

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: P627124 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627124 (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-SA3C-722-U-MR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (48) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

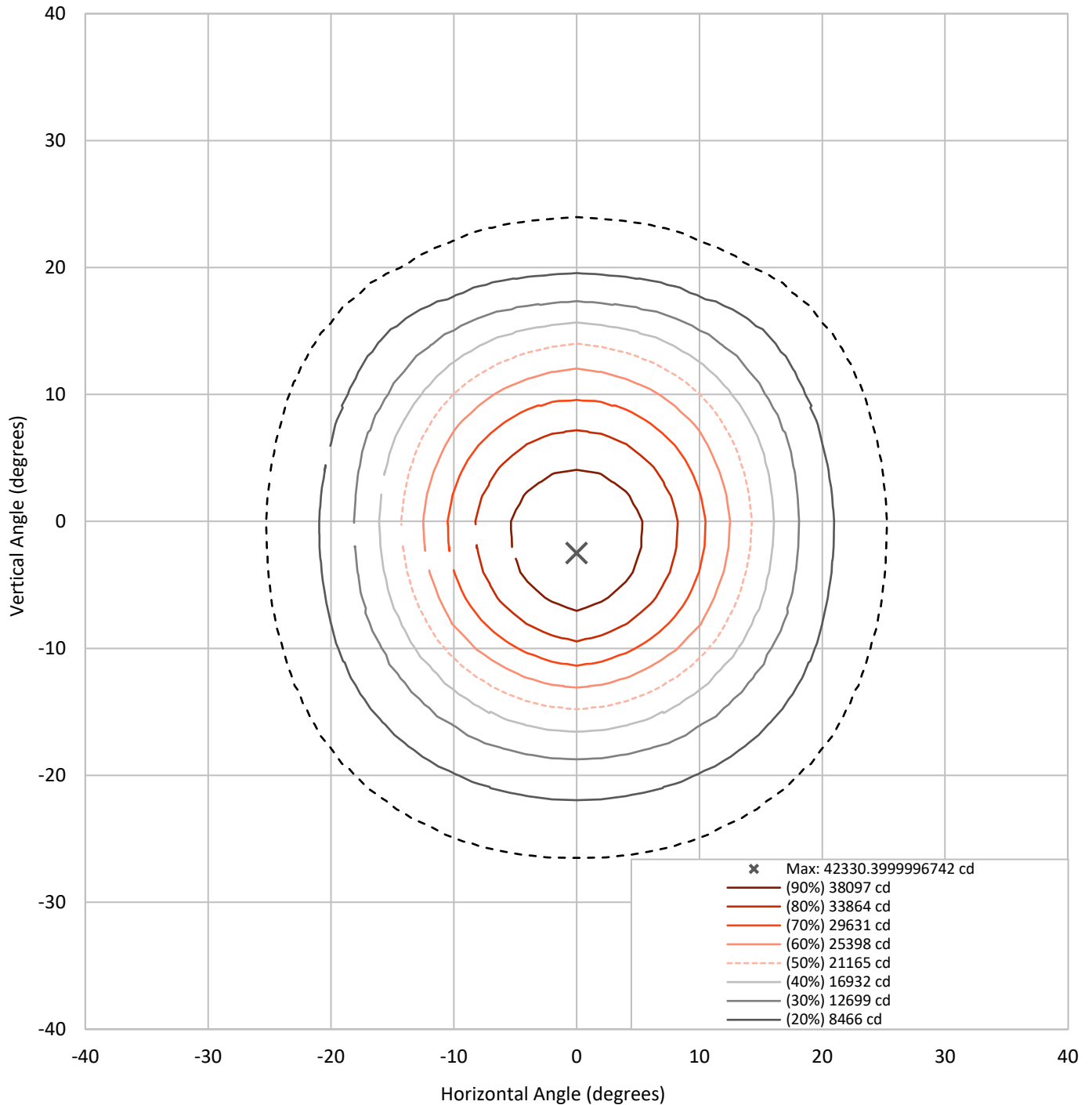
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	12005.8 lumens	Max Intensity:	42330.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	98.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	6003 lumens	Field Lumens:	10315.2 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	121.7		
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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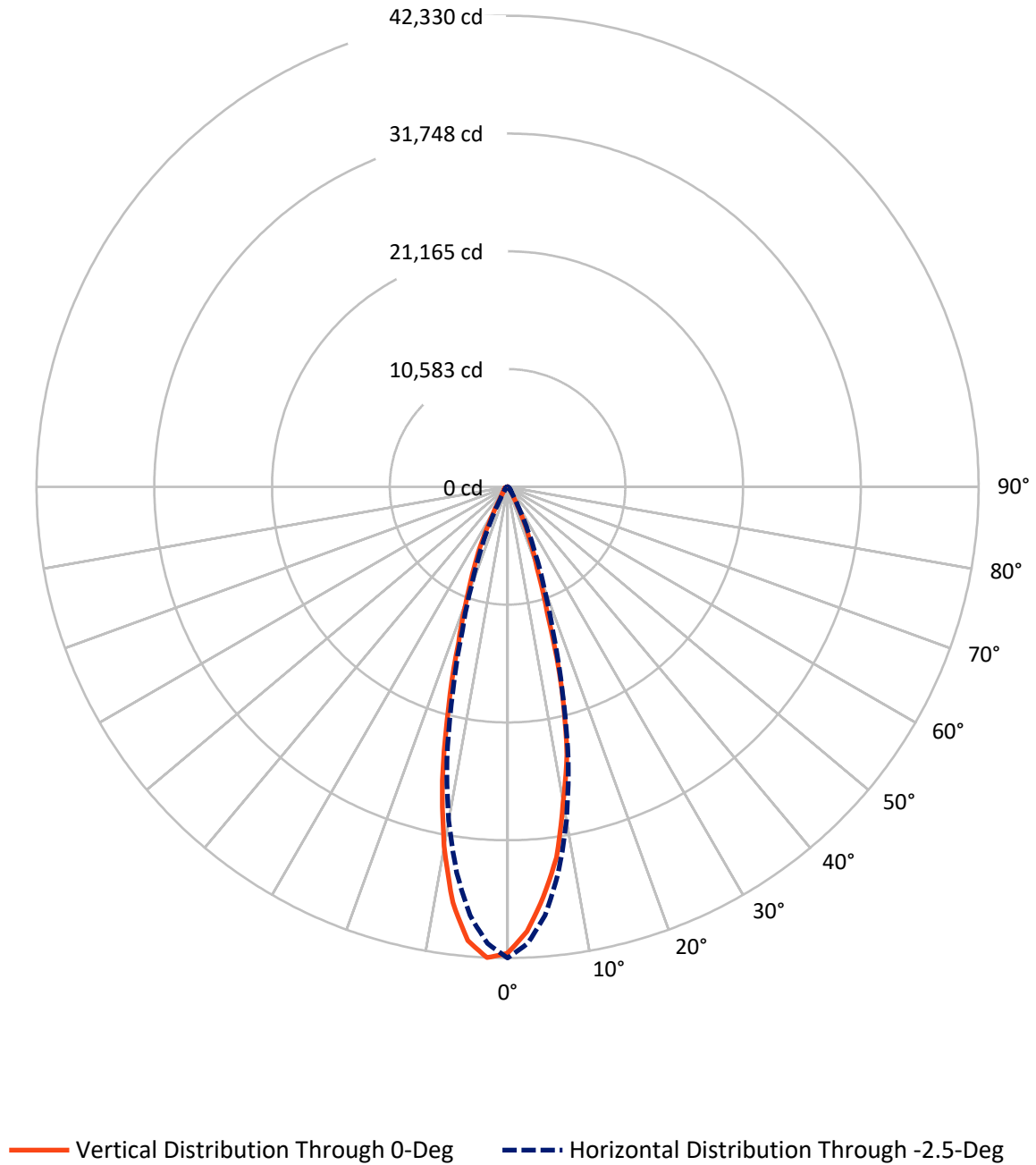
CATALOG NUMBER: GFLD-SA3C-722-U-MR-VSR-XX

### Lumen Table

90	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	0.0	0.0
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	0.0	0.0
70	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	0.0	0.0	0.0
60		0.0	0.1	0.3	0.8	1.4	1.9	2.3	2.3	1.9	1.4	0.8	0.3	0.1			
50	0.0	0.1	0.4	1.3	2.5	3.9	5.5	6.4	6.4	5.5	3.9	2.5	1.3	0.4	0.0	0.0	0.0
40		0.2	1.0	2.6	4.7	7.8	13.0	17.3	17.3	13.0	7.8	4.7	2.6	1.0			
30	0.1	0.4	1.6	3.9	7.5	18.1	57.0	104.5	104.5	57.0	18.1	7.5	3.9	1.6	0.1	0.1	0.1
20		0.6	2.2	5.3	12.8	62.5	254.3	497.8	497.8	254.3	62.5	12.8	5.3	2.2			
10	0.2	0.8	2.7	6.4	18.3	119.2	513.4	1006.3	1006.3	513.4	119.2	18.3	6.4	2.7	0.2	0.2	0.2
0		0.9	2.9	6.7	19.6	124.9	526.8	1067.0	1067.0	526.8	124.9	19.6	6.7	2.9			
-10	0.2	0.9	3.0	6.5	16.1	76.7	291.3	564.7	564.7	291.3	76.7	16.1	6.5	3.0	0.2	0.2	0.2
-20		0.9	2.9	6.0	11.8	29.8	90.2	161.0	161.0	90.2	29.8	11.8	6.0	2.9			
-30	0.2	0.8	2.6	5.2	9.0	14.7	24.0	32.1	32.1	24.0	14.7	9.0	5.2	2.6	0.2	0.2	0.2
-40		0.7	2.1	4.3	7.1	10.1	13.3	15.0	15.0	13.3	10.1	7.1	4.3	2.1			
-50	0.1	0.5	1.6	3.3	5.5	7.7	9.6	10.5	10.5	9.6	7.7	5.5	3.3	1.6	0.1	0.1	0.1
-60		0.3	1.0	2.2	3.7	5.2	6.6	7.3	7.3	6.6	5.2	3.7	2.2	1.0			
-70	0.0	0.8	3.6	7.7	9.7	7.7	3.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80		0.8	3.6	7.7	9.7	7.7	3.6	0.8									
-90	0.0	0.8	3.6	7.7	9.7	7.7	3.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

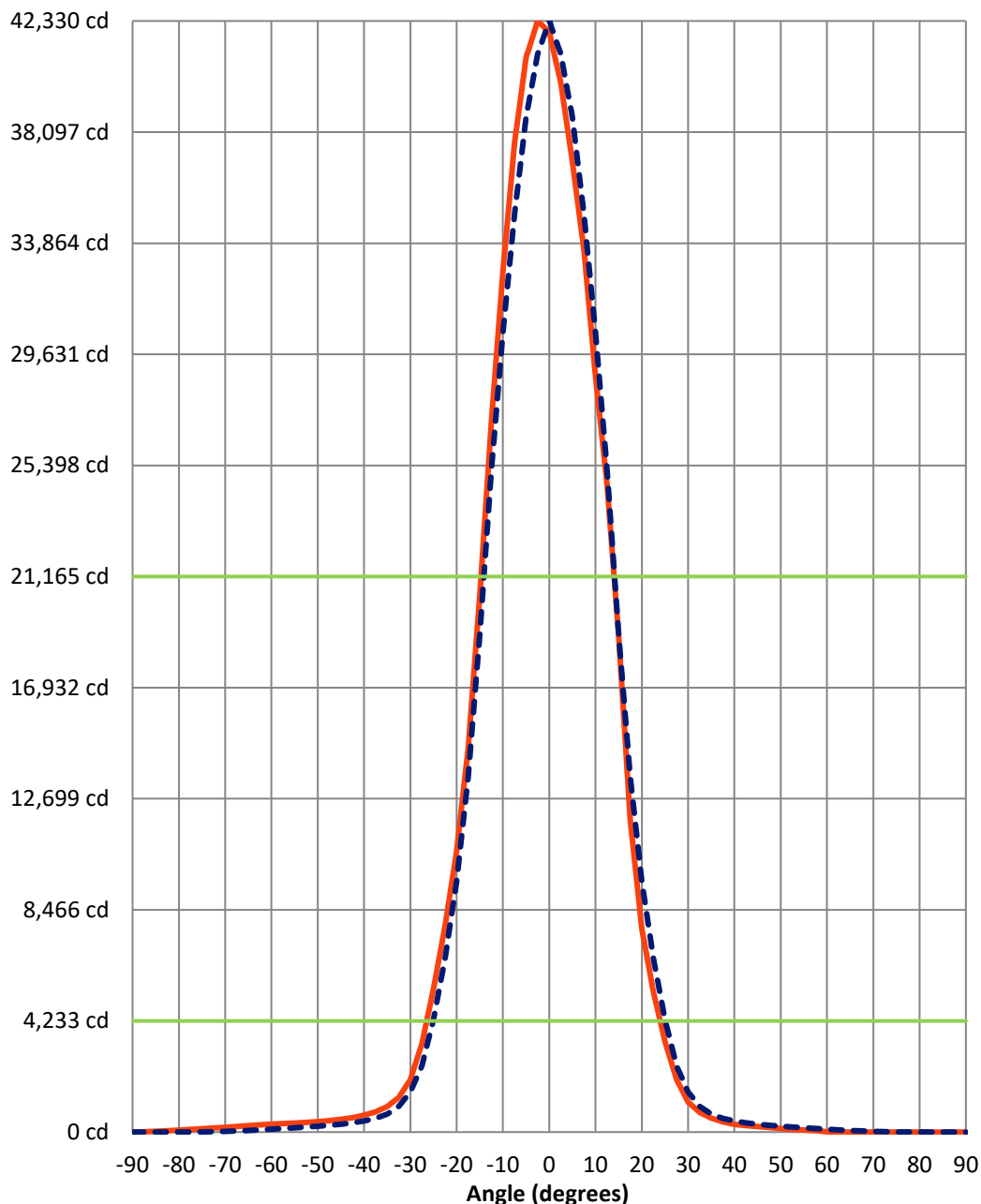
REPORT NUMBER: P627124 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-722-U-MR-VSR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 6003  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 10315.2  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 1690.6  
 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	1	3	2	2
47.5°	0	0	0	0	0	1	1	2	3	2	2
45°	0	0	0	0	0	1	1	3	3	2	3
42.5°	0	0	0	0	0	1	2	3	3	3	4
40°	0	0	0	0	0	2	2	3	3	3	6
37.5°	0	0	0	0	0	2	2	3	3	4	9
35°	0	0	0	0	1	2	3	3	4	6	12
32.5°	0	0	0	0	1	2	3	3	5	9	15
30°	0	0	0	0	1	2	3	3	6	11	18
27.5°	0	0	0	0	1	3	3	4	8	14	21
25°	0	0	0	0	2	3	3	5	9	16	25
22.5°	0	0	0	0	2	3	3	6	11	19	30
20°	0	0	0	0	2	3	3	7	13	22	34
17.5°	0	0	0	0	2	3	3	8	15	25	38
15°	0	0	0	0	2	3	3	9	16	28	42
12.5°	0	0	0	0	2	3	3	10	18	31	45
10°	0	0	0	0	3	3	4	12	19	34	49
7.5°	0	0	0	0	3	3	4	13	21	36	52
5°	0	0	0	0	3	3	5	14	22	39	54
2.5°	0	0	0	0	3	3	5	15	23	41	57
0°	0	0	0	0	3	3	5	16	24	43	59
-2.5°	0	0	0	0	3	3	6	16	26	44	60
-5°	0	0	0	0	3	3	7	17	28	45	62
-7.5°	0	0	0	1	3	4	8	17	30	46	63
-10°	0	0	0	1	3	4	9	17	32	47	63
-12.5°	0	0	0	1	3	4	10	17	33	48	65
-15°	0	0	0	1	3	4	10	17	33	49	66
-17.5°	0	0	0	1	3	4	11	18	32	49	67
-20°	0	0	0	1	2	4	11	19	32	49	67

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CATALOG NUMBER: GFLD-SA3C-722-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	4	11	19	31	48	66
-25°	0	0	0	1	3	5	11	20	30	47	64
-27.5°	0	0	0	1	3	5	11	20	29	46	63
-30°	0	0	0	1	3	5	11	20	29	44	61
-32.5°	0	0	0	1	3	5	11	20	29	43	58
-35°	0	0	0	1	3	5	11	19	29	41	55
-37.5°	0	0	0	1	3	5	11	19	28	39	54
-40°	0	0	0	1	4	6	11	18	27	38	52
-42.5°	0	0	0	1	3	6	10	18	26	37	50
-45°	0	0	0	0	3	6	10	17	25	35	48
-47.5°	0	0	0	0	3	6	9	16	24	33	46
-50°	0	0	0	0	3	6	9	15	23	31	42
-52.5°	0	0	0	0	3	5	9	14	21	29	39
-55°	0	0	0	1	2	5	8	13	19	27	36
-57.5°	0	0	0	1	2	5	8	12	18	25	33
-60°	0	0	0	1	2	4	7	11	16	22	29
-62.5°	0	0	0	1	2	4	6	10	14	20	26
-65°	0	0	0	1	2	4	6	9	13	17	23
-67.5°	0	0	0	1	2	3	5	8	11	15	20
-70°	0	0	0	1	2	3	5	7	10	13	17
-72.5°	0	0	0	1	1	3	4	6	8	11	15
-75°	0	0	0	0	1	2	4	5	7	9	12
-77.5°	0	0	0	0	1	2	3	4	5	7	9
-80°	0	0	0	0	1	2	3	3	4	5	6
-82.5°	0	0	0	0	1	1	2	2	3	3	4
-85°	0	0	0	0	0	1	1	2	2	2	2
-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-SA3C-722-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	2	3	5
57.5°	0	1	1	1	2	3	4	5	8	12	15
55°	1	2	2	2	4	6	9	13	18	23	28
52.5°	2	3	3	4	8	12	17	23	30	36	40
50°	3	3	4	9	13	19	28	36	42	48	55
47.5°	4	4	8	14	20	30	40	48	54	63	74
45°	5	8	13	20	29	42	51	58	69	80	91
42.5°	7	12	19	27	41	53	62	72	83	96	108
40°	10	16	25	38	52	64	75	86	98	113	126
37.5°	14	22	33	48	62	75	89	101	116	131	146
35°	17	28	41	57	72	88	102	117	135	152	169
32.5°	21	35	49	66	82	100	115	135	153	172	193
30°	27	41	57	75	92	110	131	152	170	191	214
27.5°	33	47	64	83	101	121	145	167	186	209	234
25°	39	54	72	90	110	133	159	181	202	227	256
22.5°	44	60	80	97	119	145	172	196	220	245	279
20°	50	67	87	106	127	157	185	212	240	271	310
17.5°	55	74	95	116	139	168	198	229	259	298	346
15°	59	80	102	125	150	180	211	245	281	325	380
12.5°	64	85	109	133	160	190	223	257	299	353	421
10°	68	90	116	141	168	200	233	269	314	372	451
7.5°	72	95	122	148	175	208	241	279	326	387	475
5°	75	99	127	153	181	214	248	287	336	400	495
2.5°	78	103	130	157	186	218	253	292	342	411	510
0°	80	107	133	160	189	221	256	296	346	421	520
-2.5°	83	110	136	163	193	224	259	299	351	424	522
-5°	84	113	139	166	195	226	260	300	353	424	523
-7.5°	86	115	140	168	197	227	262	302	355	424	523
-10°	87	116	142	169	199	229	262	301	353	419	514
-12.5°	88	116	142	170	200	229	261	299	348	411	498
-15°	89	116	143	169	199	229	259	294	340	401	476
-17.5°	90	116	142	168	198	228	256	290	332	389	461
-20°	90	115	141	166	195	225	253	286	326	376	441

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	89	115	139	163	192	221	249	280	317	359	417
-25°	88	113	137	161	188	215	244	273	308	348	398
-27.5°	86	111	134	158	183	210	238	266	298	335	377
-30°	82	108	131	154	179	204	230	258	287	321	360
-32.5°	78	104	127	150	174	198	222	248	277	306	341
-35°	75	99	122	144	169	192	214	238	265	293	322
-37.5°	73	94	117	138	161	184	205	227	252	279	306
-40°	70	89	112	132	153	176	197	217	239	265	291
-42.5°	67	86	106	126	146	167	188	207	228	252	276
-45°	64	82	100	120	140	158	178	198	218	239	262
-47.5°	60	77	95	113	132	151	168	187	208	228	248
-50°	56	73	89	105	123	142	160	177	196	216	235
-52.5°	52	67	82	98	114	132	150	168	184	201	220
-55°	47	61	75	90	104	121	139	156	173	188	205
-57.5°	42	54	68	82	95	109	126	143	159	175	191
-60°	38	48	60	73	87	100	114	129	145	160	175
-62.5°	34	42	52	64	76	89	102	116	130	143	156
-65°	30	37	45	55	66	77	89	102	115	125	135
-67.5°	25	32	39	46	56	65	75	86	98	108	117
-70°	22	26	32	39	46	54	63	71	80	89	98
-72.5°	18	22	26	31	37	44	51	58	65	73	81
-75°	15	18	21	25	30	35	41	47	53	59	65
-77.5°	11	14	17	20	23	27	32	37	42	47	52
-80°	8	10	13	15	18	20	23	27	30	34	38
-82.5°	6	7	9	11	12	14	16	17	20	23	26
-85°	3	4	5	6	7	8	9	10	11	13	15
-87.5°	2	2	2	3	3	3	4	4	4	5	6
-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	1	1	0	0	0
62.5°	1	1	2	3	3	3	3	4	4	4	4
60°	7	7	10	12	12	9	13	15	14	12	12
57.5°	19	23	27	28	32	37	39	38	39	40	45
55°	33	36	39	44	50	55	59	62	65	68	72
52.5°	45	51	55	61	68	72	74	81	88	93	96
50°	63	70	77	84	91	97	103	110	119	128	134
47.5°	83	91	101	111	119	125	132	142	154	165	172
45°	102	111	122	133	142	150	161	173	185	196	204
42.5°	118	129	141	153	161	174	188	201	216	230	241
40°	137	148	165	177	188	202	223	242	260	277	288
37.5°	160	178	197	212	226	243	273	301	324	347	363
35°	188	209	232	249	270	303	339	378	418	450	479
32.5°	214	237	261	287	319	366	412	475	534	594	651
30°	237	264	292	326	378	443	517	614	720	825	945
27.5°	262	291	325	379	458	546	683	836	1055	1230	1513
25°	289	322	368	453	563	718	958	1231	1682	2067	2502
22.5°	321	372	438	545	727	1006	1379	1974	2667	3311	3925
20°	361	430	543	713	975	1403	2111	3013	3977	4919	5830
17.5°	414	523	685	926	1298	2199	3252	4541	6191	7431	8606
15°	463	600	845	1236	1935	3094	4566	6540	8762	10630	12743
12.5°	520	685	981	1488	2488	4020	5896	8250	10880	13715	17025
10°	570	773	1153	1851	3064	4847	6950	9713	13090	17103	21286
7.5°	608	846	1297	2123	3549	5526	8034	11395	15672	20362	25133
5°	638	903	1411	2337	3963	6077	8825	12725	17601	22983	27728
2.5°	662	943	1486	2468	4242	6453	9366	13433	18781	24695	29676
0°	680	967	1527	2561	4371	6631	9616	13718	19334	25534	30656
-2.5°	686	980	1529	2529	4292	6620	9558	13543	18953	25201	30448
-5°	688	974	1491	2462	4152	6383	9175	12878	17787	23648	28966
-7.5°	683	948	1412	2297	3838	5964	8641	11891	15915	21082	26579
-10°	665	902	1307	2073	3406	5309	7809	10555	13770	17988	22442
-12.5°	631	834	1161	1738	2897	4569	6782	9210	11715	14487	18151
-15°	592	765	1041	1535	2426	3791	5584	7634	9713	11836	14071
-17.5°	561	704	919	1263	1862	2967	4400	6047	7734	9420	10925
-20°	523	632	800	1068	1503	2156	3234	4516	5776	7151	8305

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627124 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-722-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°	489	581	707	876	1168	1628	2243	3145	4103	5101	6049
-25°	456	526	626	762	936	1210	1616	2088	2760	3374	4077
-27.5°	429	488	555	656	788	938	1187	1462	1815	2108	2577
-30°	403	450	505	570	667	781	915	1082	1254	1427	1652
-32.5°	378	417	461	513	573	659	742	849	943	1047	1155
-35°	354	389	425	466	513	569	631	702	765	827	884
-37.5°	333	362	394	427	464	503	552	602	644	685	720
-40°	316	340	366	393	423	455	493	530	558	585	607
-42.5°	300	321	342	365	389	418	448	476	496	514	529
-45°	285	303	322	341	361	386	412	434	449	463	473
-47.5°	268	285	302	319	339	359	379	396	409	421	429
-50°	252	269	284	299	316	334	352	365	377	388	393
-52.5°	237	253	268	283	297	311	325	338	350	361	365
-55°	222	237	251	265	279	292	305	316	327	337	340
-57.5°	207	223	237	249	260	272	284	296	306	315	319
-60°	190	206	219	230	241	252	263	273	283	292	296
-62.5°	170	184	196	207	217	227	236	246	255	262	267
-65°	146	159	170	181	190	199	208	216	224	229	233
-67.5°	126	135	145	154	163	172	180	187	194	199	202
-70°	106	114	123	131	140	147	154	161	167	172	175
-72.5°	88	95	103	111	118	125	130	136	142	146	149
-75°	71	78	84	91	97	102	107	112	117	120	123
-77.5°	57	62	66	71	76	80	84	88	92	94	97
-80°	42	46	50	53	57	60	63	66	69	71	73
-82.5°	28	31	34	37	40	42	43	45	46	48	50
-85°	16	18	20	22	24	25	26	27	28	29	30
-87.5°	7	7	8	9	10	10	10	10	10	11	12
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627124 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-722-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°	3	3	3	3	3	3	3	4	4	4	4
60°	12	11	11	11	11	11	12	12	12	14	15
57.5°	50	53	55	56	55	53	50	45	40	39	38
55°	76	78	79	77	79	78	76	72	68	65	62
52.5°	98	98	97	96	97	98	98	96	93	88	81
50°	136	135	135	136	135	135	136	134	128	119	110
47.5°	174	176	177	176	177	176	174	172	165	154	142
45°	208	211	212	211	212	211	208	204	196	185	173
42.5°	245	246	247	248	247	246	245	241	230	216	201
40°	293	294	294	293	294	294	293	288	277	260	242
37.5°	374	380	382	389	382	380	374	363	347	324	301
35°	501	514	522	533	522	514	501	479	450	418	378
32.5°	692	719	734	749	734	719	692	651	594	534	475
30°	1028	1083	1105	1146	1105	1083	1028	945	825	720	614
27.5°	1721	1851	1902	2010	1902	1851	1721	1513	1230	1055	836
25°	2898	3179	3334	3457	3334	3179	2898	2502	2067	1682	1231
22.5°	4544	4956	5176	5339	5176	4956	4544	3925	3311	2667	1974
20°	6656	7199	7523	7759	7523	7199	6656	5830	4919	3977	3013
17.5°	10115	10969	11469	11898	11469	10969	10115	8606	7431	6191	4541
15°	15101	16817	18151	18894	18151	16817	15101	12743	10630	8762	6540
12.5°	19951	22465	23959	24646	23959	22465	19951	17025	13715	10880	8250
10°	24748	27118	28540	28791	28540	27118	24748	21286	17103	13090	9713
7.5°	28420	31027	32915	33602	32915	31027	28420	25133	20362	15672	11395
5°	31663	34716	36714	36968	36714	34716	31663	27728	22983	17601	12725
2.5°	34049	37368	39306	39972	39306	37368	34049	29676	24695	18781	13433
0°	35203	38778	40934	41904	40934	38778	35203	30656	25534	19334	13718
-2.5°	34961	38657	41064	42330	41064	38657	34961	30448	25201	18953	13543
-5°	33631	37339	39583	40928	39583	37339	33631	28966	23648	17787	12878
-7.5°	30566	34033	36422	37663	36422	34033	30566	26579	21082	15915	11891
-10°	26616	29550	31728	32786	31728	29550	26616	22442	17988	13770	10555
-12.5°	21483	24329	26294	27042	26294	24329	21483	18151	14487	11715	9210
-15°	16460	18632	20028	20470	20028	18632	16460	14071	11836	9713	7634
-17.5°	12483	13652	14437	14649	14437	13652	12483	10925	9420	7734	6047
-20°	9352	10076	10586	10707	10586	10076	9352	8305	7151	5776	4516

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REPORT NUMBER: P627124 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-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°	6814	7359	7770	7852	7770	7359	6814	6049	5101	4103	3145
-25°	4700	5156	5435	5456	5435	5156	4700	4077	3374	2760	2088
-27.5°	2947	3197	3326	3372	3326	3197	2947	2577	2108	1815	1462
-30°	1821	1936	1997	1999	1997	1936	1821	1652	1427	1254	1082
-32.5°	1236	1292	1322	1322	1322	1292	1236	1155	1047	943	849
-35°	926	955	971	973	971	955	926	884	827	765	702
-37.5°	745	760	769	770	769	760	745	720	685	644	602
-40°	623	634	641	645	641	634	623	607	585	558	530
-42.5°	538	546	549	546	549	546	538	529	514	496	476
-45°	480	484	487	488	487	484	480	473	463	449	434
-47.5°	433	435	436	437	436	435	433	429	421	409	396
-50°	396	398	398	397	398	398	396	393	388	377	365
-52.5°	366	367	367	368	367	367	366	365	361	350	338
-55°	342	343	343	344	343	343	342	340	337	327	316
-57.5°	321	324	324	323	324	324	321	319	315	306	296
-60°	300	302	303	304	303	302	300	296	292	283	273
-62.5°	270	273	274	275	274	273	270	267	262	255	246
-65°	236	238	242	245	242	238	236	233	229	224	216
-67.5°	205	207	210	213	210	207	205	202	199	194	187
-70°	178	180	181	181	181	180	178	175	172	167	161
-72.5°	151	154	154	155	154	154	151	149	146	142	136
-75°	125	127	128	128	128	127	125	123	120	117	112
-77.5°	99	101	101	101	101	101	99	97	94	92	88
-80°	75	77	76	75	76	77	75	73	71	69	66
-82.5°	51	53	52	51	52	53	51	50	48	46	45
-85°	31	32	31	29	31	32	31	30	29	28	27
-87.5°	13	13	12	11	12	13	13	12	11	10	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627124 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-722-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	0	0	0	0	0	0	0	0	0	0
62.5°	3	3	3	3	2	1	1	1	1	0	1
60°	13	9	12	12	10	7	7	5	3	2	2
57.5°	39	37	32	28	27	23	19	15	12	8	5
55°	59	55	50	44	39	36	33	28	23	18	13
52.5°	74	72	68	61	55	51	45	40	36	30	23
50°	103	97	91	84	77	70	63	55	48	42	36
47.5°	132	125	119	111	101	91	83	74	63	54	48
45°	161	150	142	133	122	111	102	91	80	69	58
42.5°	188	174	161	153	141	129	118	108	96	83	72
40°	223	202	188	177	165	148	137	126	113	98	86
37.5°	273	243	226	212	197	178	160	146	131	116	101
35°	339	303	270	249	232	209	188	169	152	135	117
32.5°	412	366	319	287	261	237	214	193	172	153	135
30°	517	443	378	326	292	264	237	214	191	170	152
27.5°	683	546	458	379	325	291	262	234	209	186	167
25°	958	718	563	453	368	322	289	256	227	202	181
22.5°	1379	1006	727	545	438	372	321	279	245	220	196
20°	2111	1403	975	713	543	430	361	310	271	240	212
17.5°	3252	2199	1298	926	685	523	414	346	298	259	229
15°	4566	3094	1935	1236	845	600	463	380	325	281	245
12.5°	5896	4020	2488	1488	981	685	520	421	353	299	257
10°	6950	4847	3064	1851	1153	773	570	451	372	314	269
7.5°	8034	5526	3549	2123	1297	846	608	475	387	326	279
5°	8825	6077	3963	2337	1411	903	638	495	400	336	287
2.5°	9366	6453	4242	2468	1486	943	662	510	411	342	292
0°	9616	6631	4371	2561	1527	967	680	520	421	346	296
-2.5°	9558	6620	4292	2529	1529	980	686	522	424	351	299
-5°	9175	6383	4152	2462	1491	974	688	523	424	353	300
-7.5°	8641	5964	3838	2297	1412	948	683	523	424	355	302
-10°	7809	5309	3406	2073	1307	902	665	514	419	353	301
-12.5°	6782	4569	2897	1738	1161	834	631	498	411	348	299
-15°	5584	3791	2426	1535	1041	765	592	476	401	340	294
-17.5°	4400	2967	1862	1263	919	704	561	461	389	332	290
-20°	3234	2156	1503	1068	800	632	523	441	376	326	286

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REPORT NUMBER: P627124 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-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°	2243	1628	1168	876	707	581	489	417	359	317	280
-25°	1616	1210	936	762	626	526	456	398	348	308	273
-27.5°	1187	938	788	656	555	488	429	377	335	298	266
-30°	915	781	667	570	505	450	403	360	321	287	258
-32.5°	742	659	573	513	461	417	378	341	306	277	248
-35°	631	569	513	466	425	389	354	322	293	265	238
-37.5°	552	503	464	427	394	362	333	306	279	252	227
-40°	493	455	423	393	366	340	316	291	265	239	217
-42.5°	448	418	389	365	342	321	300	276	252	228	207
-45°	412	386	361	341	322	303	285	262	239	218	198
-47.5°	379	359	339	319	302	285	268	248	228	208	187
-50°	352	334	316	299	284	269	252	235	216	196	177
-52.5°	325	311	297	283	268	253	237	220	201	184	168
-55°	305	292	279	265	251	237	222	205	188	173	156
-57.5°	284	272	260	249	237	223	207	191	175	159	143
-60°	263	252	241	230	219	206	190	175	160	145	129
-62.5°	236	227	217	207	196	184	170	156	143	130	116
-65°	208	199	190	181	170	159	146	135	125	115	102
-67.5°	180	172	163	154	145	135	126	117	108	98	86
-70°	154	147	140	131	123	114	106	98	89	80	71
-72.5°	130	125	118	111	103	95	88	81	73	65	58
-75°	107	102	97	91	84	78	71	65	59	53	47
-77.5°	84	80	76	71	66	62	57	52	47	42	37
-80°	63	60	57	53	50	46	42	38	34	30	27
-82.5°	43	42	40	37	34	31	28	26	23	20	17
-85°	26	25	24	22	20	18	16	15	13	11	10
-87.5°	10	10	10	9	8	7	7	6	5	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P627124 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-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°	4	3	2	1	1	1	0	1	1	1	0
55°	9	6	4	2	2	2	1	1	2	1	0
52.5°	17	12	8	4	3	3	2	1	2	2	1
50°	28	19	13	9	4	3	3	2	2	3	1
47.5°	40	30	20	14	8	4	4	2	2	3	2
45°	51	42	29	20	13	8	5	3	2	3	3
42.5°	62	53	41	27	19	12	7	4	3	3	3
40°	75	64	52	38	25	16	10	6	3	3	3
37.5°	89	75	62	48	33	22	14	9	4	3	3
35°	102	88	72	57	41	28	17	12	6	4	3
32.5°	115	100	82	66	49	35	21	15	9	5	3
30°	131	110	92	75	57	41	27	18	11	6	3
27.5°	145	121	101	83	64	47	33	21	14	8	4
25°	159	133	110	90	72	54	39	25	16	9	5
22.5°	172	145	119	97	80	60	44	30	19	11	6
20°	185	157	127	106	87	67	50	34	22	13	7
17.5°	198	168	139	116	95	74	55	38	25	15	8
15°	211	180	150	125	102	80	59	42	28	16	9
12.5°	223	190	160	133	109	85	64	45	31	18	10
10°	233	200	168	141	116	90	68	49	34	19	12
7.5°	241	208	175	148	122	95	72	52	36	21	13
5°	248	214	181	153	127	99	75	54	39	22	14
2.5°	253	218	186	157	130	103	78	57	41	23	15
0°	256	221	189	160	133	107	80	59	43	24	16
-2.5°	259	224	193	163	136	110	83	60	44	26	16
-5°	260	226	195	166	139	113	84	62	45	28	17
-7.5°	262	227	197	168	140	115	86	63	46	30	17
-10°	262	229	199	169	142	116	87	63	47	32	17
-12.5°	261	229	200	170	142	116	88	65	48	33	17
-15°	259	229	199	169	143	116	89	66	49	33	17
-17.5°	256	228	198	168	142	116	90	67	49	32	18
-20°	253	225	195	166	141	115	90	67	49	32	19

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REPORT NUMBER: P627124 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-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°	249	221	192	163	139	115	89	66	48	31	19
-25°	244	215	188	161	137	113	88	64	47	30	20
-27.5°	238	210	183	158	134	111	86	63	46	29	20
-30°	230	204	179	154	131	108	82	61	44	29	20
-32.5°	222	198	174	150	127	104	78	58	43	29	20
-35°	214	192	169	144	122	99	75	55	41	29	19
-37.5°	205	184	161	138	117	94	73	54	39	28	19
-40°	197	176	153	132	112	89	70	52	38	27	18
-42.5°	188	167	146	126	106	86	67	50	37	26	18
-45°	178	158	140	120	100	82	64	48	35	25	17
-47.5°	168	151	132	113	95	77	60	46	33	24	16
-50°	160	142	123	105	89	73	56	42	31	23	15
-52.5°	150	132	114	98	82	67	52	39	29	21	14
-55°	139	121	104	90	75	61	47	36	27	19	13
-57.5°	126	109	95	82	68	54	42	33	25	18	12
-60°	114	100	87	73	60	48	38	29	22	16	11
-62.5°	102	89	76	64	52	42	34	26	20	14	10
-65°	89	77	66	55	45	37	30	23	17	13	9
-67.5°	75	65	56	46	39	32	25	20	15	11	8
-70°	63	54	46	39	32	26	22	17	13	10	7
-72.5°	51	44	37	31	26	22	18	15	11	8	6
-75°	41	35	30	25	21	18	15	12	9	7	5
-77.5°	32	27	23	20	17	14	11	9	7	5	4
-80°	23	20	18	15	13	10	8	6	5	4	3
-82.5°	16	14	12	11	9	7	6	4	3	3	2
-85°	9	8	7	6	5	4	3	2	2	2	2
-87.5°	4	3	3	3	2	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: P627124 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-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°	1	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°	2	2	0	0	0	0	0
35°	3	2	1	0	0	0	0
32.5°	3	2	1	0	0	0	0
30°	3	2	1	0	0	0	0
27.5°	3	3	1	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°	3	3	2	0	0	0	0
12.5°	3	3	2	0	0	0	0
10°	4	3	3	0	0	0	0
7.5°	4	3	3	0	0	0	0
5°	5	3	3	0	0	0	0
2.5°	5	3	3	0	0	0	0
0°	5	3	3	0	0	0	0
-2.5°	6	3	3	0	0	0	0
-5°	7	3	3	0	0	0	0
-7.5°	8	4	3	1	0	0	0
-10°	9	4	3	1	0	0	0
-12.5°	10	4	3	1	0	0	0
-15°	10	4	3	1	0	0	0
-17.5°	11	4	3	1	0	0	0
-20°	11	4	2	1	0	0	0

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CATALOG NUMBER: GFLD-SA3C-722-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)