

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: P626766 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626766 (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-SA1E-722-U-MWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5247.6 lumens
Efficiency: N/A
Efficacy: 79.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 7351.8 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 3514.8 lumens
Beam Efficiency: 67.0%

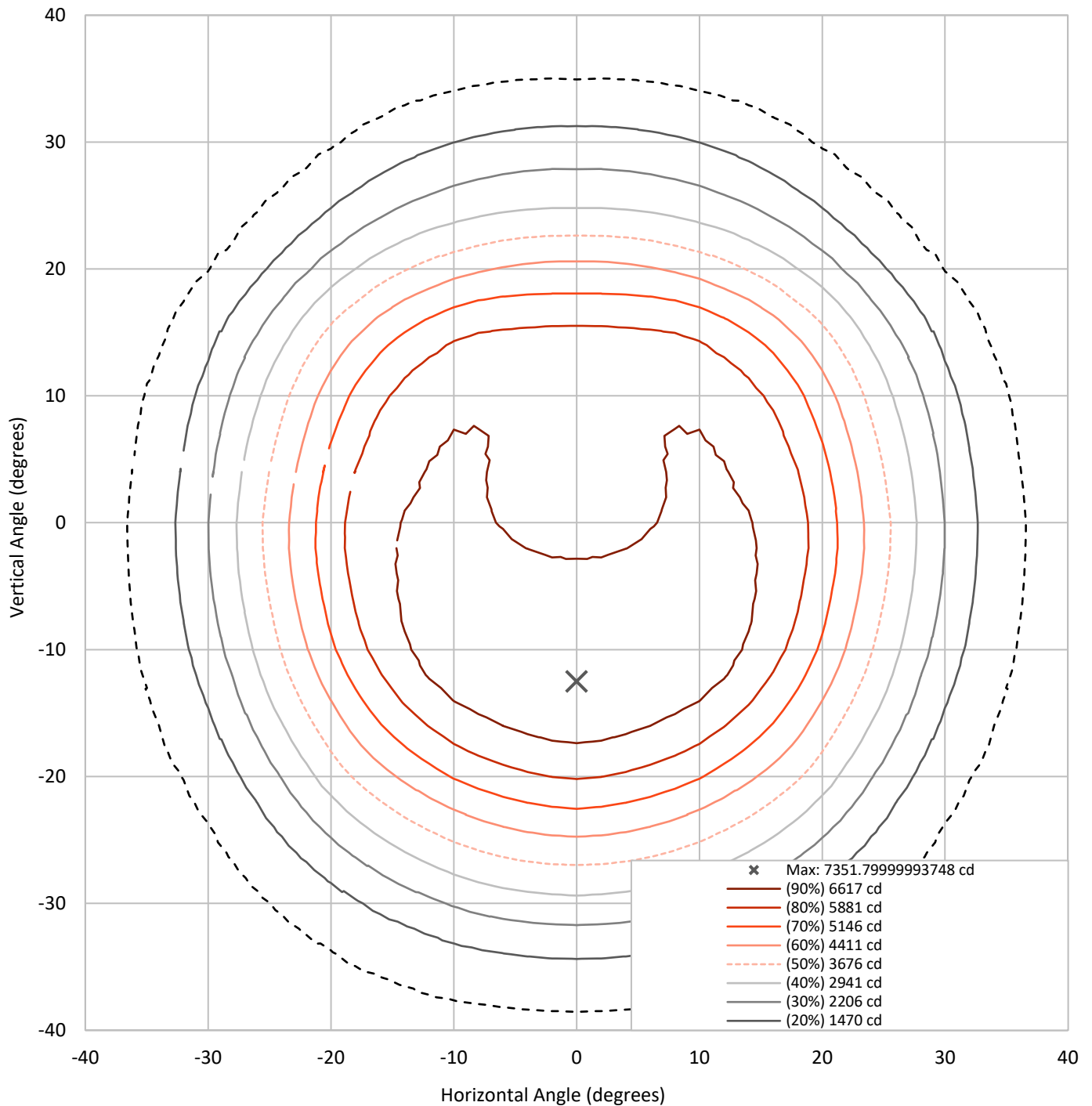
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 4732.4 lumens
Field Efficiency: 90.2%

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: P626766 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





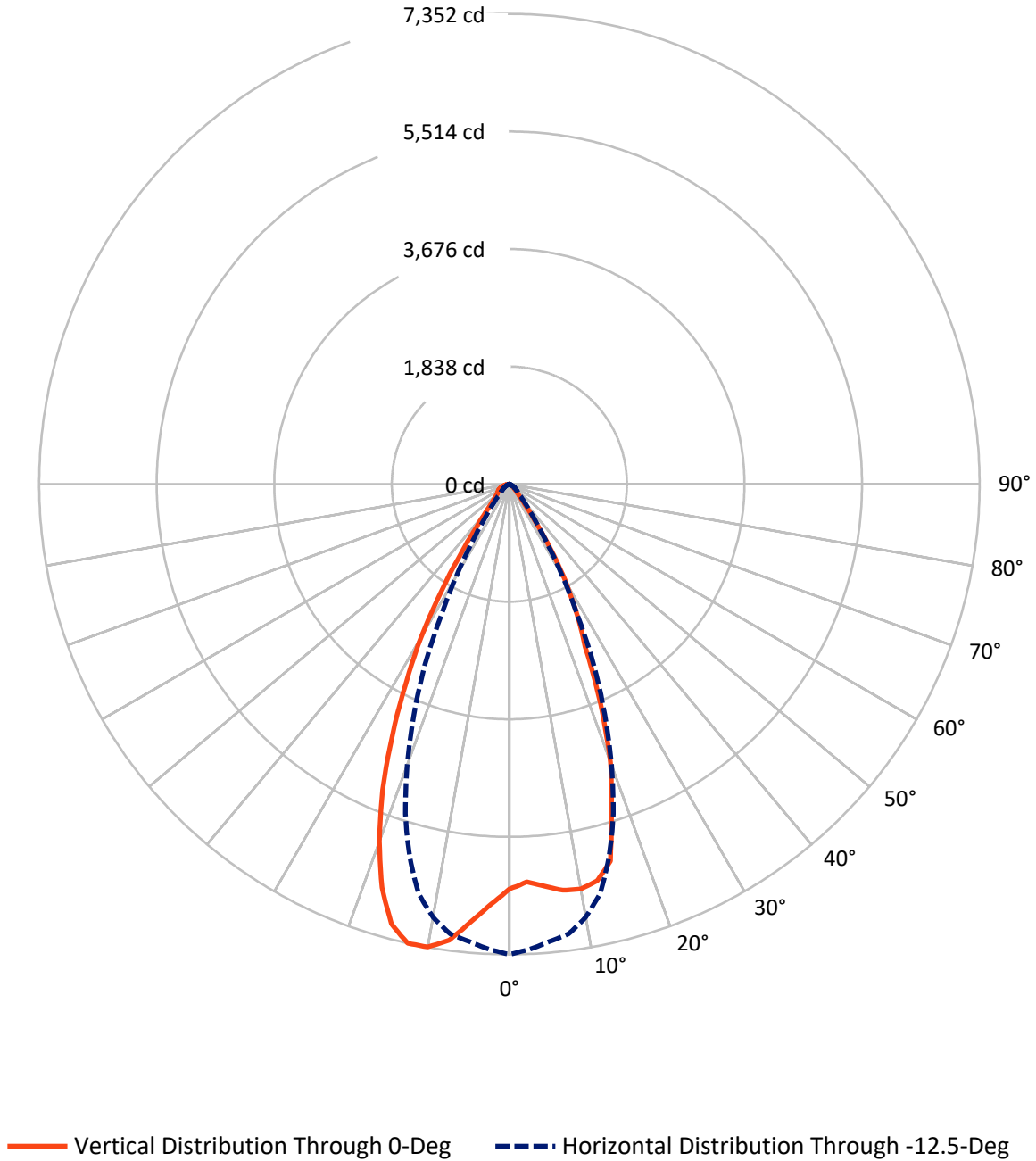
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Lumen Table

90																			
80	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	0.0				
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	0.4	0.7	1.0	1.2	1.2	1.0	0.7	0.4	0.2	0.0		0.0			
40	0.0	0.0	0.2	0.7	1.5	2.4	3.6	4.4	4.4	3.6	2.4	1.5	0.7	0.2	0.0	0.0			
30		0.1	0.6	1.5	3.1	6.8	15.5	23.7	23.7	15.5	6.8	3.1	1.5	0.6	0.1				
20	0.1	0.2	1.0	2.4	6.6	24.4	62.8	87.8	87.8	62.8	24.4	6.6	2.4	1.0	0.2	0.1			
10		0.3	1.4	3.8	15.7	67.7	141.3	175.0	175.0	141.3	67.7	15.7	3.8	1.4	0.3				
0	0.1	0.5	1.7	4.9	25.0	99.8	182.2	197.5	197.5	182.2	99.8	25.0	4.9	1.7	0.5	0.1			
-10		0.5	1.9	5.2	26.1	103.0	188.8	209.7	209.7	188.8	103.0	26.1	5.2	1.9	0.5				
-20	0.1	0.6	1.9	4.8	18.7	76.7	159.2	203.3	203.3	159.2	76.7	18.7	4.8	1.9	0.6	0.1			
-30		0.6	1.8	4.0	10.4	37.2	88.7	124.9	124.9	88.7	37.2	10.4	4.0	1.8	0.6				
-40	0.1	0.5	1.6	3.3	6.2	13.3	27.7	41.1	41.1	27.7	13.3	6.2	3.3	1.6	0.5	0.1			
-50		0.4	1.4	2.7	4.6	6.7	9.5	11.2	11.2	9.5	6.7	4.6	2.7	1.4	0.4				
-60	0.1	0.3	1.0	2.2	3.6	5.0	6.2	6.8	6.8	6.2	5.0	3.6	2.2	1.0	0.3	0.1			
-70		0.2	0.6	1.5	2.5	3.5	4.5	5.0	5.0	4.5	3.5	2.5	1.5	0.6	0.2				
-80	0.0	0.6		2.6	5.6		7.2	5.6		2.6	0.6		0.0						
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

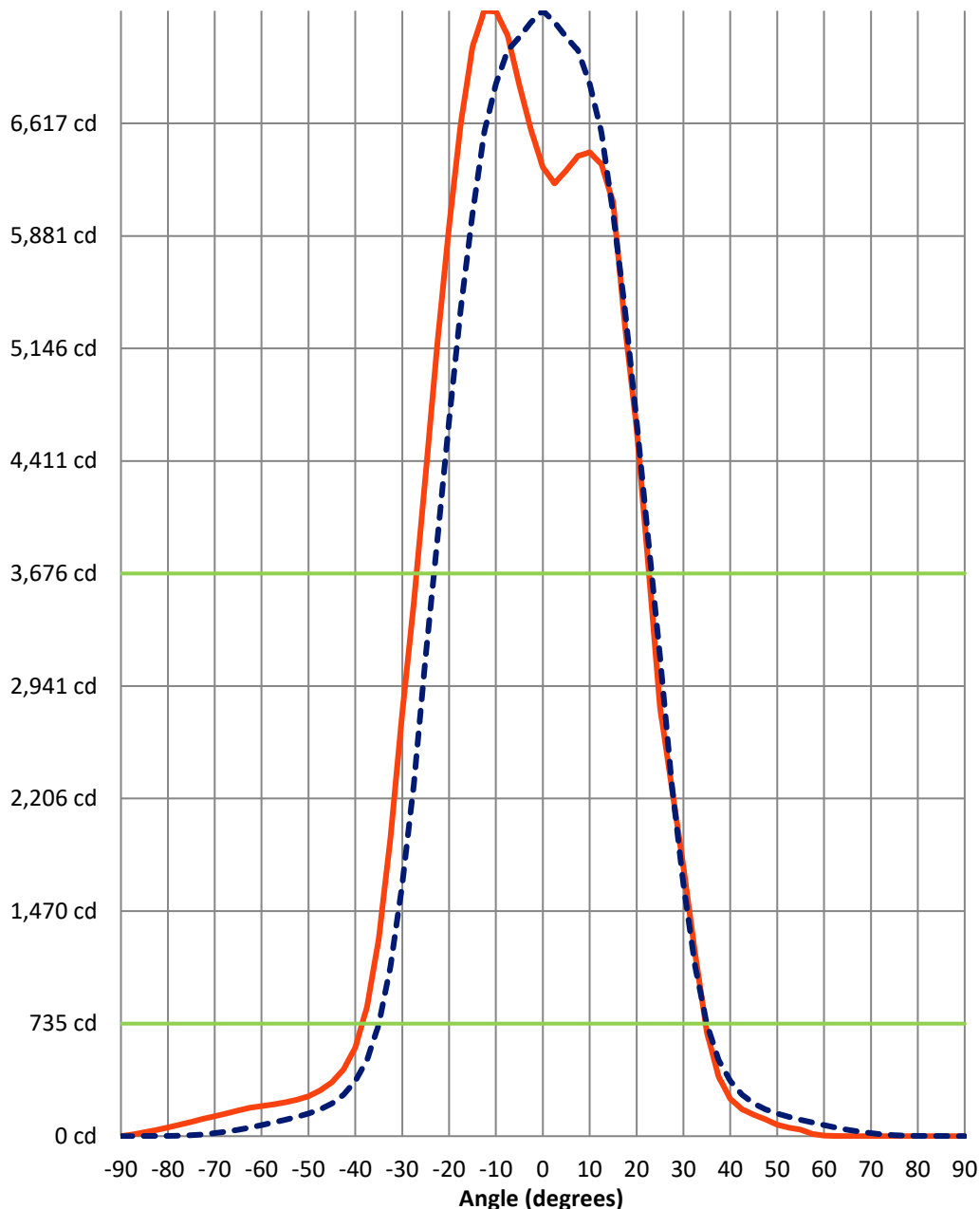
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 3514.8
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 4732.4
 Efficiency: 90.2%

Spill:
 Lumens: 515.2
 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	0	0	0	0	0	0	0
62.5°	0	0	0	0	1	0	0	0	1	1	1
60°	0	0	0	1	1	0	0	1	1	1	1
57.5°	0	0	0	1	1	1	0	1	1	1	1
55°	0	0	0	1	1	1	1	1	1	1	1
52.5°	0	0	0	1	1	1	1	1	1	1	1
50°	0	0	0	1	1	1	1	1	1	1	1
47.5°	0	0	0	1	1	1	1	1	1	1	2
45°	0	0	0	1	1	1	1	1	1	1	2
42.5°	0	0	1	1	1	1	1	2	1	2	2
40°	0	0	1	1	1	1	2	2	2	2	3
37.5°	0	0	1	1	1	1	2	2	2	3	3
35°	0	0	1	1	1	1	2	2	2	3	4
32.5°	0	0	1	1	1	1	2	2	3	4	7
30°	0	0	1	1	1	2	2	2	3	5	10
27.5°	0	0	1	1	1	2	2	2	4	6	12
25°	0	0	1	1	1	2	2	3	5	8	14
22.5°	0	0	1	1	1	2	2	3	6	10	17
20°	0	0	1	1	1	2	2	4	7	12	19
17.5°	0	0	1	1	1	2	2	4	8	13	22
15°	0	0	1	1	1	2	3	4	9	14	24
12.5°	0	0	1	1	1	2	3	5	10	15	27
10°	0	0	1	1	1	2	3	6	11	17	29
7.5°	0	0	1	1	1	2	3	7	12	19	31
5°	0	0	1	1	1	2	3	8	12	21	33
2.5°	0	0	1	1	1	2	3	9	13	23	34
0°	0	0	1	1	1	2	4	10	13	25	35
-2.5°	0	0	1	1	1	3	4	10	15	26	37
-5°	0	0	1	1	1	3	5	10	17	27	38
-7.5°	0	0	1	1	2	3	5	10	18	28	40
-10°	0	0	1	1	2	3	6	11	19	29	41
-12.5°	0	0	1	1	2	3	6	11	20	30	42
-15°	0	0	1	1	2	3	7	11	20	30	42
-17.5°	0	0	1	1	2	3	7	11	20	30	42
-20°	0	0	1	1	2	3	7	12	20	30	41

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Scaled Data Report



REPORT NUMBER: P626766 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	1	1	2	3	7	12	20	29	40
-25°	0	0	1	1	2	3	7	12	19	29	39
-27.5°	0	0	1	1	2	4	7	12	19	28	38
-30°	0	0	1	1	2	4	7	12	18	27	37
-32.5°	0	0	1	1	2	4	7	12	18	26	35
-35°	0	0	1	1	2	4	7	11	18	26	34
-37.5°	0	0	1	1	2	4	7	11	17	25	33
-40°	0	0	1	1	2	4	7	11	16	24	33
-42.5°	0	0	1	1	2	4	7	10	15	22	31
-45°	0	0	1	1	2	4	6	10	14	21	30
-47.5°	0	0	1	1	2	4	6	9	14	19	28
-50°	0	0	1	1	2	4	6	9	13	19	26
-52.5°	0	0	1	1	2	4	6	9	13	18	24
-55°	0	0	1	1	2	4	6	8	12	17	22
-57.5°	0	0	1	1	2	3	5	8	11	16	21
-60°	0	0	1	1	2	3	5	7	10	14	19
-62.5°	0	0	1	1	2	3	5	7	10	13	17
-65°	0	0	1	1	2	3	4	6	9	12	16
-67.5°	0	0	1	1	2	3	4	6	8	11	14
-70°	0	0	1	1	2	3	3	5	7	9	12
-72.5°	0	0	1	1	2	2	3	4	6	8	10
-75°	0	0	1	1	2	2	3	4	5	6	8
-77.5°	0	0	1	1	2	2	3	3	4	5	6
-80°	0	0	0	1	1	2	2	3	4	4	5
-82.5°	0	0	0	1	1	1	2	2	3	4	4
-85°	0	0	0	0	1	1	1	2	2	3	3
-87.5°	0	0	0	0	0	0	1	1	1	1	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626766 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	1	1	1	0	0	0	0	0	0	0	0
62.5°	1	1	1	0	1	1	1	0	0	0	0
60°	1	1	1	1	1	1	1	1	1	1	3
57.5°	1	1	1	1	1	1	1	2	4	7	8
55°	1	1	1	2	2	2	3	7	10	12	13
52.5°	1	1	2	2	3	5	8	12	15	18	21
50°	2	2	2	3	5	9	14	18	23	26	31
47.5°	2	3	4	5	10	15	21	26	31	36	43
45°	3	4	5	9	15	22	29	35	40	46	52
42.5°	3	6	9	13	21	29	37	42	48	55	62
40°	5	8	13	19	28	37	44	50	56	65	75
37.5°	7	12	17	26	36	45	52	58	67	78	89
35°	10	15	22	32	44	52	60	68	80	93	106
32.5°	13	18	28	39	50	59	67	80	92	106	125
30°	16	22	33	45	55	65	77	91	103	120	142
27.5°	18	27	39	51	61	71	86	100	114	134	160
25°	21	32	44	56	66	79	96	110	125	149	184
22.5°	25	37	49	60	71	87	105	123	142	167	210
20°	29	41	54	65	76	95	115	137	163	198	254
17.5°	33	45	58	71	84	103	126	152	184	227	310
15°	36	49	62	76	91	112	137	169	208	261	364
12.5°	39	52	66	81	98	120	147	181	227	304	434
10°	42	55	70	86	104	127	155	191	243	335	485
7.5°	44	58	74	91	109	133	162	200	257	359	526
5°	46	61	77	95	113	138	168	206	269	377	557
2.5°	48	65	80	98	116	142	173	212	280	391	583
0°	49	67	82	100	118	145	176	217	289	401	604
-2.5°	51	69	85	102	121	147	178	220	292	403	600
-5°	53	70	87	103	124	148	178	221	292	400	587
-7.5°	54	71	89	105	126	149	178	221	289	393	567
-10°	55	71	89	106	126	149	177	218	282	380	537
-12.5°	56	72	90	107	126	148	175	213	271	361	498
-15°	57	73	89	106	125	146	171	206	257	335	450
-17.5°	57	73	89	105	124	144	166	198	243	312	416
-20°	57	73	89	104	123	141	163	192	232	290	374

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CATALOG NUMBER: GFLD-SA1E-722-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°	56	72	88	102	120	139	159	184	218	266	333
-25°	55	71	87	101	118	136	154	176	206	248	304
-27.5°	53	70	85	100	115	132	149	169	195	228	273
-30°	51	68	83	98	112	129	145	162	185	213	249
-32.5°	48	65	80	95	109	125	140	156	175	199	227
-35°	46	62	77	91	106	121	135	150	166	187	211
-37.5°	45	59	75	88	102	116	130	144	159	175	197
-40°	43	56	71	85	97	111	125	138	152	168	185
-42.5°	42	54	68	81	93	106	119	132	146	161	177
-45°	40	52	65	77	89	101	114	126	139	153	168
-47.5°	38	49	61	72	84	96	108	120	132	145	159
-50°	35	45	57	67	78	90	102	114	126	137	149
-52.5°	32	42	52	63	72	83	95	107	119	130	141
-55°	29	38	48	58	67	76	87	99	111	122	133
-57.5°	27	34	43	53	62	71	81	92	103	114	124
-60°	24	31	38	47	57	66	75	85	95	105	115
-62.5°	22	27	34	41	50	59	68	77	87	96	104
-65°	20	24	30	36	43	51	60	68	77	85	92
-67.5°	18	22	26	30	36	43	50	58	66	74	81
-70°	15	19	22	26	31	36	43	49	56	62	69
-72.5°	13	16	19	22	26	31	36	41	46	52	58
-75°	10	13	15	18	21	25	29	34	38	43	48
-77.5°	8	10	12	14	17	20	23	27	30	34	38
-80°	6	8	9	11	13	15	18	20	23	26	29
-82.5°	5	6	7	8	9	11	12	14	16	18	21
-85°	4	4	5	5	6	7	8	9	10	12	13
-87.5°	2	2	2	3	3	3	4	4	5	6	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626766 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-722-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	1	1	1	1	1
60°	3	2	3	4	4	3	4	5	4	4	4
57.5°	8	9	10	12	13	14	15	17	18	18	19
55°	15	19	22	23	26	30	33	34	34	35	37
52.5°	25	28	30	33	38	41	43	46	49	52	54
50°	36	39	43	47	52	55	56	61	67	72	75
47.5°	47	51	58	66	70	74	79	85	92	99	105
45°	58	65	74	81	86	93	99	107	118	128	135
42.5°	70	78	86	95	101	111	123	133	148	161	169
40°	84	92	104	114	127	140	161	179	198	220	236
37.5°	100	113	130	147	166	185	221	259	289	332	355
35°	121	140	164	189	219	266	319	391	466	528	588
32.5°	144	169	202	247	297	372	452	584	713	842	969
30°	167	203	254	315	398	517	667	872	1093	1288	1463
27.5°	197	249	315	406	548	721	999	1283	1565	1817	1998
25°	234	303	397	548	752	1040	1412	1761	2092	2339	2547
22.5°	287	391	524	716	1087	1488	1933	2371	2743	3055	3260
20°	353	493	717	1064	1501	2001	2575	3036	3494	3844	4157
17.5°	446	670	985	1427	1948	2616	3206	3720	4302	4660	4979
15°	530	817	1267	1830	2441	3149	3845	4475	5036	5430	5787
12.5°	636	974	1491	2154	2822	3610	4334	5008	5558	5963	6212
10°	731	1135	1715	2408	3156	3979	4729	5431	5964	6277	6460
7.5°	807	1268	1896	2626	3415	4244	5036	5733	6243	6504	6630
5°	867	1368	2038	2804	3624	4472	5281	5962	6392	6608	6678
2.5°	911	1437	2134	2922	3765	4641	5466	6138	6504	6661	6684
0°	941	1485	2196	2995	3886	4701	5567	6249	6597	6722	6735
-2.5°	934	1468	2194	2969	3872	4728	5583	6256	6629	6797	6824
-5°	915	1426	2121	2893	3762	4619	5434	6145	6603	6857	6970
-7.5°	879	1355	1996	2748	3584	4442	5273	6010	6537	6895	7115
-10°	816	1251	1837	2564	3388	4206	5027	5793	6359	6790	7097
-12.5°	731	1109	1643	2304	3132	3896	4673	5407	6026	6557	6874
-15°	643	962	1442	2046	2767	3519	4238	4957	5568	6065	6461
-17.5°	580	833	1208	1737	2370	3083	3785	4446	4997	5464	5879
-20°	501	689	986	1430	1988	2611	3283	3871	4364	4802	5198

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P626766 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-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°	438	590	804	1108	1608	2158	2708	3249	3712	4102	4441
-25°	380	487	655	901	1227	1702	2165	2622	3050	3412	3717
-27.5°	335	420	532	708	955	1232	1637	2020	2387	2719	3006
-30°	294	358	445	555	723	929	1173	1459	1752	2014	2275
-32.5°	265	310	370	452	546	693	841	1033	1219	1409	1597
-35°	238	275	316	370	435	521	618	736	835	960	1075
-37.5°	220	246	277	312	358	406	472	543	604	674	733
-40°	205	225	247	270	302	334	376	417	456	498	530
-42.5°	193	209	224	242	261	287	315	340	364	389	410
-45°	183	195	207	221	235	254	274	293	308	322	334
-47.5°	172	183	194	205	217	230	244	256	268	279	287
-50°	162	172	182	192	202	213	223	233	242	250	255
-52.5°	151	163	172	181	190	199	207	216	224	231	234
-55°	144	154	164	171	179	186	194	202	210	217	219
-57.5°	135	146	155	162	169	176	183	190	198	204	206
-60°	125	136	145	151	158	166	172	179	186	191	194
-62.5°	114	123	131	138	144	150	157	165	171	177	180
-65°	100	108	116	122	128	134	141	148	154	159	163
-67.5°	88	94	100	106	112	118	125	131	137	141	144
-70°	76	82	88	93	98	104	109	114	119	123	126
-72.5°	64	69	74	79	84	89	93	98	102	105	108
-75°	53	57	62	66	70	74	77	80	84	87	89
-77.5°	42	45	49	53	56	59	62	64	67	69	71
-80°	32	35	37	40	43	45	47	49	51	53	54
-82.5°	23	25	26	28	30	32	33	34	36	37	38
-85°	15	16	17	17	18	19	20	21	22	23	24
-87.5°	7	7	8	8	9	9	10	10	10	11	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626766 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	1	1	1	1	1
60°	4	4	4	4	4	4	4	4	4	4	5
57.5°	18	17	16	15	16	17	18	19	18	18	17
55°	39	42	43	42	43	42	39	37	35	34	34
52.5°	56	57	57	55	57	57	56	54	52	49	46
50°	76	77	76	75	76	77	76	75	72	67	61
47.5°	107	109	110	110	110	109	107	105	99	92	85
45°	138	139	140	140	140	139	138	135	128	118	107
42.5°	173	176	177	176	177	176	173	169	161	148	133
40°	246	249	247	244	247	249	246	236	220	198	179
37.5°	372	384	389	389	389	384	372	355	332	289	259
35°	642	685	704	680	704	685	642	588	528	466	391
32.5°	1072	1148	1191	1191	1191	1148	1072	969	842	713	584
30°	1596	1691	1745	1756	1745	1691	1596	1463	1288	1093	872
27.5°	2140	2238	2289	2282	2289	2238	2140	1998	1817	1565	1283
25°	2685	2760	2803	2804	2803	2760	2685	2547	2339	2092	1761
22.5°	3491	3648	3712	3730	3712	3648	3491	3260	3055	2743	2371
20°	4369	4521	4619	4625	4619	4521	4369	4157	3844	3494	3036
17.5°	5206	5281	5295	5301	5295	5281	5206	4979	4660	4302	3720
15°	5994	6021	6091	6099	6091	6021	5994	5787	5430	5036	4475
12.5°	6369	6393	6381	6349	6381	6393	6369	6212	5963	5558	5008
10°	6573	6539	6488	6427	6488	6539	6573	6460	6277	5964	5431
7.5°	6619	6582	6492	6403	6492	6582	6619	6630	6504	6243	5733
5°	6641	6530	6417	6309	6417	6530	6641	6678	6608	6392	5962
2.5°	6628	6496	6341	6225	6341	6496	6628	6684	6661	6504	6138
0°	6671	6537	6374	6331	6374	6537	6671	6735	6722	6597	6249
-2.5°	6788	6680	6595	6572	6595	6680	6788	6824	6797	6629	6256
-5°	7000	6976	6832	6866	6832	6976	7000	6970	6857	6603	6145
-7.5°	7205	7171	7110	7189	7110	7171	7205	7115	6895	6537	6010
-10°	7259	7248	7277	7347	7277	7248	7259	7097	6790	6359	5793
-12.5°	7093	7180	7278	7352	7278	7180	7093	6874	6557	6026	5407
-15°	6721	6899	7046	7115	7046	6899	6721	6461	6065	5568	4957
-17.5°	6173	6392	6566	6615	6566	6392	6173	5879	5464	4997	4446
-20°	5499	5722	5880	5943	5880	5722	5499	5198	4802	4364	3871

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REPORT NUMBER: P626766 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-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°	4740	4957	5101	5176	5101	4957	4740	4441	4102	3712	3249
-25°	3970	4161	4288	4321	4288	4161	3970	3717	3412	3050	2622
-27.5°	3233	3387	3481	3491	3481	3387	3233	3006	2719	2387	2020
-30°	2492	2635	2716	2759	2716	2635	2492	2275	2014	1752	1459
-32.5°	1750	1864	1932	1950	1932	1864	1750	1597	1409	1219	1033
-35°	1167	1237	1281	1290	1281	1237	1167	1075	960	835	736
-37.5°	780	815	836	846	836	815	780	733	674	604	543
-40°	553	569	578	580	578	569	553	530	498	456	417
-42.5°	423	431	435	436	435	431	423	410	389	364	340
-45°	342	347	351	352	351	347	342	334	322	308	293
-47.5°	292	296	298	299	298	296	292	287	279	268	256
-50°	258	260	261	260	261	260	258	255	250	242	233
-52.5°	236	238	238	238	238	238	236	234	231	224	216
-55°	220	221	221	221	221	221	220	219	217	210	202
-57.5°	208	209	209	207	209	209	208	206	204	198	190
-60°	195	197	197	197	197	197	195	194	191	186	179
-62.5°	183	186	186	186	186	186	183	180	177	171	165
-65°	166	169	169	168	169	169	166	163	159	154	148
-67.5°	146	149	149	148	149	149	146	144	141	137	131
-70°	128	131	131	130	131	131	128	126	123	119	114
-72.5°	110	113	113	113	113	113	110	108	105	102	98
-75°	91	93	93	93	93	93	91	89	87	84	80
-77.5°	74	75	75	75	75	75	74	71	69	67	64
-80°	56	58	57	57	57	58	56	54	53	51	49
-82.5°	40	41	40	40	40	41	40	38	37	36	34
-85°	24	25	25	25	25	25	24	24	23	22	21
-87.5°	12	12	11	11	11	12	12	11	11	10	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626766 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	0	0	0	0
60°	4	3	4	4	3	2	3	3	1	1	1
57.5°	15	14	13	12	10	9	8	8	7	4	2
55°	33	30	26	23	22	19	15	13	12	10	7
52.5°	43	41	38	33	30	28	25	21	18	15	12
50°	56	55	52	47	43	39	36	31	26	23	18
47.5°	79	74	70	66	58	51	47	43	36	31	26
45°	99	93	86	81	74	65	58	52	46	40	35
42.5°	123	111	101	95	86	78	70	62	55	48	42
40°	161	140	127	114	104	92	84	75	65	56	50
37.5°	221	185	166	147	130	113	100	89	78	67	58
35°	319	266	219	189	164	140	121	106	93	80	68
32.5°	452	372	297	247	202	169	144	125	106	92	80
30°	667	517	398	315	254	203	167	142	120	103	91
27.5°	999	721	548	406	315	249	197	160	134	114	100
25°	1412	1040	752	548	397	303	234	184	149	125	110
22.5°	1933	1488	1087	716	524	391	287	210	167	142	123
20°	2575	2001	1501	1064	717	493	353	254	198	163	137
17.5°	3206	2616	1948	1427	985	670	446	310	227	184	152
15°	3845	3149	2441	1830	1267	817	530	364	261	208	169
12.5°	4334	3610	2822	2154	1491	974	636	434	304	227	181
10°	4729	3979	3156	2408	1715	1135	731	485	335	243	191
7.5°	5036	4244	3415	2626	1896	1268	807	526	359	257	200
5°	5281	4472	3624	2804	2038	1368	867	557	377	269	206
2.5°	5466	4641	3765	2922	2134	1437	911	583	391	280	212
0°	5567	4701	3886	2995	2196	1485	941	604	401	289	217
-2.5°	5583	4728	3872	2969	2194	1468	934	600	403	292	220
-5°	5434	4619	3762	2893	2121	1426	915	587	400	292	221
-7.5°	5273	4442	3584	2748	1996	1355	879	567	393	289	221
-10°	5027	4206	3388	2564	1837	1251	816	537	380	282	218
-12.5°	4673	3896	3132	2304	1643	1109	731	498	361	271	213
-15°	4238	3519	2767	2046	1442	962	643	450	335	257	206
-17.5°	3785	3083	2370	1737	1208	833	580	416	312	243	198
-20°	3283	2611	1988	1430	986	689	501	374	290	232	192

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REPORT NUMBER: P626766 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-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°	2708	2158	1608	1108	804	590	438	333	266	218	184
-25°	2165	1702	1227	901	655	487	380	304	248	206	176
-27.5°	1637	1232	955	708	532	420	335	273	228	195	169
-30°	1173	929	723	555	445	358	294	249	213	185	162
-32.5°	841	693	546	452	370	310	265	227	199	175	156
-35°	618	521	435	370	316	275	238	211	187	166	150
-37.5°	472	406	358	312	277	246	220	197	175	159	144
-40°	376	334	302	270	247	225	205	185	168	152	138
-42.5°	315	287	261	242	224	209	193	177	161	146	132
-45°	274	254	235	221	207	195	183	168	153	139	126
-47.5°	244	230	217	205	194	183	172	159	145	132	120
-50°	223	213	202	192	182	172	162	149	137	126	114
-52.5°	207	199	190	181	172	163	151	141	130	119	107
-55°	194	186	179	171	164	154	144	133	122	111	99
-57.5°	183	176	169	162	155	146	135	124	114	103	92
-60°	172	166	158	151	145	136	125	115	105	95	85
-62.5°	157	150	144	138	131	123	114	104	96	87	77
-65°	141	134	128	122	116	108	100	92	85	77	68
-67.5°	125	118	112	106	100	94	88	81	74	66	58
-70°	109	104	98	93	88	82	76	69	62	56	49
-72.5°	93	89	84	79	74	69	64	58	52	46	41
-75°	77	74	70	66	62	57	53	48	43	38	34
-77.5°	62	59	56	53	49	45	42	38	34	30	27
-80°	47	45	43	40	37	35	32	29	26	23	20
-82.5°	33	32	30	28	26	25	23	21	18	16	14
-85°	20	19	18	17	17	16	15	13	12	10	9
-87.5°	10	9	9	8	8	7	7	6	6	5	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626766 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	1	1	1	0	0	0	0
62.5°	1	1	1	0	1	1	1	1	1	1	0
60°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
55°	3	2	2	2	1	1	1	1	1	1	1
52.5°	8	5	3	2	2	1	1	1	1	1	1
50°	14	9	5	3	2	2	2	1	1	1	1
47.5°	21	15	10	5	4	3	2	2	1	1	1
45°	29	22	15	9	5	4	3	2	1	1	1
42.5°	37	29	21	13	9	6	3	2	2	1	2
40°	44	37	28	19	13	8	5	3	2	2	2
37.5°	52	45	36	26	17	12	7	3	3	2	2
35°	60	52	44	32	22	15	10	4	3	2	2
32.5°	67	59	50	39	28	18	13	7	4	3	2
30°	77	65	55	45	33	22	16	10	5	3	2
27.5°	86	71	61	51	39	27	18	12	6	4	2
25°	96	79	66	56	44	32	21	14	8	5	3
22.5°	105	87	71	60	49	37	25	17	10	6	3
20°	115	95	76	65	54	41	29	19	12	7	4
17.5°	126	103	84	71	58	45	33	22	13	8	4
15°	137	112	91	76	62	49	36	24	14	9	4
12.5°	147	120	98	81	66	52	39	27	15	10	5
10°	155	127	104	86	70	55	42	29	17	11	6
7.5°	162	133	109	91	74	58	44	31	19	12	7
5°	168	138	113	95	77	61	46	33	21	12	8
2.5°	173	142	116	98	80	65	48	34	23	13	9
0°	176	145	118	100	82	67	49	35	25	13	10
-2.5°	178	147	121	102	85	69	51	37	26	15	10
-5°	178	148	124	103	87	70	53	38	27	17	10
-7.5°	178	149	126	105	89	71	54	40	28	18	10
-10°	177	149	126	106	89	71	55	41	29	19	11
-12.5°	175	148	126	107	90	72	56	42	30	20	11
-15°	171	146	125	106	89	73	57	42	30	20	11
-17.5°	166	144	124	105	89	73	57	42	30	20	11
-20°	163	141	123	104	89	73	57	41	30	20	12

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CATALOG NUMBER: GFLD-SA1E-722-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°	159	139	120	102	88	72	56	40	29	20	12
-25°	154	136	118	101	87	71	55	39	29	19	12
-27.5°	149	132	115	100	85	70	53	38	28	19	12
-30°	145	129	112	98	83	68	51	37	27	18	12
-32.5°	140	125	109	95	80	65	48	35	26	18	12
-35°	135	121	106	91	77	62	46	34	26	18	11
-37.5°	130	116	102	88	75	59	45	33	25	17	11
-40°	125	111	97	85	71	56	43	33	24	16	11
-42.5°	119	106	93	81	68	54	42	31	22	15	10
-45°	114	101	89	77	65	52	40	30	21	14	10
-47.5°	108	96	84	72	61	49	38	28	19	14	9
-50°	102	90	78	67	57	45	35	26	19	13	9
-52.5°	95	83	72	63	52	42	32	24	18	13	9
-55°	87	76	67	58	48	38	29	22	17	12	8
-57.5°	81	71	62	53	43	34	27	21	16	11	8
-60°	75	66	57	47	38	31	24	19	14	10	7
-62.5°	68	59	50	41	34	27	22	17	13	10	7
-65°	60	51	43	36	30	24	20	16	12	9	6
-67.5°	50	43	36	30	26	22	18	14	11	8	6
-70°	43	36	31	26	22	19	15	12	9	7	5
-72.5°	36	31	26	22	19	16	13	10	8	6	4
-75°	29	25	21	18	15	13	10	8	6	5	4
-77.5°	23	20	17	14	12	10	8	6	5	4	3
-80°	18	15	13	11	9	8	6	5	4	4	3
-82.5°	12	11	9	8	7	6	5	4	4	3	2
-85°	8	7	6	5	5	4	4	3	3	2	2
-87.5°	4	3	3	3	2	2	2	2	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P626766 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-722-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	1	0	0	0	0
60°	0	0	1	1	0	0	0
57.5°	0	1	1	1	0	0	0
55°	1	1	1	1	0	0	0
52.5°	1	1	1	1	0	0	0
50°	1	1	1	1	0	0	0
47.5°	1	1	1	1	0	0	0
45°	1	1	1	1	0	0	0
42.5°	1	1	1	1	1	0	0
40°	2	1	1	1	1	0	0
37.5°	2	1	1	1	1	0	0
35°	2	1	1	1	1	0	0
32.5°	2	1	1	1	1	0	0
30°	2	2	1	1	1	0	0
27.5°	2	2	1	1	1	0	0
25°	2	2	1	1	1	0	0
22.5°	2	2	1	1	1	0	0
20°	2	2	1	1	1	0	0
17.5°	2	2	1	1	1	0	0
15°	3	2	1	1	1	0	0
12.5°	3	2	1	1	1	0	0
10°	3	2	1	1	1	0	0
7.5°	3	2	1	1	1	0	0
5°	3	2	1	1	1	0	0
2.5°	3	2	1	1	1	0	0
0°	4	2	1	1	1	0	0
-2.5°	4	3	1	1	1	0	0
-5°	5	3	1	1	1	0	0
-7.5°	5	3	2	1	1	0	0
-10°	6	3	2	1	1	0	0
-12.5°	6	3	2	1	1	0	0
-15°	7	3	2	1	1	0	0
-17.5°	7	3	2	1	1	0	0
-20°	7	3	2	1	1	0	0

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REPORT NUMBER: P626766 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)