

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: P626984 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626984 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2D-740-U-MR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (32) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

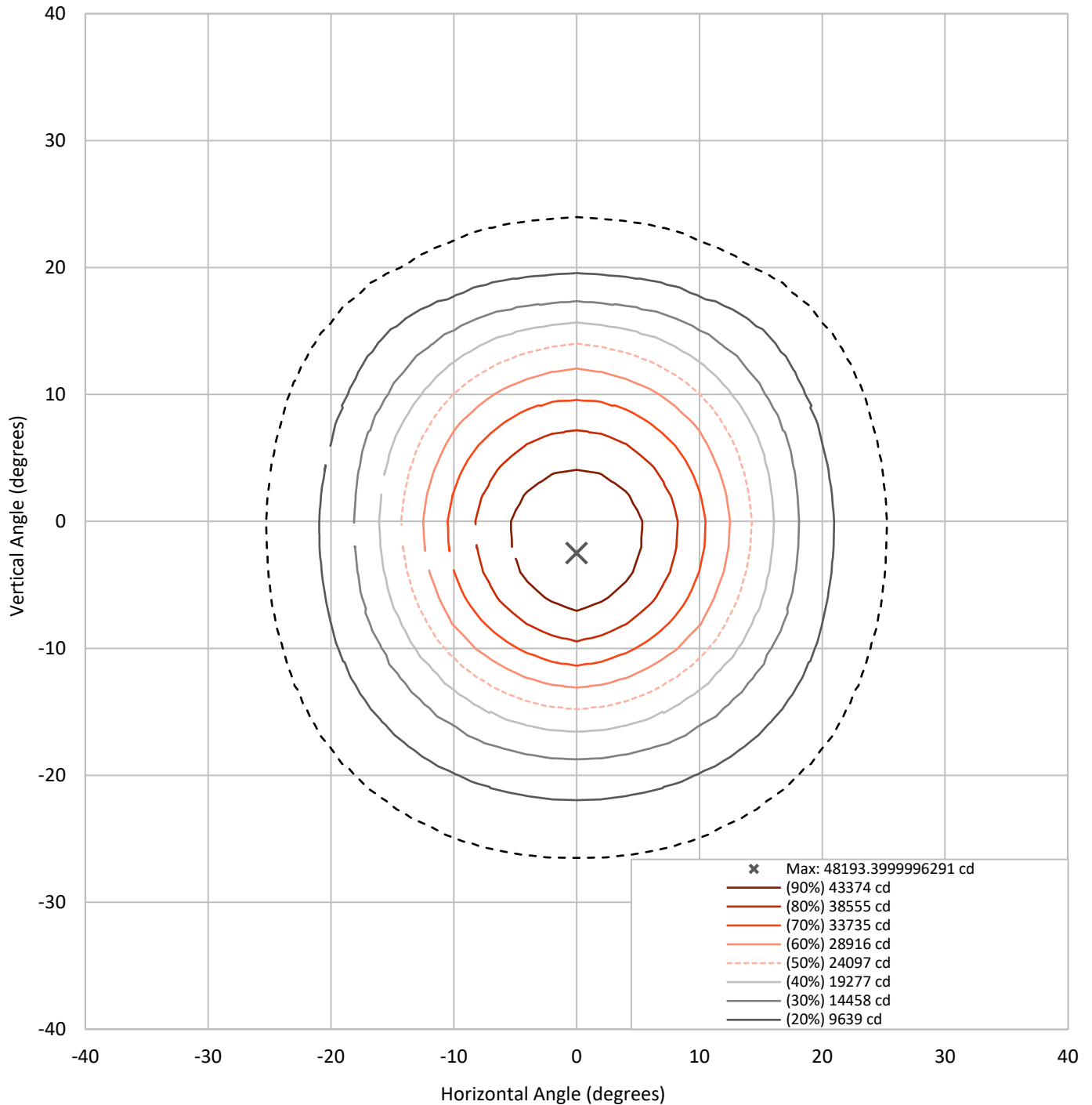
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	13668.7 lumens	Max Intensity:	48193.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	125.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	6834.5 lumens	Field Lumens:	11744 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
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		



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### Iso-Candela Plot





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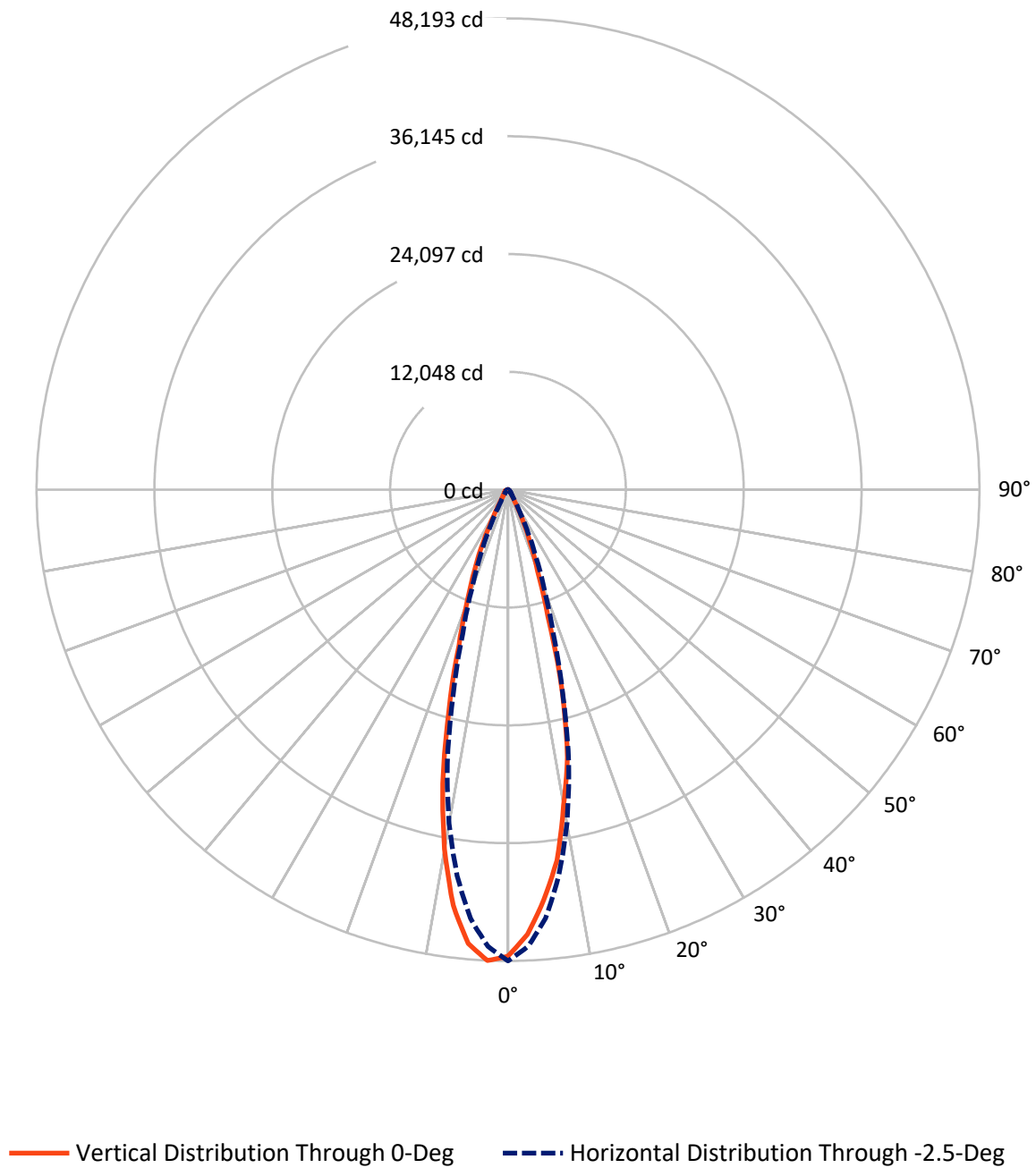
CATALOG NUMBER: GFLD-SA2D-740-U-MR-VSR-XX

### 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	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.4	0.9	1.6	2.2	2.6	2.6	2.2	1.6	0.9	0.4	0.1	0.0				
40	0.0	0.1	0.5	1.5	2.9	4.4	6.2	7.3	7.3	6.2	4.4	2.9	1.5	0.5	0.1				
30		0.2	1.2	2.9	5.4	8.8	14.7	19.7	19.7	14.7	8.8	5.4	2.9	1.2	0.2				
20	0.1	0.4	1.8	4.5	8.5	20.6	64.9	119.0	119.0	64.9	20.6	8.5	4.5	1.8	0.4				
10		0.7	2.5	6.1	14.5	71.2	289.5	566.8	566.8	289.5	71.2	14.5	6.1	2.5	0.7				
0	0.2	0.9	3.1	7.2	20.9	135.7	584.5	1145.6	1145.6	584.5	135.7	20.9	7.2	3.1	0.9				
-10		1.0	3.4	7.6	22.3	142.1	599.7	1214.8	1214.8	599.7	142.1	22.3	7.6	3.4	1.0				
-20	0.3	1.1	3.4	7.4	18.3	87.3	331.6	642.9	642.9	331.6	87.3	18.3	7.4	3.4	1.1				
-30		1.0	3.3	6.8	13.4	33.9	102.7	183.2	183.2	102.7	33.9	13.4	6.8	3.3	1.0				
-40	0.2	0.9	2.9	5.9	10.2	16.7	27.3	36.5	36.5	27.3	16.7	10.2	5.9	2.9	0.9				
-50		0.8	2.4	4.9	8.0	11.5	15.2	17.0	17.0	15.2	11.5	8.0	4.9	2.4	0.8				
-60	0.2	0.6	1.8	3.8	6.3	8.8	10.9	11.9	11.9	10.9	8.8	6.3	3.8	1.8	0.6				
-70		0.4	1.1	2.5	4.2	6.0	7.5	8.3	8.3	7.5	6.0	4.2	2.5	1.1	0.4				
-80	0.1	0.9	4.0	8.7	11.0	8.7	4.0	0.9	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

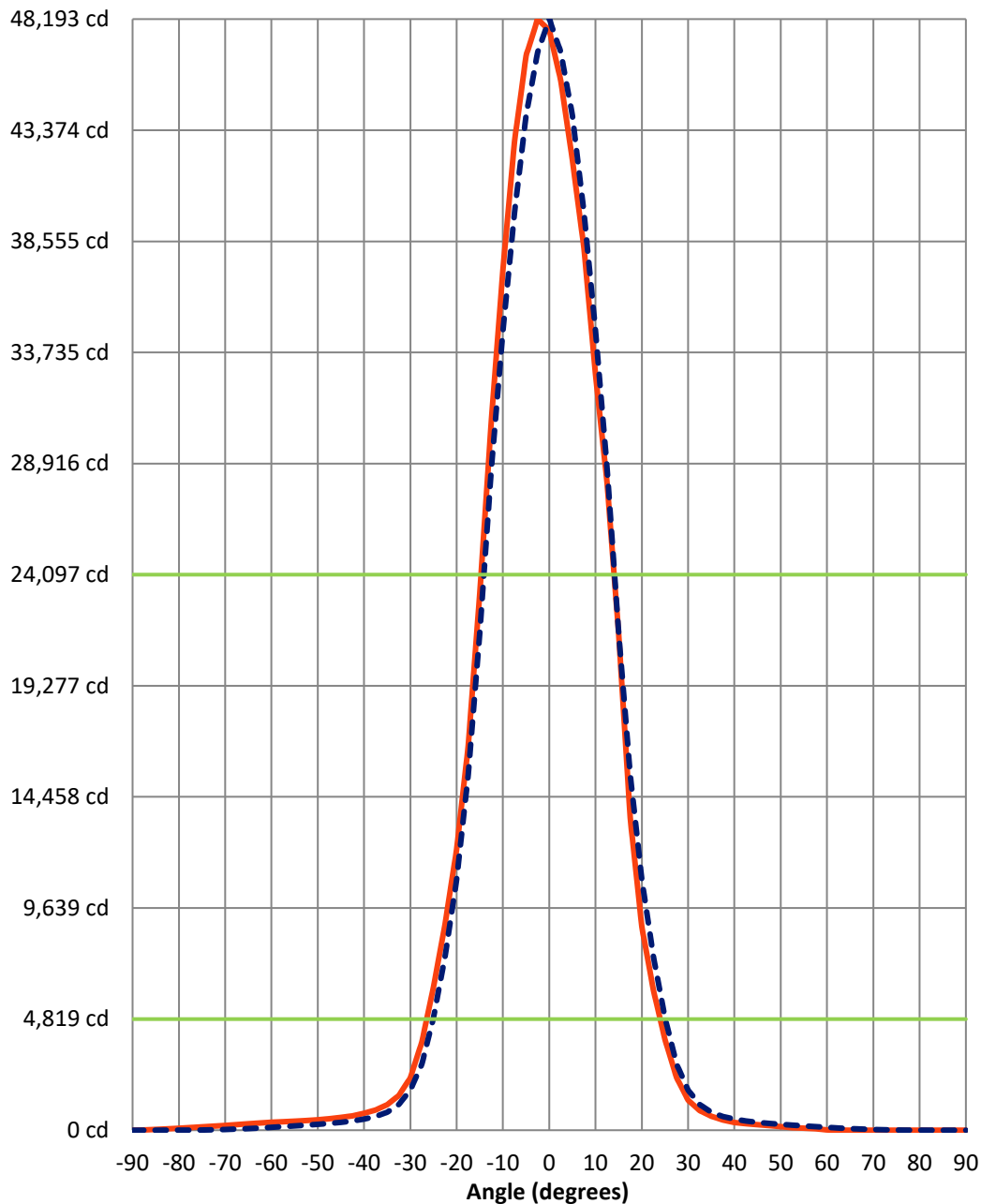
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 6834.5  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 11744  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 1924.7  
 Efficiency: 14.1%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through -2.5-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	1	1
57.5°	0	0	0	0	0	0	0	0	1	1	1
55°	0	0	0	0	0	0	0	0	1	2	1
52.5°	0	0	0	0	0	0	1	1	2	2	1
50°	0	0	0	0	0	0	1	2	3	2	2
47.5°	0	0	0	0	0	1	1	2	3	2	3
45°	0	0	0	0	0	1	2	3	3	3	3
42.5°	0	0	0	0	0	1	2	3	3	3	5
40°	0	0	0	0	0	2	2	3	3	3	7
37.5°	0	0	0	0	0	2	3	3	4	4	10
35°	0	0	0	0	1	2	3	3	4	7	13
32.5°	0	0	0	0	1	3	3	3	6	10	16
30°	0	0	0	0	1	3	3	3	7	13	20
27.5°	0	0	0	0	2	3	3	4	9	15	24
25°	0	0	0	0	2	3	3	5	11	18	28
22.5°	0	0	0	0	2	3	3	6	13	22	34
20°	0	0	0	0	2	3	3	8	15	25	39
17.5°	0	0	0	0	2	3	3	9	17	28	44
15°	0	0	0	0	3	3	4	10	18	32	48
12.5°	0	0	0	0	3	3	4	12	20	35	52
10°	0	0	0	0	3	3	4	13	22	38	55
7.5°	0	0	0	0	3	3	5	15	23	41	59
5°	0	0	0	0	3	3	5	16	25	44	62
2.5°	0	0	0	0	3	3	6	17	26	47	64
0°	0	0	0	0	3	3	6	18	27	49	67
-2.5°	0	0	0	0	3	3	7	19	30	50	69
-5°	0	0	0	0	3	4	8	19	32	52	70
-7.5°	0	0	0	1	3	4	9	19	34	53	71
-10°	0	0	0	1	3	4	10	19	36	54	72
-12.5°	0	0	0	1	3	4	11	19	37	55	74
-15°	0	0	0	1	3	5	12	19	37	55	75
-17.5°	0	0	0	1	3	5	12	20	37	56	76
-20°	0	0	0	1	3	5	12	21	36	55	76

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REPORT NUMBER: P626984 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	1	3	5	13	22	36	55	75
-25°	0	0	0	1	3	5	13	22	35	54	73
-27.5°	0	0	0	1	3	6	13	23	33	52	71
-30°	0	0	0	1	3	6	13	23	33	50	69
-32.5°	0	0	0	1	3	6	12	22	33	48	66
-35°	0	0	0	1	4	6	12	22	33	47	63
-37.5°	0	0	0	1	4	6	12	22	32	45	61
-40°	0	0	0	1	4	6	12	21	31	43	60
-42.5°	0	0	0	1	4	7	12	20	30	42	57
-45°	0	0	0	1	4	7	11	19	29	40	55
-47.5°	0	0	0	0	4	7	11	18	27	38	52
-50°	0	0	0	0	3	6	10	17	26	36	48
-52.5°	0	0	0	1	3	6	10	16	24	33	44
-55°	0	0	0	1	3	6	9	14	22	31	41
-57.5°	0	0	0	1	3	5	9	13	20	28	37
-60°	0	0	0	1	2	5	8	12	18	25	34
-62.5°	0	0	0	1	2	5	7	11	16	22	30
-65°	0	0	0	1	2	4	7	10	14	20	26
-67.5°	0	0	0	1	2	4	6	9	12	17	23
-70°	0	0	0	1	2	3	6	8	11	15	20
-72.5°	0	0	0	1	2	3	5	7	9	13	17
-75°	0	0	0	1	1	3	4	6	8	10	13
-77.5°	0	0	0	0	1	2	4	5	6	8	10
-80°	0	0	0	0	1	2	3	4	5	6	7
-82.5°	0	0	0	0	1	1	2	3	3	4	5
-85°	0	0	0	0	1	1	2	2	2	2	3
-87.5°	0	0	0	0	0	0	1	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA2D-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	1	0	1	1
60°	0	0	0	1	1	1	2	2	3	3	6
57.5°	0	1	1	2	2	3	5	6	10	14	17
55°	1	2	2	3	4	7	10	15	20	27	32
52.5°	2	3	3	5	9	13	19	27	35	41	46
50°	3	4	4	10	15	22	31	41	48	54	63
47.5°	4	5	9	16	23	34	46	54	61	72	85
45°	6	9	15	23	33	48	59	66	78	91	104
42.5°	8	14	22	30	47	60	71	82	95	109	123
40°	12	18	29	43	59	72	86	98	112	128	143
37.5°	16	25	37	54	71	86	101	115	132	149	167
35°	19	32	47	65	82	100	116	133	153	173	192
32.5°	24	39	56	75	94	113	131	153	174	195	220
30°	31	47	65	85	105	125	149	173	194	218	243
27.5°	38	54	73	94	115	137	165	190	212	238	266
25°	44	61	82	103	125	151	181	206	230	258	292
22.5°	50	68	91	110	135	165	196	224	251	279	318
20°	56	76	99	121	145	179	211	242	273	309	353
17.5°	62	84	108	132	159	192	226	260	295	339	393
15°	68	91	116	142	171	205	240	278	320	370	433
12.5°	73	97	124	152	182	217	254	293	341	402	479
10°	77	102	132	160	192	227	265	306	357	423	514
7.5°	81	108	139	168	200	237	275	317	371	441	541
5°	85	113	144	174	206	244	283	327	382	455	563
2.5°	88	118	148	178	211	249	288	333	390	468	581
0°	91	121	152	182	215	252	291	337	394	479	592
-2.5°	94	125	155	186	220	255	295	340	400	483	594
-5°	96	129	158	189	223	257	296	342	402	483	596
-7.5°	98	131	160	191	225	259	298	344	404	482	595
-10°	99	132	161	193	227	261	298	343	402	477	585
-12.5°	101	133	162	193	227	261	297	340	396	468	567
-15°	102	133	162	193	227	261	295	335	387	456	542
-17.5°	102	132	162	191	225	259	291	330	379	443	525
-20°	102	131	160	189	222	256	288	326	371	428	502

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CATALOG NUMBER: GFLD-SA2D-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	101	130	158	186	218	251	284	319	361	409	475
-25°	100	129	156	183	214	245	278	310	351	397	453
-27.5°	97	127	153	180	208	239	270	303	339	381	430
-30°	94	123	149	176	204	232	262	293	326	366	410
-32.5°	89	118	144	171	198	226	252	283	315	349	388
-35°	85	113	139	164	192	218	244	271	302	333	367
-37.5°	83	107	133	157	184	210	234	259	287	318	348
-40°	80	102	127	151	174	200	224	247	272	302	331
-42.5°	76	97	121	144	166	190	214	236	260	287	315
-45°	73	93	114	136	159	180	203	226	249	273	299
-47.5°	69	88	108	128	150	172	191	213	237	260	283
-50°	64	83	101	120	140	162	182	201	223	246	268
-52.5°	59	77	94	111	130	150	171	191	209	229	250
-55°	53	70	86	102	119	138	158	177	197	214	233
-57.5°	48	62	77	93	109	125	144	162	181	199	218
-60°	43	55	68	83	99	113	129	147	165	182	199
-62.5°	38	48	60	73	87	102	117	132	148	162	177
-65°	34	42	52	63	75	88	102	116	131	143	154
-67.5°	29	36	44	53	63	74	85	98	111	122	133
-70°	25	30	36	44	52	61	71	81	91	101	111
-72.5°	21	25	30	35	42	50	58	66	75	83	92
-75°	17	20	24	29	34	40	47	54	61	68	74
-77.5°	13	16	19	23	26	31	36	42	48	53	59
-80°	9	12	15	18	20	23	27	30	34	39	43
-82.5°	6	8	10	13	14	16	18	20	23	26	29
-85°	3	5	6	7	8	9	10	11	13	15	17
-87.5°	2	2	3	3	4	4	4	4	5	6	7
-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	1	1	1	0	0	0
62.5°	1	1	2	3	3	4	4	4	4	4	4
60°	8	8	11	14	13	10	15	17	16	14	14
57.5°	21	26	31	32	36	42	44	43	44	46	52
55°	37	41	44	50	57	63	67	70	74	78	82
52.5°	51	58	63	69	77	82	84	93	100	106	109
50°	72	79	87	96	104	111	117	126	136	146	152
47.5°	95	104	114	127	136	143	150	162	175	188	195
45°	116	127	139	151	161	171	183	197	211	223	233
42.5°	135	147	160	174	183	198	214	229	246	262	274
40°	156	168	188	202	214	230	254	276	296	315	327
37.5°	183	203	224	241	257	277	311	343	369	395	413
35°	214	238	265	283	307	345	386	431	476	512	545
32.5°	243	270	297	327	364	417	469	541	608	676	741
30°	270	300	333	371	431	504	589	699	820	939	1076
27.5°	298	331	371	431	521	622	778	952	1201	1401	1723
25°	329	366	419	516	641	817	1090	1401	1915	2354	2849
22.5°	366	423	499	620	828	1145	1570	2247	3037	3769	4468
20°	412	489	618	812	1110	1598	2404	3431	4528	5600	6637
17.5°	472	595	780	1055	1478	2503	3702	5170	7049	8460	9798
15°	527	683	962	1407	2203	3523	5198	7446	9976	12102	14508
12.5°	592	780	1117	1694	2832	4577	6713	9393	12387	15615	19383
10°	649	880	1313	2107	3488	5519	7912	11059	14904	19472	24234
7.5°	693	964	1477	2417	4041	6291	9146	12973	17843	23182	28614
5°	727	1028	1606	2661	4511	6918	10047	14488	20039	26167	31568
2.5°	753	1074	1691	2810	4829	7347	10663	15293	21382	28116	33787
0°	774	1101	1739	2916	4976	7550	10948	15618	22012	29070	34902
-2.5°	781	1116	1741	2879	4887	7537	10882	15419	21578	28691	34666
-5°	784	1109	1697	2803	4728	7267	10446	14662	20251	26923	32978
-7.5°	778	1079	1608	2615	4370	6790	9838	13538	18119	24002	30260
-10°	757	1027	1488	2360	3878	6045	8890	12017	15677	20479	25551
-12.5°	719	950	1321	1979	3298	5202	7722	10485	13338	16494	20665
-15°	674	871	1185	1747	2762	4316	6357	8691	11059	13475	16020
-17.5°	639	802	1046	1438	2120	3378	5009	6885	8806	10725	12438
-20°	595	719	910	1216	1711	2455	3682	5141	6577	8142	9455

Classified

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

Scaled Data Report



REPORT NUMBER: P626984 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	556	662	805	997	1330	1854	2553	3581	4671	5808	6886
-25°	520	599	713	867	1066	1378	1840	2377	3142	3841	4642
-27.5°	488	555	632	747	897	1068	1351	1665	2066	2400	2934
-30°	459	512	575	649	759	889	1042	1232	1428	1625	1881
-32.5°	431	475	525	584	653	750	845	967	1074	1193	1315
-35°	403	443	484	531	584	648	719	799	871	942	1006
-37.5°	379	413	449	486	528	572	628	685	733	780	819
-40°	359	387	417	448	482	518	561	603	635	665	691
-42.5°	341	366	389	415	443	476	510	542	564	585	602
-45°	324	345	366	388	411	440	469	494	511	527	539
-47.5°	305	325	344	364	386	409	432	451	466	479	488
-50°	287	306	324	340	360	380	400	416	430	441	448
-52.5°	270	288	305	322	338	354	370	385	399	411	415
-55°	252	270	286	302	317	332	347	360	372	384	387
-57.5°	236	254	270	283	296	310	324	336	348	359	363
-60°	216	234	249	262	274	287	299	311	323	333	337
-62.5°	193	210	223	235	247	258	269	280	290	299	304
-65°	166	181	194	206	216	226	236	246	255	261	265
-67.5°	143	153	165	175	186	196	205	213	221	227	230
-70°	121	130	140	149	159	168	176	183	190	195	199
-72.5°	100	108	117	126	134	142	149	155	161	166	169
-75°	81	88	96	103	110	117	122	127	133	136	140
-77.5°	65	70	75	81	86	91	96	100	104	107	110
-80°	48	52	56	61	64	68	71	75	78	81	83
-82.5°	32	36	39	42	45	47	49	51	52	54	57
-85°	19	21	23	25	27	28	29	31	32	33	34
-87.5°	7	8	9	10	11	11	11	12	12	13	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626984 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	1
62.5°	4	3	3	3	3	3	4	4	4	4	4
60°	13	12	12	12	12	12	13	14	14	16	17
57.5°	57	61	63	64	63	61	57	52	46	44	43
55°	86	89	89	88	89	89	86	82	78	74	70
52.5°	111	112	111	109	111	112	111	109	106	100	93
50°	154	154	154	155	154	154	154	152	146	136	126
47.5°	199	201	201	200	201	201	199	195	188	175	162
45°	237	240	241	240	241	240	237	233	223	211	197
42.5°	279	280	281	282	281	280	279	274	262	246	229
40°	333	335	335	334	335	335	333	327	315	296	276
37.5°	426	432	435	443	435	432	426	413	395	369	343
35°	570	586	594	607	594	586	570	545	512	476	431
32.5°	787	819	836	853	836	819	787	741	676	608	541
30°	1170	1233	1258	1305	1258	1233	1170	1076	939	820	699
27.5°	1959	2107	2166	2288	2166	2107	1959	1723	1401	1201	952
25°	3300	3620	3796	3936	3796	3620	3300	2849	2354	1915	1401
22.5°	5174	5642	5893	6078	5893	5642	5174	4468	3769	3037	2247
20°	7577	8196	8565	8833	8565	8196	7577	6637	5600	4528	3431
17.5°	11516	12489	13057	13546	13057	12489	11516	9798	8460	7049	5170
15°	17192	19147	20665	21511	20665	19147	17192	14508	12102	9976	7446
12.5°	22714	25577	27277	28060	27277	25577	22714	19383	15615	12387	9393
10°	28176	30875	32493	32778	32493	30875	28176	24234	19472	14904	11059
7.5°	32356	35324	37474	38256	37474	35324	32356	28614	23182	17843	12973
5°	36049	39524	41800	42088	41800	39524	36049	31568	26167	20039	14488
2.5°	38765	42543	44750	45508	44750	42543	38765	33787	28116	21382	15293
0°	40079	44148	46603	47708	46603	44148	40079	34902	29070	22012	15618
-2.5°	39803	44012	46752	48193	46752	44012	39803	34666	28691	21578	15419
-5°	38289	42510	45065	46597	45065	42510	38289	32978	26923	20251	14662
-7.5°	34799	38747	41467	42880	41467	38747	34799	30260	24002	18119	13538
-10°	30302	33643	36122	37327	36122	33643	30302	25551	20479	15677	12017
-12.5°	24459	27699	29936	30788	29936	27699	24459	20665	16494	13338	10485
-15°	18740	21213	22802	23305	22802	21213	18740	16020	13475	11059	8691
-17.5°	14211	15543	16437	16677	16437	15543	14211	12438	10725	8806	6885
-20°	10647	11472	12052	12190	12052	11472	10647	9455	8142	6577	5141

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626984 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7758	8378	8846	8940	8846	8378	7758	6886	5808	4671	3581
-25°	5351	5870	6188	6212	6188	5870	5351	4642	3841	3142	2377
-27.5°	3355	3640	3787	3839	3787	3640	3355	2934	2400	2066	1665
-30°	2073	2204	2274	2276	2274	2204	2073	1881	1625	1428	1232
-32.5°	1407	1471	1505	1505	1505	1471	1407	1315	1193	1074	967
-35°	1054	1087	1106	1108	1106	1087	1054	1006	942	871	799
-37.5°	848	866	875	877	875	866	848	819	780	733	685
-40°	709	721	729	734	729	721	709	691	665	635	603
-42.5°	613	621	625	622	625	621	613	602	585	564	542
-45°	546	551	554	555	554	551	546	539	527	511	494
-47.5°	493	495	497	498	497	495	493	488	479	466	451
-50°	451	453	453	452	453	453	451	448	441	430	416
-52.5°	417	418	418	419	418	418	417	415	411	399	385
-55°	389	390	391	391	391	390	389	387	384	372	360
-57.5°	366	369	369	367	369	369	366	363	359	348	336
-60°	341	344	345	346	345	344	341	337	333	323	311
-62.5°	308	311	312	313	312	311	308	304	299	290	280
-65°	269	271	275	279	275	271	269	265	261	255	246
-67.5°	233	235	239	243	239	235	233	230	227	221	213
-70°	202	205	206	206	206	205	202	199	195	190	183
-72.5°	172	175	176	176	176	175	172	169	166	161	155
-75°	142	145	146	146	146	145	142	140	136	133	127
-77.5°	112	115	115	115	115	115	112	110	107	104	100
-80°	85	88	86	85	86	88	85	83	81	78	75
-82.5°	59	60	59	58	59	60	59	57	54	52	51
-85°	35	36	35	33	35	36	35	34	33	32	31
-87.5°	14	15	14	12	14	15	14	13	13	12	12
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626984 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	1	1	0	0	0	0	0	0	0	0	0
62.5°	4	4	3	3	2	1	1	1	1	0	1
60°	15	10	13	14	11	8	8	6	3	3	2
57.5°	44	42	36	32	31	26	21	17	14	10	6
55°	67	63	57	50	44	41	37	32	27	20	15
52.5°	84	82	77	69	63	58	51	46	41	35	27
50°	117	111	104	96	87	79	72	63	54	48	41
47.5°	150	143	136	127	114	104	95	85	72	61	54
45°	183	171	161	151	139	127	116	104	91	78	66
42.5°	214	198	183	174	160	147	135	123	109	95	82
40°	254	230	214	202	188	168	156	143	128	112	98
37.5°	311	277	257	241	224	203	183	167	149	132	115
35°	386	345	307	283	265	238	214	192	173	153	133
32.5°	469	417	364	327	297	270	243	220	195	174	153
30°	589	504	431	371	333	300	270	243	218	194	173
27.5°	778	622	521	431	371	331	298	266	238	212	190
25°	1090	817	641	516	419	366	329	292	258	230	206
22.5°	1570	1145	828	620	499	423	366	318	279	251	224
20°	2404	1598	1110	812	618	489	412	353	309	273	242
17.5°	3702	2503	1478	1055	780	595	472	393	339	295	260
15°	5198	3523	2203	1407	962	683	527	433	370	320	278
12.5°	6713	4577	2832	1694	1117	780	592	479	402	341	293
10°	7912	5519	3488	2107	1313	880	649	514	423	357	306
7.5°	9146	6291	4041	2417	1477	964	693	541	441	371	317
5°	10047	6918	4511	2661	1606	1028	727	563	455	382	327
2.5°	10663	7347	4829	2810	1691	1074	753	581	468	390	333
0°	10948	7550	4976	2916	1739	1101	774	592	479	394	337
-2.5°	10882	7537	4887	2879	1741	1116	781	594	483	400	340
-5°	10446	7267	4728	2803	1697	1109	784	596	483	402	342
-7.5°	9838	6790	4370	2615	1608	1079	778	595	482	404	344
-10°	8890	6045	3878	2360	1488	1027	757	585	477	402	343
-12.5°	7722	5202	3298	1979	1321	950	719	567	468	396	340
-15°	6357	4316	2762	1747	1185	871	674	542	456	387	335
-17.5°	5009	3378	2120	1438	1046	802	639	525	443	379	330
-20°	3682	2455	1711	1216	910	719	595	502	428	371	326

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626984 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2553	1854	1330	997	805	662	556	475	409	361	319
-25°	1840	1378	1066	867	713	599	520	453	397	351	310
-27.5°	1351	1068	897	747	632	555	488	430	381	339	303
-30°	1042	889	759	649	575	512	459	410	366	326	293
-32.5°	845	750	653	584	525	475	431	388	349	315	283
-35°	719	648	584	531	484	443	403	367	333	302	271
-37.5°	628	572	528	486	449	413	379	348	318	287	259
-40°	561	518	482	448	417	387	359	331	302	272	247
-42.5°	510	476	443	415	389	366	341	315	287	260	236
-45°	469	440	411	388	366	345	324	299	273	249	226
-47.5°	432	409	386	364	344	325	305	283	260	237	213
-50°	400	380	360	340	324	306	287	268	246	223	201
-52.5°	370	354	338	322	305	288	270	250	229	209	191
-55°	347	332	317	302	286	270	252	233	214	197	177
-57.5°	324	310	296	283	270	254	236	218	199	181	162
-60°	299	287	274	262	249	234	216	199	182	165	147
-62.5°	269	258	247	235	223	210	193	177	162	148	132
-65°	236	226	216	206	194	181	166	154	143	131	116
-67.5°	205	196	186	175	165	153	143	133	122	111	98
-70°	176	168	159	149	140	130	121	111	101	91	81
-72.5°	149	142	134	126	117	108	100	92	83	75	66
-75°	122	117	110	103	96	88	81	74	68	61	54
-77.5°	96	91	86	81	75	70	65	59	53	48	42
-80°	71	68	64	61	56	52	48	43	39	34	30
-82.5°	49	47	45	42	39	36	32	29	26	23	20
-85°	29	28	27	25	23	21	19	17	15	13	11
-87.5°	11	11	11	10	9	8	7	7	6	5	4
-90°	0	0	0	0	0	0	0	0	0	0	0



Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626984 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	2	1	1	1	0	0	0	1	1	0	0
57.5°	5	3	2	2	1	1	0	1	1	1	0
55°	10	7	4	3	2	2	1	1	2	1	0
52.5°	19	13	9	5	3	3	2	1	2	2	1
50°	31	22	15	10	4	4	3	2	2	3	2
47.5°	46	34	23	16	9	5	4	3	2	3	2
45°	59	48	33	23	15	9	6	3	3	3	3
42.5°	71	60	47	30	22	14	8	5	3	3	3
40°	86	72	59	43	29	18	12	7	3	3	3
37.5°	101	86	71	54	37	25	16	10	4	4	3
35°	116	100	82	65	47	32	19	13	7	4	3
32.5°	131	113	94	75	56	39	24	16	10	6	3
30°	149	125	105	85	65	47	31	20	13	7	3
27.5°	165	137	115	94	73	54	38	24	15	9	4
25°	181	151	125	103	82	61	44	28	18	11	5
22.5°	196	165	135	110	91	68	50	34	22	13	6
20°	211	179	145	121	99	76	56	39	25	15	8
17.5°	226	192	159	132	108	84	62	44	28	17	9
15°	240	205	171	142	116	91	68	48	32	18	10
12.5°	254	217	182	152	124	97	73	52	35	20	12
10°	265	227	192	160	132	102	77	55	38	22	13
7.5°	275	237	200	168	139	108	81	59	41	23	15
5°	283	244	206	174	144	113	85	62	44	25	16
2.5°	288	249	211	178	148	118	88	64	47	26	17
0°	291	252	215	182	152	121	91	67	49	27	18
-2.5°	295	255	220	186	155	125	94	69	50	30	19
-5°	296	257	223	189	158	129	96	70	52	32	19
-7.5°	298	259	225	191	160	131	98	71	53	34	19
-10°	298	261	227	193	161	132	99	72	54	36	19
-12.5°	297	261	227	193	162	133	101	74	55	37	19
-15°	295	261	227	193	162	133	102	75	55	37	19
-17.5°	291	259	225	191	162	132	102	76	56	37	20
-20°	288	256	222	189	160	131	102	76	55	36	21

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Scaled Data Report



REPORT NUMBER: P626984 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	284	251	218	186	158	130	101	75	55	36	22
-25°	278	245	214	183	156	129	100	73	54	35	22
-27.5°	270	239	208	180	153	127	97	71	52	33	23
-30°	262	232	204	176	149	123	94	69	50	33	23
-32.5°	252	226	198	171	144	118	89	66	48	33	22
-35°	244	218	192	164	139	113	85	63	47	33	22
-37.5°	234	210	184	157	133	107	83	61	45	32	22
-40°	224	200	174	151	127	102	80	60	43	31	21
-42.5°	214	190	166	144	121	97	76	57	42	30	20
-45°	203	180	159	136	114	93	73	55	40	29	19
-47.5°	191	172	150	128	108	88	69	52	38	27	18
-50°	182	162	140	120	101	83	64	48	36	26	17
-52.5°	171	150	130	111	94	77	59	44	33	24	16
-55°	158	138	119	102	86	70	53	41	31	22	14
-57.5°	144	125	109	93	77	62	48	37	28	20	13
-60°	129	113	99	83	68	55	43	34	25	18	12
-62.5°	117	102	87	73	60	48	38	30	22	16	11
-65°	102	88	75	63	52	42	34	26	20	14	10
-67.5°	85	74	63	53	44	36	29	23	17	12	9
-70°	71	61	52	44	36	30	25	20	15	11	8
-72.5°	58	50	42	35	30	25	21	17	13	9	7
-75°	47	40	34	29	24	20	17	13	10	8	6
-77.5°	36	31	26	23	19	16	13	10	8	6	5
-80°	27	23	20	18	15	12	9	7	6	5	4
-82.5°	18	16	14	13	10	8	6	5	4	3	3
-85°	10	9	8	7	6	5	3	3	2	2	2
-87.5°	4	4	4	3	3	2	2	1	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: P626984 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	1	1	0	0	0	0	0
45°	2	1	0	0	0	0	0
42.5°	2	1	0	0	0	0	0
40°	2	2	0	0	0	0	0
37.5°	3	2	0	0	0	0	0
35°	3	2	1	0	0	0	0
32.5°	3	3	1	0	0	0	0
30°	3	3	1	0	0	0	0
27.5°	3	3	2	0	0	0	0
25°	3	3	2	0	0	0	0
22.5°	3	3	2	0	0	0	0
20°	3	3	2	0	0	0	0
17.5°	3	3	2	0	0	0	0
15°	4	3	3	0	0	0	0
12.5°	4	3	3	0	0	0	0
10°	4	3	3	0	0	0	0
7.5°	5	3	3	0	0	0	0
5°	5	3	3	0	0	0	0
2.5°	6	3	3	0	0	0	0
0°	6	3	3	0	0	0	0
-2.5°	7	3	3	0	0	0	0
-5°	8	4	3	0	0	0	0
-7.5°	9	4	3	1	0	0	0
-10°	10	4	3	1	0	0	0
-12.5°	11	4	3	1	0	0	0
-15°	12	5	3	1	0	0	0
-17.5°	12	5	3	1	0	0	0
-20°	12	5	3	1	0	0	0

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CATALOG NUMBER: GFLD-SA2D-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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