	0	0	1	2	2	3	4	6	9	11	15
-72.5°	0	0	1	2	2	3	4	5	7	10	13
-75°	0	0	1	1	2	3	4	5	6	8	10
-77.5°	0	0	1	1	2	3	3	4	5	6	8
-80°	0	0	1	1	2	2	3	4	5	6	7
-82.5°	0	0	0	1	1	2	2	3	4	5	5
-85°	0	0	0	0	1	1	2	2	3	3	4
-87.5°	0	0	0	0	0	1	1	1	1	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626756 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	1	0	0	0	0	0	0	0	0
65°	1	1	1	0	0	0	1	0	0	0	0
62.5°	1	1	1	1	1	1	1	1	0	0	1
60°	2	1	1	1	2	1	1	1	1	1	4
57.5°	2	1	1	2	2	2	2	2	5	9	10
55°	2	1	2	2	2	3	4	8	13	16	17
52.5°	2	2	2	3	4	6	10	15	20	23	27
50°	2	2	3	4	7	12	18	23	29	33	39
47.5°	3	3	5	7	12	19	26	33	39	46	55
45°	3	5	7	12	19	27	36	44	50	58	66
42.5°	4	7	11	17	27	37	47	53	60	69	79
40°	6	10	16	25	35	47	56	63	71	83	95
37.5°	9	15	21	32	45	57	65	74	85	99	113
35°	13	19	28	41	55	66	75	86	101	117	134
32.5°	16	22	35	49	63	74	85	101	117	134	158
30°	20	28	42	57	70	82	97	115	130	152	179
27.5°	23	34	49	64	77	90	109	126	144	169	202
25°	27	40	56	70	84	100	121	139	158	189	233
22.5°	32	46	62	76	90	110	133	155	180	211	266
20°	37	52	68	83	96	120	146	173	206	250	321
17.5°	42	57	73	89	106	131	160	192	233	287	392
15°	46	61	79	96	116	142	173	213	263	330	461
12.5°	50	65	84	103	124	152	185	229	288	385	549
10°	53	69	89	109	132	160	196	242	308	424	614
7.5°	56	73	94	115	138	168	205	253	325	454	665
5°	59	77	98	120	143	174	212	261	340	477	705
2.5°	61	82	101	124	147	179	218	269	355	495	738
0°	62	85	104	127	149	183	223	274	366	508	764
-2.5°	65	87	107	129	154	186	225	279	370	510	759
-5°	66	89	110	131	157	187	225	280	369	506	743
-7.5°	68	90	112	132	159	188	225	279	365	497	718
-10°	69	90	113	134	159	188	224	276	357	481	679
-12.5°	71	91	113	135	159	187	221	270	343	456	630
-15°	72	92	113	135	158	185	217	261	325	423	569
-17.5°	72	92	113	133	157	182	210	251	308	395	526
-20°	72	92	112	131	155	179	206	243	294	367	473

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CATALOG NUMBER: GFLD-SA1D-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°	71	91	111	129	152	175	201	233	276	336	422
-25°	70	90	110	128	149	172	194	223	260	313	384
-27.5°	67	88	107	126	145	167	189	214	247	288	345
-30°	64	86	105	123	142	163	183	205	233	269	315
-32.5°	61	83	101	120	138	158	177	197	222	251	287
-35°	58	79	98	115	134	153	171	190	210	236	267
-37.5°	57	75	94	111	128	147	165	182	201	222	250
-40°	55	71	90	107	123	141	158	175	192	213	234
-42.5°	53	69	86	103	118	134	151	167	184	203	223
-45°	51	65	82	98	113	128	144	159	176	194	213
-47.5°	48	62	78	91	106	122	137	152	167	184	202
-50°	44	57	72	85	99	114	129	144	159	173	189
-52.5°	41	52	66	79	92	104	120	135	150	164	178
-55°	37	48	60	73	85	97	110	126	140	154	168
-57.5°	34	43	54	67	79	90	103	116	130	144	157
-60°	31	39	48	60	72	83	95	107	120	133	146
-62.5°	28	35	43	52	63	75	86	98	110	121	132
-65°	25	31	37	45	54	64	75	87	98	107	117
-67.5°	22	27	32	38	46	55	64	74	84	93	102
-70°	19	23	28	33	39	46	54	62	70	79	87
-72.5°	16	20	24	28	33	39	45	52	59	66	74
-75°	13	16	19	23	27	32	37	43	49	54	60
-77.5°	10	13	16	18	21	25	29	34	39	43	48
-80°	8	10	12	14	17	19	22	25	29	32	36
-82.5°	6	8	9	10	12	14	16	18	21	23	26
-85°	5	5	6	7	8	9	10	11	13	15	17
-87.5°	2	3	3	3	4	4	5	5	6	7	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626756 (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	1	1	0	0	1	1	1	1	1
60°	4	3	4	5	5	4	5	6	6	5	5
57.5°	11	12	13	15	17	18	19	21	22	23	24
55°	20	23	28	30	33	38	42	43	43	44	47
52.5°	31	36	38	42	48	52	54	58	62	65	69
50°	46	49	54	60	66	70	71	78	85	91	95
47.5°	60	65	73	84	89	93	100	108	116	125	132
45°	73	82	93	102	109	117	126	136	149	161	171
42.5°	88	99	109	120	128	141	156	168	187	203	214
40°	106	116	132	145	161	177	203	227	251	279	299
37.5°	127	143	165	186	210	234	280	327	366	420	450
35°	152	177	208	239	277	336	404	495	589	668	744
32.5°	182	214	256	312	376	471	572	739	902	1065	1225
30°	211	257	322	399	504	654	844	1103	1383	1629	1851
27.5°	249	315	399	514	693	913	1264	1623	1980	2299	2528
25°	296	383	502	693	952	1316	1787	2227	2646	2959	3222
22.5°	363	494	663	906	1375	1882	2445	2999	3470	3864	4123
20°	446	624	907	1346	1898	2532	3257	3840	4419	4862	5258
17.5°	564	847	1246	1805	2464	3309	4055	4706	5442	5894	6298
15°	670	1034	1603	2315	3088	3983	4864	5660	6370	6868	7319
12.5°	804	1232	1886	2725	3569	4566	5482	6334	7030	7542	7858
10°	924	1435	2169	3046	3992	5033	5982	6870	7544	7939	8172
7.5°	1021	1604	2399	3321	4320	5368	6370	7251	7896	8227	8386
5°	1096	1730	2578	3547	4584	5657	6679	7542	8085	8359	8447
2.5°	1153	1817	2699	3696	4763	5870	6914	7764	8227	8425	8454
0°	1191	1878	2778	3789	4916	5946	7041	7904	8345	8503	8518
-2.5°	1182	1856	2775	3755	4898	5981	7061	7913	8385	8598	8632
-5°	1158	1804	2683	3659	4759	5843	6874	7773	8352	8673	8816
-7.5°	1111	1714	2525	3475	4533	5618	6669	7602	8268	8721	9000
-10°	1032	1582	2324	3243	4285	5320	6359	7327	8044	8589	8978
-12.5°	924	1403	2078	2914	3962	4927	5911	6839	7622	8294	8695
-15°	813	1217	1823	2588	3500	4451	5360	6270	7043	7671	8172
-17.5°	734	1054	1528	2197	2998	3900	4787	5623	6320	6911	7436
-20°	633	871	1247	1809	2514	3303	4152	4897	5519	6073	6575

Classified

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

Scaled Data Report



REPORT NUMBER: P626756 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	554	746	1017	1401	2035	2730	3425	4110	4695	5189	5617
-25°	481	616	828	1140	1552	2153	2738	3317	3857	4316	4702
-27.5°	424	531	673	895	1208	1558	2071	2555	3019	3439	3802
-30°	372	453	563	702	915	1175	1484	1845	2216	2547	2877
-32.5°	335	392	468	571	691	877	1063	1307	1541	1783	2020
-35°	302	348	399	468	550	659	782	930	1056	1214	1359
-37.5°	279	311	351	394	453	513	597	687	765	853	927
-40°	260	285	312	341	381	422	476	527	576	630	670
-42.5°	244	264	283	306	330	363	399	430	460	492	518
-45°	231	246	262	280	298	321	347	371	390	408	422
-47.5°	218	231	245	259	274	291	308	323	340	353	363
-50°	204	218	230	242	256	269	282	294	306	316	322
-52.5°	192	206	218	229	240	251	262	273	283	292	296
-55°	182	195	207	217	226	236	246	256	265	274	277
-57.5°	171	184	196	205	214	222	231	241	250	258	261
-60°	159	173	183	191	200	210	218	227	235	242	245
-62.5°	144	156	166	174	182	190	199	208	217	224	228
-65°	126	137	146	155	163	170	179	187	195	201	206
-67.5°	111	119	127	135	142	150	158	166	173	178	182
-70°	96	104	111	118	125	131	138	144	151	155	159
-72.5°	81	88	94	100	106	112	118	123	129	133	136
-75°	67	73	78	83	88	93	97	102	106	110	113
-77.5°	53	57	62	66	71	75	78	81	84	87	90
-80°	40	44	47	50	54	57	59	62	64	67	69
-82.5°	29	31	33	36	38	40	42	44	45	47	49
-85°	18	20	21	22	23	25	26	27	28	29	30
-87.5°	9	9	10	10	11	12	12	13	13	14	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626756 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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	2	1	1	1	1	1	1	1
60°	5	5	5	5	5	5	5	5	5	6	6
57.5°	23	21	20	18	20	21	23	24	23	22	21
55°	50	53	54	53	54	53	50	47	44	43	43
52.5°	71	72	72	70	72	72	71	69	65	62	58
50°	97	97	96	94	96	97	97	95	91	85	78
47.5°	136	138	139	139	139	138	136	132	125	116	108
45°	174	176	177	177	177	176	174	171	161	149	136
42.5°	219	223	224	223	224	223	219	214	203	187	168
40°	311	315	313	308	313	315	311	299	279	251	227
37.5°	471	486	492	493	492	486	471	450	420	366	327
35°	812	866	891	860	891	866	812	744	668	589	495
32.5°	1356	1452	1506	1506	1506	1452	1356	1225	1065	902	739
30°	2019	2139	2207	2222	2207	2139	2019	1851	1629	1383	1103
27.5°	2706	2831	2896	2886	2896	2831	2706	2528	2299	1980	1623
25°	3396	3491	3545	3547	3545	3491	3396	3222	2959	2646	2227
22.5°	4415	4614	4696	4717	4696	4614	4415	4123	3864	3470	2999
20°	5526	5719	5843	5850	5843	5719	5526	5258	4862	4419	3840
17.5°	6585	6680	6698	6706	6698	6680	6585	6298	5894	5442	4706
15°	7582	7616	7704	7715	7704	7616	7582	7319	6868	6370	5660
12.5°	8056	8087	8072	8031	8072	8087	8056	7858	7542	7030	6334
10°	8314	8271	8207	8130	8207	8271	8314	8172	7939	7544	6870
7.5°	8373	8325	8212	8099	8212	8325	8373	8386	8227	7896	7251
5°	8401	8260	8117	7980	8117	8260	8401	8447	8359	8085	7542
2.5°	8384	8217	8020	7874	8020	8217	8384	8454	8425	8227	7764
0°	8438	8268	8063	8008	8063	8268	8438	8518	8503	8345	7904
-2.5°	8587	8450	8342	8313	8342	8450	8587	8632	8598	8385	7913
-5°	8855	8824	8642	8685	8642	8824	8855	8816	8673	8352	7773
-7.5°	9113	9071	8993	9093	8993	9071	9113	9000	8721	8268	7602
-10°	9182	9168	9204	9293	9204	9168	9182	8978	8589	8044	7327
-12.5°	8971	9082	9206	9299	9206	9082	8971	8695	8294	7622	6839
-15°	8501	8727	8912	9000	8912	8727	8501	8172	7671	7043	6270
-17.5°	7808	8085	8305	8368	8305	8085	7808	7436	6911	6320	5623
-20°	6955	7237	7437	7517	7437	7237	6955	6575	6073	5519	4897



REPORT NUMBER: P626756 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	5995	6271	6452	6547	6452	6271	5995	5617	5189	4695	4110
-25°	5021	5263	5424	5466	5424	5263	5021	4702	4316	3857	3317
-27.5°	4089	4284	4402	4416	4402	4284	4089	3802	3439	3019	2555
-30°	3152	3333	3436	3490	3436	3333	3152	2877	2547	2216	1845
-32.5°	2214	2357	2444	2467	2444	2357	2214	2020	1783	1541	1307
-35°	1476	1565	1620	1631	1620	1565	1476	1359	1214	1056	930
-37.5°	987	1030	1057	1070	1057	1030	987	927	853	765	687
-40°	699	720	731	733	731	720	699	670	630	576	527
-42.5°	535	545	551	552	551	545	535	518	492	460	430
-45°	432	439	444	445	444	439	432	422	408	390	371
-47.5°	370	374	377	378	377	374	370	363	353	340	323
-50°	326	329	330	329	330	329	326	322	316	306	294
-52.5°	299	300	301	300	301	300	299	296	292	283	273
-55°	278	280	280	279	280	280	278	277	274	265	256
-57.5°	263	264	264	262	264	264	263	261	258	250	241
-60°	247	249	249	249	249	249	247	245	242	235	227
-62.5°	232	235	235	235	235	235	232	228	224	217	208
-65°	210	213	213	212	213	213	210	206	201	195	187
-67.5°	185	188	188	188	188	188	185	182	178	173	166
-70°	162	165	165	165	165	165	162	159	155	151	144
-72.5°	140	142	143	143	143	142	140	136	133	129	123
-75°	116	118	118	117	118	118	116	113	110	106	102
-77.5°	93	96	95	95	95	96	93	90	87	84	81
-80°	71	73	72	72	72	73	71	69	67	64	62
-82.5°	50	52	51	50	51	52	50	49	47	45	44
-85°	31	32	32	32	32	32	31	30	29	28	27
-87.5°	15	15	14	14	14	15	15	14	14	13	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626756 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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	1	1	0	0	1	0	0	1
60°	5	4	5	5	4	3	4	4	1	1	1
57.5°	19	18	17	15	13	12	11	10	9	5	2
55°	42	38	33	30	28	23	20	17	16	13	8
52.5°	54	52	48	42	38	36	31	27	23	20	15
50°	71	70	66	60	54	49	46	39	33	29	23
47.5°	100	93	89	84	73	65	60	55	46	39	33
45°	126	117	109	102	93	82	73	66	58	50	44
42.5°	156	141	128	120	109	99	88	79	69	60	53
40°	203	177	161	145	132	116	106	95	83	71	63
37.5°	280	234	210	186	165	143	127	113	99	85	74
35°	404	336	277	239	208	177	152	134	117	101	86
32.5°	572	471	376	312	256	214	182	158	134	117	101
30°	844	654	504	399	322	257	211	179	152	130	115
27.5°	1264	913	693	514	399	315	249	202	169	144	126
25°	1787	1316	952	693	502	383	296	233	189	158	139
22.5°	2445	1882	1375	906	663	494	363	266	211	180	155
20°	3257	2532	1898	1346	907	624	446	321	250	206	173
17.5°	4055	3309	2464	1805	1246	847	564	392	287	233	192
15°	4864	3983	3088	2315	1603	1034	670	461	330	263	213
12.5°	5482	4566	3569	2725	1886	1232	804	549	385	288	229
10°	5982	5033	3992	3046	2169	1435	924	614	424	308	242
7.5°	6370	5368	4320	3321	2399	1604	1021	665	454	325	253
5°	6679	5657	4584	3547	2578	1730	1096	705	477	340	261
2.5°	6914	5870	4763	3696	2699	1817	1153	738	495	355	269
0°	7041	5946	4916	3789	2778	1878	1191	764	508	366	274
-2.5°	7061	5981	4898	3755	2775	1856	1182	759	510	370	279
-5°	6874	5843	4759	3659	2683	1804	1158	743	506	369	280
-7.5°	6669	5618	4533	3475	2525	1714	1111	718	497	365	279
-10°	6359	5320	4285	3243	2324	1582	1032	679	481	357	276
-12.5°	5911	4927	3962	2914	2078	1403	924	630	456	343	270
-15°	5360	4451	3500	2588	1823	1217	813	569	423	325	261
-17.5°	4787	3900	2998	2197	1528	1054	734	526	395	308	251
-20°	4152	3303	2514	1809	1247	871	633	473	367	294	243

Classified

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

Scaled Data Report



REPORT NUMBER: P626756 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	3425	2730	2035	1401	1017	746	554	422	336	276	233
-25°	2738	2153	1552	1140	828	616	481	384	313	260	223
-27.5°	2071	1558	1208	895	673	531	424	345	288	247	214
-30°	1484	1175	915	702	563	453	372	315	269	233	205
-32.5°	1063	877	691	571	468	392	335	287	251	222	197
-35°	782	659	550	468	399	348	302	267	236	210	190
-37.5°	597	513	453	394	351	311	279	250	222	201	182
-40°	476	422	381	341	312	285	260	234	213	192	175
-42.5°	399	363	330	306	283	264	244	223	203	184	167
-45°	347	321	298	280	262	246	231	213	194	176	159
-47.5°	308	291	274	259	245	231	218	202	184	167	152
-50°	282	269	256	242	230	218	204	189	173	159	144
-52.5°	262	251	240	229	218	206	192	178	164	150	135
-55°	246	236	226	217	207	195	182	168	154	140	126
-57.5°	231	222	214	205	196	184	171	157	144	130	116
-60°	218	210	200	191	183	173	159	146	133	120	107
-62.5°	199	190	182	174	166	156	144	132	121	110	98
-65°	179	170	163	155	146	137	126	117	107	98	87
-67.5°	158	150	142	135	127	119	111	102	93	84	74
-70°	138	131	125	118	111	104	96	87	79	70	62
-72.5°	118	112	106	100	94	88	81	74	66	59	52
-75°	97	93	88	83	78	73	67	60	54	49	43
-77.5°	78	75	71	66	62	57	53	48	43	39	34
-80°	59	57	54	50	47	44	40	36	32	29	25
-82.5°	42	40	38	36	33	31	29	26	23	21	18
-85°	26	25	23	22	21	20	18	17	15	13	11
-87.5°	12	12	11	10	10	9	9	8	7	6	5
-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: P626756 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-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	1	0	0	0	0	0	0
65°	1	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	2	1	1	1	2	1	1	1	1
57.5°	2	2	2	2	1	1	2	2	1	1	1
55°	4	3	2	2	2	1	2	2	2	1	1
52.5°	10	6	4	3	2	2	2	2	2	1	2
50°	18	12	7	4	3	2	2	2	2	2	2
47.5°	26	19	12	7	5	3	3	2	2	2	2
45°	36	27	19	12	7	5	3	2	2	2	2
42.5°	47	37	27	17	11	7	4	3	2	2	2
40°	56	47	35	25	16	10	6	4	3	2	2
37.5°	65	57	45	32	21	15	9	4	3	2	2
35°	75	66	55	41	28	19	13	6	4	3	2
32.5°	85	74	63	49	35	22	16	9	5	4	2
30°	97	82	70	57	42	28	20	12	7	4	2
27.5°	109	90	77	64	49	34	23	15	8	5	3
25°	121	100	84	70	56	40	27	18	10	6	3
22.5°	133	110	90	76	62	46	32	21	13	7	4
20°	146	120	96	83	68	52	37	24	15	9	4
17.5°	160	131	106	89	73	57	42	27	16	10	5
15°	173	142	116	96	79	61	46	31	18	11	6
12.5°	185	152	124	103	84	65	50	34	20	13	7
10°	196	160	132	109	89	69	53	37	22	14	8
7.5°	205	168	138	115	94	73	56	39	25	15	9
5°	212	174	143	120	98	77	59	41	27	15	10
2.5°	218	179	147	124	101	82	61	43	30	16	11
0°	223	183	149	127	104	85	62	44	32	17	12
-2.5°	225	186	154	129	107	87	65	47	33	19	13
-5°	225	187	157	131	110	89	66	49	35	21	13
-7.5°	225	188	159	132	112	90	68	50	36	23	13
-10°	224	188	159	134	113	90	69	52	37	24	13
-12.5°	221	187	159	135	113	91	71	53	37	25	14
-15°	217	185	158	135	113	92	72	53	38	26	14
-17.5°	210	182	157	133	113	92	72	53	38	25	14
-20°	206	179	155	131	112	92	72	52	38	25	15

Classified

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

Scaled Data Report



REPORT NUMBER: P626756 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	201	175	152	129	111	91	71	51	37	25	15
-25°	194	172	149	128	110	90	70	49	36	24	15
-27.5°	189	167	145	126	107	88	67	48	35	24	15
-30°	183	163	142	123	105	86	64	47	34	23	15
-32.5°	177	158	138	120	101	83	61	45	33	23	15
-35°	171	153	134	115	98	79	58	43	32	22	14
-37.5°	165	147	128	111	94	75	57	42	31	21	14
-40°	158	141	123	107	90	71	55	41	30	20	13
-42.5°	151	134	118	103	86	69	53	40	28	19	13
-45°	144	128	113	98	82	65	51	38	27	18	12
-47.5°	137	122	106	91	78	62	48	36	25	17	12
-50°	129	114	99	85	72	57	44	33	24	17	11
-52.5°	120	104	92	79	66	52	41	30	22	16	11
-55°	110	97	85	73	60	48	37	28	21	15	10
-57.5°	103	90	79	67	54	43	34	26	20	14	10
-60°	95	83	72	60	48	39	31	24	18	13	9
-62.5°	86	75	63	52	43	35	28	22	17	12	9
-65°	75	64	54	45	37	31	25	20	15	11	8
-67.5°	64	55	46	38	32	27	22	18	13	10	7
-70°	54	46	39	33	28	23	19	15	11	9	6
-72.5°	45	39	33	28	24	20	16	13	10	7	5
-75°	37	32	27	23	19	16	13	10	8	6	5
-77.5°	29	25	21	18	16	13	10	8	6	5	4
-80°	22	19	17	14	12	10	8	7	6	5	4
-82.5°	16	14	12	10	9	8	6	5	5	4	3
-85°	10	9	8	7	6	5	5	4	3	3	2
-87.5°	5	4	4	3	3	3	2	2	2	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: P626756 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	1	1	0	0	0	0
62.5°	0	1	1	0	0	0	0
60°	0	1	1	1	0	0	0
57.5°	1	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°	2	1	1	1	1	0	0
45°	2	1	1	1	1	0	0
42.5°	2	1	1	1	1	0	0
40°	2	1	1	2	1	0	0
37.5°	2	1	1	2	1	0	0
35°	2	2	1	2	1	0	0
32.5°	3	2	1	2	1	0	0
30°	3	2	1	2	1	0	0
27.5°	3	2	2	2	1	0	0
25°	3	2	2	2	1	0	0
22.5°	3	2	2	2	1	0	0
20°	3	3	2	2	1	0	0
17.5°	3	3	2	2	1	0	0
15°	3	3	2	2	1	0	0
12.5°	3	3	2	2	1	0	0
10°	4	3	2	2	1	0	0
7.5°	4	3	2	2	1	0	0
5°	4	3	2	2	1	0	0
2.5°	4	3	2	2	1	0	0
0°	5	3	2	2	2	0	0
-2.5°	5	3	2	2	1	0	0
-5°	6	3	2	2	1	0	0
-7.5°	7	3	2	2	1	0	0
-10°	7	4	2	2	1	0	0
-12.5°	8	4	2	2	1	0	0
-15°	8	4	2	2	1	0	0
-17.5°	9	4	2	2	1	0	0
-20°	9	4	2	2	1	0	0

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REPORT NUMBER: P626756 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	9	4	2	2	1	0	0
-25°	9	4	2	2	1	0	0
-27.5°	9	4	2	2	1	0	0
-30°	8	5	2	2	1	0	0
-32.5°	8	5	2	2	1	0	0
-35°	8	5	2	2	1	0	0
-37.5°	8	5	2	2	1	0	0
-40°	8	5	2	2	1	0	0
-42.5°	8	5	3	2	1	0	0
-45°	8	5	3	2	1	0	0
-47.5°	8	5	3	2	1	0	0
-50°	8	5	3	2	1	0	0
-52.5°	7	5	3	2	1	0	0
-55°	7	4	3	2	1	0	0
-57.5°	7	4	3	2	1	0	0
-60°	6	4	3	2	1	0	0
-62.5°	6	4	3	2	1	0	0
-65°	6	4	3	2	1	0	0
-67.5°	5	3	2	2	1	0	0
-70°	4	3	2	2	1	0	0
-72.5°	4	3	2	2	1	0	0
-75°	4	3	2	1	1	0	0
-77.5°	3	3	2	1	1	0	0
-80°	3	2	2	1	1	0	0
-82.5°	2	2	1	1	0	0	0
-85°	2	1	1	0	0	0	0
-87.5°	1	1	0	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)