

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: P626796 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-735-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P626796 (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-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	NEMA Type:	4H x 5V
Luminaire Lumens:	7027 lumens	Max Intensity:	9844.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -12.5°V
Efficacy:	106.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	46.4°H x 49.6°V	Field Angle (10%):	69.9°H x 73.3°V
Beam Lumens:	4706.7 lumens	Field Lumens:	6333.8 lumens
Beam Efficiency:	67.0%	Field Efficiency:	90.1%

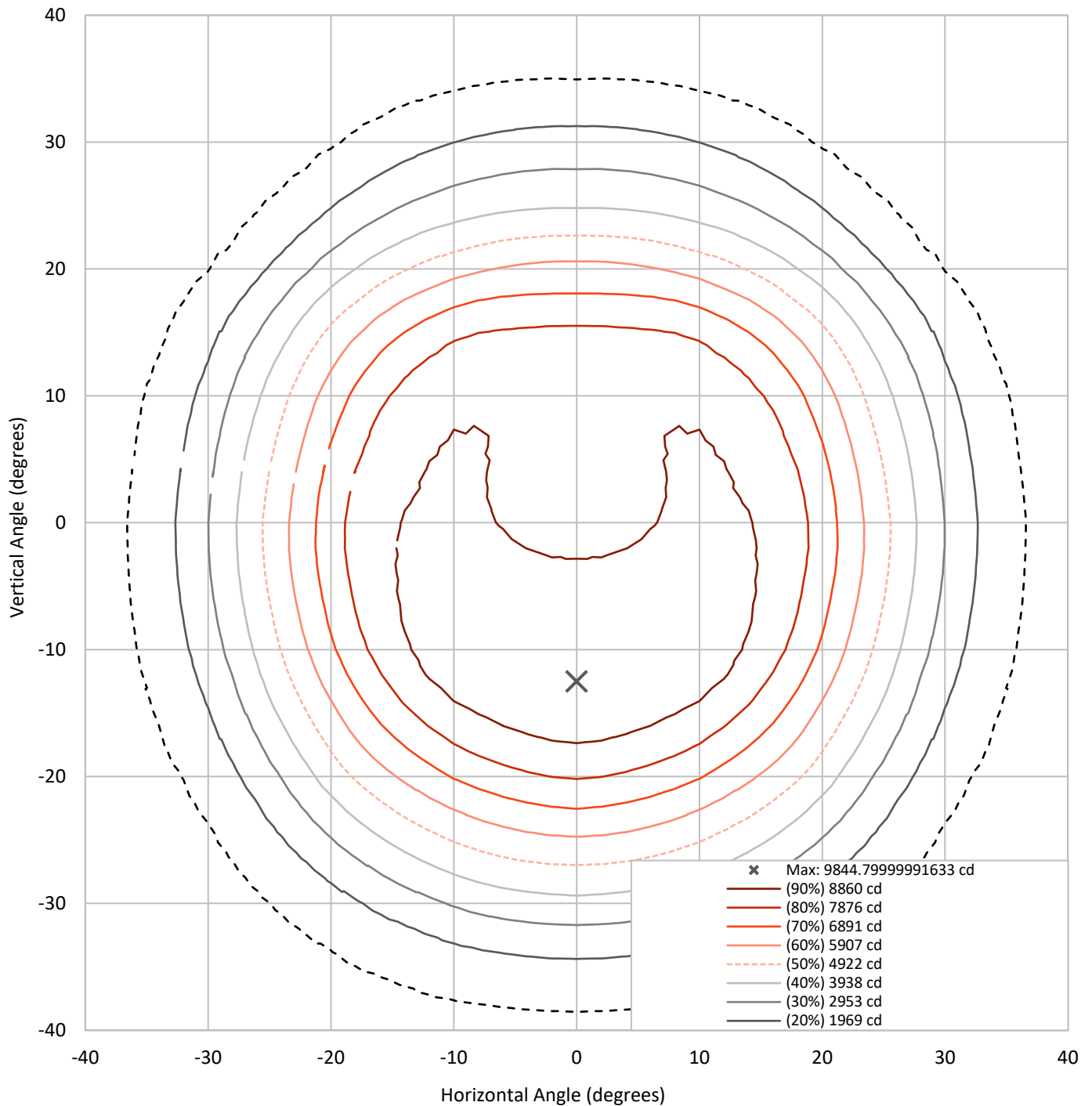
Input Watts (W): 66.2  
 Input Voltage (V): 120  
 Input Current (A<sub>in</sub>): NR  
 Voltage Rise (V): NR  
 Power Factor: NR  
 Total Harmonic Distortion (THDi): NR  
 Frequency (hertz): 60  
 Stabilization Time: NR  
 Operation Time: NR  
 Ambient Temperature (°C): NR  
 Test Distance: 25 FT



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### Iso-Candela Plot





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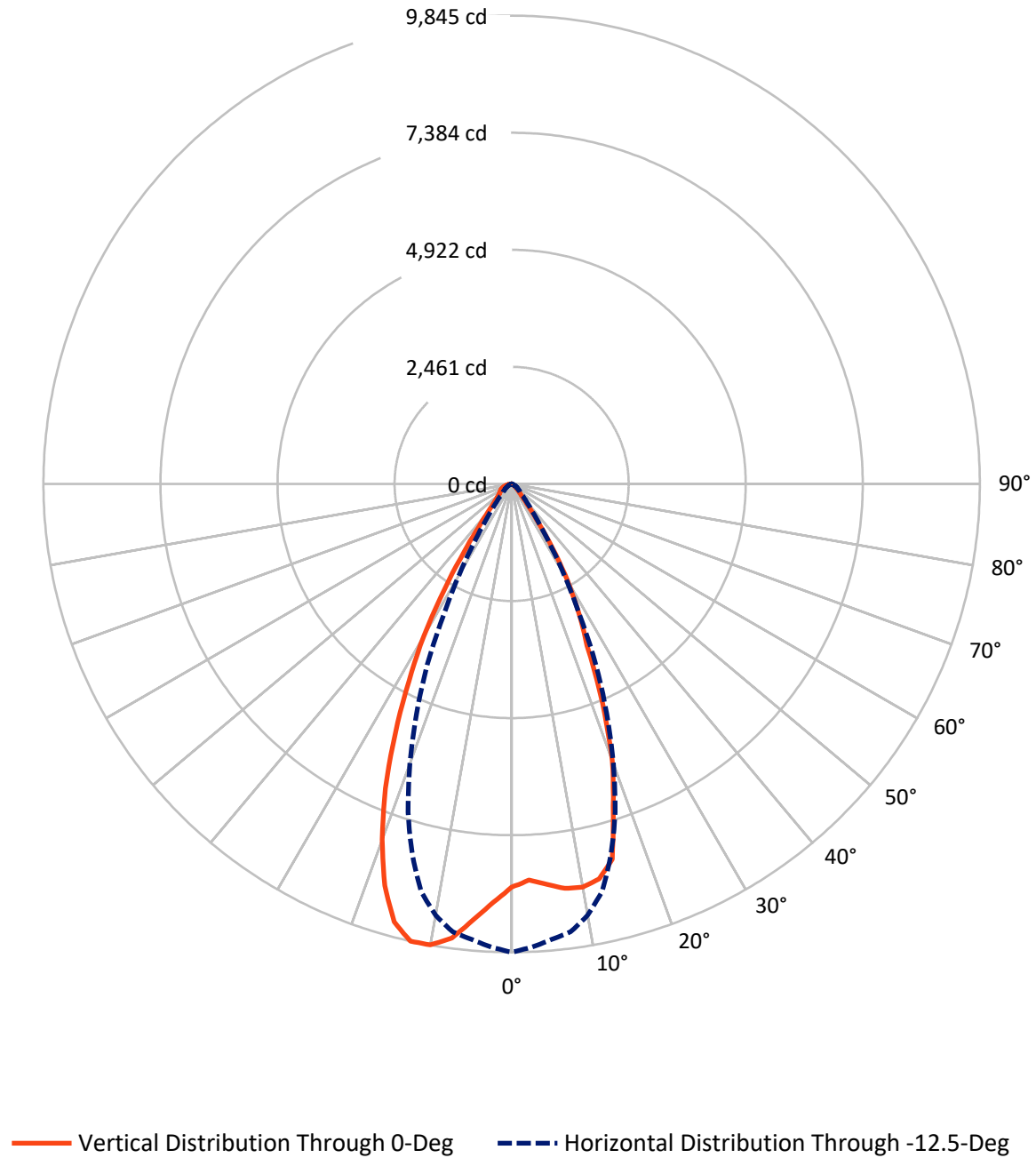
CATALOG NUMBER: GFLD-SA1E-735-U-MWR-VSR-XX

### Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.0	0.2	0.6	1.0	1.3	1.6	1.6	1.3	1.0	0.6	0.2	0.0		0.0			
40	0.0	0.0	0.3	1.0	2.0	3.2	4.8	5.9	5.9	4.8	3.2	2.0	1.0	0.3	0.0				
30		0.1	0.8	2.0	4.2	9.1	20.7	31.7	31.7	20.7	9.1	4.2	2.0	0.8	0.1				
20	0.1	0.3	1.3	3.3	8.8	32.7	84.1	117.6	117.6	84.1	32.7	8.8	3.3	1.3	0.3				
10		0.5	1.8	5.1	21.0	90.7	189.2	234.3	234.3	189.2	90.7	21.0	5.1	1.8	0.5				
0	0.1	0.6	2.3	6.5	33.4	133.6	244.0	264.5	264.5	244.0	133.6	33.4	6.5	2.3	0.6				
-10		0.7	2.5	7.0	35.0	138.0	252.8	280.8	280.8	252.8	138.0	35.0	7.0	2.5	0.7				
-20	0.2	0.8	2.5	6.4	25.0	102.7	213.3	272.3	272.3	213.3	102.7	25.0	6.4	2.5	0.8				
-30		0.7	2.4	5.3	14.0	49.8	118.8	167.2	167.2	118.8	49.8	14.0	5.3	2.4	0.7				
-40	0.2	0.7	2.2	4.4	8.3	17.7	37.1	55.1	55.1	37.1	17.7	8.3	4.4	2.2	0.7				
-50		0.5	1.8	3.7	6.1	9.0	12.7	15.0	15.0	12.7	9.0	6.1	3.7	1.8	0.5				
-60	0.1	0.4	1.4	2.9	4.8	6.6	8.3	9.1	9.1	8.3	6.6	4.8	2.9	1.4	0.4				
-70		0.3	0.9	2.0	3.4	4.7	6.0	6.7	6.7	6.0	4.7	3.4	2.0	0.9	0.3				
-80	0.1	0.8	3.5	7.5	9.7	7.5	3.5	0.8	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

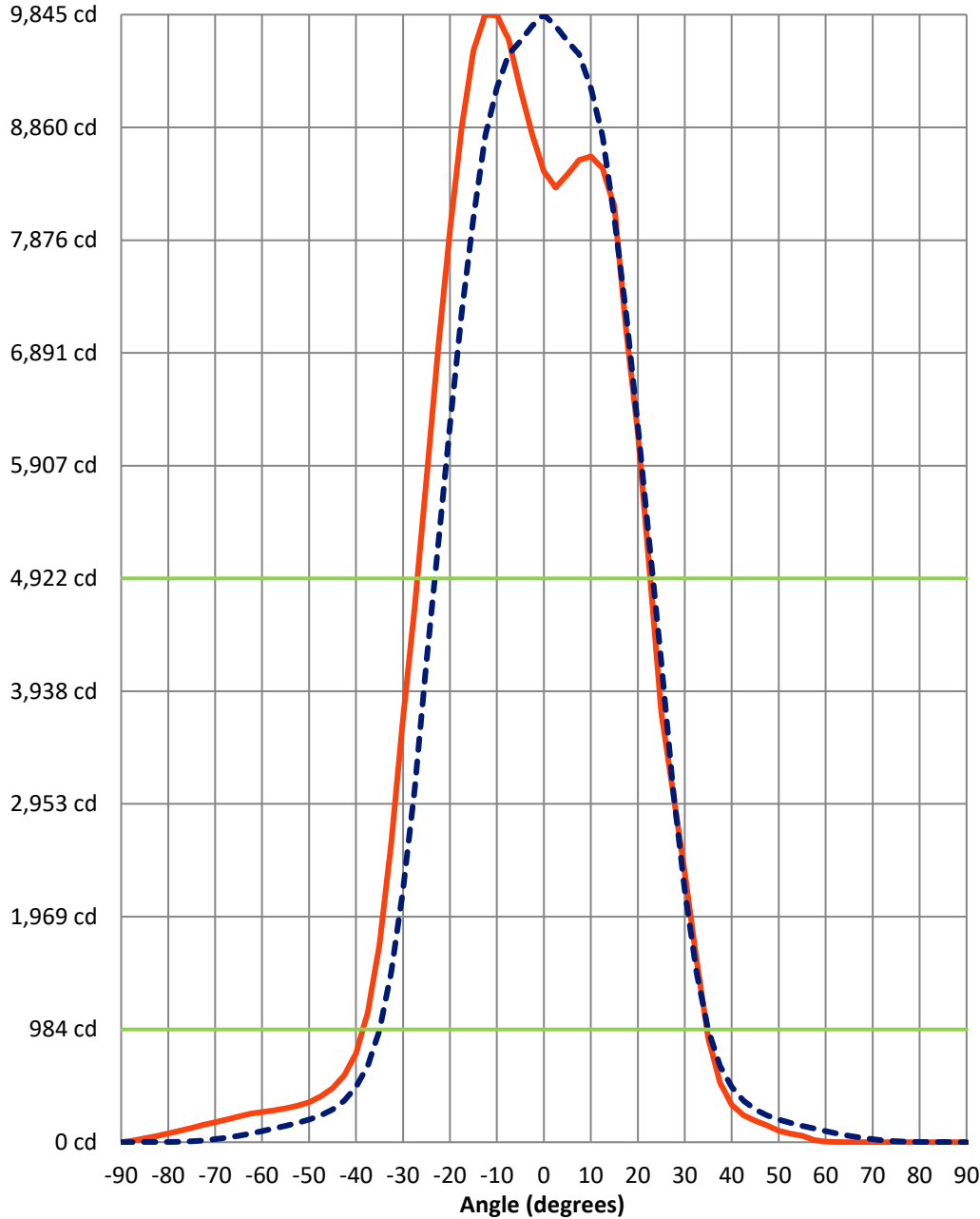
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 4706.7  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 6333.8  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 693.2  
 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	1	1	0	0	0	1	0
62.5°	0	0	0	1	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	2	1	2	2
52.5°	0	0	0	1	1	1	1	2	2	2	2
50°	0	0	0	1	1	1	1	2	2	2	2
47.5°	0	0	1	2	1	1	2	2	2	2	2
45°	0	0	1	2	1	1	2	2	2	2	3
42.5°	0	0	1	2	1	1	2	2	2	2	3
40°	0	0	1	2	1	2	2	2	2	3	4
37.5°	0	0	1	2	1	2	2	2	3	4	4
35°	0	0	1	2	2	2	2	2	3	5	6
32.5°	0	0	1	2	2	2	3	2	4	6	10
30°	0	0	1	2	2	2	3	3	4	7	13
27.5°	0	0	1	2	2	2	3	3	5	9	16
25°	0	0	1	2	2	2	3	4	7	11	19
22.5°	0	0	1	2	2	3	3	4	8	13	22
20°	0	0	1	2	2	3	3	5	9	15	26
17.5°	0	0	1	2	2	3	3	5	11	17	29
15°	0	0	1	2	2	3	3	6	12	19	33
12.5°	0	0	2	2	2	3	4	7	13	21	36
10°	0	0	2	2	2	3	4	8	15	23	39
7.5°	0	0	2	2	2	3	4	10	16	26	42
5°	0	0	2	2	2	3	4	11	16	29	44
2.5°	0	0	2	2	2	3	5	12	17	31	46
0°	0	0	2	2	2	3	5	13	18	34	47
-2.5°	0	0	2	2	2	3	6	13	20	35	49
-5°	0	0	2	2	2	4	6	14	22	37	51
-7.5°	0	0	2	2	2	4	7	14	24	38	53
-10°	0	0	2	2	2	4	8	14	26	39	55
-12.5°	0	0	2	2	2	4	8	14	27	40	56
-15°	0	0	2	2	2	4	9	15	27	40	56
-17.5°	0	0	1	2	2	4	9	15	27	40	56
-20°	0	0	1	2	2	4	9	16	27	40	56

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CATALOG NUMBER: GFLD-SA1E-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	2	2	4	9	16	26	39	54
-25°	0	0	1	2	2	4	9	16	26	39	52
-27.5°	0	0	1	2	2	5	9	16	25	37	51
-30°	0	0	1	2	2	5	9	16	25	36	49
-32.5°	0	0	1	2	2	5	9	16	24	35	47
-35°	0	0	1	2	3	5	9	15	24	34	45
-37.5°	0	0	1	2	3	5	9	15	23	33	44
-40°	0	0	1	2	3	5	9	14	21	32	44
-42.5°	0	0	1	2	3	5	9	14	20	30	42
-45°	0	0	1	2	3	5	9	13	19	28	40
-47.5°	0	0	1	2	3	5	8	13	18	26	38
-50°	0	0	1	2	3	5	8	12	17	25	35
-52.5°	0	0	1	2	3	5	8	12	17	24	32
-55°	0	0	1	2	3	5	8	11	16	22	30
-57.5°	0	0	1	2	3	5	7	10	15	21	28
-60°	0	0	1	2	3	4	7	10	14	19	25
-62.5°	0	0	1	2	3	4	6	9	13	18	23
-65°	0	0	1	2	3	4	6	8	12	16	21
-67.5°	0	0	1	2	3	4	5	8	10	14	19
-70°	0	0	1	2	3	3	5	7	9	12	16
-72.5°	0	0	1	2	2	3	4	6	8	10	13
-75°	0	0	1	2	2	3	4	5	6	9	11
-77.5°	0	0	1	1	2	3	4	5	6	7	9
-80°	0	0	1	1	2	2	3	4	5	6	7
-82.5°	0	0	0	1	1	2	2	3	4	5	6
-85°	0	0	0	1	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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**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	2	4
57.5°	2	1	1	2	2	2	2	2	6	10	11
55°	2	2	2	2	2	3	4	9	13	17	18
52.5°	2	2	2	3	4	6	11	16	21	24	28
50°	2	3	3	4	7	13	19	25	30	35	42
47.5°	3	3	5	7	13	20	28	35	42	49	58
45°	3	5	7	13	20	29	38	47	53	62	70
42.5°	4	8	12	18	28	39	49	56	64	73	83
40°	7	11	17	26	37	50	59	67	75	88	100
37.5°	10	16	23	34	48	60	69	78	90	105	120
35°	13	20	30	43	58	70	80	91	107	124	142
32.5°	17	24	37	52	67	79	90	107	123	142	167
30°	21	30	45	61	74	87	103	121	138	161	190
27.5°	25	36	52	68	82	95	116	134	153	179	214
25°	29	43	59	74	89	105	128	147	167	200	247
22.5°	34	49	66	80	95	116	141	165	190	223	281
20°	39	55	72	87	102	127	154	183	218	264	340
17.5°	44	60	78	95	112	138	169	203	247	304	415
15°	48	65	83	102	123	150	184	226	278	350	488
12.5°	53	69	89	109	132	161	196	242	304	407	581
10°	56	73	94	116	140	170	208	256	326	448	650
7.5°	59	77	99	122	146	178	217	268	344	481	704
5°	62	82	103	127	152	184	225	276	360	505	746
2.5°	64	86	107	131	155	190	231	285	375	524	781
0°	66	90	110	134	158	194	236	290	387	537	809
-2.5°	69	92	114	136	163	196	238	295	391	539	803
-5°	70	94	117	138	166	198	238	297	391	535	787
-7.5°	72	95	119	140	168	199	239	296	387	526	760
-10°	73	96	120	142	169	199	237	292	377	509	719
-12.5°	75	97	120	143	169	198	234	285	363	483	667
-15°	76	97	120	142	168	196	229	276	344	448	603
-17.5°	76	97	119	141	166	192	222	265	326	418	557
-20°	76	97	119	139	164	189	218	257	311	389	501

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CATALOG NUMBER: GFLD-SA1E-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°	75	96	118	137	161	186	212	247	292	356	446
-25°	74	95	116	136	158	182	206	236	275	331	407
-27.5°	71	93	114	134	154	177	200	227	261	305	365
-30°	68	91	111	131	151	172	194	217	247	285	333
-32.5°	64	88	107	127	147	167	188	209	235	266	304
-35°	62	84	104	122	142	162	181	201	222	250	283
-37.5°	60	80	100	117	136	155	174	193	213	235	264
-40°	58	76	96	113	130	149	167	185	203	225	248
-42.5°	56	73	91	109	125	142	160	177	195	215	236
-45°	53	69	87	103	119	136	152	169	186	206	225
-47.5°	50	65	82	97	113	129	145	161	177	195	214
-50°	47	61	76	90	104	120	137	153	168	183	200
-52.5°	43	56	70	84	97	110	127	143	159	174	188
-55°	39	51	64	77	90	102	117	133	148	163	178
-57.5°	36	46	58	70	83	96	109	123	138	152	167
-60°	33	41	51	63	76	88	101	114	127	141	154
-62.5°	30	37	45	55	67	79	91	103	116	128	140
-65°	27	33	40	48	57	68	80	92	103	114	124
-67.5°	24	29	34	41	49	58	67	78	89	99	108
-70°	20	25	30	35	41	49	57	66	74	83	93
-72.5°	17	21	25	29	35	41	48	55	62	70	78
-75°	14	17	21	24	29	34	39	45	51	58	64
-77.5°	11	14	16	19	23	27	31	36	41	46	51
-80°	8	10	13	15	18	21	24	27	30	34	39
-82.5°	7	8	9	11	13	15	17	19	22	25	28
-85°	5	6	6	7	8	10	11	12	14	16	18
-87.5°	2	3	3	4	4	5	5	6	7	7	8
-90°	0	0	0	0	0	0	0	0	0	0	0



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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	6	7	6	5	5
57.5°	11	12	14	16	18	19	21	22	24	24	25
55°	21	25	29	31	35	40	45	45	46	47	50
52.5°	33	38	40	44	51	55	57	61	65	69	73
50°	48	52	57	63	70	74	76	82	90	97	101
47.5°	63	69	78	88	94	99	106	114	123	133	140
45°	77	87	98	108	116	124	133	144	158	171	181
42.5°	93	104	116	127	135	149	165	177	198	215	226
40°	112	123	139	153	170	188	215	240	266	295	316
37.5°	134	151	174	197	222	248	297	346	387	444	476
35°	161	188	220	253	294	356	427	524	624	707	787
32.5°	193	226	271	330	398	498	605	782	955	1128	1297
30°	223	272	340	422	533	692	893	1167	1464	1724	1959
27.5°	264	333	422	544	734	966	1338	1718	2096	2434	2676
25°	313	406	532	734	1007	1393	1891	2358	2801	3132	3411
22.5°	384	523	702	959	1456	1992	2589	3175	3674	4091	4365
20°	473	661	960	1425	2010	2680	3448	4065	4679	5148	5567
17.5°	597	897	1319	1911	2609	3503	4293	4982	5761	6240	6668
15°	709	1094	1697	2451	3269	4217	5149	5992	6744	7271	7749
12.5°	851	1304	1997	2884	3779	4834	5803	6706	7443	7985	8319
10°	978	1520	2297	3225	4226	5329	6333	7273	7986	8405	8651
7.5°	1081	1699	2540	3516	4573	5683	6744	7677	8359	8710	8878
5°	1161	1831	2730	3755	4853	5989	7071	7984	8559	8849	8943
2.5°	1220	1924	2858	3912	5042	6214	7320	8219	8710	8919	8950
0°	1261	1989	2941	4011	5204	6295	7454	8368	8834	9002	9018
-2.5°	1251	1965	2937	3975	5185	6332	7476	8377	8876	9102	9139
-5°	1226	1910	2840	3874	5038	6186	7277	8229	8842	9182	9333
-7.5°	1177	1814	2673	3679	4799	5948	7061	8048	8753	9233	9528
-10°	1093	1675	2460	3433	4537	5632	6732	7757	8516	9093	9504
-12.5°	979	1485	2200	3085	4194	5216	6258	7240	8069	8780	9205
-15°	861	1288	1930	2740	3706	4712	5674	6638	7456	8122	8652
-17.5°	777	1115	1618	2326	3174	4129	5068	5953	6691	7317	7873
-20°	671	922	1320	1915	2662	3497	4396	5184	5843	6430	6961

Classified

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

Scaled Data Report



REPORT NUMBER: P626796 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	586	790	1077	1483	2154	2890	3626	4351	4971	5493	5947
-25°	509	652	877	1207	1643	2279	2899	3512	4084	4569	4977
-27.5°	449	563	712	947	1278	1649	2193	2705	3197	3640	4025
-30°	394	479	596	744	969	1244	1571	1954	2346	2696	3046
-32.5°	355	415	496	605	731	928	1126	1383	1632	1887	2138
-35°	319	368	423	496	582	698	828	985	1118	1285	1439
-37.5°	295	329	371	417	479	543	632	727	809	903	981
-40°	275	302	330	361	404	447	504	558	610	667	709
-42.5°	258	280	300	324	349	384	422	456	487	521	549
-45°	245	261	277	296	315	340	367	392	413	432	447
-47.5°	231	245	260	274	290	309	326	342	360	374	384
-50°	216	231	244	257	271	285	299	312	324	335	341
-52.5°	203	218	231	242	254	266	277	289	300	309	314
-55°	192	206	219	230	240	250	260	271	281	290	293
-57.5°	181	195	208	217	226	235	245	255	265	273	276
-60°	168	183	194	203	212	222	231	240	249	256	259
-62.5°	152	165	176	184	193	201	211	220	230	237	242
-65°	134	145	155	164	172	180	189	198	206	213	218
-67.5°	118	126	135	142	150	158	167	175	183	189	193
-70°	101	110	117	125	132	139	146	153	159	165	168
-72.5°	86	93	99	106	112	119	125	131	136	141	144
-75°	71	77	83	88	94	99	103	108	112	116	119
-77.5°	56	61	66	70	75	79	83	86	89	93	96
-80°	43	46	50	53	57	60	63	65	68	70	73
-82.5°	31	33	35	38	40	42	44	46	48	50	51
-85°	19	21	22	23	25	26	27	28	30	31	32
-87.5°	9	10	10	11	12	12	13	13	14	15	15
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626796 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-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	2	2	2	2	2	1	1	1	1	1
60°	5	5	5	5	5	5	5	5	5	6	7
57.5°	24	23	21	19	21	23	24	25	24	24	22
55°	53	56	57	57	57	56	53	50	47	46	45
52.5°	75	76	76	74	76	76	75	73	69	65	61
50°	102	103	102	100	102	103	102	101	97	90	82
47.5°	144	146	147	147	147	146	144	140	133	123	114
45°	185	187	188	187	188	187	185	181	171	158	144
42.5°	232	236	237	236	237	236	232	226	215	198	177
40°	329	333	331	326	331	333	329	316	295	266	240
37.5°	498	514	521	521	521	514	498	476	444	387	346
35°	859	917	943	910	943	917	859	787	707	624	524
32.5°	1435	1537	1595	1595	1595	1537	1435	1297	1128	955	782
30°	2137	2265	2337	2352	2337	2265	2137	1959	1724	1464	1167
27.5°	2865	2997	3066	3056	3066	2997	2865	2676	2434	2096	1718
25°	3595	3695	3753	3755	3753	3695	3595	3411	3132	2801	2358
22.5°	4674	4885	4971	4994	4971	4885	4674	4365	4091	3674	3175
20°	5850	6054	6186	6194	6186	6054	5850	5567	5148	4679	4065
17.5°	6971	7072	7091	7099	7091	7072	6971	6668	6240	5761	4982
15°	8027	8063	8156	8168	8156	8063	8027	7749	7271	6744	5992
12.5°	8529	8561	8545	8502	8545	8561	8529	8319	7985	7443	6706
10°	8802	8756	8689	8607	8689	8756	8802	8651	8405	7986	7273
7.5°	8864	8813	8693	8574	8693	8813	8864	8878	8710	8359	7677
5°	8894	8745	8593	8449	8593	8745	8894	8943	8849	8559	7984
2.5°	8876	8699	8491	8336	8491	8699	8876	8950	8919	8710	8219
0°	8933	8754	8536	8478	8536	8754	8933	9018	9002	8834	8368
-2.5°	9090	8945	8832	8800	8832	8945	9090	9139	9102	8876	8377
-5°	9374	9342	9149	9194	9149	9342	9374	9333	9182	8842	8229
-7.5°	9648	9603	9521	9627	9521	9603	9648	9528	9233	8753	8048
-10°	9721	9706	9744	9838	9744	9706	9721	9504	9093	8516	7757
-12.5°	9498	9615	9746	9845	9746	9615	9498	9205	8780	8069	7240
-15°	9000	9239	9435	9528	9435	9239	9000	8652	8122	7456	6638
-17.5°	8266	8560	8792	8859	8792	8560	8266	7873	7317	6691	5953
-20°	7363	7662	7873	7958	7873	7662	7363	6961	6430	5843	5184

Classified

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

Scaled Data Report



REPORT NUMBER: P626796 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	6347	6638	6830	6931	6830	6638	6347	5947	5493	4971	4351
-25°	5316	5572	5742	5787	5742	5572	5316	4977	4569	4084	3512
-27.5°	4329	4535	4661	4675	4661	4535	4329	4025	3640	3197	2705
-30°	3337	3528	3637	3695	3637	3528	3337	3046	2696	2346	1954
-32.5°	2344	2496	2588	2612	2588	2496	2344	2138	1887	1632	1383
-35°	1563	1657	1715	1727	1715	1657	1563	1439	1285	1118	985
-37.5°	1045	1091	1119	1133	1119	1091	1045	981	903	809	727
-40°	740	762	774	776	774	762	740	709	667	610	558
-42.5°	566	577	583	584	583	577	566	549	521	487	456
-45°	457	465	470	471	470	465	457	447	432	413	392
-47.5°	391	396	399	400	399	396	391	384	374	360	342
-50°	345	348	349	349	349	348	345	341	335	324	312
-52.5°	316	318	319	318	319	318	316	314	309	300	289
-55°	295	296	296	295	296	296	295	293	290	281	271
-57.5°	278	280	279	278	279	280	278	276	273	265	255
-60°	262	264	264	263	264	264	262	259	256	249	240
-62.5°	246	249	249	249	249	249	246	242	237	230	220
-65°	222	226	226	224	226	226	222	218	213	206	198
-67.5°	196	199	199	199	199	199	196	193	189	183	175
-70°	172	175	175	174	175	175	172	168	165	159	153
-72.5°	148	151	152	152	152	151	148	144	141	136	131
-75°	122	125	125	124	125	125	122	119	116	112	108
-77.5°	98	101	101	100	101	101	98	96	93	89	86
-80°	75	77	77	76	77	77	75	73	70	68	65
-82.5°	53	55	54	53	54	55	53	51	50	48	46
-85°	33	34	34	34	34	34	33	32	31	30	28
-87.5°	16	16	15	15	15	16	16	15	15	14	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626796 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-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	1	1	0	0	1	0	0	1
60°	6	4	5	5	4	3	4	4	2	1	1
57.5°	21	19	18	16	14	12	11	11	10	6	2
55°	45	40	35	31	29	25	21	18	17	13	9
52.5°	57	55	51	44	40	38	33	28	24	21	16
50°	76	74	70	63	57	52	48	42	35	30	25
47.5°	106	99	94	88	78	69	63	58	49	42	35
45°	133	124	116	108	98	87	77	70	62	53	47
42.5°	165	149	135	127	116	104	93	83	73	64	56
40°	215	188	170	153	139	123	112	100	88	75	67
37.5°	297	248	222	197	174	151	134	120	105	90	78
35°	427	356	294	253	220	188	161	142	124	107	91
32.5°	605	498	398	330	271	226	193	167	142	123	107
30°	893	692	533	422	340	272	223	190	161	138	121
27.5°	1338	966	734	544	422	333	264	214	179	153	134
25°	1891	1393	1007	734	532	406	313	247	200	167	147
22.5°	2589	1992	1456	959	702	523	384	281	223	190	165
20°	3448	2680	2010	1425	960	661	473	340	264	218	183
17.5°	4293	3503	2609	1911	1319	897	597	415	304	247	203
15°	5149	4217	3269	2451	1697	1094	709	488	350	278	226
12.5°	5803	4834	3779	2884	1997	1304	851	581	407	304	242
10°	6333	5329	4226	3225	2297	1520	978	650	448	326	256
7.5°	6744	5683	4573	3516	2540	1699	1081	704	481	344	268
5°	7071	5989	4853	3755	2730	1831	1161	746	505	360	276
2.5°	7320	6214	5042	3912	2858	1924	1220	781	524	375	285
0°	7454	6295	5204	4011	2941	1989	1261	809	537	387	290
-2.5°	7476	6332	5185	3975	2937	1965	1251	803	539	391	295
-5°	7277	6186	5038	3874	2840	1910	1226	787	535	391	297
-7.5°	7061	5948	4799	3679	2673	1814	1177	760	526	387	296
-10°	6732	5632	4537	3433	2460	1675	1093	719	509	377	292
-12.5°	6258	5216	4194	3085	2200	1485	979	667	483	363	285
-15°	5674	4712	3706	2740	1930	1288	861	603	448	344	276
-17.5°	5068	4129	3174	2326	1618	1115	777	557	418	326	265
-20°	4396	3497	2662	1915	1320	922	671	501	389	311	257

Classified

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

Scaled Data Report



REPORT NUMBER: P626796 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	3626	2890	2154	1483	1077	790	586	446	356	292	247
-25°	2899	2279	1643	1207	877	652	509	407	331	275	236
-27.5°	2193	1649	1278	947	712	563	449	365	305	261	227
-30°	1571	1244	969	744	596	479	394	333	285	247	217
-32.5°	1126	928	731	605	496	415	355	304	266	235	209
-35°	828	698	582	496	423	368	319	283	250	222	201
-37.5°	632	543	479	417	371	329	295	264	235	213	193
-40°	504	447	404	361	330	302	275	248	225	203	185
-42.5°	422	384	349	324	300	280	258	236	215	195	177
-45°	367	340	315	296	277	261	245	225	206	186	169
-47.5°	326	309	290	274	260	245	231	214	195	177	161
-50°	299	285	271	257	244	231	216	200	183	168	153
-52.5°	277	266	254	242	231	218	203	188	174	159	143
-55°	260	250	240	230	219	206	192	178	163	148	133
-57.5°	245	235	226	217	208	195	181	167	152	138	123
-60°	231	222	212	203	194	183	168	154	141	127	114
-62.5°	211	201	193	184	176	165	152	140	128	116	103
-65°	189	180	172	164	155	145	134	124	114	103	92
-67.5°	167	158	150	142	135	126	118	108	99	89	78
-70°	146	139	132	125	117	110	101	93	83	74	66
-72.5°	125	119	112	106	99	93	86	78	70	62	55
-75°	103	99	94	88	83	77	71	64	58	51	45
-77.5°	83	79	75	70	66	61	56	51	46	41	36
-80°	63	60	57	53	50	46	43	39	34	30	27
-82.5°	44	42	40	38	35	33	31	28	25	22	19
-85°	27	26	25	23	22	21	19	18	16	14	12
-87.5°	13	12	12	11	10	10	9	8	7	7	6
-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: P626796 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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	1	0	0	0	0	0	0
65°	1	0	0	0	1	1	1	0	1	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	2	2	2	2	1	2
52.5°	11	6	4	3	2	2	2	2	2	2	2
50°	19	13	7	4	3	3	2	2	2	2	2
47.5°	28	20	13	7	5	3	3	2	2	2	2
45°	38	29	20	13	7	5	3	3	2	2	2
42.5°	49	39	28	18	12	8	4	3	2	2	2
40°	59	50	37	26	17	11	7	4	3	2	2
37.5°	69	60	48	34	23	16	10	4	4	3	2
35°	80	70	58	43	30	20	13	6	5	3	2
32.5°	90	79	67	52	37	24	17	10	6	4	2
30°	103	87	74	61	45	30	21	13	7	4	3
27.5°	116	95	82	68	52	36	25	16	9	5	3
25°	128	105	89	74	59	43	29	19	11	7	4
22.5°	141	116	95	80	66	49	34	22	13	8	4
20°	154	127	102	87	72	55	39	26	15	9	5
17.5°	169	138	112	95	78	60	44	29	17	11	5
15°	184	150	123	102	83	65	48	33	19	12	6
12.5°	196	161	132	109	89	69	53	36	21	13	7
10°	208	170	140	116	94	73	56	39	23	15	8
7.5°	217	178	146	122	99	77	59	42	26	16	10
5°	225	184	152	127	103	82	62	44	29	16	11
2.5°	231	190	155	131	107	86	64	46	31	17	12
0°	236	194	158	134	110	90	66	47	34	18	13
-2.5°	238	196	163	136	114	92	69	49	35	20	13
-5°	238	198	166	138	117	94	70	51	37	22	14
-7.5°	239	199	168	140	119	95	72	53	38	24	14
-10°	237	199	169	142	120	96	73	55	39	26	14
-12.5°	234	198	169	143	120	97	75	56	40	27	14
-15°	229	196	168	142	120	97	76	56	40	27	15
-17.5°	222	192	166	141	119	97	76	56	40	27	15
-20°	218	189	164	139	119	97	76	56	40	27	16

Classified

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

Scaled Data Report



REPORT NUMBER: P626796 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	212	186	161	137	118	96	75	54	39	26	16
-25°	206	182	158	136	116	95	74	52	39	26	16
-27.5°	200	177	154	134	114	93	71	51	37	25	16
-30°	194	172	151	131	111	91	68	49	36	25	16
-32.5°	188	167	147	127	107	88	64	47	35	24	16
-35°	181	162	142	122	104	84	62	45	34	24	15
-37.5°	174	155	136	117	100	80	60	44	33	23	15
-40°	167	149	130	113	96	76	58	44	32	21	14
-42.5°	160	142	125	109	91	73	56	42	30	20	14
-45°	152	136	119	103	87	69	53	40	28	19	13
-47.5°	145	129	113	97	82	65	50	38	26	18	13
-50°	137	120	104	90	76	61	47	35	25	17	12
-52.5°	127	110	97	84	70	56	43	32	24	17	12
-55°	117	102	90	77	64	51	39	30	22	16	11
-57.5°	109	96	83	70	58	46	36	28	21	15	10
-60°	101	88	76	63	51	41	33	25	19	14	10
-62.5°	91	79	67	55	45	37	30	23	18	13	9
-65°	80	68	57	48	40	33	27	21	16	12	8
-67.5°	67	58	49	41	34	29	24	19	14	10	8
-70°	57	49	41	35	30	25	20	16	12	9	7
-72.5°	48	41	35	29	25	21	17	13	10	8	6
-75°	39	34	29	24	21	17	14	11	9	6	5
-77.5°	31	27	23	19	16	14	11	9	7	6	5
-80°	24	21	18	15	13	10	8	7	6	5	4
-82.5°	17	15	13	11	9	8	7	6	5	4	3
-85°	11	10	8	7	6	6	5	4	3	3	2
-87.5°	5	5	4	4	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: P626796 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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	1	1	0	0	0	0
62.5°	0	1	1	1	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	2	1	0	0
45°	2	1	1	2	1	0	0
42.5°	2	1	1	2	1	0	0
40°	2	2	1	2	1	0	0
37.5°	2	2	1	2	1	0	0
35°	2	2	2	2	1	0	0
32.5°	3	2	2	2	1	0	0
30°	3	2	2	2	1	0	0
27.5°	3	2	2	2	1	0	0
25°	3	2	2	2	1	0	0
22.5°	3	3	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°	4	3	2	2	2	0	0
10°	4	3	2	2	2	0	0
7.5°	4	3	2	2	2	0	0
5°	4	3	2	2	2	0	0
2.5°	5	3	2	2	2	0	0
0°	5	3	2	2	2	0	0
-2.5°	6	3	2	2	2	0	0
-5°	6	4	2	2	2	0	0
-7.5°	7	4	2	2	2	0	0
-10°	8	4	2	2	2	0	0
-12.5°	8	4	2	2	2	0	0
-15°	9	4	2	2	2	0	0
-17.5°	9	4	2	2	1	0	0
-20°	9	4	2	2	1	0	0

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CATALOG NUMBER: GFLD-SA1E-735-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	5	2	2	1	0	0
-30°	9	5	2	2	1	0	0
-32.5°	9	5	2	2	1	0	0
-35°	9	5	3	2	1	0	0
-37.5°	9	5	3	2	1	0	0
-40°	9	5	3	2	1	0	0
-42.5°	9	5	3	2	1	0	0
-45°	9	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°	8	5	3	2	1	0	0
-55°	8	5	3	2	1	0	0
-57.5°	7	5	3	2	1	0	0
-60°	7	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	4	3	2	1	0	0
-70°	5	3	3	2	1	0	0
-72.5°	4	3	2	2	1	0	0
-75°	4	3	2	2	1	0	0
-77.5°	4	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	1	0	0	0
-87.5°	1	1	0	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)