

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: P627024 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627024 (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-SA2E-730-U-MR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (32) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13664.7 lumens  
Efficiency: N/A  
Efficacy: 108.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 48179.4 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 6832.5 lumens  
Beam Efficiency: 50.0%

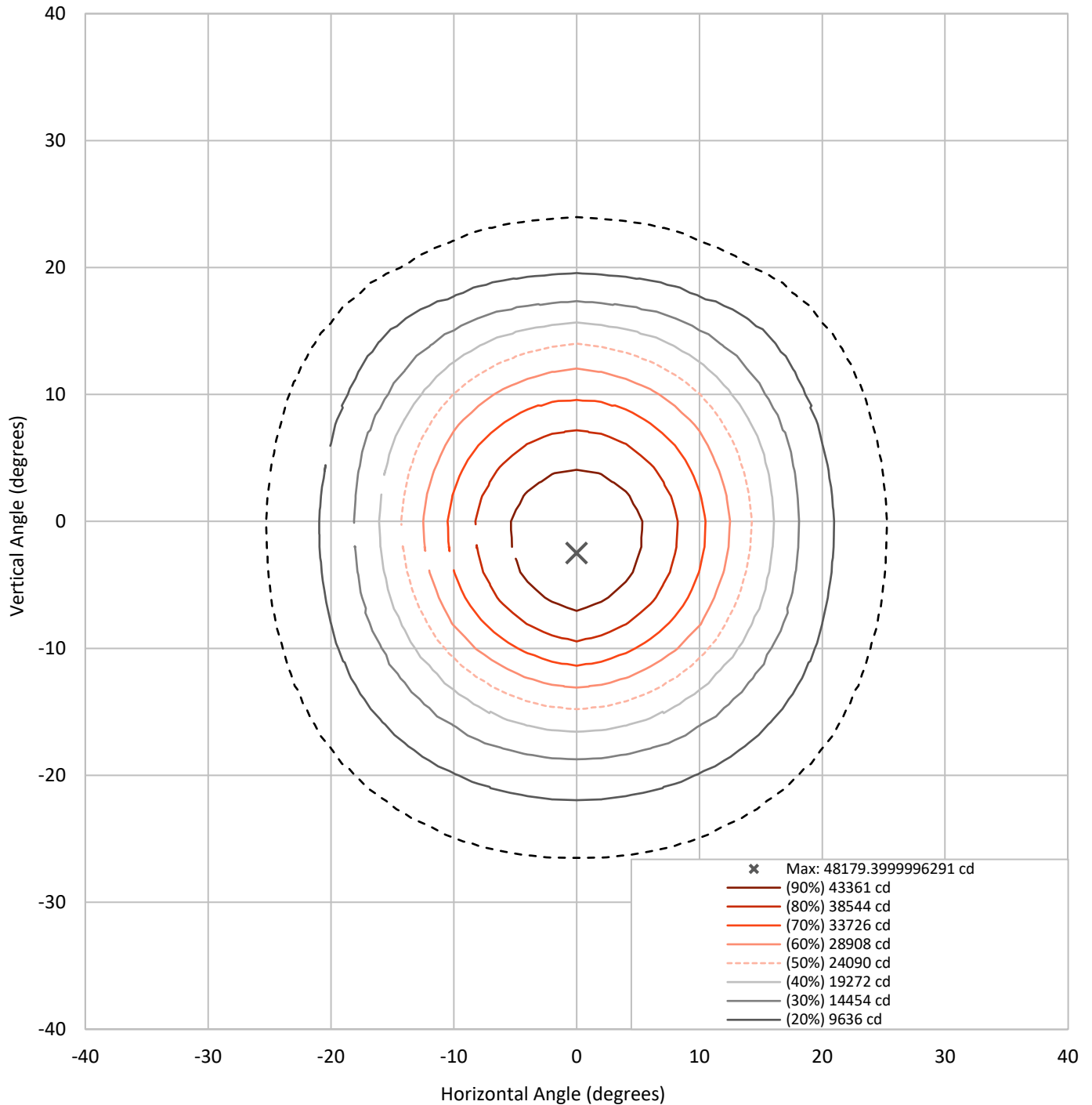
Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 11740.5 lumens  
Field Efficiency: 85.9%

Input Watts (W): 125.7  
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





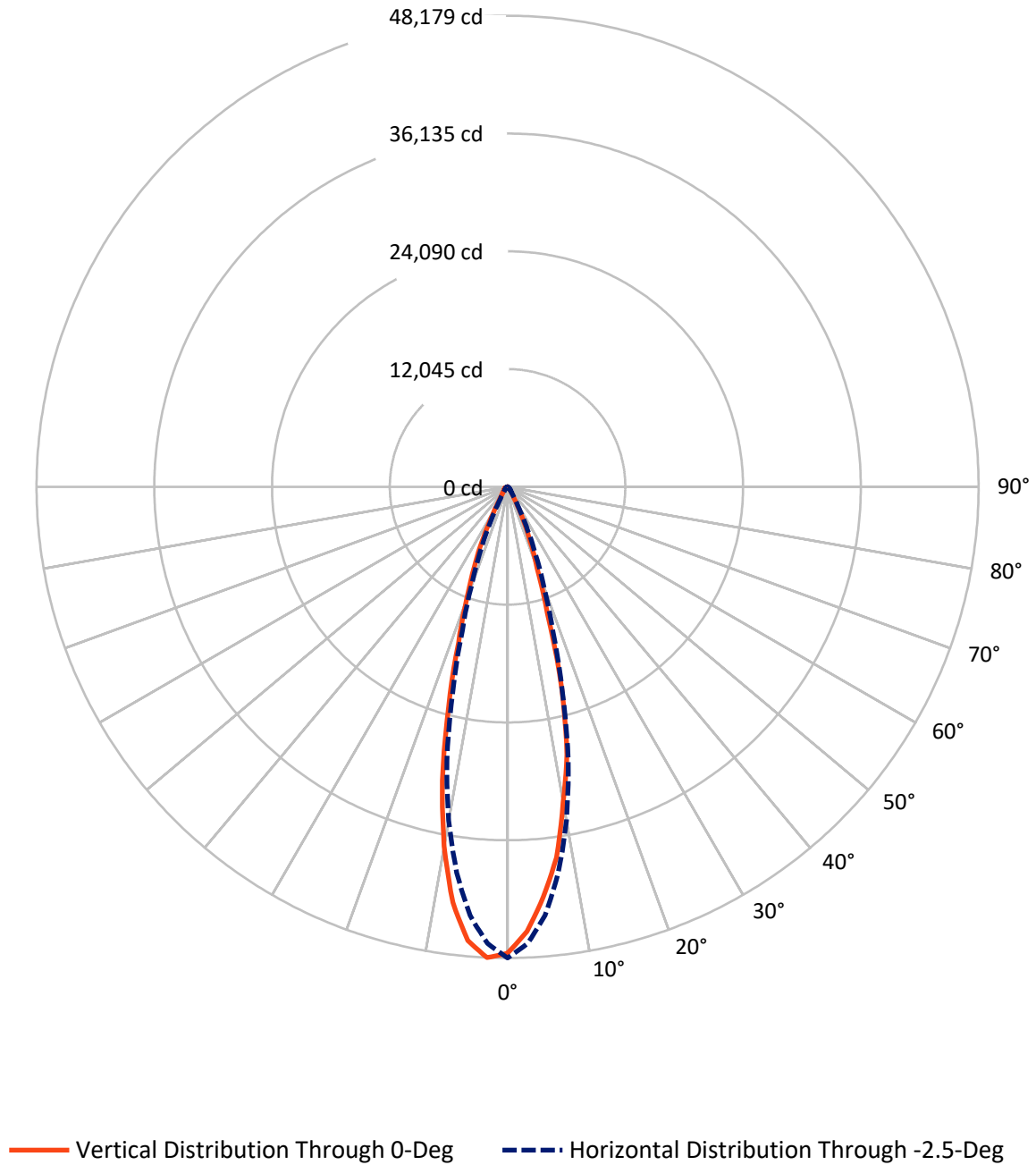
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### Lumen Table

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	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	0.0			
60		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				
50	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	0.0			
40		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				
30	0.1	0.4	1.8	4.5	8.5	20.6	64.8	118.9	118.9	64.8	20.6	8.5	4.5	1.8	0.4	0.1			
20		0.7	2.5	6.1	14.5	71.2	289.4	566.6	566.6	289.4	71.2	14.5	6.1	2.5	0.7				
10	0.2	0.9	3.1	7.2	20.9	135.6	584.3	1145.3	1145.3	584.3	135.6	20.9	7.2	3.1	0.9	0.2			
0		1.0	3.4	7.6	22.3	142.1	599.6	1214.4	1214.4	599.6	142.1	22.3	7.6	3.4	1.0				
-10	0.3	1.0	3.4	7.4	18.3	87.3	331.6	642.7	642.7	331.6	87.3	18.3	7.4	3.4	1.0	0.3			
-20		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				
-30	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	0.2			
-40		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				
-50	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	0.2			
-60		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				
-70																			
-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

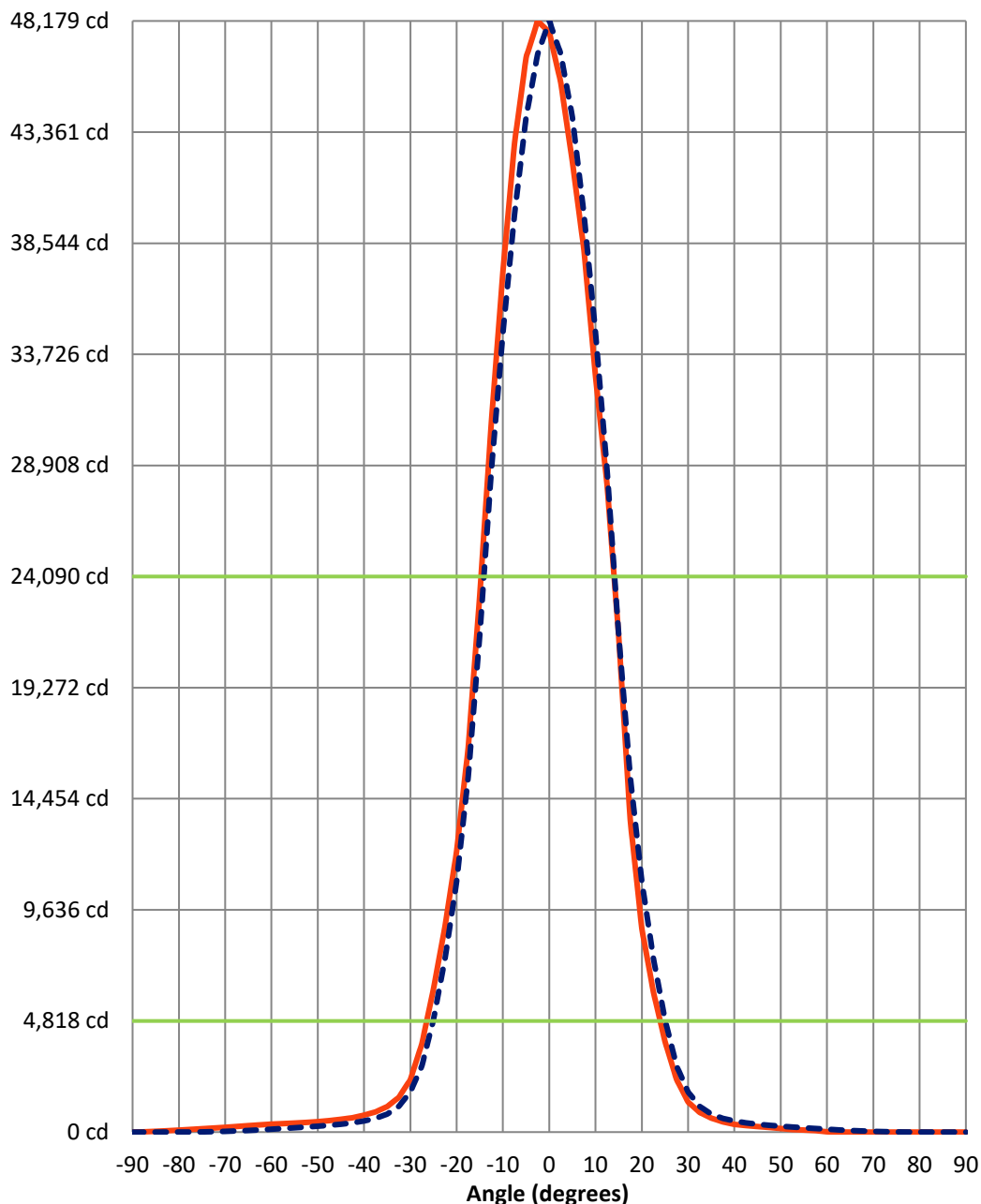
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 6832.5  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 11740.5  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 1924.2  
 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	46	64
0°	0	0	0	0	3	3	6	18	27	48	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	54	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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CATALOG NUMBER: GFLD-SA2E-730-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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**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	58	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	217	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	178	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	432
12.5°	73	97	124	152	182	217	253	293	341	401	479
10°	77	102	132	160	191	227	265	306	357	423	513
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	117	148	178	211	249	288	333	390	468	580
0°	91	121	152	182	215	252	291	337	394	479	591
-2.5°	94	125	155	186	219	255	295	340	400	483	594
-5°	96	128	158	189	222	257	296	342	402	483	596
-7.5°	98	131	160	191	225	259	298	343	404	482	595
-10°	99	132	161	192	226	260	298	343	401	477	585
-12.5°	101	132	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	161	191	225	259	291	330	378	443	525
-20°	102	131	160	188	222	256	288	325	371	428	502

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CATALOG NUMBER: GFLD-SA2E-730-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	213	245	278	310	350	396	453
-27.5°	97	126	153	180	208	239	270	302	339	381	429
-30°	94	123	149	176	204	232	262	293	326	365	410
-32.5°	89	118	144	171	198	226	252	283	315	348	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	259	287	315
-45°	73	93	114	136	159	180	203	225	248	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	245	268
-52.5°	59	76	94	111	130	150	171	191	209	229	250
-55°	53	69	86	102	119	138	158	177	197	214	233
-57.5°	48	62	77	93	109	124	144	162	181	199	218
-60°	43	55	68	83	99	113	129	147	165	182	199
-62.5°	38	48	60	72	87	102	116	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	62	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	135	146	152
47.5°	95	104	114	127	135	142	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	275	296	315	327
37.5°	183	203	224	241	257	277	310	343	369	395	413
35°	214	238	264	283	307	344	386	431	476	512	545
32.5°	243	270	297	327	364	416	468	541	608	676	741
30°	270	300	333	371	431	504	589	699	819	939	1076
27.5°	298	331	370	431	521	621	778	952	1200	1400	1722
25°	329	366	419	516	641	817	1090	1401	1914	2353	2848
22.5°	366	423	499	620	828	1145	1570	2247	3036	3768	4467
20°	411	489	618	811	1110	1597	2403	3430	4527	5599	6635
17.5°	472	595	779	1054	1477	2502	3701	5168	7047	8457	9795
15°	527	682	962	1406	2203	3522	5197	7444	9973	12099	14504
12.5°	592	780	1116	1693	2831	4575	6711	9390	12383	15610	19378
10°	649	880	1313	2107	3487	5517	7910	11055	14899	19466	24227
7.5°	693	963	1477	2417	4040	6289	9144	12969	17838	23175	28605
5°	726	1028	1605	2660	4510	6916	10044	14484	20033	26159	31559
2.5°	753	1073	1691	2809	4827	7345	10660	15289	21376	28107	33777
0°	774	1101	1738	2915	4975	7548	10945	15614	22006	29062	34892
-2.5°	781	1116	1741	2878	4885	7535	10879	15414	21571	28683	34656
-5°	783	1108	1697	2802	4726	7265	10443	14657	20245	26916	32969
-7.5°	778	1079	1608	2614	4369	6788	9835	13534	18114	23995	30251
-10°	757	1027	1487	2360	3877	6043	8888	12013	15672	20473	25543
-12.5°	719	950	1321	1978	3297	5200	7719	10482	13334	16489	20659
-15°	673	870	1185	1747	2761	4315	6355	8689	11055	13471	16015
-17.5°	639	801	1046	1438	2120	3376	5008	6883	8803	10722	12435
-20°	595	719	910	1215	1710	2454	3681	5140	6575	8139	9452

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627024 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-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	1853	2553	3580	4670	5806	6884
-25°	519	599	712	867	1066	1377	1839	2376	3141	3840	4641
-27.5°	488	555	632	746	897	1068	1351	1665	2066	2399	2933
-30°	458	512	575	649	759	889	1041	1231	1428	1624	1880
-32.5°	430	475	525	584	653	750	845	966	1074	1192	1314
-35°	403	443	484	531	583	647	718	799	871	942	1006
-37.5°	379	413	448	485	528	572	628	685	733	779	819
-40°	359	387	417	448	481	517	561	603	635	665	690
-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	324	344	363	386	409	432	450	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	322	333	337
-62.5°	193	210	223	235	247	258	269	280	290	299	303
-65°	166	181	194	205	216	226	236	246	255	261	265
-67.5°	143	153	164	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: P627024 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-730-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	111	111	109	111	111	111	109	106	100	93
50°	154	154	154	155	154	154	154	152	146	135	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°	278	280	281	282	281	280	278	274	262	246	229
40°	333	335	335	334	335	335	333	327	315	296	275
37.5°	426	432	435	443	435	432	426	413	395	369	343
35°	570	585	594	607	594	585	570	545	512	476	431
32.5°	787	819	836	852	836	819	787	741	676	608	541
30°	1170	1233	1258	1304	1258	1233	1170	1076	939	819	699
27.5°	1959	2107	2165	2287	2165	2107	1959	1722	1400	1200	952
25°	3299	3619	3795	3935	3795	3619	3299	2848	2353	1914	1401
22.5°	5172	5641	5891	6076	5891	5641	5172	4467	3768	3036	2247
20°	7575	8194	8563	8831	8563	8194	7575	6635	5599	4527	3430
17.5°	11513	12485	13053	13542	13053	12485	11513	9795	8457	7047	5168
15°	17187	19141	20659	21505	20659	19141	17187	14504	12099	9973	7444
12.5°	22708	25569	27270	28052	27270	25569	22708	19378	15610	12383	9390
10°	28167	30866	32483	32769	32483	30866	28167	24227	19466	14899	11055
7.5°	32347	35314	37464	38244	37464	35314	32347	28605	23175	17838	12969
5°	36038	39513	41787	42076	41787	39513	36038	31559	26159	20033	14484
2.5°	38754	42531	44737	45495	44737	42531	38754	33777	28107	21376	15289
0°	40068	44136	46590	47694	46590	44136	40068	34892	29062	22006	15614
-2.5°	39791	43999	46738	48179	46738	43999	39791	34656	28683	21571	15414
-5°	38278	42498	45052	46584	45052	42498	38278	32969	26916	20245	14657
-7.5°	34789	38735	41454	42868	41454	38735	34789	30251	23995	18114	13534
-10°	30294	33633	36112	37316	36112	33633	30294	25543	20473	15672	12013
-12.5°	24452	27691	29927	30779	29927	27691	24452	20659	16489	13334	10482
-15°	18734	21207	22795	23298	22795	21207	18734	16015	13471	11055	8689
-17.5°	14207	15538	16432	16673	16432	15538	14207	12435	10722	8803	6883
-20°	10644	11469	12049	12186	12049	11469	10644	9452	8139	6575	5140

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REPORT NUMBER: P627024 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-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°	7755	8375	8844	8937	8844	8375	7755	6884	5806	4670	3580
-25°	5350	5868	6186	6210	6186	5868	5350	4641	3840	3141	2376
-27.5°	3354	3639	3786	3838	3786	3639	3354	2933	2399	2066	1665
-30°	2073	2204	2273	2275	2273	2204	2073	1880	1624	1428	1231
-32.5°	1407	1470	1505	1505	1505	1470	1407	1314	1192	1074	966
-35°	1054	1087	1105	1107	1105	1087	1054	1006	942	871	799
-37.5°	847	866	875	877	875	866	847	819	779	733	685
-40°	709	721	729	734	729	721	709	690	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	450
-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	368	369	367	369	368	366	363	359	348	336
-60°	341	344	345	346	345	344	341	337	333	322	311
-62.5°	307	311	312	313	312	311	307	303	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	145	146	145	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: P627024 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-730-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	62	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	142	135	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°	310	277	257	241	224	203	183	167	149	132	115
35°	386	344	307	283	264	238	214	192	173	153	133
32.5°	468	416	364	327	297	270	243	220	195	174	153
30°	589	504	431	371	333	300	270	243	217	194	173
27.5°	778	621	521	431	370	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°	2403	1597	1110	811	618	489	411	353	309	273	242
17.5°	3701	2502	1477	1054	779	595	472	393	339	295	260
15°	5197	3522	2203	1406	962	682	527	432	370	320	278
12.5°	6711	4575	2831	1693	1116	780	592	479	401	341	293
10°	7910	5517	3487	2107	1313	880	649	513	423	357	306
7.5°	9144	6289	4040	2417	1477	963	693	541	441	371	317
5°	10044	6916	4510	2660	1605	1028	726	563	455	382	327
2.5°	10660	7345	4827	2809	1691	1073	753	580	468	390	333
0°	10945	7548	4975	2915	1738	1101	774	591	479	394	337
-2.5°	10879	7535	4885	2878	1741	1116	781	594	483	400	340
-5°	10443	7265	4726	2802	1697	1108	783	596	483	402	342
-7.5°	9835	6788	4369	2614	1608	1079	778	595	482	404	343
-10°	8888	6043	3877	2360	1487	1027	757	585	477	401	343
-12.5°	7719	5200	3297	1978	1321	950	719	567	468	396	340
-15°	6355	4315	2761	1747	1185	870	673	542	456	387	335
-17.5°	5008	3376	2120	1438	1046	801	639	525	443	378	330
-20°	3681	2454	1710	1215	910	719	595	502	428	371	325

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Scaled Data Report



REPORT NUMBER: P627024 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-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	1853	1330	997	805	662	556	475	409	361	319
-25°	1839	1377	1066	867	712	599	519	453	396	350	310
-27.5°	1351	1068	897	746	632	555	488	429	381	339	302
-30°	1041	889	759	649	575	512	458	410	365	326	293
-32.5°	845	750	653	584	525	475	430	388	348	315	283
-35°	718	647	583	531	484	443	403	367	333	302	271
-37.5°	628	572	528	485	448	413	379	348	318	287	259
-40°	561	517	481	448	417	387	359	331	302	272	247
-42.5°	510	476	443	415	389	366	341	315	287	259	236
-45°	469	440	411	388	366	345	324	299	273	248	225
-47.5°	432	409	386	363	344	324	305	283	260	237	213
-50°	400	380	360	340	324	306	287	268	245	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	205	194	181	166	154	143	131	116
-67.5°	205	196	186	175	164	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



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REPORT NUMBER: P627024 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-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°	58	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	178	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°	253	217	182	152	124	97	73	52	35	20	12
10°	265	227	191	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	117	88	64	46	26	17
0°	291	252	215	182	152	121	91	67	48	27	18
-2.5°	295	255	219	186	155	125	94	69	50	30	19
-5°	296	257	222	189	158	128	96	70	52	32	19
-7.5°	298	259	225	191	160	131	98	71	53	34	19
-10°	298	260	226	192	161	132	99	72	54	36	19
-12.5°	297	261	227	193	162	132	101	74	54	37	19
-15°	295	261	227	193	162	133	102	75	55	37	19
-17.5°	291	259	225	191	161	132	102	76	56	37	20
-20°	288	256	222	188	160	131	102	76	55	36	21

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REPORT NUMBER: P627024 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-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	213	183	156	129	100	73	54	35	22
-27.5°	270	239	208	180	153	126	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	76	59	44	33	24	16
-55°	158	138	119	102	86	69	53	41	31	22	14
-57.5°	144	124	109	93	77	62	48	37	28	20	13
-60°	129	113	99	83	68	55	43	34	25	18	12
-62.5°	116	102	87	72	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: P627024 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-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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REPORT NUMBER: P627024 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-730-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)