

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: P626764 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626764 (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-SA1E-722-U-MR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5429 lumens
Efficiency: N/A
Efficacy: 82.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 19141.8 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 2714.6 lumens
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 4664.5 lumens
Field Efficiency: 85.9%

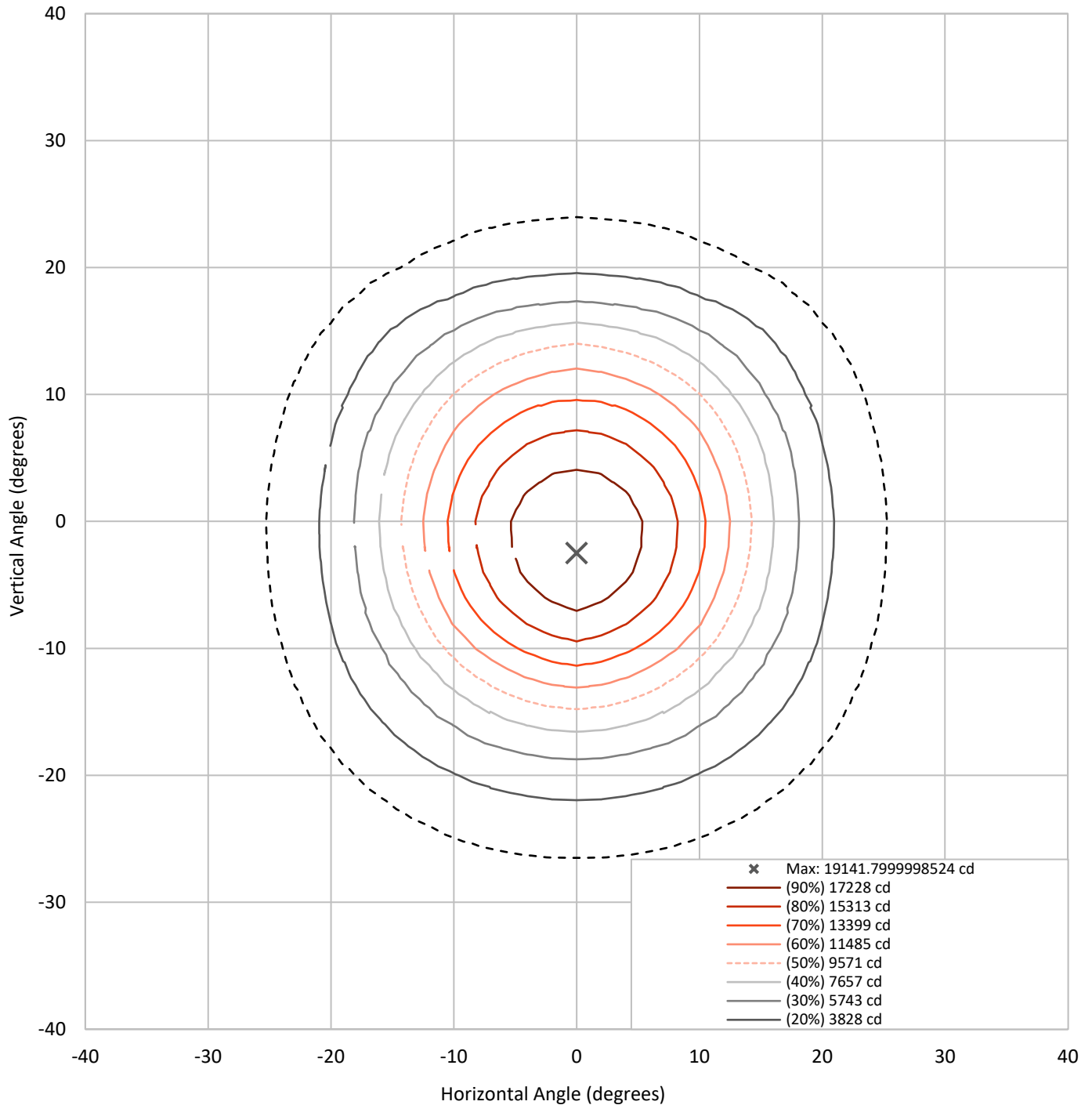
Input Watts (W): 66.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P626764 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-MR-VSR-XX

Iso-Candela Plot





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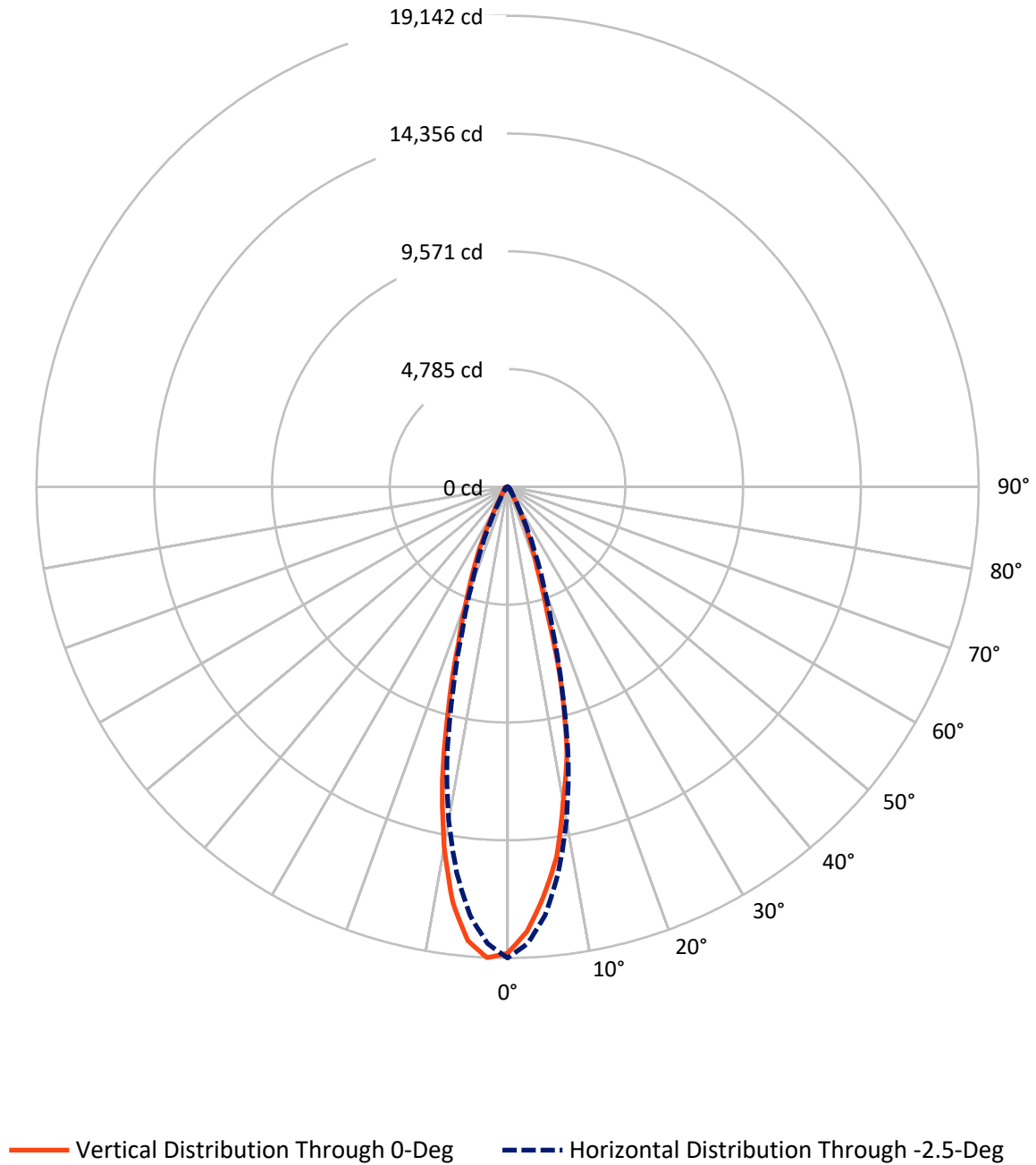
CATALOG NUMBER: GFLD-SA1E-722-U-MR-VSR-XX

Lumen Table

90	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	0.0
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	0.0	0.0
70	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	0.0
60		0.0	0.0	0.2	0.4	0.6	0.9	1.0	1.0	0.9	0.6	0.4	0.2	0.0	0.0		
50	0.0	0.0	0.2	0.6	1.1	1.8	2.5	2.9	2.9	2.5	1.8	1.1	0.6	0.2	0.0	0.0	
40		0.1	0.5	1.2	2.1	3.5	5.9	7.8	7.8	5.9	3.5	2.1	1.2	0.5	0.1		
30	0.0	0.2	0.7	1.8	3.4	8.2	25.8	47.3	47.3	25.8	8.2	3.4	1.8	0.7	0.2	0.0	
20		0.3	1.0	2.4	5.8	28.3	115.0	225.1	225.1	115.0	28.3	5.8	2.4	1.0	0.3		
10	0.1	0.3	1.2	2.9	8.3	53.9	232.1	455.0	455.0	232.1	53.9	8.3	2.9	1.2	0.3	0.1	
0		0.4	1.3	3.0	8.9	56.5	238.2	482.5	482.5	238.2	56.5	8.9	3.0	1.3	0.4		
-10	0.1	0.4	1.4	3.0	7.3	34.7	131.7	255.3	255.3	131.7	34.7	7.3	3.0	1.4	0.4	0.1	
-20		0.4	1.3	2.7	5.3	13.5	40.8	72.8	72.8	40.8	13.5	5.3	2.7	1.3	0.4		
-30	0.1	0.4	1.2	2.3	4.0	6.6	10.8	14.5	14.5	10.8	6.6	4.0	2.3	1.2	0.4	0.1	
-40		0.3	1.0	1.9	3.2	4.6	6.0	6.8	6.8	6.0	4.6	3.2	1.9	1.0	0.3		
-50	0.1	0.2	0.7	1.5	2.5	3.5	4.3	4.7	4.7	4.3	3.5	2.5	1.5	0.7	0.2	0.1	
-60		0.1	0.4	1.0	1.7	2.4	3.0	3.3	3.3	3.0	2.4	1.7	1.0	0.4	0.1		
-70	0.0	0.4	1.6	3.5	4.4	3.5	1.6	0.4	0.0								
-80		0.4	1.6	3.5	4.4	3.5	1.6	0.4									
-90	0.0	0.4	1.6	3.5	4.4	3.5	1.6	0.4	0.0								

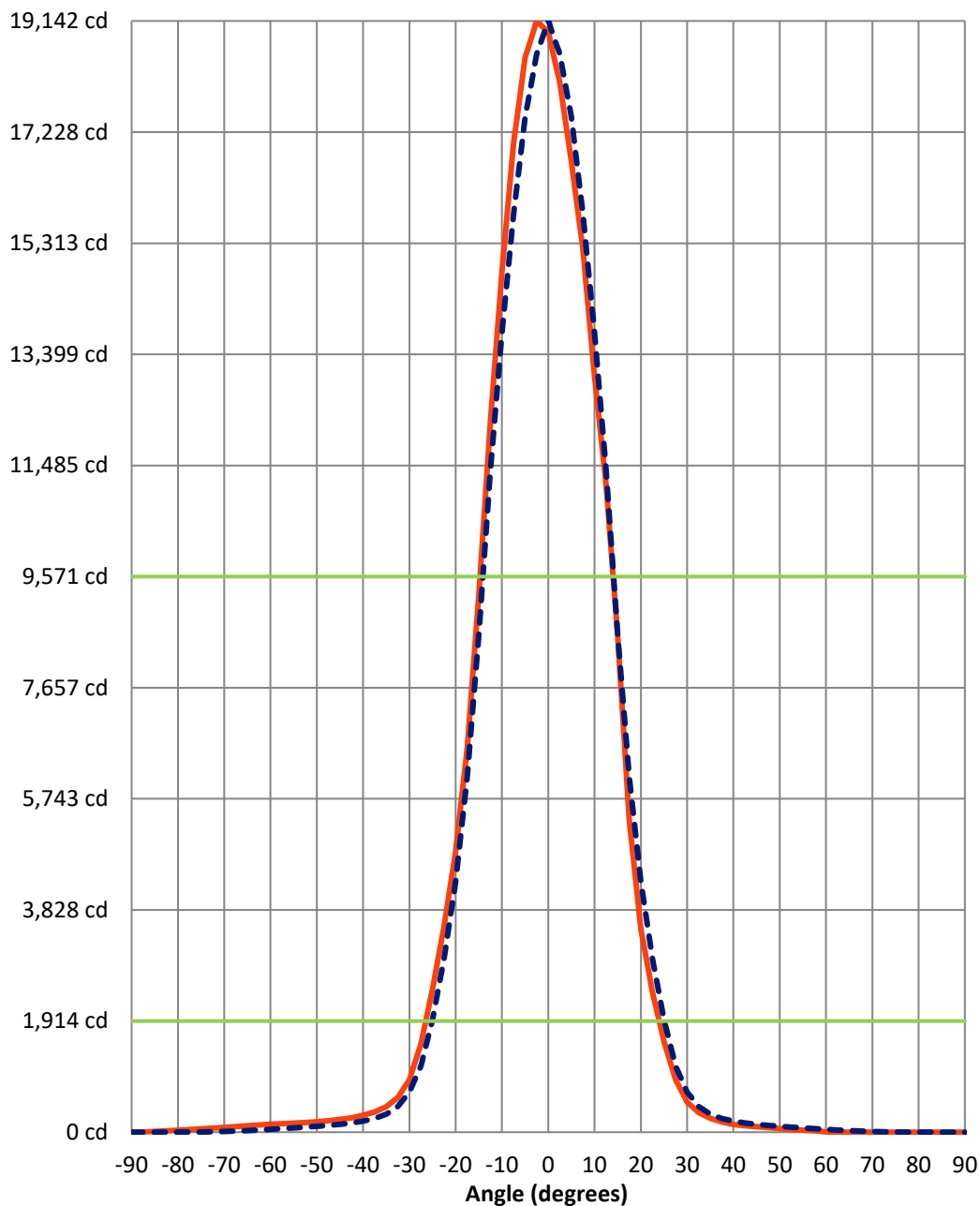
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 2714.6
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 4664.5
 Efficiency: 85.9%

Spill:
 Lumens: 764.5
 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	3	6	10
25°	0	0	0	0	1	1	1	2	4	7	11
22.5°	0	0	0	0	1	1	1	3	5	9	13
20°	0	0	0	0	1	1	1	3	6	10	16
17.5°	0	0	0	0	1	1	1	3	7	11	17
15°	0	0	0	0	1	1	1	4	7	13	19
12.5°	0	0	0	0	1	1	2	5	8	14	21
10°	0	0	0	0	1	1	2	5	9	15	22
7.5°	0	0	0	0	1	1	2	6	9	16	23
5°	0	0	0	0	1	1	2	6	10	18	25
2.5°	0	0	0	0	1	1	2	7	10	18	26
0°	0	0	0	0	1	1	2	7	11	19	26
-2.5°	0	0	0	0	1	1	3	7	12	20	27
-5°	0	0	0	0	1	1	3	7	13	21	28
-7.5°	0	0	0	0	1	2	4	8	14	21	28
-10°	0	0	0	0	1	2	4	8	14	21	29
-12.5°	0	0	0	0	1	2	4	8	15	22	29
-15°	0	0	0	0	1	2	5	8	15	22	30
-17.5°	0	0	0	0	1	2	5	8	15	22	30
-20°	0	0	0	1	1	2	5	8	14	22	30

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REPORT NUMBER: P626764 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-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	14	22	30
-25°	0	0	0	1	1	2	5	9	14	21	29
-27.5°	0	0	0	1	1	2	5	9	13	21	28
-30°	0	0	0	1	1	2	5	9	13	20	27
-32.5°	0	0	0	1	1	2	5	9	13	19	26
-35°	0	0	0	0	1	2	5	9	13	18	25
-37.5°	0	0	0	0	2	2	5	9	13	18	24
-40°	0	0	0	0	2	3	5	8	12	17	24
-42.5°	0	0	0	0	2	3	5	8	12	17	23
-45°	0	0	0	0	1	3	5	8	11	16	22
-47.5°	0	0	0	0	1	3	4	7	11	15	21
-50°	0	0	0	0	1	3	4	7	10	14	19
-52.5°	0	0	0	0	1	2	4	6	10	13	18
-55°	0	0	0	0	1	2	4	6	9	12	16
-57.5°	0	0	0	0	1	2	3	5	8	11	15
-60°	0	0	0	0	1	2	3	5	7	10	13
-62.5°	0	0	0	0	1	2	3	4	6	9	12
-65°	0	0	0	0	1	2	3	4	6	8	10
-67.5°	0	0	0	0	1	1	2	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	1	2	2	3	4
-80°	0	0	0	0	0	1	1	1	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: P626764 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-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	5	7
55°	0	1	1	1	2	3	4	6	8	11	13
52.5°	1	1	1	2	3	5	8	11	14	16	18
50°	1	1	2	4	6	9	12	16	19	22	25
47.5°	2	2	4	6	9	13	18	22	24	29	34
45°	2	3	6	9	13	19	23	26	31	36	41
42.5°	3	5	9	12	19	24	28	33	38	43	49
40°	5	7	12	17	24	29	34	39	44	51	57
37.5°	6	10	15	22	28	34	40	46	52	59	66
35°	8	13	19	26	33	40	46	53	61	69	76
32.5°	10	16	22	30	37	45	52	61	69	78	87
30°	12	19	26	34	42	50	59	69	77	86	97
27.5°	15	21	29	37	46	55	66	75	84	95	106
25°	18	24	32	41	50	60	72	82	91	103	116
22.5°	20	27	36	44	54	66	78	89	100	111	126
20°	22	30	40	48	58	71	84	96	109	123	140
17.5°	25	33	43	52	63	76	90	103	117	135	156
15°	27	36	46	56	68	81	96	111	127	147	172
12.5°	29	38	49	60	72	86	101	116	135	159	190
10°	31	41	52	64	76	90	105	122	142	168	204
7.5°	32	43	55	67	79	94	109	126	147	175	215
5°	34	45	57	69	82	97	112	130	152	181	224
2.5°	35	47	59	71	84	99	114	132	155	186	231
0°	36	48	60	72	86	100	116	134	157	190	235
-2.5°	37	50	62	74	87	101	117	135	159	192	236
-5°	38	51	63	75	88	102	118	136	160	192	237
-7.5°	39	52	63	76	89	103	118	136	160	192	236
-10°	39	52	64	76	90	104	118	136	160	190	233
-12.5°	40	53	64	77	90	104	118	135	157	186	225
-15°	40	53	64	77	90	103	117	133	154	181	215
-17.5°	41	52	64	76	89	103	116	131	150	176	209
-20°	41	52	64	75	88	102	114	129	147	170	199

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CATALOG NUMBER: GFLD-SA1E-722-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°	40	52	63	74	87	100	113	127	143	163	189
-25°	40	51	62	73	85	97	110	123	139	157	180
-27.5°	39	50	61	71	83	95	107	120	135	151	171
-30°	37	49	59	70	81	92	104	117	130	145	163
-32.5°	35	47	57	68	79	90	100	112	125	138	154
-35°	34	45	55	65	76	87	97	107	120	132	146
-37.5°	33	43	53	63	73	83	93	103	114	126	138
-40°	32	40	50	60	69	80	89	98	108	120	131
-42.5°	30	39	48	57	66	75	85	94	103	114	125
-45°	29	37	45	54	63	71	80	90	99	108	119
-47.5°	27	35	43	51	60	68	76	85	94	103	112
-50°	26	33	40	48	56	64	72	80	88	98	106
-52.5°	24	30	37	44	52	60	68	76	83	91	99
-55°	21	28	34	41	47	55	63	70	78	85	93
-57.5°	19	25	31	37	43	49	57	65	72	79	86
-60°	17	22	27	33	39	45	51	58	65	72	79
-62.5°	15	19	24	29	35	40	46	52	59	65	70
-65°	13	17	21	25	30	35	40	46	52	57	61
-67.5°	11	14	17	21	25	29	34	39	44	49	53
-70°	10	12	14	17	21	24	28	32	36	40	44
-72.5°	8	10	12	14	17	20	23	26	30	33	36
-75°	7	8	10	11	13	16	19	21	24	27	30
-77.5°	5	6	8	9	10	12	14	17	19	21	23
-80°	4	5	6	7	8	9	11	12	14	15	17
-82.5°	2	3	4	5	6	6	7	8	9	10	12
-85°	1	2	2	3	3	4	4	4	5	6	7
-87.5°	1	1	1	1	1	2	2	2	2	2	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626764 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-U-MR-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	1	1	1	1	1	2	2	2	2	2
60°	3	3	5	6	5	4	6	7	6	6	5
57.5°	8	11	12	13	14	17	18	17	17	18	20
55°	15	16	18	20	23	25	27	28	29	31	33
52.5°	20	23	25	27	31	33	33	37	40	42	43
50°	29	32	35	38	41	44	46	50	54	58	61
47.5°	38	41	45	50	54	57	60	64	70	75	78
45°	46	50	55	60	64	68	73	78	84	89	92
42.5°	53	58	64	69	73	79	85	91	98	104	109
40°	62	67	75	80	85	91	101	109	118	125	130
37.5°	73	81	89	96	102	110	123	136	147	157	164
35°	85	94	105	112	122	137	153	171	189	204	216
32.5°	97	107	118	130	144	165	186	215	241	269	294
30°	107	119	132	147	171	200	234	278	326	373	427
27.5°	118	132	147	171	207	247	309	378	477	556	684
25°	131	145	167	205	255	325	433	556	761	935	1132
22.5°	145	168	198	246	329	455	624	893	1206	1497	1775
20°	163	194	246	322	441	635	955	1363	1798	2224	2636
17.5°	187	236	310	419	587	994	1470	2053	2800	3360	3892
15°	209	271	382	559	875	1399	2065	2958	3962	4807	5762
12.5°	235	310	443	673	1125	1818	2666	3731	4920	6202	7699
10°	258	350	522	837	1386	2192	3143	4392	5920	7734	9626
7.5°	275	383	587	960	1605	2499	3633	5153	7087	9208	11365
5°	289	408	638	1057	1792	2748	3991	5754	7959	10393	12538
2.5°	299	426	672	1116	1918	2918	4235	6074	8493	11167	13420
0°	307	437	691	1158	1977	2999	4348	6203	8743	11546	13863
-2.5°	310	443	692	1144	1941	2994	4322	6124	8570	11396	13769
-5°	311	440	674	1113	1878	2886	4149	5823	8043	10694	13099
-7.5°	309	429	639	1039	1736	2697	3907	5377	7197	9533	12019
-10°	301	408	591	937	1540	2401	3531	4773	6227	8134	10148
-12.5°	286	377	525	786	1310	2066	3067	4165	5298	6551	8208
-15°	268	346	471	694	1097	1714	2525	3452	4392	5352	6363
-17.5°	254	318	416	571	842	1341	1990	2735	3497	4260	4940
-20°	237	286	362	483	679	975	1462	2042	2612	3234	3755

Classified

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

Scaled Data Report



REPORT NUMBER: P626764 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-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°	221	263	320	396	528	736	1014	1422	1855	2307	2735
-25°	206	238	283	344	423	547	731	944	1248	1526	1844
-27.5°	194	221	251	297	356	424	537	661	821	953	1165
-30°	182	203	229	258	302	353	414	489	567	645	747
-32.5°	171	189	209	232	259	298	336	384	427	474	522
-35°	160	176	192	211	232	257	285	317	346	374	400
-37.5°	151	164	178	193	210	227	250	272	291	310	325
-40°	143	154	166	178	191	206	223	239	252	264	274
-42.5°	136	145	155	165	176	189	203	215	224	232	239
-45°	129	137	146	154	163	175	186	196	203	209	214
-47.5°	121	129	137	144	153	162	172	179	185	190	194
-50°	114	122	129	135	143	151	159	165	171	175	178
-52.5°	107	114	121	128	134	141	147	153	158	163	165
-55°	100	107	114	120	126	132	138	143	148	152	154
-57.5°	94	101	107	112	118	123	128	134	138	143	144
-60°	86	93	99	104	109	114	119	123	128	132	134
-62.5°	77	83	89	93	98	103	107	111	115	119	121
-65°	66	72	77	82	86	90	94	98	101	104	105
-67.5°	57	61	65	70	74	78	81	85	88	90	91
-70°	48	52	56	59	63	67	70	73	76	78	79
-72.5°	40	43	47	50	53	56	59	62	64	66	67
-75°	32	35	38	41	44	46	49	51	53	54	55
-77.5°	26	28	30	32	34	36	38	40	41	43	44
-80°	19	21	22	24	26	27	28	30	31	32	33
-82.5°	13	14	15	17	18	19	20	20	21	22	22
-85°	7	8	9	10	11	11	12	12	13	13	14
-87.5°	3	3	4	4	4	4	5	5	5	5	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626764 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-722-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	5	6	6	7
57.5°	22	24	25	25	25	24	22	20	18	17	17
55°	34	35	36	35	36	35	34	33	31	29	28
52.5°	44	44	44	43	44	44	44	43	42	40	37
50°	61	61	61	62	61	61	61	61	58	54	50
47.5°	79	80	80	80	80	80	79	78	75	70	64
45°	94	95	96	95	96	95	94	92	89	84	78
42.5°	111	111	112	112	112	111	111	109	104	98	91
40°	132	133	133	133	133	133	132	130	125	118	109
37.5°	169	172	173	176	173	172	169	164	157	147	136
35°	226	233	236	241	236	233	226	216	204	189	171
32.5°	313	325	332	339	332	325	313	294	269	241	215
30°	465	490	500	518	500	490	465	427	373	326	278
27.5°	778	837	860	909	860	837	778	684	556	477	378
25°	1311	1438	1508	1563	1508	1438	1311	1132	935	761	556
22.5°	2055	2241	2341	2414	2341	2241	2055	1775	1497	1206	893
20°	3010	3255	3402	3509	3402	3255	3010	2636	2224	1798	1363
17.5°	4574	4960	5186	5380	5186	4960	4574	3892	3360	2800	2053
15°	6829	7605	8208	8544	8208	7605	6829	5762	4807	3962	2958
12.5°	9022	10159	10834	11145	10834	10159	9022	7699	6202	4920	3731
10°	11191	12263	12906	13019	12906	12263	11191	9626	7734	5920	4392
7.5°	12851	14030	14884	15195	14884	14030	12851	11365	9208	7087	5153
5°	14318	15699	16602	16717	16602	15699	14318	12538	10393	7959	5754
2.5°	15397	16898	17774	18075	17774	16898	15397	13420	11167	8493	6074
0°	15919	17535	18510	18949	18510	17535	15919	13863	11546	8743	6203
-2.5°	15809	17481	18569	19142	18569	17481	15809	13769	11396	8570	6124
-5°	15208	16885	17899	18508	17899	16885	15208	13099	10694	8043	5823
-7.5°	13822	15390	16470	17031	16470	15390	13822	12019	9533	7197	5377
-10°	12036	13363	14347	14826	14347	13363	12036	10148	8134	6227	4773
-12.5°	9715	11002	11890	12228	11890	11002	9715	8208	6551	5298	4165
-15°	7443	8425	9057	9256	9057	8425	7443	6363	5352	4392	3452
-17.5°	5645	6173	6528	6624	6528	6173	5645	4940	4260	3497	2735
-20°	4229	4557	4787	4842	4787	4557	4229	3755	3234	2612	2042

Classified

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

Scaled Data Report



REPORT NUMBER: P626764 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-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°	3081	3328	3514	3551	3514	3328	3081	2735	2307	1855	1422
-25°	2125	2331	2458	2467	2458	2331	2125	1844	1526	1248	944
-27.5°	1332	1446	1504	1525	1504	1446	1332	1165	953	821	661
-30°	823	876	903	904	903	876	823	747	645	567	489
-32.5°	559	584	598	598	598	584	559	522	474	427	384
-35°	419	432	439	440	439	432	419	400	374	346	317
-37.5°	337	344	348	348	348	344	337	325	310	291	272
-40°	282	287	290	292	290	287	282	274	264	252	239
-42.5°	244	247	248	247	248	247	244	239	232	224	215
-45°	217	219	220	221	220	219	217	214	209	203	196
-47.5°	196	197	197	198	197	197	196	194	190	185	179
-50°	179	180	180	180	180	180	179	178	175	171	165
-52.5°	166	166	166	166	166	166	166	165	163	158	153
-55°	155	155	155	156	155	155	155	154	152	148	143
-57.5°	145	146	146	146	146	146	145	144	143	138	134
-60°	135	137	137	137	137	137	135	134	132	128	123
-62.5°	122	123	124	124	124	123	122	121	119	115	111
-65°	107	108	109	111	109	108	107	105	104	101	98
-67.5°	93	94	95	96	95	94	93	91	90	88	85
-70°	80	82	82	82	82	82	80	79	78	76	73
-72.5°	68	70	70	70	70	70	68	67	66	64	62
-75°	57	58	58	58	58	58	57	55	54	53	51
-77.5°	45	46	46	46	46	46	45	44	43	41	40
-80°	34	35	34	34	34	35	34	33	32	31	30
-82.5°	23	24	23	23	23	24	23	22	22	21	20
-85°	14	14	14	13	14	14	14	14	13	13	12
-87.5°	6	6	5	5	5	6	6	5	5	5	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626764 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-722-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	14	13	12	11	8	7	5	4	2
55°	27	25	23	20	18	16	15	13	11	8	6
52.5°	33	33	31	27	25	23	20	18	16	14	11
50°	46	44	41	38	35	32	29	25	22	19	16
47.5°	60	57	54	50	45	41	38	34	29	24	22
45°	73	68	64	60	55	50	46	41	36	31	26
42.5°	85	79	73	69	64	58	53	49	43	38	33
40°	101	91	85	80	75	67	62	57	51	44	39
37.5°	123	110	102	96	89	81	73	66	59	52	46
35°	153	137	122	112	105	94	85	76	69	61	53
32.5°	186	165	144	130	118	107	97	87	78	69	61
30°	234	200	171	147	132	119	107	97	86	77	69
27.5°	309	247	207	171	147	132	118	106	95	84	75
25°	433	325	255	205	167	145	131	116	103	91	82
22.5°	624	455	329	246	198	168	145	126	111	100	89
20°	955	635	441	322	246	194	163	140	123	109	96
17.5°	1470	994	587	419	310	236	187	156	135	117	103
15°	2065	1399	875	559	382	271	209	172	147	127	111
12.5°	2666	1818	1125	673	443	310	235	190	159	135	116
10°	3143	2192	1386	837	522	350	258	204	168	142	122
7.5°	3633	2499	1605	960	587	383	275	215	175	147	126
5°	3991	2748	1792	1057	638	408	289	224	181	152	130
2.5°	4235	2918	1918	1116	672	426	299	231	186	155	132
0°	4348	2999	1977	1158	691	437	307	235	190	157	134
-2.5°	4322	2994	1941	1144	692	443	310	236	192	159	135
-5°	4149	2886	1878	1113	674	440	311	237	192	160	136
-7.5°	3907	2697	1736	1039	639	429	309	236	192	160	136
-10°	3531	2401	1540	937	591	408	301	233	190	160	136
-12.5°	3067	2066	1310	786	525	377	286	225	186	157	135
-15°	2525	1714	1097	694	471	346	268	215	181	154	133
-17.5°	1990	1341	842	571	416	318	254	209	176	150	131
-20°	1462	975	679	483	362	286	237	199	170	147	129

Classified

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

Scaled Data Report



REPORT NUMBER: P626764 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-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°	1014	736	528	396	320	263	221	189	163	143	127
-25°	731	547	423	344	283	238	206	180	157	139	123
-27.5°	537	424	356	297	251	221	194	171	151	135	120
-30°	414	353	302	258	229	203	182	163	145	130	117
-32.5°	336	298	259	232	209	189	171	154	138	125	112
-35°	285	257	232	211	192	176	160	146	132	120	107
-37.5°	250	227	210	193	178	164	151	138	126	114	103
-40°	223	206	191	178	166	154	143	131	120	108	98
-42.5°	203	189	176	165	155	145	136	125	114	103	94
-45°	186	175	163	154	146	137	129	119	108	99	90
-47.5°	172	162	153	144	137	129	121	112	103	94	85
-50°	159	151	143	135	129	122	114	106	98	88	80
-52.5°	147	141	134	128	121	114	107	99	91	83	76
-55°	138	132	126	120	114	107	100	93	85	78	70
-57.5°	128	123	118	112	107	101	94	86	79	72	65
-60°	119	114	109	104	99	93	86	79	72	65	58
-62.5°	107	103	98	93	89	83	77	70	65	59	52
-65°	94	90	86	82	77	72	66	61	57	52	46
-67.5°	81	78	74	70	65	61	57	53	49	44	39
-70°	70	67	63	59	56	52	48	44	40	36	32
-72.5°	59	56	53	50	47	43	40	36	33	30	26
-75°	49	46	44	41	38	35	32	30	27	24	21
-77.5°	38	36	34	32	30	28	26	23	21	19	17
-80°	28	27	26	24	22	21	19	17	15	14	12
-82.5°	20	19	18	17	15	14	13	12	10	9	8
-85°	12	11	11	10	9	8	7	7	6	5	4
-87.5°	5	4	4	4	4	3	3	3	2	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: P626764 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-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	3	2	1	1	1	1	1	1	0
50°	12	9	6	4	2	1	1	1	1	1	1
47.5°	18	13	9	6	4	2	2	1	1	1	1
45°	23	19	13	9	6	3	2	1	1	1	1
42.5°	28	24	19	12	9	5	3	2	1	1	1
40°	34	29	24	17	12	7	5	3	1	1	1
37.5°	40	34	28	22	15	10	6	4	2	1	1
35°	46	40	33	26	19	13	8	5	3	2	1
32.5°	52	45	37	30	22	16	10	7	4	2	1
30°	59	50	42	34	26	19	12	8	5	3	1
27.5°	66	55	46	37	29	21	15	10	6	3	2
25°	72	60	50	41	32	24	18	11	7	4	2
22.5°	78	66	54	44	36	27	20	13	9	5	3
20°	84	71	58	48	40	30	22	16	10	6	3
17.5°	90	76	63	52	43	33	25	17	11	7	3
15°	96	81	68	56	46	36	27	19	13	7	4
12.5°	101	86	72	60	49	38	29	21	14	8	5
10°	105	90	76	64	52	41	31	22	15	9	5
7.5°	109	94	79	67	55	43	32	23	16	9	6
5°	112	97	82	69	57	45	34	25	18	10	6
2.5°	114	99	84	71	59	47	35	26	18	10	7
0°	116	100	86	72	60	48	36	26	19	11	7
-2.5°	117	101	87	74	62	50	37	27	20	12	7
-5°	118	102	88	75	63	51	38	28	21	13	7
-7.5°	118	103	89	76	63	52	39	28	21	14	8
-10°	118	104	90	76	64	52	39	29	21	14	8
-12.5°	118	104	90	77	64	53	40	29	22	15	8
-15°	117	103	90	77	64	53	40	30	22	15	8
-17.5°	116	103	89	76	64	52	41	30	22	15	8
-20°	114	102	88	75	64	52	41	30	22	14	8

Classified

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

Scaled Data Report



REPORT NUMBER: P626764 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-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°	113	100	87	74	63	52	40	30	22	14	9
-25°	110	97	85	73	62	51	40	29	21	14	9
-27.5°	107	95	83	71	61	50	39	28	21	13	9
-30°	104	92	81	70	59	49	37	27	20	13	9
-32.5°	100	90	79	68	57	47	35	26	19	13	9
-35°	97	87	76	65	55	45	34	25	18	13	9
-37.5°	93	83	73	63	53	43	33	24	18	13	9
-40°	89	80	69	60	50	40	32	24	17	12	8
-42.5°	85	75	66	57	48	39	30	23	17	12	8
-45°	80	71	63	54	45	37	29	22	16	11	8
-47.5°	76	68	60	51	43	35	27	21	15	11	7
-50°	72	64	56	48	40	33	26	19	14	10	7
-52.5°	68	60	52	44	37	30	24	18	13	10	6
-55°	63	55	47	41	34	28	21	16	12	9	6
-57.5°	57	49	43	37	31	25	19	15	11	8	5
-60°	51	45	39	33	27	22	17	13	10	7	5
-62.5°	46	40	35	29	24	19	15	12	9	6	4
-65°	40	35	30	25	21	17	13	10	8	6	4
-67.5°	34	29	25	21	17	14	11	9	7	5	4
-70°	28	24	21	17	14	12	10	8	6	4	3
-72.5°	23	20	17	14	12	10	8	7	5	4	3
-75°	19	16	13	11	10	8	7	5	4	3	2
-77.5°	14	12	10	9	8	6	5	4	3	2	2
-80°	11	9	8	7	6	5	4	3	2	2	1
-82.5°	7	6	6	5	4	3	2	2	2	1	1
-85°	4	4	3	3	2	2	1	1	1	1	1
-87.5°	2	2	1	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: P626764 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-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°	4	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: P626764 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-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	2	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	1	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°	3	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°	2	1	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°	1	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)