

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: P626976 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-735-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626976 (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-SA2D-735-U-MWR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (32) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13030.5 lumens  
Efficiency: N/A  
Efficacy: 119.9 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V  
Max Intensity: 18255.6 candela  
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 8727.8 lumens  
Beam Efficiency: 67.0%

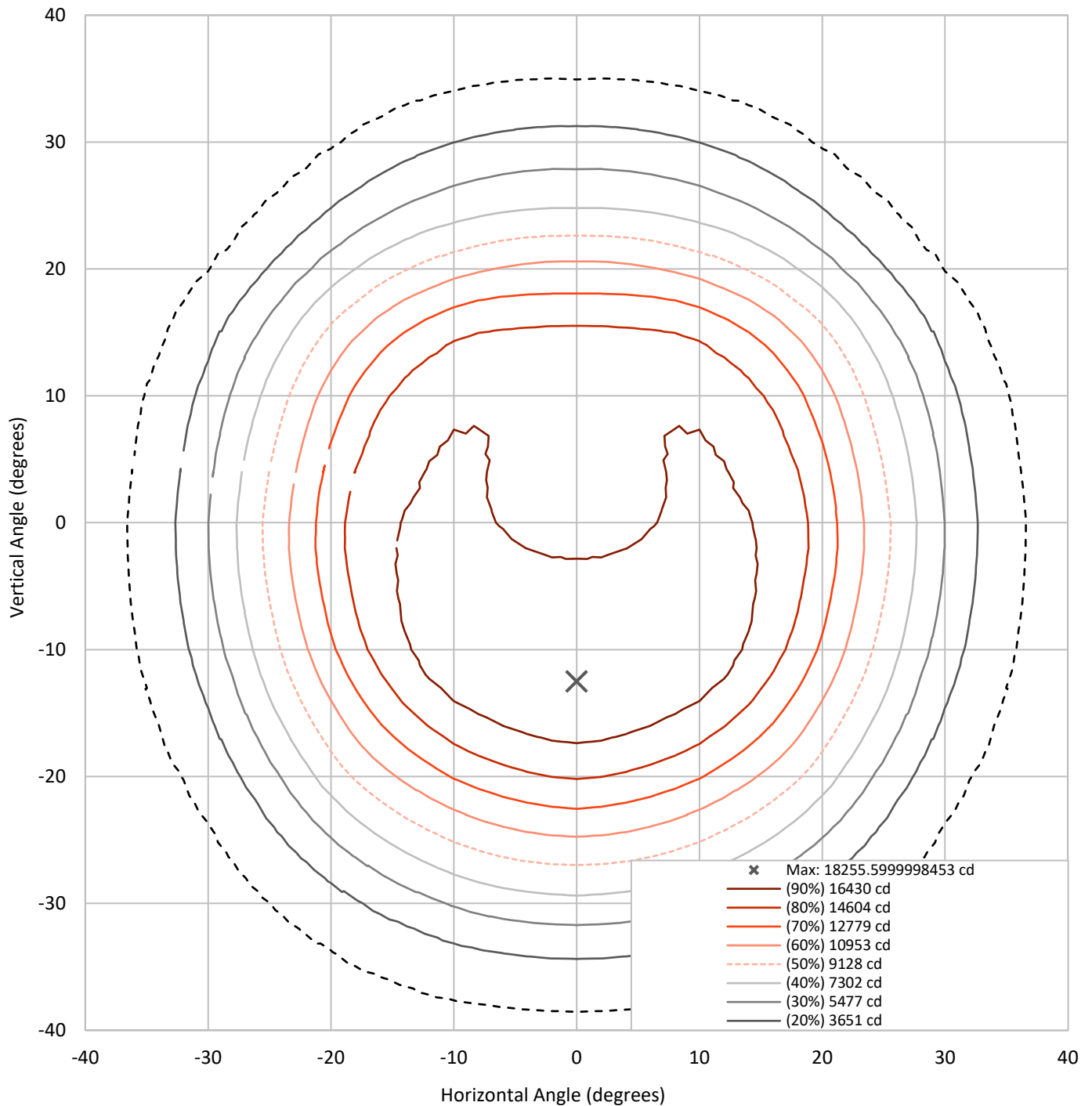
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 11745 lumens  
Field Efficiency: 90.1%

Input Watts (W): 108.7  
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: P626976 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2D-735-U-MWR-VSR-XX

### Iso-Candela Plot





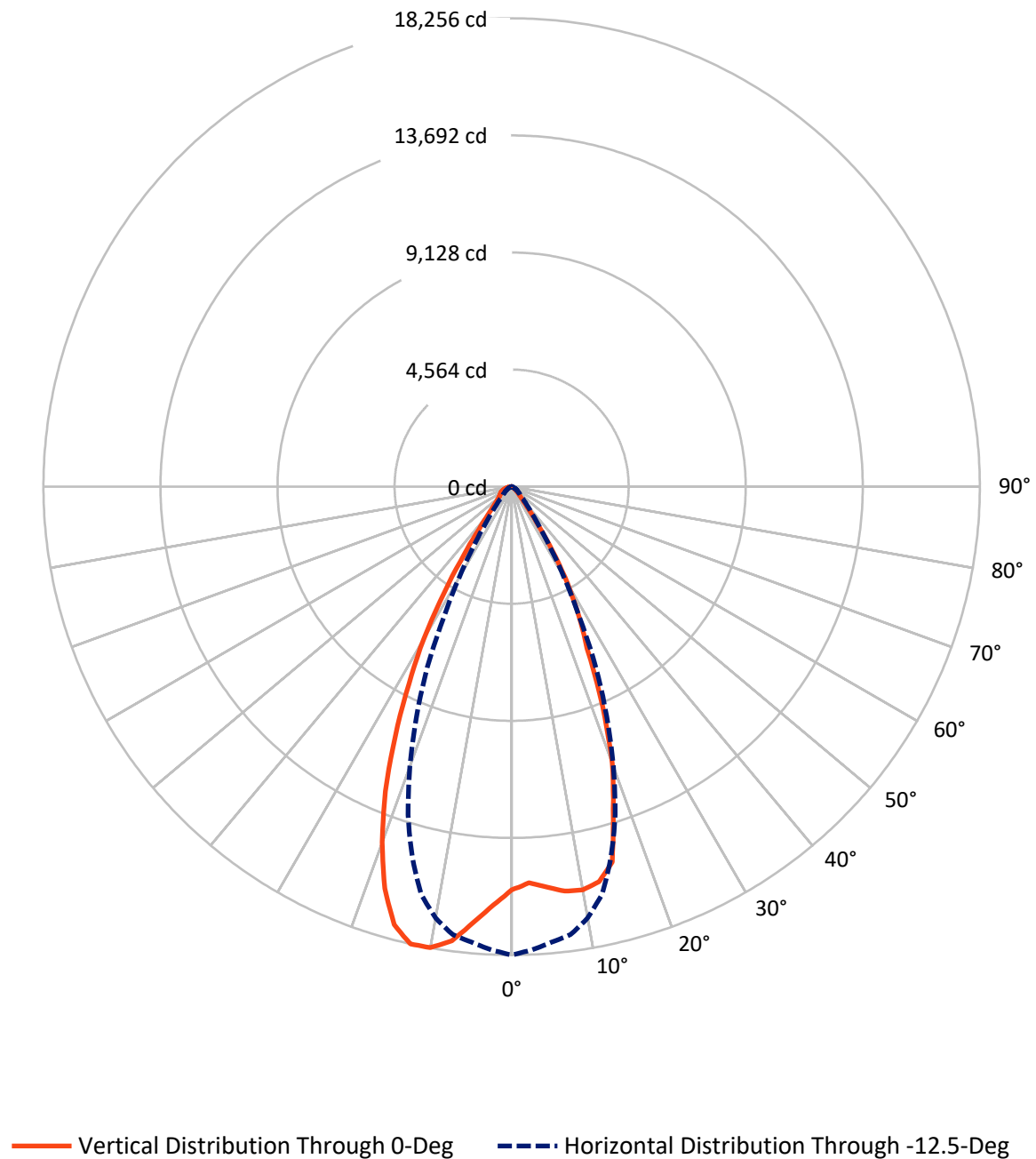
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### Lumen Table

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	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.4	1.1	1.8	2.5	2.9	2.9	2.5	1.8	1.1	0.4	0.1		0.0			
40	0.1	0.1	0.5	1.8	3.7	6.0	8.9	11.0	11.0	8.9	6.0	3.7	1.8	0.5	0.1				
30		0.2	1.4	3.8	7.8	16.9	38.5	58.7	58.7	38.5	16.9	7.8	3.8	1.4		0.2			
20	0.1	0.5	2.4	6.1	16.4	60.6	156.0	218.0	218.0	156.0	60.6	16.4	6.1	2.4	0.1				
10		0.9	3.4	9.4	38.9	168.2	350.9	434.5	434.5	350.9	168.2	38.9	9.4	3.4		0.9			
0	0.3	1.1	4.2	12.1	62.0	247.7	452.5	490.5	490.5	452.5	247.7	62.0	12.1	4.2	0.3				
-10		1.3	4.6	13.0	64.8	255.8	468.7	520.6	520.6	468.7	255.8	64.8	13.0	4.6		1.3			
-20	0.4	1.4	4.7	11.8	46.4	190.5	395.4	504.9	504.9	395.4	190.5	46.4	11.8	4.7	0.4				
-30		1.4	4.5	9.8	25.9	92.4	220.3	310.1	310.1	220.3	92.4	25.9	9.8	4.5		1.4			
-40	0.3	1.2	4.0	8.1	15.5	32.9	68.8	102.2	102.2	68.8	32.9	15.5	8.1	4.0	0.3				
-50		1.0	3.4	6.8	11.3	16.7	23.5	27.8	27.8	23.5	16.7	11.3	6.8	3.4		1.0			
-60	0.2	0.8	2.5	5.3	8.9	12.3	15.3	16.8	16.8	15.3	12.3	8.9	5.3	2.5	0.2				
-70		0.5	1.6	3.6	6.2	8.8	11.2	12.5	12.5	11.2	8.8	6.2	3.6	1.6		0.5			
-80	0.1	1.4		6.6		14.0		17.9		14.0		6.6		1.4	0.1				
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

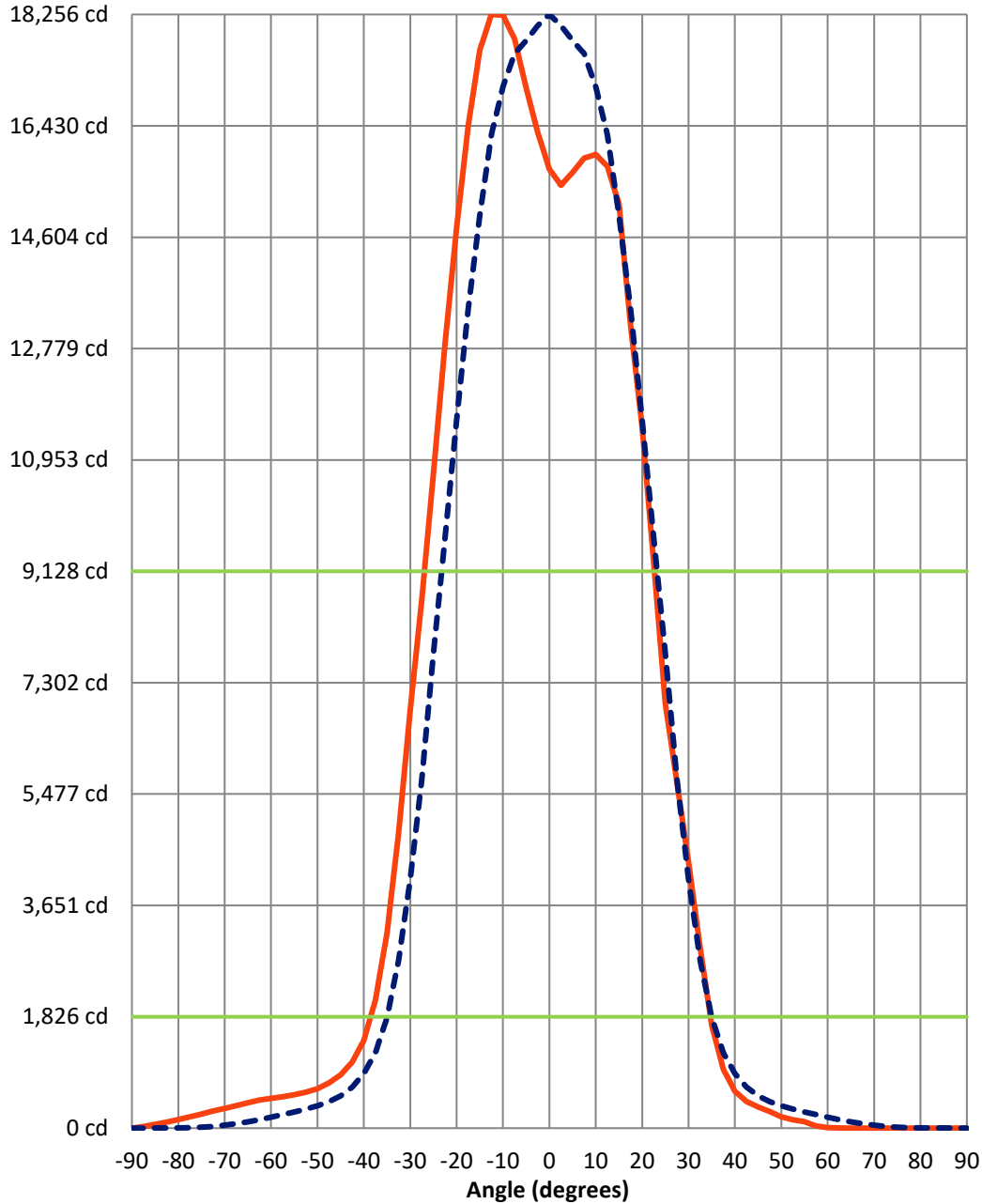
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 8727.8  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 11745  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 1285.5  
 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	1	1	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	0	0
65°	0	0	0	1	1	1	0	0	1	1	1
62.5°	0	0	0	1	2	1	0	1	1	2	2
60°	0	0	0	1	2	1	1	1	2	2	3
57.5°	0	0	0	2	2	1	1	2	3	3	3
55°	0	0	0	2	2	1	2	3	3	3	3
52.5°	0	0	1	2	2	2	2	3	3	3	3
50°	0	0	1	3	2	2	3	3	3	3	3
47.5°	0	0	1	3	2	2	3	3	3	3	4
45°	0	0	1	3	2	2	3	4	3	4	5
42.5°	0	0	1	3	2	3	4	4	3	5	6
40°	0	0	2	3	3	3	4	4	4	6	7
37.5°	0	0	2	3	3	3	4	4	5	7	8
35°	0	0	2	3	3	3	5	4	6	9	11
32.5°	0	0	2	3	3	4	5	5	7	11	18
30°	0	0	2	3	3	4	5	5	8	13	24
27.5°	0	0	2	3	3	4	5	6	10	16	30
25°	0	0	2	3	3	5	6	7	12	20	35
22.5°	0	0	3	3	3	5	6	8	14	25	41
20°	0	0	3	3	3	5	6	9	17	29	47
17.5°	0	0	3	3	3	5	6	10	20	32	54
15°	0	0	3	3	3	5	6	11	22	36	60
12.5°	0	0	3	3	3	6	7	13	25	38	67
10°	0	0	3	3	3	6	7	15	27	43	73
7.5°	0	0	3	3	3	6	8	18	29	48	78
5°	0	0	3	3	3	6	8	20	30	53	81
2.5°	0	0	3	3	3	6	9	22	32	58	84
0°	0	0	3	3	3	6	9	24	33	63	87
-2.5°	0	0	3	3	3	6	11	25	37	66	91
-5°	0	0	3	3	4	7	12	25	41	68	95
-7.5°	0	0	3	3	4	7	13	26	45	70	99
-10°	0	0	3	3	4	7	15	26	47	72	101
-12.5°	0	0	3	3	4	7	16	27	50	73	103
-15°	0	0	3	3	4	7	16	27	50	74	104
-17.5°	0	0	3	3	4	8	17	28	50	74	104
-20°	0	0	3	3	5	8	17	29	49	74	103

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CATALOG NUMBER: GFLD-SA2D-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	1	3	3	5	8	17	30	49	73	100
-25°	0	1	3	3	5	8	17	30	48	71	97
-27.5°	0	1	3	3	5	9	17	30	46	69	94
-30°	0	1	3	3	4	9	17	30	46	68	92
-32.5°	0	1	3	3	5	10	16	29	45	66	88
-35°	0	1	3	3	5	10	16	28	44	63	83
-37.5°	0	1	3	3	5	10	16	28	42	61	82
-40°	0	1	2	3	5	10	16	26	39	59	81
-42.5°	0	1	2	3	5	10	16	25	38	56	78
-45°	0	1	2	3	5	10	16	24	36	52	75
-47.5°	0	1	2	3	5	10	15	23	34	48	70
-50°	0	1	2	3	6	9	15	23	32	46	64
-52.5°	0	1	3	4	6	9	15	21	31	44	59
-55°	0	1	3	4	5	9	14	20	30	41	55
-57.5°	0	1	3	4	5	9	13	19	28	38	51
-60°	0	1	3	4	5	8	13	18	26	36	47
-62.5°	0	1	2	4	5	8	12	17	24	33	43
-65°	0	1	2	4	5	7	11	16	22	30	39
-67.5°	0	1	2	4	5	7	10	14	19	26	35
-70°	0	0	2	4	5	6	9	12	17	23	30
-72.5°	0	0	2	3	5	6	8	11	15	19	25
-75°	0	0	1	3	4	6	7	9	12	16	20
-77.5°	0	0	1	2	4	5	7	8	10	13	16
-80°	0	0	1	2	3	4	6	7	9	11	13
-82.5°	0	0	1	1	2	3	5	6	8	9	11
-85°	0	0	1	1	2	2	3	4	5	6	8
-87.5°	0	0	0	0	1	1	2	2	3	3	4
-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	1	1	1	0	0	0	0	0	0	0
65°	1	2	1	1	0	1	1	1	0	0	0
62.5°	3	2	2	1	2	2	2	1	0	1	1
60°	3	3	2	2	3	3	2	2	2	3	7
57.5°	3	3	3	3	3	3	4	4	11	18	20
55°	3	3	3	4	5	5	8	17	25	31	33
52.5°	3	3	5	6	7	11	21	30	38	45	53
50°	4	5	6	8	13	23	35	46	56	66	77
47.5°	5	6	9	13	24	37	51	65	77	91	107
45°	6	10	13	23	37	54	71	86	99	114	129
42.5°	8	15	22	33	53	72	92	104	118	135	155
40°	12	20	31	48	69	93	110	124	139	162	186
37.5°	18	29	42	64	89	112	128	145	167	194	222
35°	25	37	56	80	108	129	148	169	198	230	263
32.5°	32	44	69	97	123	146	167	198	229	264	309
30°	38	56	83	113	138	161	191	225	256	299	352
27.5°	46	67	96	126	151	176	215	248	283	332	396
25°	53	79	109	138	164	195	238	273	310	371	458
22.5°	63	91	122	149	176	216	261	305	353	414	521
20°	72	102	133	162	188	236	286	340	405	490	631
17.5°	82	112	144	176	208	257	313	377	458	564	770
15°	90	121	155	189	227	278	340	418	516	649	905
12.5°	97	129	165	202	244	298	364	449	565	755	1077
10°	104	135	175	214	259	315	385	475	604	832	1206
7.5°	110	143	184	226	272	330	403	496	639	892	1306
5°	115	152	192	235	281	342	417	512	668	935	1383
2.5°	119	160	198	243	288	352	429	528	696	972	1449
0°	123	168	203	248	293	359	437	539	718	997	1500
-2.5°	127	171	211	253	302	364	441	547	726	1000	1489
-5°	130	174	216	257	308	367	442	550	725	992	1459
-7.5°	133	176	221	259	312	369	442	548	717	976	1409
-10°	136	178	222	263	313	369	440	541	700	944	1334
-12.5°	138	179	223	264	313	367	434	529	673	895	1237
-15°	140	180	222	264	311	363	425	512	637	831	1118
-17.5°	141	181	221	262	308	357	413	492	604	775	1032
-20°	141	180	220	257	305	351	404	476	577	720	928

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CATALOG NUMBER: GFLD-SA2D-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°	140	179	218	254	299	344	394	458	542	660	827
-25°	137	177	215	252	292	337	381	437	510	615	754
-27.5°	132	173	211	248	285	328	370	420	485	565	677
-30°	126	168	205	242	279	319	359	402	458	528	618
-32.5°	119	162	199	235	272	310	348	387	436	494	564
-35°	114	155	192	226	263	300	336	373	413	464	524
-37.5°	112	148	185	218	252	288	323	358	395	435	490
-40°	108	140	177	210	241	276	310	343	377	418	459
-42.5°	103	135	169	202	232	264	296	328	362	399	439
-45°	99	128	161	191	221	252	283	313	346	381	418
-47.5°	94	121	152	179	209	239	269	299	328	361	396
-50°	87	113	141	167	194	223	253	283	312	340	371
-52.5°	80	103	130	156	180	205	236	266	295	323	349
-55°	72	94	118	144	168	189	216	247	275	302	330
-57.5°	66	84	107	131	154	177	202	228	256	282	309
-60°	61	76	95	117	141	163	187	211	236	262	286
-62.5°	55	68	84	102	124	147	169	192	216	237	259
-65°	50	60	73	89	106	127	148	170	191	211	229
-67.5°	44	53	64	75	90	108	125	145	165	183	201
-70°	38	46	55	65	76	90	106	122	138	154	172
-72.5°	32	39	47	55	65	76	89	101	115	130	144
-75°	26	32	38	45	53	63	73	84	95	107	119
-77.5°	20	25	31	36	42	50	58	67	76	85	94
-80°	16	19	23	28	33	38	44	50	56	64	71
-82.5°	13	15	17	20	24	27	31	35	40	46	51
-85°	9	10	12	14	16	18	20	22	26	29	33
-87.5°	4	5	6	7	8	9	10	11	12	14	15
-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°	1	1	1	1	1	1	1	2	2	2	2
60°	8	6	8	10	9	7	11	12	11	9	9
57.5°	21	23	26	30	33	35	38	41	44	45	46
55°	38	46	54	58	64	74	83	83	85	87	92
52.5°	62	71	75	82	94	103	107	113	121	128	135
50°	89	97	106	117	130	138	140	152	167	179	187
47.5°	118	128	144	164	175	184	196	212	228	246	260
45°	144	162	183	201	215	230	247	266	292	317	335
42.5°	173	194	215	236	251	277	306	329	366	399	420
40°	208	228	258	284	315	348	399	445	492	547	587
37.5°	249	281	323	365	411	459	550	642	718	824	883
35°	299	348	408	470	545	660	792	971	1156	1311	1460
32.5°	357	419	502	612	738	924	1122	1451	1771	2091	2406
30°	414	504	631	783	989	1283	1657	2165	2715	3197	3633
27.5°	489	618	783	1009	1360	1791	2481	3186	3887	4513	4962
25°	581	753	986	1360	1868	2583	3507	4372	5195	5808	6325
22.5°	713	971	1302	1779	2700	3694	4800	5888	6812	7585	8095
20°	876	1225	1780	2643	3726	4970	6393	7538	8676	9546	10323
17.5°	1108	1663	2446	3543	4837	6496	7961	9238	10683	11572	12364
15°	1316	2029	3146	4545	6062	7820	9548	11112	12506	13483	14369
12.5°	1579	2419	3703	5349	7007	8964	10761	12435	13801	14806	15426
10°	1814	2818	4259	5980	7837	9881	11743	13486	14809	15586	16042
7.5°	2005	3150	4709	6520	8481	10539	12506	14235	15501	16151	16463
5°	2152	3396	5062	6963	9000	11105	13113	14806	15872	16409	16583
2.5°	2263	3567	5299	7255	9350	11524	13573	15242	16151	16539	16597
0°	2338	3688	5454	7438	9650	11673	13823	15517	16382	16693	16723
-2.5°	2320	3644	5447	7372	9616	11741	13862	15534	16460	16878	16946
-5°	2273	3541	5266	7183	9342	11471	13494	15259	16395	17027	17307
-7.5°	2182	3364	4957	6823	8899	11030	13093	14925	16232	17121	17668
-10°	2027	3105	4562	6367	8413	10443	12483	14384	15792	16862	17624
-12.5°	1815	2754	4080	5721	7778	9673	11605	13426	14963	16282	17070
-15°	1596	2389	3580	5080	6871	8738	10522	12309	13826	15060	16043
-17.5°	1441	2068	3000	4313	5886	7657	9398	11039	12408	13568	14599
-20°	1244	1710	2447	3552	4936	6484	8152	9613	10835	11923	12908

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Cooper Lighting Solutions Photometric Lab  
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REPORT NUMBER: P626976 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	1087	1464	1997	2750	3994	5359	6724	8069	9218	10186	11027
-25°	944	1209	1626	2238	3047	4226	5376	6512	7572	8473	9230
-27.5°	832	1043	1321	1757	2371	3059	4066	5015	5927	6751	7464
-30°	731	889	1106	1379	1796	2307	2913	3623	4350	5000	5649
-32.5°	658	770	919	1122	1356	1722	2088	2565	3026	3500	3965
-35°	592	683	784	920	1080	1293	1535	1826	2073	2383	2669
-37.5°	547	611	688	774	889	1008	1171	1348	1501	1674	1819
-40°	510	560	612	670	749	829	935	1034	1131	1236	1315
-42.5°	479	519	557	601	648	712	783	845	904	966	1017
-45°	454	484	514	549	584	631	681	728	766	800	828
-47.5°	427	454	481	508	538	572	605	635	667	693	713
-50°	401	428	452	476	502	528	554	578	601	621	633
-52.5°	376	404	428	449	471	493	514	536	556	573	582
-55°	357	382	407	426	444	463	482	502	521	538	543
-57.5°	336	362	385	403	420	436	454	473	491	507	512
-60°	311	339	359	376	393	411	428	445	461	475	481
-62.5°	282	307	326	342	358	373	391	409	426	440	448
-65°	248	269	287	304	319	334	351	367	383	395	404
-67.5°	218	234	249	264	279	294	310	325	340	350	358
-70°	188	203	217	231	244	257	270	283	296	305	312
-72.5°	159	172	184	197	209	220	231	242	253	261	268
-75°	131	143	153	163	174	183	191	200	208	215	221
-77.5°	103	113	122	130	139	146	153	160	166	172	177
-80°	79	86	92	99	106	111	116	121	126	131	135
-82.5°	57	61	66	70	74	78	82	86	89	92	96
-85°	36	39	41	43	46	48	50	53	55	57	59
-87.5°	17	18	19	21	22	23	24	25	26	27	28
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626976 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	3	3	3	3	3	3	3	2	2	2	2
60°	9	9	9	9	9	9	9	9	9	11	12
57.5°	45	42	39	36	39	42	45	46	45	44	41
55°	98	103	106	105	106	103	98	92	87	85	83
52.5°	139	142	141	138	141	142	139	135	128	121	113
50°	190	190	189	186	189	190	190	187	179	167	152
47.5°	267	271	273	272	273	271	267	260	246	228	212
45°	342	346	348	347	348	346	342	335	317	292	266
42.5°	430	437	439	437	439	437	430	420	399	366	329
40°	610	618	614	605	614	618	610	587	547	492	445
37.5°	924	954	966	967	966	954	924	883	824	718	642
35°	1594	1700	1749	1688	1749	1700	1594	1460	1311	1156	971
32.5°	2662	2851	2957	2957	2957	2851	2662	2406	2091	1771	1451
30°	3963	4200	4333	4361	4333	4200	3963	3633	3197	2715	2165
27.5°	5313	5557	5685	5666	5685	5557	5313	4962	4513	3887	3186
25°	6667	6852	6959	6962	6959	6852	6667	6325	5808	5195	4372
22.5°	8668	9058	9218	9261	9218	9058	8668	8095	7585	6812	5888
20°	10849	11227	11470	11485	11470	11227	10849	10323	9546	8676	7538
17.5°	12926	13114	13148	13164	13148	13114	12926	12364	11572	10683	9238
15°	14885	14951	15124	15146	15124	14951	14885	14369	13483	12506	11112
12.5°	15815	15875	15846	15765	15846	15875	15815	15426	14806	13801	12435
10°	16322	16237	16111	15960	16111	16237	16322	16042	15586	14809	13486
7.5°	16437	16343	16121	15900	16121	16343	16437	16463	16151	15501	14235
5°	16492	16215	15934	15667	15934	16215	16492	16583	16409	15872	14806
2.5°	16459	16131	15745	15457	15745	16131	16459	16597	16539	16151	15242
0°	16564	16232	15828	15720	15828	16232	16564	16723	16693	16382	15517
-2.5°	16857	16588	16377	16319	16377	16588	16857	16946	16878	16460	15534
-5°	17383	17323	16965	17049	16965	17323	17383	17307	17027	16395	15259
-7.5°	17891	17807	17655	17851	17655	17807	17891	17668	17121	16232	14925
-10°	18026	17999	18070	18244	18070	17999	18026	17624	16862	15792	14384
-12.5°	17612	17829	18072	18256	18072	17829	17612	17070	16282	14963	13426
-15°	16689	17132	17496	17669	17496	17132	16689	16043	15060	13826	12309
-17.5°	15328	15873	16304	16427	16304	15873	15328	14599	13568	12408	11039
-20°	13654	14208	14600	14756	14600	14208	13654	12908	11923	10835	9613

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REPORT NUMBER: P626976 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	11769	12310	12666	12853	12666	12310	11769	11027	10186	9218	8069
-25°	9857	10332	10648	10731	10648	10332	9857	9230	8473	7572	6512
-27.5°	8028	8410	8643	8668	8643	8410	8028	7464	6751	5927	5015
-30°	6188	6543	6744	6851	6744	6543	6188	5649	5000	4350	3623
-32.5°	4346	4628	4798	4843	4798	4628	4346	3965	3500	3026	2565
-35°	2898	3073	3181	3203	3181	3073	2898	2669	2383	2073	1826
-37.5°	1937	2023	2075	2101	2075	2023	1937	1819	1674	1501	1348
-40°	1373	1413	1435	1440	1435	1413	1373	1315	1236	1131	1034
-42.5°	1050	1070	1081	1084	1081	1070	1050	1017	966	904	845
-45°	848	863	871	874	871	863	848	828	800	766	728
-47.5°	726	735	740	742	740	735	726	713	693	667	635
-50°	640	645	647	647	647	645	640	633	621	601	578
-52.5°	586	590	591	590	591	590	586	582	573	556	536
-55°	547	549	549	548	549	549	547	543	538	521	502
-57.5°	516	519	518	515	518	519	516	512	507	491	473
-60°	485	489	489	488	489	489	485	481	475	461	445
-62.5°	455	461	462	461	462	461	455	448	440	426	409
-65°	412	419	419	416	419	419	412	404	395	383	367
-67.5°	364	369	369	368	369	369	364	358	350	340	325
-70°	319	324	325	323	325	324	319	312	305	296	283
-72.5°	274	280	281	281	281	280	274	268	261	253	242
-75°	227	232	232	231	232	232	227	221	215	208	200
-77.5°	183	188	187	186	187	188	183	177	172	166	160
-80°	139	143	142	141	142	143	139	135	131	126	121
-82.5°	99	101	100	99	100	101	99	96	92	89	86
-85°	61	63	63	63	63	63	61	59	57	55	53
-87.5°	29	30	28	27	28	30	29	28	27	26	25
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626976 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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	1
62.5°	1	1	1	1	1	1	1	1	1	0	1
60°	11	7	9	10	8	6	8	7	3	2	2
57.5°	38	35	33	30	26	23	21	20	18	11	4
55°	83	74	64	58	54	46	38	33	31	25	17
52.5°	107	103	94	82	75	71	62	53	45	38	30
50°	140	138	130	117	106	97	89	77	66	56	46
47.5°	196	184	175	164	144	128	118	107	91	77	65
45°	247	230	215	201	183	162	144	129	114	99	86
42.5°	306	277	251	236	215	194	173	155	135	118	104
40°	399	348	315	284	258	228	208	186	162	139	124
37.5°	550	459	411	365	323	281	249	222	194	167	145
35°	792	660	545	470	408	348	299	263	230	198	169
32.5°	1122	924	738	612	502	419	357	309	264	229	198
30°	1657	1283	989	783	631	504	414	352	299	256	225
27.5°	2481	1791	1360	1009	783	618	489	396	332	283	248
25°	3507	2583	1868	1360	986	753	581	458	371	310	273
22.5°	4800	3694	2700	1779	1302	971	713	521	414	353	305
20°	6393	4970	3726	2643	1780	1225	876	631	490	405	340
17.5°	7961	6496	4837	3543	2446	1663	1108	770	564	458	377
15°	9548	7820	6062	4545	3146	2029	1316	905	649	516	418
12.5°	10761	8964	7007	5349	3703	2419	1579	1077	755	565	449
10°	11743	9881	7837	5980	4259	2818	1814	1206	832	604	475
7.5°	12506	10539	8481	6520	4709	3150	2005	1306	892	639	496
5°	13113	11105	9000	6963	5062	3396	2152	1383	935	668	512
2.5°	13573	11524	9350	7255	5299	3567	2263	1449	972	696	528
0°	13823	11673	9650	7438	5454	3688	2338	1500	997	718	539
-2.5°	13862	11741	9616	7372	5447	3644	2320	1489	1000	726	547
-5°	13494	11471	9342	7183	5266	3541	2273	1459	992	725	550
-7.5°	13093	11030	8899	6823	4957	3364	2182	1409	976	717	548
-10°	12483	10443	8413	6367	4562	3105	2027	1334	944	700	541
-12.5°	11605	9673	7778	5721	4080	2754	1815	1237	895	673	529
-15°	10522	8738	6871	5080	3580	2389	1596	1118	831	637	512
-17.5°	9398	7657	5886	4313	3000	2068	1441	1032	775	604	492
-20°	8152	6484	4936	3552	2447	1710	1244	928	720	577	476

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REPORT NUMBER: P626976 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2D-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°	6724	5359	3994	2750	1997	1464	1087	827	660	542	458
-25°	5376	4226	3047	2238	1626	1209	944	754	615	510	437
-27.5°	4066	3059	2371	1757	1321	1043	832	677	565	485	420
-30°	2913	2307	1796	1379	1106	889	731	618	528	458	402
-32.5°	2088	1722	1356	1122	919	770	658	564	494	436	387
-35°	1535	1293	1080	920	784	683	592	524	464	413	373
-37.5°	1171	1008	889	774	688	611	547	490	435	395	358
-40°	935	829	749	670	612	560	510	459	418	377	343
-42.5°	783	712	648	601	557	519	479	439	399	362	328
-45°	681	631	584	549	514	484	454	418	381	346	313
-47.5°	605	572	538	508	481	454	427	396	361	328	299
-50°	554	528	502	476	452	428	401	371	340	312	283
-52.5°	514	493	471	449	428	404	376	349	323	295	266
-55°	482	463	444	426	407	382	357	330	302	275	247
-57.5°	454	436	420	403	385	362	336	309	282	256	228
-60°	428	411	393	376	359	339	311	286	262	236	211
-62.5°	391	373	358	342	326	307	282	259	237	216	192
-65°	351	334	319	304	287	269	248	229	211	191	170
-67.5°	310	294	279	264	249	234	218	201	183	165	145
-70°	270	257	244	231	217	203	188	172	154	138	122
-72.5°	231	220	209	197	184	172	159	144	130	115	101
-75°	191	183	174	163	153	143	131	119	107	95	84
-77.5°	153	146	139	130	122	113	103	94	85	76	67
-80°	116	111	106	99	92	86	79	71	64	56	50
-82.5°	82	78	74	70	66	61	57	51	46	40	35
-85°	50	48	46	43	41	39	36	33	29	26	22
-87.5°	24	23	22	21	19	18	17	15	14	12	11
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P626976 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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	1	1	1	0	0	0	0	0
65°	1	1	0	1	1	2	1	1	1	1	0
62.5°	2	2	2	1	2	2	3	2	2	1	1
60°	2	3	3	2	2	3	3	3	2	2	1
57.5°	4	3	3	3	3	3	3	3	3	3	2
55°	8	5	5	4	3	3	3	3	3	3	3
52.5°	21	11	7	6	5	3	3	3	3	3	3
50°	35	23	13	8	6	5	4	3	3	3	3
47.5°	51	37	24	13	9	6	5	4	3	3	3
45°	71	54	37	23	13	10	6	5	4	3	4
42.5°	92	72	53	33	22	15	8	6	5	3	4
40°	110	93	69	48	31	20	12	7	6	4	4
37.5°	128	112	89	64	42	29	18	8	7	5	4
35°	148	129	108	80	56	37	25	11	9	6	4
32.5°	167	146	123	97	69	44	32	18	11	7	5
30°	191	161	138	113	83	56	38	24	13	8	5
27.5°	215	176	151	126	96	67	46	30	16	10	6
25°	238	195	164	138	109	79	53	35	20	12	7
22.5°	261	216	176	149	122	91	63	41	25	14	8
20°	286	236	188	162	133	102	72	47	29	17	9
17.5°	313	257	208	176	144	112	82	54	32	20	10
15°	340	278	227	189	155	121	90	60	36	22	11
12.5°	364	298	244	202	165	129	97	67	38	25	13
10°	385	315	259	214	175	135	104	73	43	27	15
7.5°	403	330	272	226	184	143	110	78	48	29	18
5°	417	342	281	235	192	152	115	81	53	30	20
2.5°	429	352	288	243	198	160	119	84	58	32	22
0°	437	359	293	248	203	168	123	87	63	33	24
-2.5°	441	364	302	253	211	171	127	91	66	37	25
-5°	442	367	308	257	216	174	130	95	68	41	25
-7.5°	442	369	312	259	221	176	133	99	70	45	26
-10°	440	369	313	263	222	178	136	101	72	47	26
-12.5°	434	367	313	264	223	179	138	103	73	50	27
-15°	425	363	311	264	222	180	140	104	74	50	27
-17.5°	413	357	308	262	221	181	141	104	74	50	28
-20°	404	351	305	257	220	180	141	103	74	49	29

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REPORT NUMBER: P626976 (CONVERTED FROM TYPE C PHOTOMETRY)

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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	394	344	299	254	218	179	140	100	73	49	30
-25°	381	337	292	252	215	177	137	97	71	48	30
-27.5°	370	328	285	248	211	173	132	94	69	46	30
-30°	359	319	279	242	205	168	126	92	68	46	30
-32.5°	348	310	272	235	199	162	119	88	66	45	29
-35°	336	300	263	226	192	155	114	83	63	44	28
-37.5°	323	288	252	218	185	148	112	82	61	42	28
-40°	310	276	241	210	177	140	108	81	59	39	26
-42.5°	296	264	232	202	169	135	103	78	56	38	25
-45°	283	252	221	191	161	128	99	75	52	36	24
-47.5°	269	239	209	179	152	121	94	70	48	34	23
-50°	253	223	194	167	141	113	87	64	46	32	23
-52.5°	236	205	180	156	130	103	80	59	44	31	21
-55°	216	189	168	144	118	94	72	55	41	30	20
-57.5°	202	177	154	131	107	84	66	51	38	28	19
-60°	187	163	141	117	95	76	61	47	36	26	18
-62.5°	169	147	124	102	84	68	55	43	33	24	17
-65°	148	127	106	89	73	60	50	39	30	22	16
-67.5°	125	108	90	75	64	53	44	35	26	19	14
-70°	106	90	76	65	55	46	38	30	23	17	12
-72.5°	89	76	65	55	47	39	32	25	19	15	11
-75°	73	63	53	45	38	32	26	20	16	12	9
-77.5°	58	50	42	36	31	25	20	16	13	10	8
-80°	44	38	33	28	23	19	16	13	11	9	7
-82.5°	31	27	24	20	17	15	13	11	9	8	6
-85°	20	18	16	14	12	10	9	8	6	5	4
-87.5°	10	9	8	7	6	5	4	4	3	3	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: P626976 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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	1	1	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	0	1	1	1	0	0	0
62.5°	0	1	2	1	0	0	0
60°	1	1	2	1	0	0	0
57.5°	1	1	2	2	0	0	0
55°	2	1	2	2	0	0	0
52.5°	2	2	2	2	1	0	0
50°	3	2	2	3	1	0	0
47.5°	3	2	2	3	1	0	0
45°	3	2	2	3	1	0	0
42.5°	4	3	2	3	1	0	0
40°	4	3	3	3	2	0	0
37.5°	4	3	3	3	2	0	0
35°	5	3	3	3	2	0	0
32.5°	5	4	3	3	2	0	0
30°	5	4	3	3	2	0	0
27.5°	5	4	3	3	2	0	0
25°	6	5	3	3	2	0	0
22.5°	6	5	3	3	3	0	0
20°	6	5	3	3	3	0	0
17.5°	6	5	3	3	3	0	0
15°	6	5	3	3	3	0	0
12.5°	7	6	3	3	3	0	0
10°	7	6	3	3	3	0	0
7.5°	8	6	3	3	3	0	0
5°	8	6	3	3	3	0	0
2.5°	9	6	3	3	3	0	0
0°	9	6	3	3	3	0	0
-2.5°	11	6	3	3	3	0	0
-5°	12	7	4	3	3	0	0
-7.5°	13	7	4	3	3	0	0
-10°	15	7	4	3	3	0	0
-12.5°	16	7	4	3	3	0	0
-15°	16	7	4	3	3	0	0
-17.5°	17	8	4	3	3	0	0
-20°	17	8	5	3	3	0	0

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CATALOG NUMBER: GFLD-SA2D-735-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	17	8	5	3	3	1	0
-25°	17	8	5	3	3	1	0
-27.5°	17	9	5	3	3	1	0
-30°	17	9	4	3	3	1	0
-32.5°	16	10	5	3	3	1	0
-35°	16	10	5	3	3	1	0
-37.5°	16	10	5	3	3	1	0
-40°	16	10	5	3	2	1	0
-42.5°	16	10	5	3	2	1	0
-45°	16	10	5	3	2	1	0
-47.5°	15	10	5	3	2	1	0
-50°	15	9	6	3	2	1	0
-52.5°	15	9	6	4	3	1	0
-55°	14	9	5	4	3	1	0
-57.5°	13	9	5	4	3	1	0
-60°	13	8	5	4	3	1	0
-62.5°	12	8	5	4	2	1	0
-65°	11	7	5	4	2	1	0
-67.5°	10	7	5	4	2	1	0
-70°	9	6	5	4	2	0	0
-72.5°	8	6	5	3	2	0	0
-75°	7	6	4	3	1	0	0
-77.5°	7	5	4	2	1	0	0
-80°	6	4	3	2	1	0	0
-82.5°	5	3	2	1	1	0	0
-85°	3	2	2	1	1	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)