

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: P627154 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-735-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627154 (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-735-U-MR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (48) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

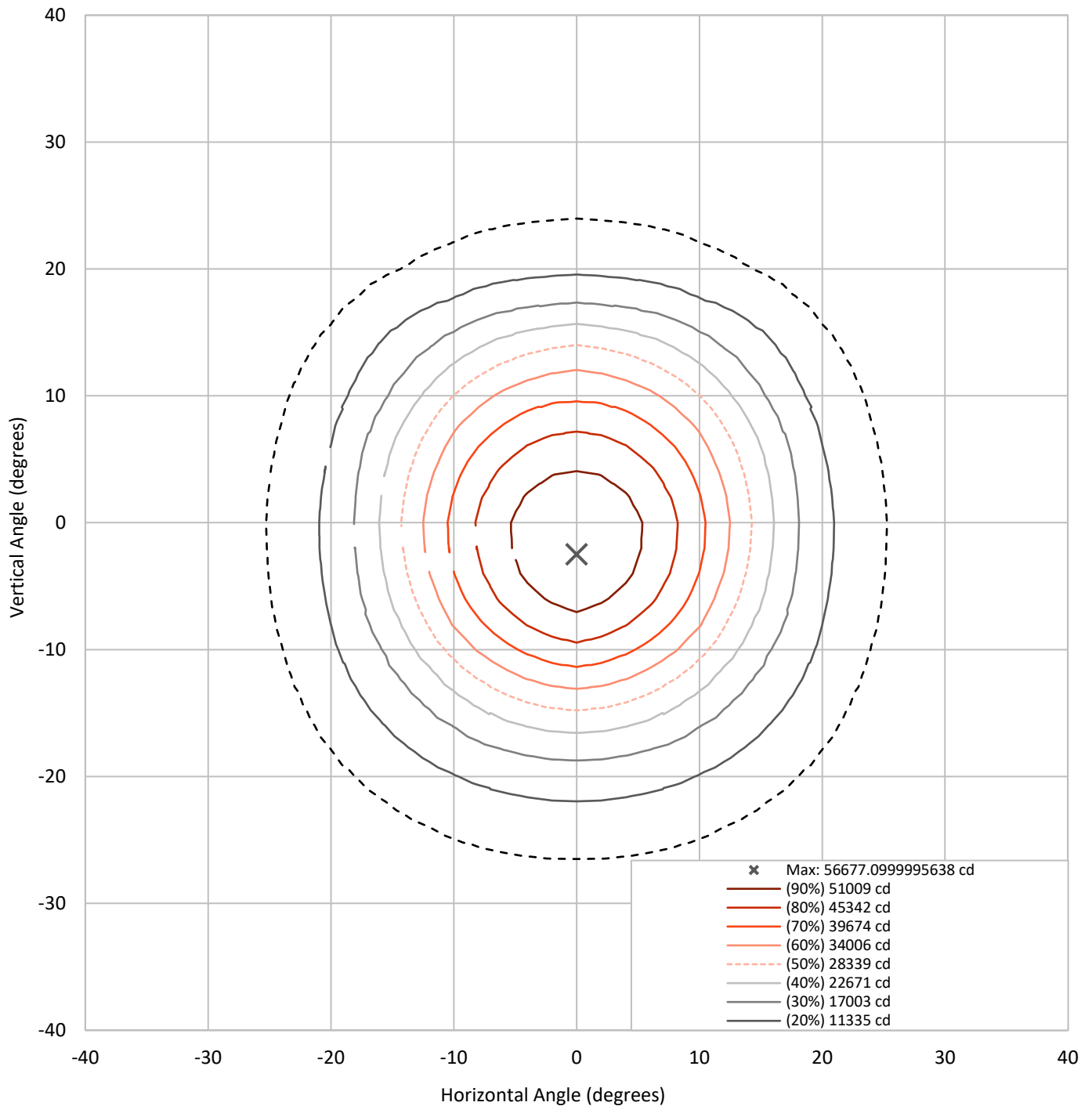
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	16074.9 lumens	Max Intensity:	56677.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	132.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	8037.6 lumens	Field Lumens:	13811.3 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





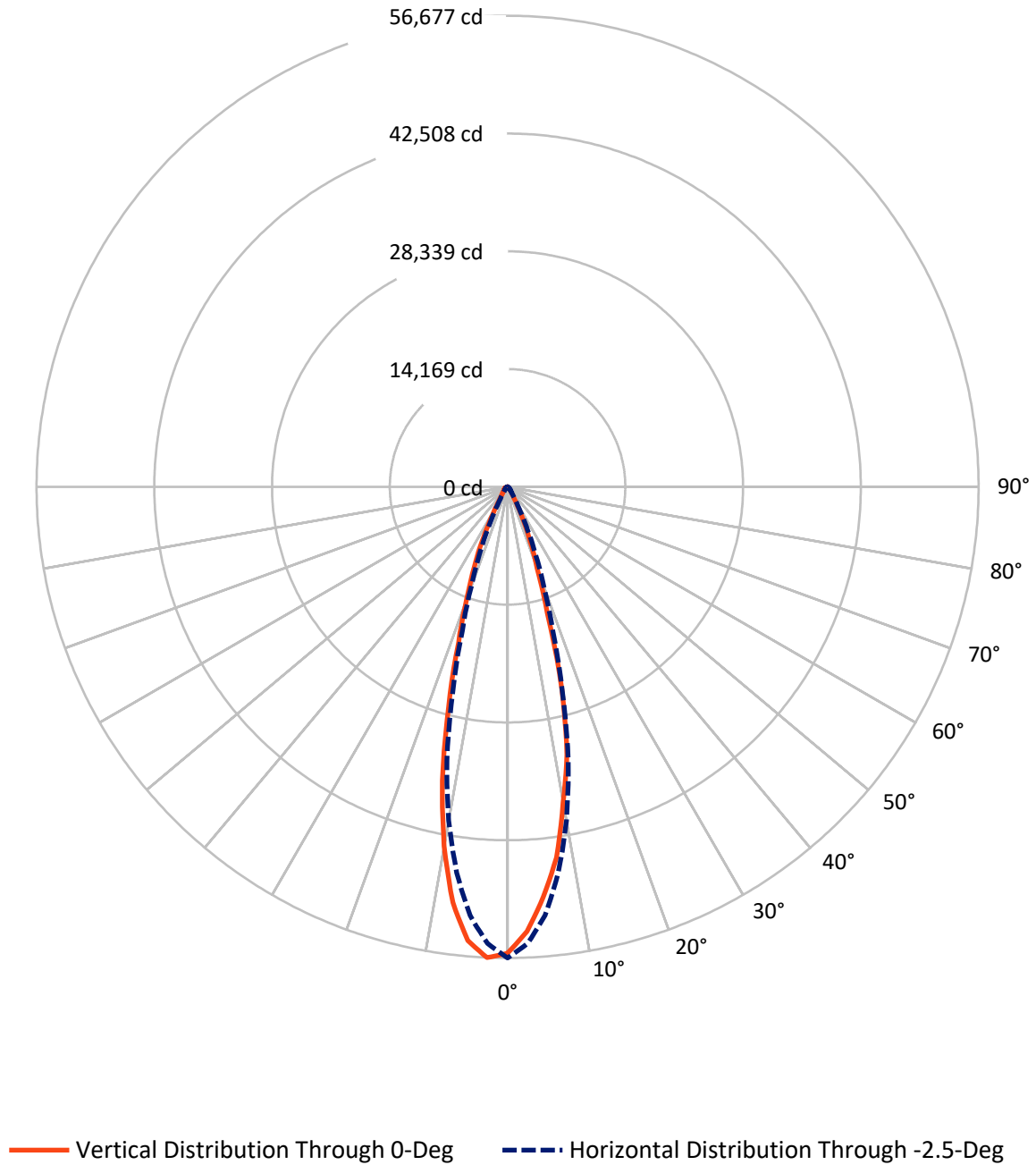
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### Lumen Table

90																			
80	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	0.0			
50		0.0	0.1	0.5	1.1	1.8	2.5	3.0	3.0	2.5	1.8	1.1	0.5	0.1	0.0				
40	0.0	0.1	0.5	1.7	3.4	5.2	7.3	8.6	8.6	7.3	5.2	3.4	1.7	0.5	0.1	0.0			
30		0.2	1.4	3.4	6.3	10.4	17.3	23.1	23.1	17.3	10.4	6.3	3.4	1.4	0.2				
20	0.1	0.5	2.2	5.2	10.0	24.3	76.3	139.9	139.9	76.3	24.3	10.0	5.2	2.2	0.5	0.1			
10		0.8	3.0	7.1	17.1	83.7	340.4	666.6	666.6	340.4	83.7	17.1	7.1	3.0	0.8				
0	0.2	1.0	3.6	8.5	24.5	159.6	687.4	1347.3	1347.3	687.4	159.6	24.5	8.5	3.6	1.0	0.2			
-10		1.2	3.9	9.0	26.2	167.2	705.3	1428.6	1428.6	705.3	167.2	26.2	9.0	3.9	1.2				
-20	0.3	1.2	4.0	8.7	21.6	102.7	390.0	756.0	756.0	390.0	102.7	21.6	8.7	4.0	1.2	0.3			
-30		1.2	3.8	8.0	15.8	39.9	120.8	215.5	215.5	120.8	39.9	15.8	8.0	3.8	1.2				
-40	0.3	1.1	3.4	6.9	12.0	19.7	32.1	43.0	43.0	32.1	19.7	12.0	6.9	3.4	1.1	0.3			
-50		0.9	2.8	5.7	9.5	13.6	17.9	20.0	20.0	17.9	13.6	9.5	5.7	2.8	0.9				
-60	0.2	0.7	2.1	4.5	7.4	10.3	12.9	14.0	14.0	12.9	10.3	7.4	4.5	2.1	0.7	0.2			
-70		0.4	1.3	2.9	4.9	7.0	8.8	9.7	9.7	8.8	7.0	4.9	2.9	1.3	0.4				
-80	0.1	1.0		4.8		10.3		13.0		10.3		4.8		1.0		0.1			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

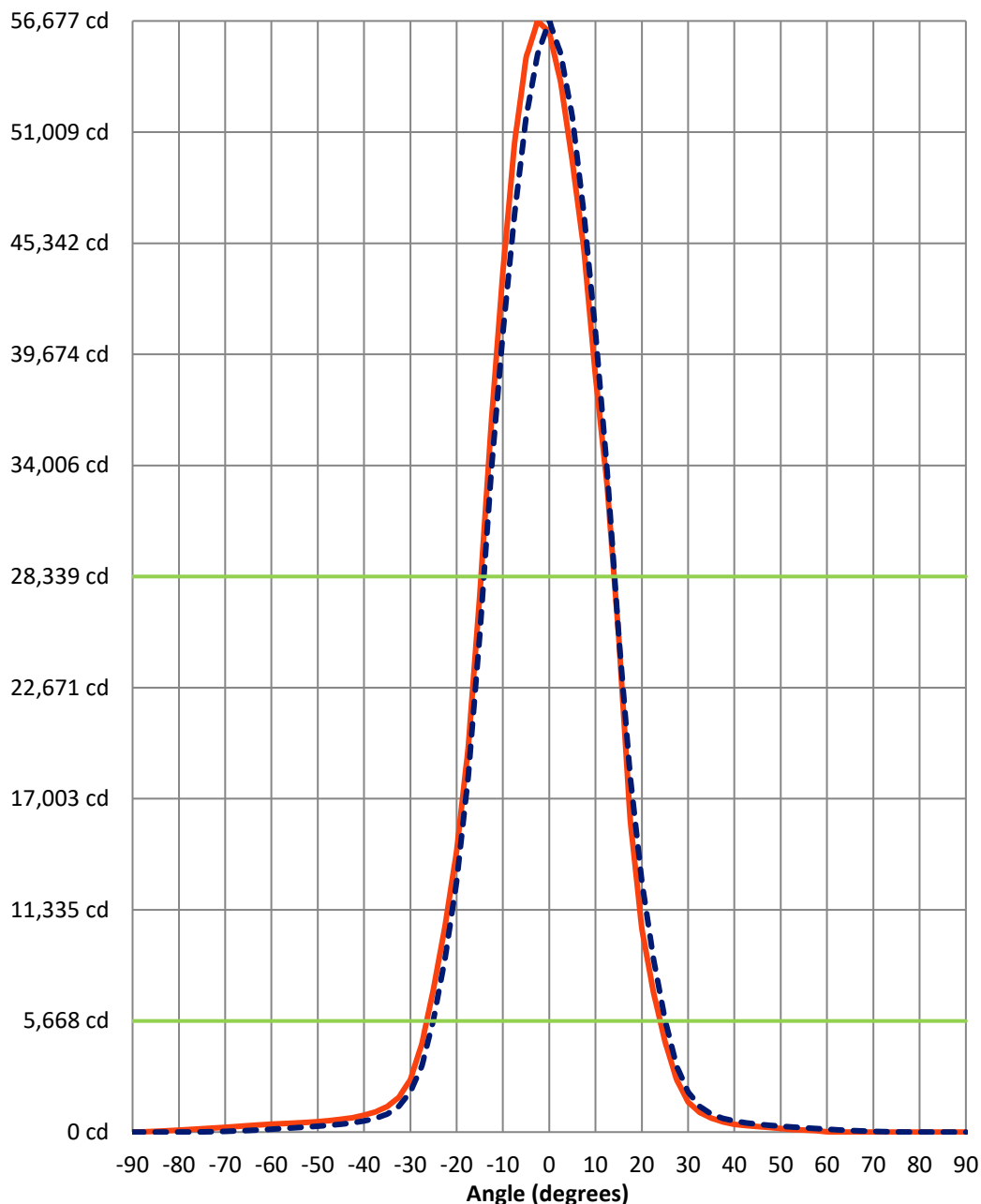
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 8037.6  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 13811.3  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 2263.6  
 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	2	1
55°	0	0	0	0	0	0	0	0	2	2	1
52.5°	0	0	0	0	0	0	1	1	3	2	2
50°	0	0	0	0	0	0	1	2	3	3	2
47.5°	0	0	0	0	0	1	1	3	4	3	3
45°	0	0	0	0	0	1	2	3	4	3	4
42.5°	0	0	0	0	0	2	2	4	4	3	6
40°	0	0	0	0	0	2	3	4	4	4	9
37.5°	0	0	0	0	1	3	3	4	4	5	12
35°	0	0	0	0	1	3	3	4	5	9	15
32.5°	0	0	0	0	1	3	4	4	7	12	19
30°	0	0	0	0	2	3	4	4	8	15	24
27.5°	0	0	0	0	2	3	4	5	10	18	28
25°	0	0	0	0	2	4	4	6	13	22	33
22.5°	0	0	0	0	2	4	4	8	15	26	40
20°	0	0	0	0	3	4	4	9	17	30	46
17.5°	0	0	0	0	3	4	4	10	20	34	51
15°	0	0	0	0	3	4	4	12	22	37	56
12.5°	0	0	0	0	3	4	5	14	24	41	61
10°	0	0	0	0	3	4	5	16	26	45	65
7.5°	0	0	0	0	3	4	6	17	27	49	69
5°	0	0	0	0	4	4	6	19	29	52	73
2.5°	0	0	0	0	4	4	7	20	31	55	76
0°	0	0	0	0	4	4	7	21	32	57	78
-2.5°	0	0	0	0	4	4	9	22	35	59	81
-5°	0	0	0	0	4	4	10	22	38	61	83
-7.5°	0	0	0	1	4	5	11	22	41	62	84
-10°	0	0	0	1	3	5	12	23	42	63	85
-12.5°	0	0	0	1	3	5	13	23	44	64	87
-15°	0	0	0	1	3	6	14	23	44	65	89
-17.5°	0	0	0	1	3	6	14	24	43	65	89
-20°	0	0	0	2	3	6	14	25	43	65	89

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CATALOG NUMBER: GFLD-SA3C-735-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	2	3	6	15	26	42	64	88
-25°	0	0	0	2	3	6	15	26	41	63	86
-27.5°	0	0	0	2	3	7	15	27	39	61	84
-30°	0	0	0	2	4	7	15	27	39	59	81
-32.5°	0	0	0	2	4	7	14	26	39	57	78
-35°	0	0	0	1	4	7	14	26	38	55	74
-37.5°	0	0	0	1	5	7	15	25	38	52	72
-40°	0	0	0	1	5	8	14	24	36	51	70
-42.5°	0	0	0	1	5	8	14	23	35	49	68
-45°	0	0	0	1	4	8	13	22	34	47	64
-47.5°	0	0	0	0	4	8	13	22	32	44	61
-50°	0	0	0	1	4	8	12	20	30	42	57
-52.5°	0	0	0	1	4	7	12	19	28	39	52
-55°	0	0	0	1	3	7	11	17	26	36	48
-57.5°	0	0	0	1	3	6	10	16	23	33	44
-60°	0	0	0	1	3	6	9	14	21	30	39
-62.5°	0	0	0	1	3	5	9	13	19	26	35
-65°	0	0	0	1	2	5	8	11	17	23	31
-67.5°	0	0	0	1	2	4	7	10	15	20	27
-70°	0	0	0	1	2	4	7	9	13	17	23
-72.5°	0	0	0	1	2	4	6	8	11	15	20
-75°	0	0	0	1	2	3	5	7	9	12	16
-77.5°	0	0	0	1	1	3	4	6	7	9	12
-80°	0	0	0	0	1	2	4	4	5	7	8
-82.5°	0	0	0	0	1	2	3	3	4	4	5
-85°	0	0	0	0	1	1	2	2	2	3	3
-87.5°	0	0	0	0	0	1	1	1	1	1	2
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA3C-735-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	1	1	0	1	1
60°	0	0	1	1	1	2	2	3	3	3	7
57.5°	0	1	2	2	3	4	6	7	11	16	20
55°	1	2	3	3	5	8	11	18	24	31	38
52.5°	2	4	3	6	10	15	23	31	41	48	54
50°	3	4	5	11	18	26	37	49	57	64	74
47.5°	5	5	11	18	27	40	54	64	72	85	99
45°	7	10	17	27	39	56	69	78	92	107	122
42.5°	9	16	25	36	55	71	83	97	112	129	145
40°	14	21	34	50	70	85	101	116	131	151	169
37.5°	18	29	44	64	84	101	119	136	155	176	196
35°	23	38	55	76	97	118	137	157	180	203	226
32.5°	29	46	66	88	110	133	155	180	205	230	258
30°	37	55	76	100	123	148	175	203	228	256	286
27.5°	45	63	86	111	135	161	194	223	250	280	313
25°	52	72	96	121	147	178	213	242	270	304	343
22.5°	59	81	107	130	159	194	230	263	295	328	374
20°	66	90	117	142	171	210	248	284	321	363	415
17.5°	73	99	127	155	187	226	265	306	347	399	463
15°	79	107	137	167	201	241	283	327	376	435	509
12.5°	85	114	146	178	214	255	298	345	401	472	563
10°	91	121	155	189	225	267	312	360	420	497	604
7.5°	96	127	163	198	235	278	323	373	437	518	636
5°	100	133	169	204	243	287	332	384	450	535	663
2.5°	104	138	174	210	249	292	338	391	458	551	683
0°	107	143	178	214	253	296	343	396	464	564	696
-2.5°	110	147	182	219	258	300	347	400	470	568	699
-5°	113	151	186	222	262	302	349	402	473	568	701
-7.5°	115	154	188	224	264	305	350	404	475	567	700
-10°	116	155	190	226	266	306	351	403	472	561	689
-12.5°	118	156	191	227	267	307	349	400	466	550	666
-15°	120	156	191	227	267	306	346	394	455	536	637
-17.5°	120	155	190	225	265	305	342	388	445	521	618
-20°	120	155	188	222	261	301	339	383	436	503	590

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CATALOG NUMBER: GFLD-SA3C-735-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°	119	153	186	218	257	296	334	375	425	481	559
-25°	118	152	183	215	251	289	327	365	412	466	532
-27.5°	115	149	180	212	245	281	318	356	399	448	505
-30°	110	144	176	207	240	273	308	345	384	430	482
-32.5°	105	139	170	201	233	266	297	333	370	410	457
-35°	101	133	164	193	226	257	286	318	355	392	432
-37.5°	97	126	157	185	216	247	275	304	337	374	410
-40°	94	120	149	177	205	236	264	290	320	355	389
-42.5°	89	115	142	169	196	223	252	277	305	337	370
-45°	86	109	134	161	187	212	238	265	292	321	351
-47.5°	81	103	128	151	177	202	225	251	279	305	333
-50°	76	97	119	141	165	191	215	237	262	289	315
-52.5°	70	90	110	131	153	177	201	224	246	269	294
-55°	63	82	101	120	140	162	185	209	231	252	274
-57.5°	57	73	91	110	128	146	169	191	213	234	256
-60°	51	64	80	98	116	133	152	173	194	214	234
-62.5°	45	57	70	85	102	120	137	155	174	191	208
-65°	40	49	61	74	88	103	120	137	154	168	181
-67.5°	34	42	52	62	75	87	100	115	131	144	156
-70°	29	35	43	52	61	72	84	96	107	119	131
-72.5°	25	30	35	41	50	59	69	78	88	98	108
-75°	20	24	29	34	40	47	55	64	72	80	88
-77.5°	15	19	23	26	31	37	43	49	56	63	69
-80°	11	14	17	21	24	27	31	36	40	46	51
-82.5°	7	10	12	15	17	19	21	23	27	31	34
-85°	4	5	7	9	10	11	12	13	15	17	20
-87.5°	2	3	3	4	4	5	5	5	6	7	8
-90°	0	0	0	0	0	0	0	0	0	0	0



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	1	1	1	0	0	0
62.5°	1	2	3	4	4	4	5	5	5	5	5
60°	9	9	13	16	16	12	18	20	19	17	16
57.5°	25	31	36	37	42	50	52	51	52	54	61
55°	44	49	52	59	67	73	79	82	87	91	97
52.5°	60	68	74	81	91	96	99	109	118	124	129
50°	85	93	103	113	122	130	138	148	159	172	179
47.5°	111	122	135	149	159	168	177	190	206	221	230
45°	136	149	164	178	190	201	215	232	248	263	274
42.5°	158	173	189	205	215	233	252	269	290	308	322
40°	184	198	221	238	252	271	299	324	348	371	385
37.5°	215	238	263	283	302	326	365	404	434	465	486
35°	251	280	311	333	361	405	454	507	560	603	641
32.5°	286	318	349	384	428	490	551	636	715	795	871
30°	318	353	392	436	507	593	693	823	964	1105	1265
27.5°	351	390	436	507	613	731	915	1120	1412	1647	2026
25°	387	431	493	607	754	961	1282	1648	2252	2768	3350
22.5°	430	498	587	729	974	1347	1847	2643	3571	4433	5255
20°	484	575	727	954	1305	1879	2827	4035	5325	6586	7806
17.5°	555	700	917	1240	1738	2944	4354	6080	8289	9949	11523
15°	620	803	1131	1654	2591	4143	6114	8757	11732	14233	17062
12.5°	696	918	1313	1992	3331	5382	7894	11046	14567	18364	22796
10°	763	1035	1544	2478	4103	6490	9305	13005	17527	22899	28501
7.5°	815	1133	1737	2843	4752	7399	10756	15257	20984	27263	33651
5°	855	1209	1889	3129	5305	8136	11816	17038	23566	30773	37125
2.5°	886	1263	1989	3305	5679	8640	12540	17985	25146	33065	39734
0°	910	1295	2045	3429	5853	8879	12876	18368	25887	34187	41046
-2.5°	918	1313	2047	3386	5747	8864	12797	18133	25376	33742	40768
-5°	922	1304	1996	3296	5560	8546	12285	17242	23816	31663	38783
-7.5°	915	1269	1891	3075	5139	7985	11569	15921	21309	28228	35587
-10°	890	1208	1749	2776	4560	7109	10455	14132	18436	24084	30048
-12.5°	845	1117	1554	2327	3879	6118	9081	12331	15686	19398	24303
-15°	792	1024	1394	2055	3248	5076	7476	10221	13005	15847	18840
-17.5°	752	943	1230	1692	2494	3972	5891	8097	10356	12613	14628
-20°	700	846	1071	1429	2012	2887	4330	6046	7734	9575	11119

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627154 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-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°	654	778	946	1172	1564	2180	3003	4211	5494	6830	8099
-25°	611	705	838	1020	1254	1620	2163	2795	3695	4517	5459
-27.5°	574	653	744	878	1055	1256	1589	1958	2430	2822	3451
-30°	539	602	677	763	893	1046	1225	1448	1679	1911	2212
-32.5°	506	559	618	687	768	882	994	1137	1263	1402	1546
-35°	474	521	569	624	686	762	845	940	1024	1108	1183
-37.5°	446	485	528	571	621	673	739	806	862	917	963
-40°	423	455	490	527	566	609	660	709	747	783	812
-42.5°	401	430	457	488	521	560	600	638	664	688	708
-45°	381	406	431	456	483	517	551	581	601	620	634
-47.5°	359	382	404	428	454	481	508	530	548	564	575
-50°	338	360	381	400	423	447	471	489	505	519	527
-52.5°	317	338	359	379	398	417	435	453	469	483	489
-55°	297	318	336	355	373	391	408	423	438	451	456
-57.5°	277	298	318	333	348	364	381	396	410	422	427
-60°	254	276	293	308	323	338	352	365	379	391	397
-62.5°	228	247	263	277	291	304	316	329	341	351	357
-65°	196	212	228	242	254	266	278	289	299	307	312
-67.5°	168	180	193	206	219	230	241	251	260	267	271
-70°	142	153	164	176	187	197	207	215	224	230	234
-72.5°	118	128	138	148	158	167	175	182	190	195	199
-75°	96	104	113	121	130	137	144	150	156	160	164
-77.5°	76	82	89	95	102	108	113	118	123	126	129
-80°	56	61	66	71	76	80	84	88	92	95	98
-82.5°	38	42	46	50	53	56	58	60	62	64	67
-85°	22	24	27	29	32	33	35	36	38	39	40
-87.5°	9	10	11	12	13	13	13	14	14	15	16
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627154 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-735-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	4	4	4	4	4	4	5	5	5	5
60°	16	14	14	14	14	14	16	16	17	19	20
57.5°	67	71	74	75	74	71	67	61	54	52	51
55°	101	105	105	104	105	105	101	97	91	87	82
52.5°	131	131	130	129	130	131	131	129	124	118	109
50°	181	181	181	182	181	181	181	179	172	159	148
47.5°	233	236	237	236	237	236	233	230	221	206	190
45°	279	282	283	282	283	282	279	274	263	248	232
42.5°	328	330	331	332	331	330	328	322	308	290	269
40°	392	394	394	393	394	394	392	385	371	348	324
37.5°	501	508	512	521	512	508	501	486	465	434	404
35°	670	689	698	714	698	689	670	641	603	560	507
32.5°	926	963	983	1003	983	963	926	871	795	715	636
30°	1376	1450	1480	1535	1480	1450	1376	1265	1105	964	823
27.5°	2304	2478	2547	2691	2547	2478	2304	2026	1647	1412	1120
25°	3881	4257	4464	4629	4464	4257	3881	3350	2768	2252	1648
22.5°	6084	6636	6930	7148	6930	6636	6084	5255	4433	3571	2643
20°	8911	9639	10073	10388	10073	9639	8911	7806	6586	5325	4035
17.5°	13543	14687	15356	15930	15356	14687	13543	11523	9949	8289	6080
15°	20219	22517	24303	25298	24303	22517	20219	17062	14233	11732	8757
12.5°	26713	30079	32079	32999	32079	30079	26713	22796	18364	14567	11046
10°	33135	36310	38212	38548	38212	36310	33135	28501	22899	17527	13005
7.5°	38052	41543	44071	44990	44071	41543	38052	33651	27263	20984	15257
5°	42395	46482	49158	49497	49158	46482	42395	37125	30773	23566	17038
2.5°	45589	50032	52627	53519	52627	50032	45589	39734	33065	25146	17985
0°	47134	51920	54807	56106	54807	51920	47134	41046	34187	25887	18368
-2.5°	46809	51759	54982	56677	54982	51759	46809	40768	33742	25376	18133
-5°	45030	49994	52998	54800	52998	49994	45030	38783	31663	23816	17242
-7.5°	40925	45567	48766	50428	48766	45567	40925	35587	28228	21309	15921
-10°	35637	39565	42481	43898	42481	39565	35637	30048	24084	18436	14132
-12.5°	28764	32575	35205	36207	35205	32575	28764	24303	19398	15686	12331
-15°	22039	24947	26816	27407	26816	24947	22039	18840	15847	13005	10221
-17.5°	16713	18279	19330	19613	19330	18279	16713	14628	12613	10356	8097
-20°	12521	13492	14174	14335	14174	13492	12521	11119	9575	7734	6046

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REPORT NUMBER: P627154 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-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°	9123	9853	10403	10513	10403	9853	9123	8099	6830	5494	4211
-25°	6293	6903	7277	7305	7277	6903	6293	5459	4517	3695	2795
-27.5°	3945	4280	4453	4514	4453	4280	3945	3451	2822	2430	1958
-30°	2438	2593	2674	2677	2674	2593	2438	2212	1911	1679	1448
-32.5°	1655	1730	1770	1770	1770	1730	1655	1546	1402	1263	1137
-35°	1240	1278	1300	1303	1300	1278	1240	1183	1108	1024	940
-37.5°	997	1018	1029	1031	1029	1018	997	963	917	862	806
-40°	834	848	858	864	858	848	834	812	783	747	709
-42.5°	721	731	735	732	735	731	721	708	688	664	638
-45°	642	648	652	653	652	648	642	634	620	601	581
-47.5°	580	583	584	585	584	583	580	575	564	548	530
-50°	530	533	533	532	533	533	530	527	519	505	489
-52.5°	491	491	492	493	492	491	491	489	483	469	453
-55°	458	459	460	460	460	459	458	456	451	438	423
-57.5°	430	433	434	432	434	433	430	427	422	410	396
-60°	401	405	406	407	406	405	401	397	391	379	365
-62.5°	362	365	367	368	367	365	362	357	351	341	329
-65°	316	319	324	328	324	319	316	312	307	299	289
-67.5°	274	277	281	285	281	277	274	271	267	260	251
-70°	238	241	242	243	242	241	238	234	230	224	215
-72.5°	203	206	207	207	207	206	203	199	195	190	182
-75°	167	170	171	171	171	170	167	164	160	156	150
-77.5°	132	135	135	136	135	135	132	129	126	123	118
-80°	101	103	102	100	102	103	101	98	95	92	88
-82.5°	69	71	70	68	70	71	69	67	64	62	60
-85°	41	43	41	39	41	43	41	40	39	38	36
-87.5°	17	18	16	14	16	18	17	16	15	14	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627154 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-735-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°	5	4	4	4	3	2	1	1	1	0	1
60°	18	12	16	16	13	9	9	7	3	3	3
57.5°	52	50	42	37	36	31	25	20	16	11	7
55°	79	73	67	59	52	49	44	38	31	24	18
52.5°	99	96	91	81	74	68	60	54	48	41	31
50°	138	130	122	113	103	93	85	74	64	57	49
47.5°	177	168	159	149	135	122	111	99	85	72	64
45°	215	201	190	178	164	149	136	122	107	92	78
42.5°	252	233	215	205	189	173	158	145	129	112	97
40°	299	271	252	238	221	198	184	169	151	131	116
37.5°	365	326	302	283	263	238	215	196	176	155	136
35°	454	405	361	333	311	280	251	226	203	180	157
32.5°	551	490	428	384	349	318	286	258	230	205	180
30°	693	593	507	436	392	353	318	286	256	228	203
27.5°	915	731	613	507	436	390	351	313	280	250	223
25°	1282	961	754	607	493	431	387	343	304	270	242
22.5°	1847	1347	974	729	587	498	430	374	328	295	263
20°	2827	1879	1305	954	727	575	484	415	363	321	284
17.5°	4354	2944	1738	1240	917	700	555	463	399	347	306
15°	6114	4143	2591	1654	1131	803	620	509	435	376	327
12.5°	7894	5382	3331	1992	1313	918	696	563	472	401	345
10°	9305	6490	4103	2478	1544	1035	763	604	497	420	360
7.5°	10756	7399	4752	2843	1737	1133	815	636	518	437	373
5°	11816	8136	5305	3129	1889	1209	855	663	535	450	384
2.5°	12540	8640	5679	3305	1989	1263	886	683	551	458	391
0°	12876	8879	5853	3429	2045	1295	910	696	564	464	396
-2.5°	12797	8864	5747	3386	2047	1313	918	699	568	470	400
-5°	12285	8546	5560	3296	1996	1304	922	701	568	473	402
-7.5°	11569	7985	5139	3075	1891	1269	915	700	567	475	404
-10°	10455	7109	4560	2776	1749	1208	890	689	561	472	403
-12.5°	9081	6118	3879	2327	1554	1117	845	666	550	466	400
-15°	7476	5076	3248	2055	1394	1024	792	637	536	455	394
-17.5°	5891	3972	2494	1692	1230	943	752	618	521	445	388
-20°	4330	2887	2012	1429	1071	846	700	590	503	436	383

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REPORT NUMBER: P627154 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-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°	3003	2180	1564	1172	946	778	654	559	481	425	375
-25°	2163	1620	1254	1020	838	705	611	532	466	412	365
-27.5°	1589	1256	1055	878	744	653	574	505	448	399	356
-30°	1225	1046	893	763	677	602	539	482	430	384	345
-32.5°	994	882	768	687	618	559	506	457	410	370	333
-35°	845	762	686	624	569	521	474	432	392	355	318
-37.5°	739	673	621	571	528	485	446	410	374	337	304
-40°	660	609	566	527	490	455	423	389	355	320	290
-42.5°	600	560	521	488	457	430	401	370	337	305	277
-45°	551	517	483	456	431	406	381	351	321	292	265
-47.5°	508	481	454	428	404	382	359	333	305	279	251
-50°	471	447	423	400	381	360	338	315	289	262	237
-52.5°	435	417	398	379	359	338	317	294	269	246	224
-55°	408	391	373	355	336	318	297	274	252	231	209
-57.5°	381	364	348	333	318	298	277	256	234	213	191
-60°	352	338	323	308	293	276	254	234	214	194	173
-62.5°	316	304	291	277	263	247	228	208	191	174	155
-65°	278	266	254	242	228	212	196	181	168	154	137
-67.5°	241	230	219	206	193	180	168	156	144	131	115
-70°	207	197	187	176	164	153	142	131	119	107	96
-72.5°	175	167	158	148	138	128	118	108	98	88	78
-75°	144	137	130	121	113	104	96	88	80	72	64
-77.5°	113	108	102	95	89	82	76	69	63	56	49
-80°	84	80	76	71	66	61	56	51	46	40	36
-82.5°	58	56	53	50	46	42	38	34	31	27	23
-85°	35	33	32	29	27	24	22	20	17	15	13
-87.5°	13	13	13	12	11	10	9	8	7	6	5
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P627154 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-735-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°	1	0	0	0	0	0	0	0	0	0	0
60°	2	2	1	1	1	0	0	1	1	0	0
57.5°	6	4	3	2	2	1	0	1	2	1	0
55°	11	8	5	3	3	2	1	1	2	2	0
52.5°	23	15	10	6	3	4	2	2	2	3	1
50°	37	26	18	11	5	4	3	2	3	3	2
47.5°	54	40	27	18	11	5	5	3	3	4	3
45°	69	56	39	27	17	10	7	4	3	4	3
42.5°	83	71	55	36	25	16	9	6	3	4	4
40°	101	85	70	50	34	21	14	9	4	4	4
37.5°	119	101	84	64	44	29	18	12	5	4	4
35°	137	118	97	76	55	38	23	15	9	5	4
32.5°	155	133	110	88	66	46	29	19	12	7	4
30°	175	148	123	100	76	55	37	24	15	8	4
27.5°	194	161	135	111	86	63	45	28	18	10	5
25°	213	178	147	121	96	72	52	33	22	13	6
22.5°	230	194	159	130	107	81	59	40	26	15	8
20°	248	210	171	142	117	90	66	46	30	17	9
17.5°	265	226	187	155	127	99	73	51	34	20	10
15°	283	241	201	167	137	107	79	56	37	22	12
12.5°	298	255	214	178	146	114	85	61	41	24	14
10°	312	267	225	189	155	121	91	65	45	26	16
7.5°	323	278	235	198	163	127	96	69	49	27	17
5°	332	287	243	204	169	133	100	73	52	29	19
2.5°	338	292	249	210	174	138	104	76	55	31	20
0°	343	296	253	214	178	143	107	78	57	32	21
-2.5°	347	300	258	219	182	147	110	81	59	35	22
-5°	349	302	262	222	186	151	113	83	61	38	22
-7.5°	350	305	264	224	188	154	115	84	62	41	22
-10°	351	306	266	226	190	155	116	85	63	42	23
-12.5°	349	307	267	227	191	156	118	87	64	44	23
-15°	346	306	267	227	191	156	120	89	65	44	23
-17.5°	342	305	265	225	190	155	120	89	65	43	24
-20°	339	301	261	222	188	155	120	89	65	43	25

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REPORT NUMBER: P627154 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-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°	334	296	257	218	186	153	119	88	64	42	26
-25°	327	289	251	215	183	152	118	86	63	41	26
-27.5°	318	281	245	212	180	149	115	84	61	39	27
-30°	308	273	240	207	176	144	110	81	59	39	27
-32.5°	297	266	233	201	170	139	105	78	57	39	26
-35°	286	257	226	193	164	133	101	74	55	38	26
-37.5°	275	247	216	185	157	126	97	72	52	38	25
-40°	264	236	205	177	149	120	94	70	51	36	24
-42.5°	252	223	196	169	142	115	89	68	49	35	23
-45°	238	212	187	161	134	109	86	64	47	34	22
-47.5°	225	202	177	151	128	103	81	61	44	32	22
-50°	215	191	165	141	119	97	76	57	42	30	20
-52.5°	201	177	153	131	110	90	70	52	39	28	19
-55°	185	162	140	120	101	82	63	48	36	26	17
-57.5°	169	146	128	110	91	73	57	44	33	23	16
-60°	152	133	116	98	80	64	51	39	30	21	14
-62.5°	137	120	102	85	70	57	45	35	26	19	13
-65°	120	103	88	74	61	49	40	31	23	17	11
-67.5°	100	87	75	62	52	42	34	27	20	15	10
-70°	84	72	61	52	43	35	29	23	17	13	9
-72.5°	69	59	50	41	35	30	25	20	15	11	8
-75°	55	47	40	34	29	24	20	16	12	9	7
-77.5°	43	37	31	26	23	19	15	12	9	7	6
-80°	31	27	24	21	17	14	11	8	7	5	4
-82.5°	21	19	17	15	12	10	7	5	4	4	3
-85°	12	11	10	9	7	5	4	3	3	2	2
-87.5°	5	5	4	4	3	3	2	2	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: P627154 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-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	2	0	0	0	0	0
40°	3	2	0	0	0	0	0
37.5°	3	3	1	0	0	0	0
35°	3	3	1	0	0	0	0
32.5°	4	3	1	0	0	0	0
30°	4	3	2	0	0	0	0
27.5°	4	3	2	0	0	0	0
25°	4	4	2	0	0	0	0
22.5°	4	4	2	0	0	0	0
20°	4	4	3	0	0	0	0
17.5°	4	4	3	0	0	0	0
15°	4	4	3	0	0	0	0
12.5°	5	4	3	0	0	0	0
10°	5	4	3	0	0	0	0
7.5°	6	4	3	0	0	0	0
5°	6	4	4	0	0	0	0
2.5°	7	4	4	0	0	0	0
0°	7	4	4	0	0	0	0
-2.5°	9	4	4	0	0	0	0
-5°	10	4	4	0	0	0	0
-7.5°	11	5	4	1	0	0	0
-10°	12	5	3	1	0	0	0
-12.5°	13	5	3	1	0	0	0
-15°	14	6	3	1	0	0	0
-17.5°	14	6	3	1	0	0	0
-20°	14	6	3	2	0	0	0

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REPORT NUMBER: P627154 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)