

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: P626676 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-735-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626676 (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-SA1C-735-U-MWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5327.4 lumens
Efficiency: N/A
Efficacy: 122.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 7463.7 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 3568.3 lumens
Beam Efficiency: 67.0%

Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 4801.9 lumens
Field Efficiency: 90.1%

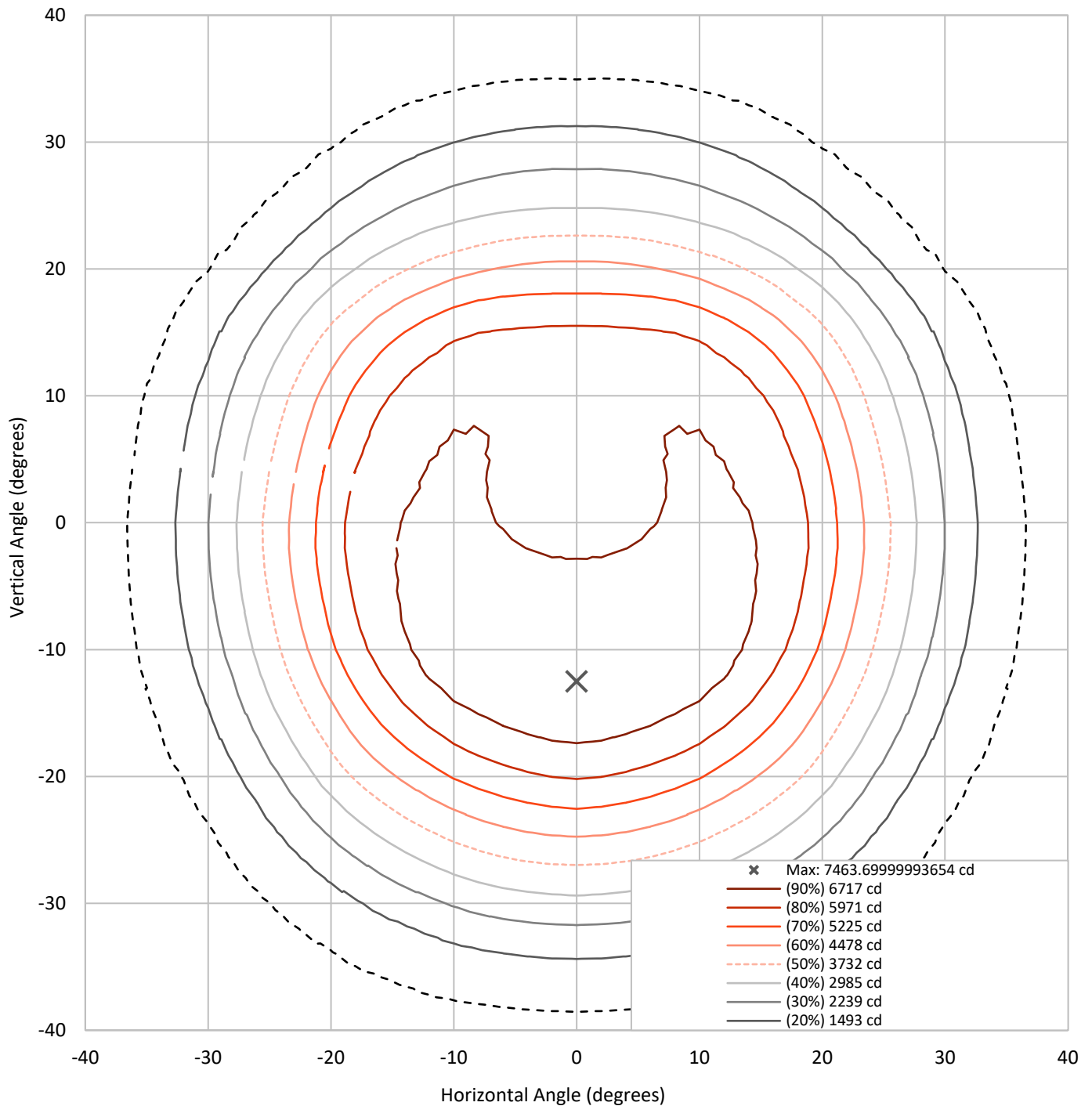
Input Watts (W): 43.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P626676 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-MWR-VSR-XX

Iso-Candela Plot





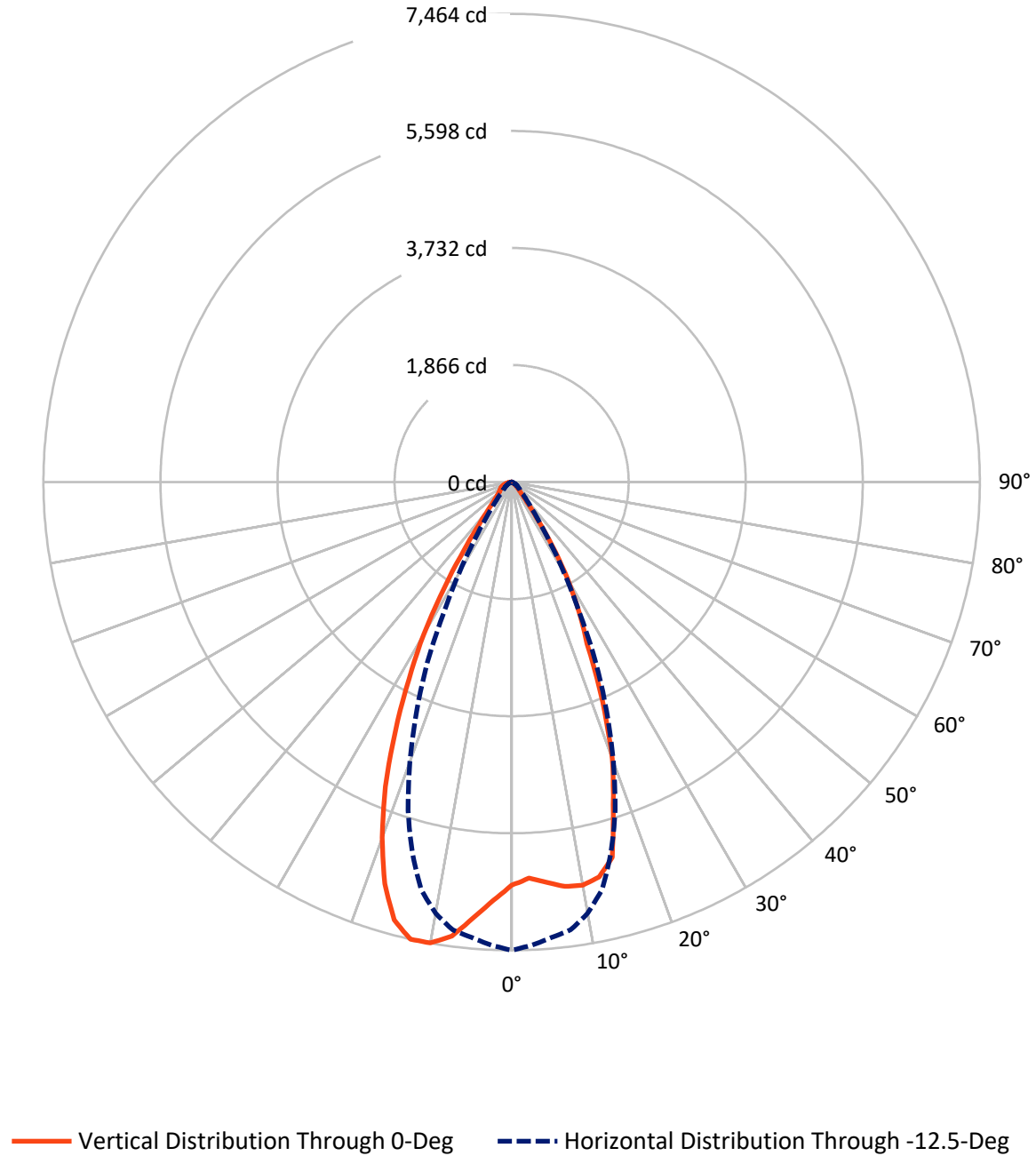
REPORT NUMBER: P626676 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																			
80	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0		0.0	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	0.8	1.5	2.4	3.7	4.5	4.5	3.7	2.4	1.5	0.8	0.2	0.0	0.0			
30		0.1	0.6	1.5	3.2	6.9	15.7	24.0	24.0	15.7	6.9	3.2	1.5	0.6	0.1				
20	0.1	0.2	1.0	2.5	6.7	24.8	63.8	89.1	89.1	63.8	24.8	6.7	2.5	1.0	0.2	0.1			
10		0.4	1.4	3.8	15.9	68.8	143.5	177.6	177.6	143.5	68.8	15.9	3.8	1.4	0.4				
0	0.1	0.5	1.7	5.0	25.3	101.3	185.0	200.5	200.5	185.0	101.3	25.3	5.0	1.7	0.5	0.1			
-10		0.5	1.9	5.3	26.5	104.6	191.6	212.8	212.8	191.6	104.6	26.5	5.3	1.9	0.5				
-20	0.1	0.6	1.9	4.8	19.0	77.9	161.7	206.4	206.4	161.7	77.9	19.0	4.8	1.9	0.6	0.1			
-30		0.6	1.8	4.0	10.6	37.8	90.1	126.8	126.8	90.1	37.8	10.6	4.0	1.8	0.6				
-40	0.1	0.5	1.6	3.3	6.3	13.5	28.1	41.8	41.8	28.1	13.5	6.3	3.3	1.6	0.5	0.1			
-50		0.4	1.4	2.8	4.6	6.8	9.6	11.4	11.4	9.6	6.8	4.6	2.8	1.4	0.4				
-60	0.1	0.3	1.0	2.2	3.6	5.0	6.3	6.9	6.9	6.3	5.0	3.6	2.2	1.0	0.3	0.1			
-70		0.2	0.7	1.5	2.6	3.6	4.6	5.1	5.1	4.6	3.6	2.6	1.5	0.7	0.2				
-80	0.0	0.6		2.7		5.7		7.3		5.7		2.7		0.6	0.0				
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

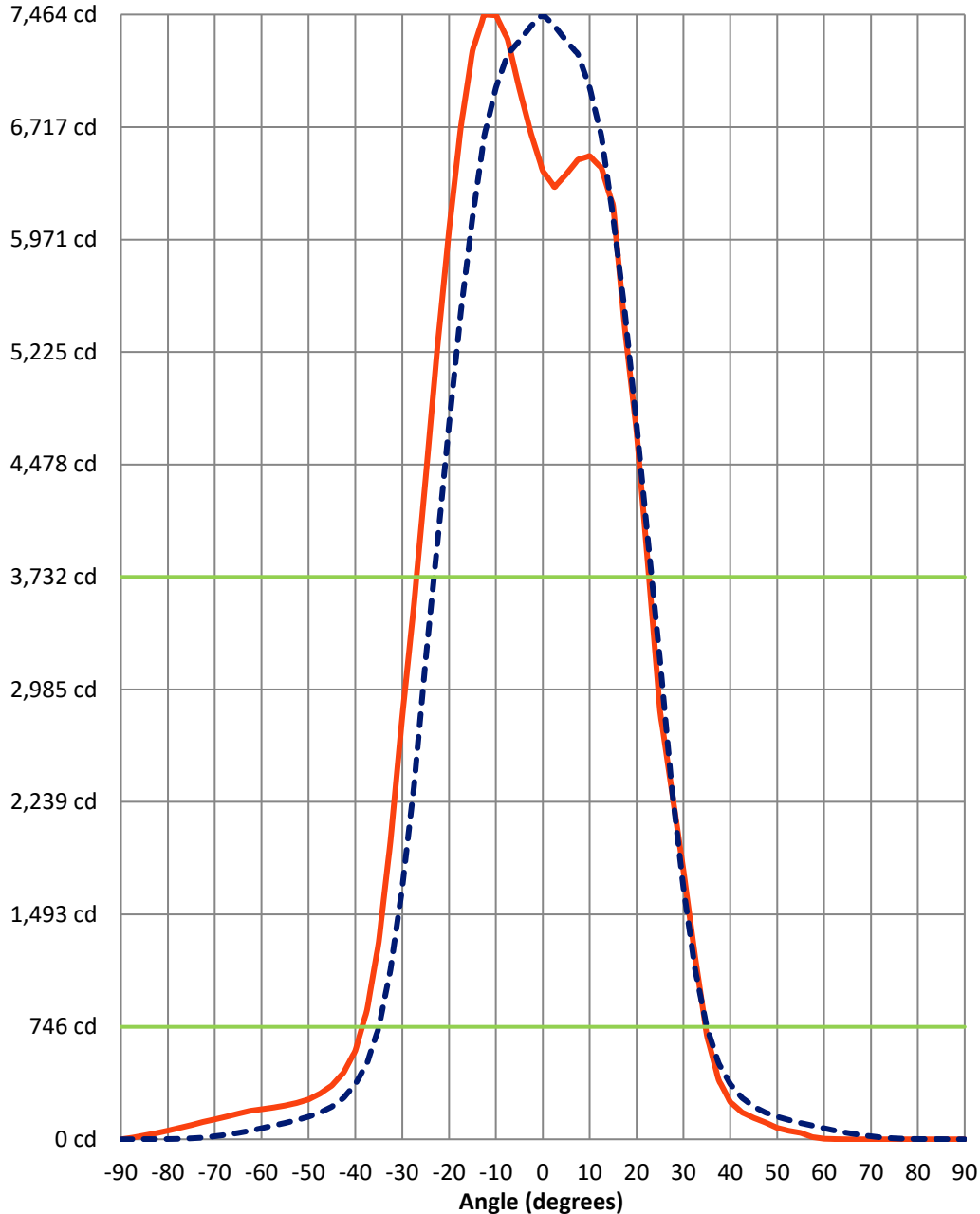
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 3568.3
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 4801.9
 Efficiency: 90.1%

Spill:
 Lumens: 525.6
 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	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	5
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	7	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	5	9	14	25
12.5°	0	0	1	1	1	2	3	5	10	16	27
10°	0	0	1	1	1	2	3	6	11	18	30
7.5°	0	0	1	1	1	2	3	7	12	20	32
5°	0	0	1	1	1	2	3	8	12	22	33
2.5°	0	0	1	1	1	2	4	9	13	24	35
0°	0	0	1	1	1	2	4	10	13	26	35
-2.5°	0	0	1	1	1	3	4	10	15	27	37
-5°	0	0	1	1	1	3	5	10	17	28	39
-7.5°	0	0	1	1	2	3	6	11	18	29	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	21	30	43
-17.5°	0	0	1	1	2	3	7	11	20	30	43
-20°	0	0	1	1	2	3	7	12	20	30	42

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CATALOG NUMBER: GFLD-SA1C-735-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	30	41
-25°	0	0	1	1	2	3	7	12	19	29	39
-27.5°	0	0	1	1	2	4	7	12	19	28	39
-30°	0	0	1	1	2	4	7	12	19	28	37
-32.5°	0	0	1	1	2	4	7	12	18	27	36
-35°	0	0	1	1	2	4	7	12	18	26	34
-37.5°	0	0	1	1	2	4	7	11	17	25	34
-40°	0	0	1	1	2	4	7	11	16	24	33
-42.5°	0	0	1	1	2	4	7	10	15	23	32
-45°	0	0	1	1	2	4	7	10	15	21	30
-47.5°	0	0	1	1	2	4	6	10	14	20	29
-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	23
-57.5°	0	0	1	1	2	3	5	8	11	16	21
-60°	0	0	1	1	2	3	5	7	11	15	19
-62.5°	0	0	1	1	2	3	5	7	10	13	18
-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	4	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

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REPORT NUMBER: P626676 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-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	13	14
52.5°	1	1	2	2	3	5	8	12	16	18	22
50°	2	2	2	3	5	10	14	19	23	27	31
47.5°	2	3	4	5	10	15	21	27	32	37	44
45°	3	4	5	9	15	22	29	35	40	47	53
42.5°	3	6	9	14	21	30	38	43	48	55	63
40°	5	8	13	20	28	38	45	51	57	66	76
37.5°	8	12	17	26	36	46	52	59	68	79	91
35°	10	15	23	33	44	53	60	69	81	94	108
32.5°	13	18	28	40	50	60	68	81	94	108	127
30°	16	23	34	46	56	66	78	92	105	122	144
27.5°	19	27	39	52	62	72	88	101	116	136	162
25°	22	32	45	56	67	80	97	112	127	152	187
22.5°	26	37	50	61	72	88	107	125	144	169	213
20°	30	42	54	66	77	96	117	139	166	201	258
17.5°	33	46	59	72	85	105	128	154	187	231	315
15°	37	49	63	77	93	114	139	171	211	265	370
12.5°	40	53	67	83	100	122	149	184	231	309	440
10°	43	55	71	88	106	129	157	194	247	340	493
7.5°	45	58	75	93	111	135	165	203	261	365	534
5°	47	62	78	96	115	140	171	209	273	382	566
2.5°	49	65	81	99	118	144	175	216	285	397	592
0°	50	68	83	102	120	147	179	220	294	407	613
-2.5°	52	70	86	103	123	149	180	224	297	409	609
-5°	53	71	88	105	126	150	181	225	296	406	596
-7.5°	54	72	90	106	127	151	181	224	293	399	576
-10°	55	73	91	107	128	151	180	221	286	386	545
-12.5°	57	73	91	108	128	150	178	216	275	366	506
-15°	57	74	91	108	127	148	174	209	261	340	457
-17.5°	58	74	90	107	126	146	169	201	247	317	422
-20°	58	74	90	105	125	143	165	195	236	295	380

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CATALOG NUMBER: GFLD-SA1C-735-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°	57	73	89	104	122	141	161	187	221	270	338
-25°	56	72	88	103	120	138	156	179	209	251	308
-27.5°	54	71	86	101	117	134	151	172	198	231	277
-30°	51	69	84	99	114	131	147	164	187	216	253
-32.5°	49	66	81	96	111	127	142	158	178	202	231
-35°	47	63	79	92	107	123	137	152	169	190	214
-37.5°	46	60	76	89	103	118	132	146	161	178	200
-40°	44	57	73	86	99	113	127	140	154	171	188
-42.5°	42	55	69	83	95	108	121	134	148	163	179
-45°	41	53	66	78	91	103	116	128	141	156	171
-47.5°	38	50	62	73	85	98	110	122	134	148	162
-50°	35	46	58	68	79	91	104	116	128	139	152
-52.5°	33	42	53	64	73	84	96	109	120	132	143
-55°	30	38	48	59	69	77	88	101	113	124	135
-57.5°	27	35	44	53	63	72	82	93	104	115	126
-60°	25	31	39	48	57	67	76	86	97	107	117
-62.5°	23	28	34	42	51	60	69	78	88	97	106
-65°	20	25	30	36	43	52	60	69	78	86	94
-67.5°	18	22	26	31	37	44	51	59	67	75	82
-70°	15	19	23	27	31	37	43	50	56	63	70
-72.5°	13	16	19	22	26	31	36	41	47	53	59
-75°	11	13	16	18	22	26	30	34	39	44	49
-77.5°	8	10	12	15	17	20	24	27	31	35	38
-80°	6	8	10	11	13	16	18	20	23	26	29
-82.5°	5	6	7	8	10	11	13	14	16	19	21
-85°	4	4	5	6	6	7	8	9	10	12	13
-87.5°	2	2	2	3	3	4	4	4	5	6	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626676 (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	0	0	0	0	1	1	1	1	1
60°	3	2	3	4	4	3	4	5	5	4	4
57.5°	9	9	11	12	14	15	16	17	18	18	19
55°	16	19	22	24	26	30	34	34	35	36	38
52.5°	25	29	31	33	39	42	44	46	49	52	55
50°	37	40	43	48	53	56	57	62	68	73	76
47.5°	48	52	59	67	71	75	80	87	93	101	106
45°	59	66	75	82	88	94	101	109	119	129	137
42.5°	71	79	88	96	103	113	125	135	150	163	172
40°	85	93	106	116	129	142	163	182	201	224	240
37.5°	102	115	132	149	168	188	225	263	293	337	361
35°	122	142	167	192	223	270	324	397	473	536	597
32.5°	146	171	205	250	302	378	459	593	724	855	984
30°	169	206	258	320	404	525	677	885	1110	1307	1486
27.5°	200	253	320	412	556	732	1014	1303	1589	1845	2029
25°	237	308	403	556	764	1056	1434	1788	2124	2375	2586
22.5°	291	397	532	727	1104	1510	1962	2407	2785	3101	3309
20°	358	501	728	1081	1524	2032	2614	3082	3547	3903	4220
17.5°	453	680	1000	1448	1978	2656	3255	3777	4368	4731	5055
15°	538	830	1286	1858	2478	3197	3904	4543	5113	5513	5875
12.5°	645	989	1514	2187	2865	3665	4400	5084	5642	6053	6307
10°	742	1152	1741	2445	3204	4040	4801	5514	6055	6372	6559
7.5°	820	1288	1925	2666	3467	4309	5113	5820	6338	6603	6731
5°	880	1388	2070	2847	3679	4540	5361	6053	6489	6709	6780
2.5°	925	1458	2167	2966	3823	4711	5549	6232	6603	6762	6785
0°	956	1508	2230	3041	3945	4773	5651	6344	6698	6825	6837
-2.5°	949	1490	2227	3014	3931	4800	5668	6351	6730	6901	6928
-5°	929	1448	2153	2937	3819	4690	5517	6239	6703	6961	7076
-7.5°	892	1375	2027	2789	3638	4509	5353	6102	6636	7000	7223
-10°	829	1270	1865	2603	3440	4270	5104	5881	6456	6894	7206
-12.5°	742	1126	1668	2339	3180	3955	4744	5489	6117	6657	6979
-15°	653	977	1464	2077	2809	3573	4302	5033	5653	6157	6559
-17.5°	589	846	1226	1763	2406	3130	3842	4513	5073	5547	5969
-20°	508	699	1001	1452	2018	2651	3333	3930	4430	4875	5277

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626676 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-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°	444	599	816	1125	1633	2191	2749	3299	3769	4165	4508
-25°	386	494	665	915	1246	1728	2198	2662	3096	3464	3774
-27.5°	340	426	540	718	969	1251	1662	2051	2423	2760	3052
-30°	299	363	452	564	734	943	1191	1481	1779	2044	2309
-32.5°	269	315	376	459	554	704	853	1049	1237	1431	1621
-35°	242	279	321	376	441	529	627	747	847	974	1091
-37.5°	224	250	281	316	363	412	479	551	614	684	744
-40°	208	229	250	274	306	339	382	423	462	506	538
-42.5°	196	212	228	246	265	291	320	345	370	395	416
-45°	186	198	210	224	239	258	279	297	313	327	339
-47.5°	175	186	197	208	220	234	247	260	273	284	291
-50°	164	175	185	194	205	216	227	236	246	254	259
-52.5°	154	165	175	184	193	202	210	219	227	234	238
-55°	146	156	166	174	182	189	197	205	213	220	222
-57.5°	137	148	157	165	172	178	186	193	201	207	209
-60°	127	138	147	154	161	168	175	182	189	194	197
-62.5°	115	125	133	140	146	152	160	167	174	180	183
-65°	101	110	117	124	130	136	143	150	156	161	165
-67.5°	89	96	102	108	114	120	127	133	139	143	146
-70°	77	83	89	95	100	105	111	116	121	125	128
-72.5°	65	70	75	80	85	90	95	99	103	107	110
-75°	54	58	63	67	71	75	78	82	85	88	90
-77.5°	42	46	50	53	57	60	63	65	68	70	73
-80°	32	35	38	41	43	45	48	50	52	53	55
-82.5°	23	25	27	29	30	32	33	35	36	38	39
-85°	15	16	17	18	19	20	21	22	22	23	24
-87.5°	7	8	8	8	9	9	10	10	11	11	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626676 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-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	5	5
57.5°	18	17	16	15	16	17	18	19	18	18	17
55°	40	42	43	43	43	42	40	38	36	35	34
52.5°	57	58	58	56	58	58	57	55	52	49	46
50°	78	78	77	76	77	78	78	76	73	68	62
47.5°	109	111	112	111	112	111	109	106	101	93	87
45°	140	142	142	142	142	142	140	137	129	119	109
42.5°	176	179	180	179	180	179	176	172	163	150	135
40°	249	252	251	247	251	252	249	240	224	201	182
37.5°	378	390	395	395	395	390	378	361	337	293	263
35°	652	695	715	690	715	695	652	597	536	473	397
32.5°	1088	1166	1209	1209	1209	1166	1088	984	855	724	593
30°	1620	1717	1771	1783	1771	1717	1620	1486	1307	1110	885
27.5°	2172	2272	2324	2317	2324	2272	2172	2029	1845	1589	1303
25°	2726	2802	2845	2847	2845	2802	2726	2586	2375	2124	1788
22.5°	3544	3703	3769	3786	3769	3703	3544	3309	3101	2785	2407
20°	4435	4590	4690	4696	4690	4590	4435	4220	3903	3547	3082
17.5°	5285	5362	5376	5382	5376	5362	5285	5055	4731	4368	3777
15°	6086	6113	6183	6192	6183	6113	6086	5875	5513	5113	4543
12.5°	6466	6491	6478	6446	6478	6491	6466	6307	6053	5642	5084
10°	6673	6639	6587	6525	6587	6639	6673	6559	6372	6055	5514
7.5°	6720	6682	6591	6501	6591	6682	6720	6731	6603	6338	5820
5°	6742	6630	6515	6405	6515	6630	6742	6780	6709	6489	6053
2.5°	6729	6595	6437	6320	6437	6595	6729	6785	6762	6603	6232
0°	6772	6636	6471	6427	6471	6636	6772	6837	6825	6698	6344
-2.5°	6892	6782	6695	6672	6695	6782	6892	6928	6901	6730	6351
-5°	7107	7083	6936	6970	6936	7083	7107	7076	6961	6703	6239
-7.5°	7315	7280	7218	7298	7218	7280	7315	7223	7000	6636	6102
-10°	7370	7359	7388	7459	7388	7359	7370	7206	6894	6456	5881
-12.5°	7201	7289	7389	7464	7389	7289	7201	6979	6657	6117	5489
-15°	6823	7004	7153	7224	7153	7004	6823	6559	6157	5653	5033
-17.5°	6267	6490	6666	6716	6666	6490	6267	5969	5547	5073	4513
-20°	5582	5809	5969	6033	5969	5809	5582	5277	4875	4430	3930

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REPORT NUMBER: P626676 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-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°	4812	5033	5178	5255	5178	5033	4812	4508	4165	3769	3299
-25°	4030	4224	4353	4387	4353	4224	4030	3774	3464	3096	2662
-27.5°	3282	3438	3533	3544	3533	3438	3282	3052	2760	2423	2051
-30°	2530	2675	2757	2801	2757	2675	2530	2309	2044	1779	1481
-32.5°	1777	1892	1962	1980	1962	1892	1777	1621	1431	1237	1049
-35°	1185	1256	1300	1309	1300	1256	1185	1091	974	847	747
-37.5°	792	827	849	859	849	827	792	744	684	614	551
-40°	561	578	587	589	587	578	561	538	506	462	423
-42.5°	429	438	442	443	442	438	429	416	395	370	345
-45°	347	353	356	357	356	353	347	339	327	313	297
-47.5°	297	300	303	304	303	300	297	291	284	273	260
-50°	262	264	265	264	265	264	262	259	254	246	236
-52.5°	240	241	242	241	242	241	240	238	234	227	219
-55°	223	224	224	224	224	224	223	222	220	213	205
-57.5°	211	212	212	211	212	212	211	209	207	201	193
-60°	198	200	200	200	200	200	198	197	194	189	182
-62.5°	186	189	189	189	189	189	186	183	180	174	167
-65°	168	171	171	170	171	171	168	165	161	156	150
-67.5°	149	151	151	151	151	151	149	146	143	139	133
-70°	130	133	133	132	133	133	130	128	125	121	116
-72.5°	112	114	115	115	115	114	112	110	107	103	99
-75°	93	95	95	94	95	95	93	90	88	85	82
-77.5°	75	77	76	76	76	77	75	73	70	68	65
-80°	57	58	58	58	58	58	57	55	53	52	50
-82.5°	40	41	41	40	41	41	40	39	38	36	35
-85°	25	26	26	26	26	26	25	24	23	22	22
-87.5°	12	12	12	11	12	12	12	11	11	11	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626676 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-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°	16	15	14	12	11	9	9	8	7	4	2
55°	34	30	26	24	22	19	16	14	13	10	7
52.5°	44	42	39	33	31	29	25	22	18	16	12
50°	57	56	53	48	43	40	37	31	27	23	19
47.5°	80	75	71	67	59	52	48	44	37	32	27
45°	101	94	88	82	75	66	59	53	47	40	35
42.5°	125	113	103	96	88	79	71	63	55	48	43
40°	163	142	129	116	106	93	85	76	66	57	51
37.5°	225	188	168	149	132	115	102	91	79	68	59
35°	324	270	223	192	167	142	122	108	94	81	69
32.5°	459	378	302	250	205	171	146	127	108	94	81
30°	677	525	404	320	258	206	169	144	122	105	92
27.5°	1014	732	556	412	320	253	200	162	136	116	101
25°	1434	1056	764	556	403	308	237	187	152	127	112
22.5°	1962	1510	1104	727	532	397	291	213	169	144	125
20°	2614	2032	1524	1081	728	501	358	258	201	166	139
17.5°	3255	2656	1978	1448	1000	680	453	315	231	187	154
15°	3904	3197	2478	1858	1286	830	538	370	265	211	171
12.5°	4400	3665	2865	2187	1514	989	645	440	309	231	184
10°	4801	4040	3204	2445	1741	1152	742	493	340	247	194
7.5°	5113	4309	3467	2666	1925	1288	820	534	365	261	203
5°	5361	4540	3679	2847	2070	1388	880	566	382	273	209
2.5°	5549	4711	3823	2966	2167	1458	925	592	397	285	216
0°	5651	4773	3945	3041	2230	1508	956	613	407	294	220
-2.5°	5668	4800	3931	3014	2227	1490	949	609	409	297	224
-5°	5517	4690	3819	2937	2153	1448	929	596	406	296	225
-7.5°	5353	4509	3638	2789	2027	1375	892	576	399	293	224
-10°	5104	4270	3440	2603	1865	1270	829	545	386	286	221
-12.5°	4744	3955	3180	2339	1668	1126	742	506	366	275	216
-15°	4302	3573	2809	2077	1464	977	653	457	340	261	209
-17.5°	3842	3130	2406	1763	1226	846	589	422	317	247	201
-20°	3333	2651	2018	1452	1001	699	508	380	295	236	195

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REPORT NUMBER: P626676 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-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°	2749	2191	1633	1125	816	599	444	338	270	221	187
-25°	2198	1728	1246	915	665	494	386	308	251	209	179
-27.5°	1662	1251	969	718	540	426	340	277	231	198	172
-30°	1191	943	734	564	452	363	299	253	216	187	164
-32.5°	853	704	554	459	376	315	269	231	202	178	158
-35°	627	529	441	376	321	279	242	214	190	169	152
-37.5°	479	412	363	316	281	250	224	200	178	161	146
-40°	382	339	306	274	250	229	208	188	171	154	140
-42.5°	320	291	265	246	228	212	196	179	163	148	134
-45°	279	258	239	224	210	198	186	171	156	141	128
-47.5°	247	234	220	208	197	186	175	162	148	134	122
-50°	227	216	205	194	185	175	164	152	139	128	116
-52.5°	210	202	193	184	175	165	154	143	132	120	109
-55°	197	189	182	174	166	156	146	135	124	113	101
-57.5°	186	178	172	165	157	148	137	126	115	104	93
-60°	175	168	161	154	147	138	127	117	107	97	86
-62.5°	160	152	146	140	133	125	115	106	97	88	78
-65°	143	136	130	124	117	110	101	94	86	78	69
-67.5°	127	120	114	108	102	96	89	82	75	67	59
-70°	111	105	100	95	89	83	77	70	63	56	50
-72.5°	95	90	85	80	75	70	65	59	53	47	41
-75°	78	75	71	67	63	58	54	49	44	39	34
-77.5°	63	60	57	53	50	46	42	38	35	31	27
-80°	48	45	43	41	38	35	32	29	26	23	20
-82.5°	33	32	30	29	27	25	23	21	19	16	14
-85°	21	20	19	18	17	16	15	13	12	10	9
-87.5°	10	9	9	8	8	8	7	6	6	5	4
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626676 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-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	10	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°	38	30	21	14	9	6	3	2	2	1	2
40°	45	38	28	20	13	8	5	3	2	2	2
37.5°	52	46	36	26	17	12	8	3	3	2	2
35°	60	53	44	33	23	15	10	5	3	2	2
32.5°	68	60	50	40	28	18	13	7	4	3	2
30°	78	66	56	46	34	23	16	10	5	3	2
27.5°	88	72	62	52	39	27	19	12	7	4	2
25°	97	80	67	56	45	32	22	14	8	5	3
22.5°	107	88	72	61	50	37	26	17	10	6	3
20°	117	96	77	66	54	42	30	19	12	7	4
17.5°	128	105	85	72	59	46	33	22	13	8	4
15°	139	114	93	77	63	49	37	25	14	9	5
12.5°	149	122	100	83	67	53	40	27	16	10	5
10°	157	129	106	88	71	55	43	30	18	11	6
7.5°	165	135	111	93	75	58	45	32	20	12	7
5°	171	140	115	96	78	62	47	33	22	12	8
2.5°	175	144	118	99	81	65	49	35	24	13	9
0°	179	147	120	102	83	68	50	35	26	13	10
-2.5°	180	149	123	103	86	70	52	37	27	15	10
-5°	181	150	126	105	88	71	53	39	28	17	10
-7.5°	181	151	127	106	90	72	54	40	29	18	11
-10°	180	151	128	107	91	73	55	41	29	19	11
-12.5°	178	150	128	108	91	73	57	42	30	20	11
-15°	174	148	127	108	91	74	57	43	30	21	11
-17.5°	169	146	126	107	90	74	58	43	30	20	11
-20°	165	143	125	105	90	74	58	42	30	20	12

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REPORT NUMBER: P626676 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-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°	161	141	122	104	89	73	57	41	30	20	12
-25°	156	138	120	103	88	72	56	39	29	19	12
-27.5°	151	134	117	101	86	71	54	39	28	19	12
-30°	147	131	114	99	84	69	51	37	28	19	12
-32.5°	142	127	111	96	81	66	49	36	27	18	12
-35°	137	123	107	92	79	63	47	34	26	18	12
-37.5°	132	118	103	89	76	60	46	34	25	17	11
-40°	127	113	99	86	73	57	44	33	24	16	11
-42.5°	121	108	95	83	69	55	42	32	23	15	10
-45°	116	103	91	78	66	53	41	30	21	15	10
-47.5°	110	98	85	73	62	50	38	29	20	14	10
-50°	104	91	79	68	58	46	35	26	19	13	9
-52.5°	96	84	73	64	53	42	33	24	18	13	9
-55°	88	77	69	59	48	38	30	23	17	12	8
-57.5°	82	72	63	53	44	35	27	21	16	11	8
-60°	76	67	57	48	39	31	25	19	15	11	7
-62.5°	69	60	51	42	34	28	23	18	13	10	7
-65°	60	52	43	36	30	25	20	16	12	9	6
-67.5°	51	44	37	31	26	22	18	14	11	8	6
-70°	43	37	31	27	23	19	15	12	9	7	5
-72.5°	36	31	26	22	19	16	13	10	8	6	4
-75°	30	26	22	18	16	13	11	8	6	5	4
-77.5°	24	20	17	15	12	10	8	6	5	4	3
-80°	18	16	13	11	10	8	6	5	4	4	3
-82.5°	13	11	10	8	7	6	5	4	4	3	2
-85°	8	7	6	6	5	4	4	3	3	2	2
-87.5°	4	4	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: P626676 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-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°	4	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°	6	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: P626676 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-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°	7	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°	4	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)