

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: P627284 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627284 (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-SA3E-740-U-MR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

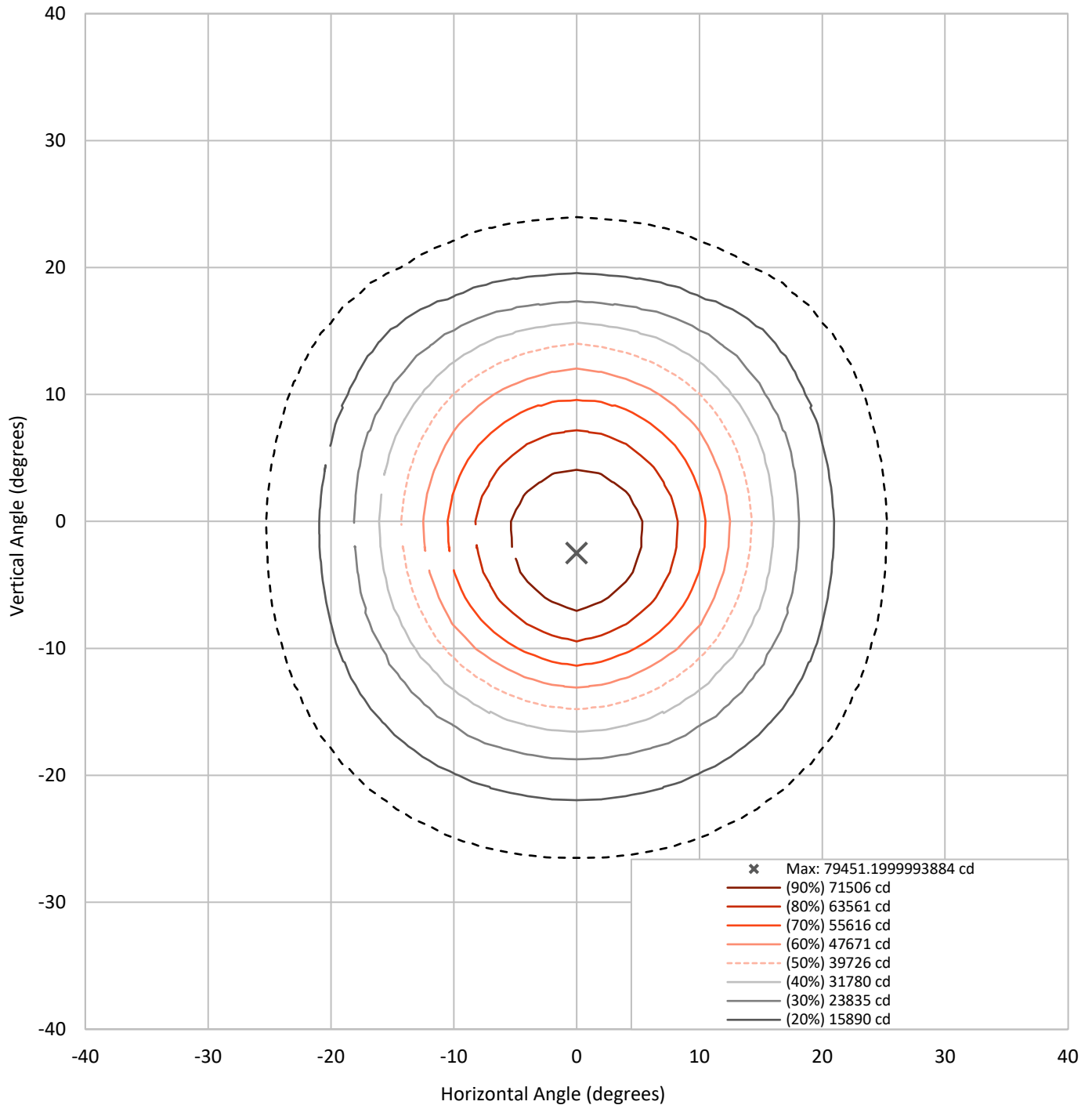
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	22534.1 lumens	Max Intensity:	79451.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	121.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	11267.3 lumens	Field Lumens:	19361 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	185.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627284 (CONVERTED FROM TYPE C PHOTOMETRY)

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Iso-Candela Plot





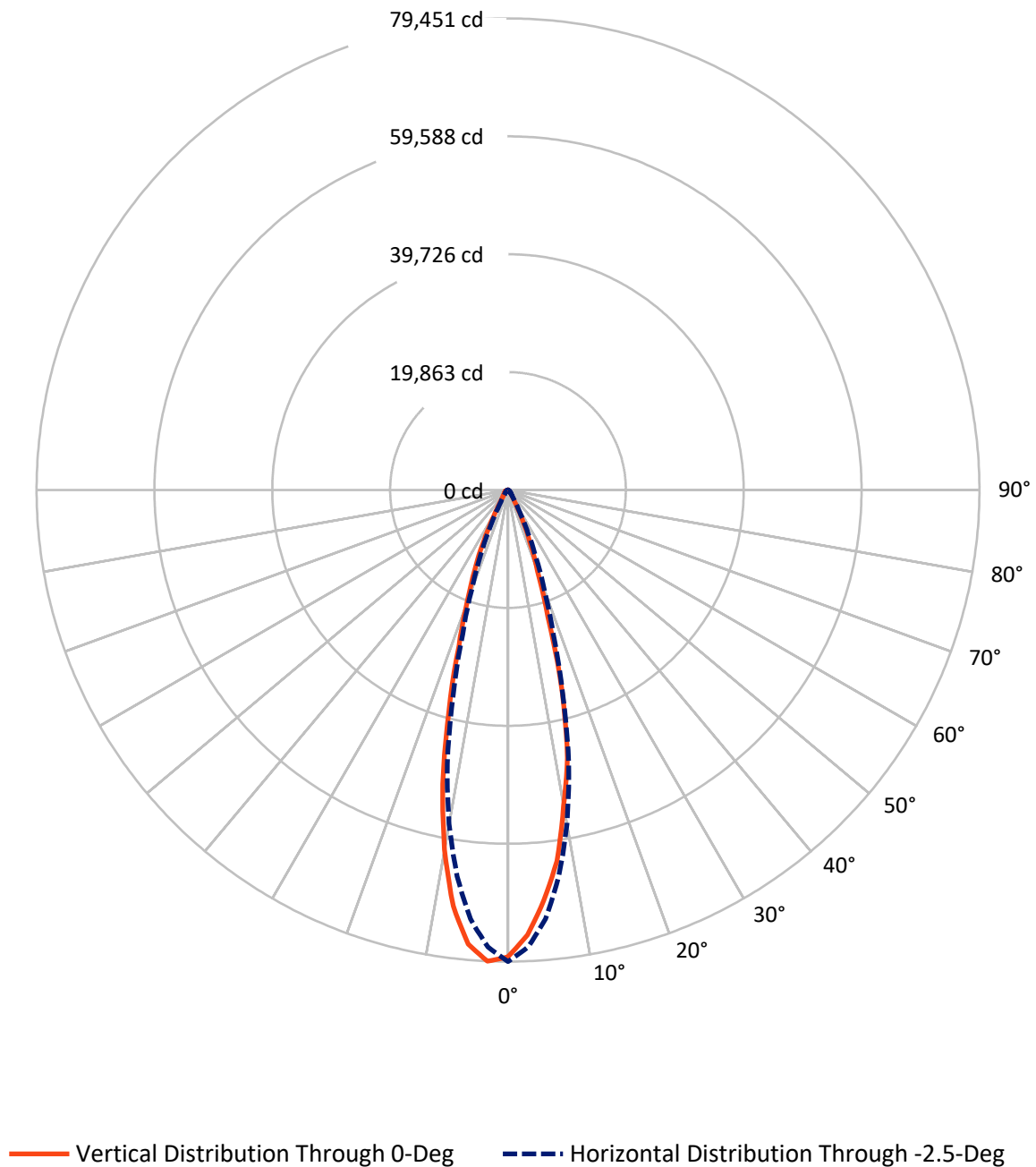
REPORT NUMBER: P627284 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0					
70	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	0.6	1.5	2.6	3.6	4.3	4.3	3.6	2.6	1.5	0.6	0.1	0.0				
50	0.1	0.1	0.8	2.5	4.7	7.3	10.2	12.0	12.0	10.2	7.3	4.7	2.5	0.8	0.1	0.1			
40		0.3	1.9	4.8	8.9	14.6	24.3	32.4	32.4	24.3	14.6	8.9	4.8	1.9	0.3				
30	0.2	0.7	3.0	7.4	14.0	34.0	106.9	196.1	196.1	106.9	34.0	14.0	7.4	3.0	0.7	0.2			
20		1.1	4.2	10.0	24.0	117.4	477.2	934.4	934.4	477.2	117.4	24.0	10.0	4.2	1.1				
10	0.3	1.4	5.1	11.9	34.4	223.7	963.6	1888.7	1888.7	963.6	223.7	34.4	11.9	5.1	1.4	0.3			
0		1.6	5.5	12.6	36.7	234.3	988.7	2002.7	2002.7	988.7	234.3	36.7	12.6	5.5	1.6				
-10	0.4	1.7	5.6	12.3	30.2	143.9	546.8	1059.8	1059.8	546.8	143.9	30.2	12.3	5.6	1.7	0.4			
-20		1.7	5.4	11.2	22.1	55.9	169.3	302.1	302.1	169.3	55.9	22.1	11.2	5.4	1.7				
-30	0.4	1.5	4.8	9.7	16.8	27.6	45.0	60.2	60.2	45.0	27.6	16.8	9.7	4.8	1.5	0.4			
-40		1.2	4.0	8.0	13.3	19.0	25.0	28.1	28.1	25.0	19.0	13.3	8.0	4.0	1.2				
-50	0.3	0.9	3.0	6.3	10.4	14.4	18.0	19.6	19.6	18.0	14.4	10.4	6.3	3.0	0.9	0.3			
-60		0.6	1.9	4.1	6.9	9.8	12.3	13.6	13.6	12.3	9.8	6.9	4.1	1.9	0.6				
-70	0.1	1.5		6.7		14.4		18.2		14.4		6.7		1.5		0.1			
-80		1.5		6.7		14.4		18.2		14.4		6.7		1.5					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

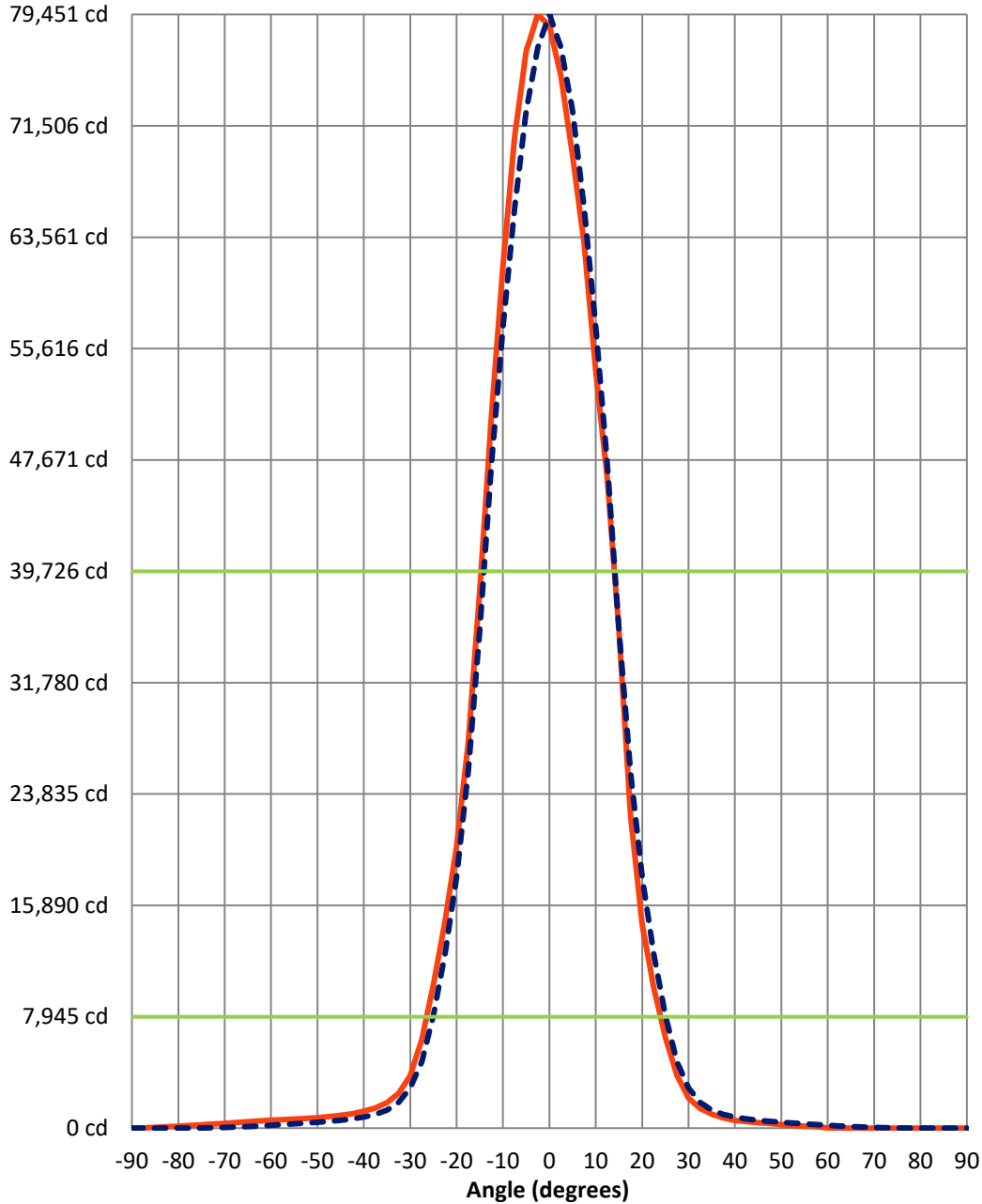
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 11267.3
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 19361
 Efficiency: 85.9%

Spill:
 Lumens: 3173.1
 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	1
60°	0	0	0	0	0	0	0	0	0	1	1
57.5°	0	0	0	0	0	0	0	0	1	2	2
55°	0	0	0	0	0	0	1	0	2	3	2
52.5°	0	0	0	0	0	0	1	1	4	3	2
50°	0	0	0	0	0	1	1	3	5	4	3
47.5°	0	0	0	0	0	1	2	4	5	4	4
45°	0	0	0	0	0	2	3	5	5	5	5
42.5°	0	0	0	0	0	2	3	5	5	5	8
40°	0	0	0	0	0	3	4	5	5	5	12
37.5°	0	0	0	0	1	3	4	5	6	7	16
35°	0	0	0	0	1	4	5	5	7	12	22
32.5°	0	0	0	0	2	4	5	5	9	17	27
30°	0	0	0	0	2	5	5	5	11	21	33
27.5°	0	0	0	0	3	5	5	7	14	25	40
25°	0	0	0	0	3	5	5	9	18	30	47
22.5°	0	0	0	0	3	5	5	11	21	36	56
20°	0	0	0	0	4	5	5	13	24	41	64
17.5°	0	0	0	0	4	5	5	15	27	47	72
15°	0	0	0	0	4	5	6	17	30	53	79
12.5°	0	0	0	0	5	5	6	19	33	58	85
10°	0	0	0	0	5	5	7	22	36	63	91
7.5°	0	0	0	0	5	5	8	24	38	68	97
5°	0	0	0	0	5	5	9	26	41	73	102
2.5°	0	0	0	0	5	5	9	28	43	77	106
0°	0	0	0	0	5	5	10	30	45	80	110
-2.5°	0	0	0	0	5	6	12	31	49	83	113
-5°	0	0	0	1	5	6	14	31	53	85	116
-7.5°	0	0	0	1	5	7	16	31	57	87	118
-10°	0	0	0	1	5	7	17	32	59	88	119
-12.5°	0	0	0	2	5	7	18	32	61	90	122
-15°	0	0	0	2	5	8	19	32	61	91	124
-17.5°	0	0	0	2	5	8	20	33	61	92	125
-20°	0	0	0	2	5	8	20	35	60	91	125

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CATALOG NUMBER: GFLD-SA3E-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	2	5	8	21	36	59	90	123
-25°	0	0	0	2	5	9	21	37	57	88	120
-27.5°	0	0	0	2	5	9	21	37	55	86	117
-30°	0	0	0	2	5	10	21	37	55	83	114
-32.5°	0	0	0	2	6	10	20	37	55	80	109
-35°	0	0	0	2	6	10	20	36	54	77	104
-37.5°	0	0	0	2	6	10	20	35	53	73	101
-40°	0	0	0	1	7	11	20	34	51	71	98
-42.5°	0	0	0	1	7	11	20	33	49	69	95
-45°	0	0	0	1	6	11	19	32	47	66	90
-47.5°	0	0	0	1	6	11	18	30	45	62	85
-50°	0	0	0	1	6	11	17	28	43	59	80
-52.5°	0	0	0	1	5	10	16	26	40	55	73
-55°	0	0	0	1	5	10	15	24	37	51	68
-57.5°	0	0	0	1	4	9	14	22	33	46	62
-60°	0	0	0	1	4	8	13	20	29	42	55
-62.5°	0	0	0	1	4	8	12	18	27	37	49
-65°	0	0	0	1	3	7	11	16	24	33	43
-67.5°	0	0	0	1	3	6	10	15	20	29	38
-70°	0	0	0	1	3	6	9	13	18	25	33
-72.5°	0	0	0	1	3	5	8	11	15	21	27
-75°	0	0	0	1	2	5	7	10	12	17	22
-77.5°	0	0	0	1	2	4	6	8	10	13	16
-80°	0	0	0	1	2	3	5	6	8	10	12
-82.5°	0	0	0	0	1	2	4	4	5	6	8
-85°	0	0	0	0	1	2	3	3	3	4	4
-87.5°	0	0	0	0	0	1	1	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA3E-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	1	1	0	1	2
60°	0	0	1	1	1	2	3	4	5	5	10
57.5°	1	1	2	3	4	6	8	9	16	23	28
55°	2	3	4	4	7	12	16	25	33	44	53
52.5°	3	5	5	8	15	22	32	44	57	67	75
50°	5	6	7	16	25	36	52	68	80	89	103
47.5°	7	8	15	26	38	56	76	90	101	119	139
45°	9	14	24	38	55	79	96	110	129	150	172
42.5°	13	22	36	50	77	99	117	136	156	180	203
40°	20	30	48	70	98	119	141	162	184	212	236
37.5°	26	41	61	89	117	142	166	190	217	246	275
35°	32	53	78	107	136	165	192	220	253	285	317
32.5°	40	65	93	124	155	187	217	253	287	322	362
30°	51	77	106	140	172	207	245	285	319	359	401
27.5°	62	89	121	155	189	226	273	313	350	392	439
25°	73	101	135	169	206	249	299	339	379	426	481
22.5°	83	113	150	182	223	272	323	369	414	460	524
20°	93	126	164	199	239	294	347	399	451	509	581
17.5°	102	138	178	217	262	316	372	429	487	559	649
15°	111	149	192	234	282	338	396	459	527	610	713
12.5°	120	160	205	250	300	357	418	483	562	662	790
10°	127	169	217	264	316	375	437	505	589	697	847
7.5°	134	178	229	277	329	390	453	523	612	727	892
5°	140	186	238	287	340	402	466	539	630	750	929
2.5°	146	194	245	294	349	410	474	549	643	772	957
0°	150	200	250	300	355	415	480	555	650	790	975
-2.5°	155	207	256	306	362	420	486	561	659	796	980
-5°	159	212	260	311	367	424	489	564	663	797	982
-7.5°	161	216	263	314	371	427	491	566	665	795	981
-10°	163	218	266	317	374	429	491	565	662	787	965
-12.5°	166	218	267	319	375	430	490	561	653	771	934
-15°	168	219	268	318	374	430	486	552	638	752	894
-17.5°	169	218	266	315	371	427	480	543	624	731	866
-20°	169	217	264	311	366	422	475	537	611	706	827

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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°	167	215	260	306	360	414	468	526	595	675	784
-25°	165	212	257	302	352	404	458	512	578	654	746
-27.5°	161	209	252	297	344	393	446	499	559	628	708
-30°	155	202	246	290	336	383	431	484	538	603	676
-32.5°	147	195	238	282	327	372	416	466	519	575	640
-35°	141	186	229	271	317	360	402	446	497	550	605
-37.5°	136	177	220	259	303	346	385	427	473	524	574
-40°	131	168	210	248	287	331	370	407	448	498	546
-42.5°	125	161	199	237	274	313	353	389	428	473	519
-45°	120	153	188	225	262	297	334	372	410	449	493
-47.5°	113	145	179	212	248	283	316	352	391	428	466
-50°	106	136	167	198	232	267	301	332	367	405	442
-52.5°	98	126	155	183	214	248	282	315	345	377	413
-55°	88	115	142	168	196	227	260	292	324	354	384
-57.5°	79	102	128	154	179	205	237	268	298	328	359
-60°	71	90	112	137	163	187	213	242	271	300	328
-62.5°	63	80	98	120	143	168	192	217	244	268	292
-65°	56	69	85	103	123	145	168	192	216	235	254
-67.5°	47	59	72	87	105	122	141	162	183	202	219
-70°	41	49	60	72	86	101	117	134	151	167	184
-72.5°	34	42	49	58	70	83	96	109	123	137	151
-75°	28	34	40	47	56	66	77	89	100	111	123
-77.5°	21	27	32	37	43	51	60	69	79	88	97
-80°	15	20	24	29	33	38	44	50	57	64	71
-82.5°	10	14	17	21	23	26	29	33	38	43	48
-85°	6	7	10	12	14	15	17	18	21	24	28
-87.5°	3	4	5	6	6	6	7	7	8	10	11
-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	4	5	6	6	7	7	7	7	7
60°	13	12	19	23	22	17	25	28	27	23	23
57.5°	35	44	50	52	59	70	73	72	73	76	85
55°	61	68	73	83	94	103	111	116	122	128	136
52.5°	84	95	103	114	127	135	139	153	165	174	180
50°	119	131	144	158	171	183	193	207	223	241	251
47.5°	156	172	189	209	223	235	248	267	289	310	322
45°	191	209	230	249	266	282	301	325	348	368	384
42.5°	222	242	264	287	301	326	354	378	406	432	452
40°	258	277	310	333	353	379	419	454	488	520	540
37.5°	301	334	369	397	424	457	512	566	608	651	681
35°	352	392	436	467	506	568	636	710	785	845	898
32.5°	401	445	490	539	600	687	773	892	1002	1115	1221
30°	445	495	549	612	710	831	971	1153	1351	1549	1774
27.5°	492	546	611	711	859	1025	1283	1570	1979	2309	2840
25°	542	604	691	851	1057	1347	1797	2310	3157	3881	4697
22.5°	603	698	822	1022	1365	1888	2588	3705	5006	6214	7366
20°	678	806	1019	1338	1830	2634	3962	5656	7465	9232	10942
17.5°	778	981	1285	1739	2436	4127	6103	8523	11620	13947	16153
15°	869	1125	1586	2319	3632	5808	8570	12276	16446	19952	23918
12.5°	976	1286	1841	2792	4669	7545	11066	15485	20420	25743	31955
10°	1070	1451	2165	3474	5751	9098	13044	18231	24570	32101	39953
7.5°	1142	1589	2435	3985	6662	10372	15079	21387	29416	38217	47172
5°	1198	1695	2648	4386	7437	11406	16564	23885	33036	43138	52043
2.5°	1242	1770	2788	4633	7961	12112	17579	25212	35251	46351	55701
0°	1276	1816	2866	4807	8204	12446	18049	25748	36289	47925	57540
-2.5°	1287	1840	2870	4747	8056	12426	17940	25420	35573	47300	57149
-5°	1292	1828	2798	4621	7794	11980	17221	24171	33386	44386	54368
-7.5°	1282	1779	2651	4311	7204	11194	16218	22318	29871	39570	49886
-10°	1248	1693	2452	3891	6393	9966	14656	19810	25844	33762	42122
-12.5°	1185	1566	2178	3262	5438	8576	12730	17286	21989	27192	34068
-15°	1110	1435	1954	2881	4553	7116	10480	14328	18231	22215	26410
-17.5°	1054	1322	1725	2371	3496	5568	8258	11350	14517	17681	20506
-20°	982	1186	1501	2004	2820	4047	6070	8476	10842	13422	15587

Classified

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

Scaled Data Report



REPORT NUMBER: P627284 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	917	1091	1327	1644	2193	3056	4210	5903	7701	9575	11353
-25°	857	988	1175	1429	1757	2271	3033	3918	5180	6333	7653
-27.5°	805	915	1042	1231	1479	1760	2228	2745	3406	3956	4837
-30°	756	844	949	1070	1252	1466	1717	2031	2354	2679	3101
-32.5°	710	784	866	964	1076	1237	1393	1594	1771	1966	2167
-35°	664	730	798	875	962	1068	1185	1318	1436	1553	1659
-37.5°	626	680	740	801	870	944	1036	1129	1209	1285	1351
-40°	593	638	687	738	794	853	925	994	1048	1097	1139
-42.5°	563	603	641	685	731	785	841	894	931	965	992
-45°	534	569	604	639	677	725	773	814	843	869	889
-47.5°	503	535	567	599	636	674	712	743	768	790	805
-50°	474	505	534	560	593	627	660	686	708	728	738
-52.5°	445	474	503	531	557	584	610	635	657	678	685
-55°	416	445	471	497	523	548	572	593	613	633	639
-57.5°	388	418	446	467	488	511	533	555	574	592	598
-60°	357	387	411	431	452	473	493	512	532	548	556
-62.5°	319	346	368	388	407	426	443	461	478	492	500
-65°	274	298	319	339	356	373	390	405	420	431	437
-67.5°	236	253	271	289	307	323	338	352	365	374	380
-70°	199	214	231	246	262	277	290	302	314	322	328
-72.5°	165	179	193	208	222	234	245	256	266	273	279
-75°	134	146	158	170	182	192	201	210	219	225	230
-77.5°	107	116	124	133	143	151	158	165	172	177	181
-80°	79	86	93	100	106	112	117	123	129	133	137
-82.5°	53	59	64	69	75	78	81	84	86	90	93
-85°	31	34	38	41	44	46	49	51	53	55	56
-87.5°	12	14	15	17	18	18	19	19	19	21	22
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627284 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	6	5	5	5	5	5	6	7	7	7	7
60°	22	20	20	20	20	20	22	23	23	27	28
57.5°	93	100	104	105	104	100	93	85	76	73	72
55°	142	147	147	145	147	147	142	136	128	122	116
52.5°	183	184	183	180	183	184	183	180	174	165	153
50°	254	254	254	255	254	254	254	251	241	223	207
47.5°	327	331	332	330	332	331	327	322	310	289	267
45°	391	396	397	395	397	396	391	384	368	348	325
42.5°	459	462	464	465	464	462	459	452	432	406	378
40°	549	553	552	550	552	553	549	540	520	488	454
37.5°	702	712	717	730	717	712	702	681	651	608	566
35°	940	965	979	1001	979	965	940	898	845	785	710
32.5°	1298	1350	1378	1406	1378	1350	1298	1221	1115	1002	892
30°	1929	2033	2074	2151	2074	2033	1929	1774	1549	1351	1153
27.5°	3230	3474	3571	3772	3571	3474	3230	2840	2309	1979	1570
25°	5440	5967	6258	6488	6258	5967	5440	4697	3881	3157	2310
22.5°	8529	9302	9715	10020	9715	9302	8529	7366	6214	5006	3705
20°	12492	13512	14121	14563	14121	13512	12492	10942	9232	7465	5656
17.5°	18985	20589	21526	22332	21526	20589	18985	16153	13947	11620	8523
15°	28343	31565	34069	35463	34069	31565	28343	23918	19952	16446	12276
12.5°	37447	42166	44969	46259	44969	42166	37447	31955	25743	20420	15485
10°	46450	50900	53567	54038	53567	50900	46450	39953	32101	24570	18231
7.5°	53342	58236	61780	63068	61780	58236	53342	47172	38217	29416	21387
5°	59430	65159	68910	69386	68910	65159	59430	52043	43138	33036	23885
2.5°	63908	70137	73774	75024	73774	70137	63908	55701	46351	35251	25212
0°	66074	72783	76830	78651	76830	72783	66074	57540	47925	36289	25748
-2.5°	65618	72557	77074	79451	77074	72557	65618	57149	47300	35573	25420
-5°	63124	70082	74294	76820	74294	70082	63124	54368	44386	33386	24171
-7.5°	57370	63878	68361	70692	68361	63878	57370	49886	39570	29871	22318
-10°	49956	55464	59551	61537	59551	55464	49956	42122	33762	25844	19810
-12.5°	40322	45665	49352	50756	49352	45665	40322	34068	27192	21989	17286
-15°	30894	34971	37591	38420	37591	34971	30894	26410	22215	18231	14328
-17.5°	23429	25624	27097	27494	27097	25624	23429	20506	17681	14517	11350
-20°	17552	18913	19869	20095	19869	18913	17552	15587	13422	10842	8476

Classified

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

Scaled Data Report



REPORT NUMBER: P627284 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	12789	13812	14584	14738	14584	13812	12789	11353	9575	7701	5903
-25°	8822	9677	10201	10240	10201	9677	8822	7653	6333	5180	3918
-27.5°	5531	6000	6243	6328	6243	6000	5531	4837	3956	3406	2745
-30°	3418	3634	3748	3752	3748	3634	3418	3101	2679	2354	2031
-32.5°	2320	2425	2482	2481	2482	2425	2320	2167	1966	1771	1594
-35°	1738	1792	1823	1826	1823	1792	1738	1659	1553	1436	1318
-37.5°	1398	1427	1443	1446	1443	1427	1398	1351	1285	1209	1129
-40°	1169	1189	1202	1211	1202	1189	1169	1139	1097	1048	994
-42.5°	1011	1024	1030	1026	1030	1024	1011	992	965	931	894
-45°	900	908	913	916	913	908	900	889	869	843	814
-47.5°	813	817	819	820	819	817	813	805	790	768	743
-50°	743	747	748	745	748	747	743	738	728	708	686
-52.5°	688	689	690	690	690	689	688	685	678	657	635
-55°	642	644	645	645	645	644	642	639	633	613	593
-57.5°	603	608	608	605	608	608	603	598	592	574	555
-60°	562	567	570	570	570	567	562	556	548	532	512
-62.5°	507	512	515	515	515	512	507	500	492	478	461
-65°	443	448	454	460	454	448	443	437	431	420	405
-67.5°	384	388	394	400	394	388	384	380	374	365	352
-70°	334	338	340	340	340	338	334	328	322	314	302
-72.5°	284	289	290	290	290	289	284	279	273	266	256
-75°	235	239	240	240	240	239	235	230	225	219	210
-77.5°	185	189	190	190	190	189	185	181	177	172	165
-80°	141	144	142	140	142	144	141	137	133	129	123
-82.5°	97	100	97	95	97	100	97	93	90	86	84
-85°	58	60	57	55	57	60	58	56	55	53	51
-87.5°	24	25	22	20	22	25	24	22	21	19	19
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627284 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	7	6	6	5	4	2	1	2	1	0	1
60°	25	17	22	23	19	12	13	10	5	5	4
57.5°	73	70	59	52	50	44	35	28	23	16	9
55°	111	103	94	83	73	68	61	53	44	33	25
52.5°	139	135	127	114	103	95	84	75	67	57	44
50°	193	183	171	158	144	131	119	103	89	80	68
47.5°	248	235	223	209	189	172	156	139	119	101	90
45°	301	282	266	249	230	209	191	172	150	129	110
42.5°	354	326	301	287	264	242	222	203	180	156	136
40°	419	379	353	333	310	277	258	236	212	184	162
37.5°	512	457	424	397	369	334	301	275	246	217	190
35°	636	568	506	467	436	392	352	317	285	253	220
32.5°	773	687	600	539	490	445	401	362	322	287	253
30°	971	831	710	612	549	495	445	401	359	319	285
27.5°	1283	1025	859	711	611	546	492	439	392	350	313
25°	1797	1347	1057	851	691	604	542	481	426	379	339
22.5°	2588	1888	1365	1022	822	698	603	524	460	414	369
20°	3962	2634	1830	1338	1019	806	678	581	509	451	399
17.5°	6103	4127	2436	1739	1285	981	778	649	559	487	429
15°	8570	5808	3632	2319	1586	1125	869	713	610	527	459
12.5°	11066	7545	4669	2792	1841	1286	976	790	662	562	483
10°	13044	9098	5751	3474	2165	1451	1070	847	697	589	505
7.5°	15079	10372	6662	3985	2435	1589	1142	892	727	612	523
5°	16564	11406	7437	4386	2648	1695	1198	929	750	630	539
2.5°	17579	12112	7961	4633	2788	1770	1242	957	772	643	549
0°	18049	12446	8204	4807	2866	1816	1276	975	790	650	555
-2.5°	17940	12426	8056	4747	2870	1840	1287	980	796	659	561
-5°	17221	11980	7794	4621	2798	1828	1292	982	797	663	564
-7.5°	16218	11194	7204	4311	2651	1779	1282	981	795	665	566
-10°	14656	9966	6393	3891	2452	1693	1248	965	787	662	565
-12.5°	12730	8576	5438	3262	2178	1566	1185	934	771	653	561
-15°	10480	7116	4553	2881	1954	1435	1110	894	752	638	552
-17.5°	8258	5568	3496	2371	1725	1322	1054	866	731	624	543
-20°	6070	4047	2820	2004	1501	1186	982	827	706	611	537

Classified

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

Scaled Data Report



REPORT NUMBER: P627284 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	4210	3056	2193	1644	1327	1091	917	784	675	595	526
-25°	3033	2271	1757	1429	1175	988	857	746	654	578	512
-27.5°	2228	1760	1479	1231	1042	915	805	708	628	559	499
-30°	1717	1466	1252	1070	949	844	756	676	603	538	484
-32.5°	1393	1237	1076	964	866	784	710	640	575	519	466
-35°	1185	1068	962	875	798	730	664	605	550	497	446
-37.5°	1036	944	870	801	740	680	626	574	524	473	427
-40°	925	853	794	738	687	638	593	546	498	448	407
-42.5°	841	785	731	685	641	603	563	519	473	428	389
-45°	773	725	677	639	604	569	534	493	449	410	372
-47.5°	712	674	636	599	567	535	503	466	428	391	352
-50°	660	627	593	560	534	505	474	442	405	367	332
-52.5°	610	584	557	531	503	474	445	413	377	345	315
-55°	572	548	523	497	471	445	416	384	354	324	292
-57.5°	533	511	488	467	446	418	388	359	328	298	268
-60°	493	473	452	431	411	387	357	328	300	271	242
-62.5°	443	426	407	388	368	346	319	292	268	244	217
-65°	390	373	356	339	319	298	274	254	235	216	192
-67.5°	338	323	307	289	271	253	236	219	202	183	162
-70°	290	277	262	246	231	214	199	184	167	151	134
-72.5°	245	234	222	208	193	179	165	151	137	123	109
-75°	201	192	182	170	158	146	134	123	111	100	89
-77.5°	158	151	143	133	124	116	107	97	88	79	69
-80°	117	112	106	100	93	86	79	71	64	57	50
-82.5°	81	78	75	69	64	59	53	48	43	38	33
-85°	49	46	44	41	38	34	31	28	24	21	18
-87.5°	19	18	18	17	15	14	12	11	10	8	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627284 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	1	0	0	0	0	0	0	1	0	0	0
60°	3	2	1	1	1	0	0	1	1	0	0
57.5°	8	6	4	3	2	1	1	2	2	1	0
55°	16	12	7	4	4	3	2	2	3	2	0
52.5°	32	22	15	8	5	5	3	2	3	4	1
50°	52	36	25	16	7	6	5	3	4	5	3
47.5°	76	56	38	26	15	8	7	4	4	5	4
45°	96	79	55	38	24	14	9	5	5	5	5
42.5°	117	99	77	50	36	22	13	8	5	5	5
40°	141	119	98	70	48	30	20	12	5	5	5
37.5°	166	142	117	89	61	41	26	16	7	6	5
35°	192	165	136	107	78	53	32	22	12	7	5
32.5°	217	187	155	124	93	65	40	27	17	9	5
30°	245	207	172	140	106	77	51	33	21	11	5
27.5°	273	226	189	155	121	89	62	40	25	14	7
25°	299	249	206	169	135	101	73	47	30	18	9
22.5°	323	272	223	182	150	113	83	56	36	21	11
20°	347	294	239	199	164	126	93	64	41	24	13
17.5°	372	316	262	217	178	138	102	72	47	27	15
15°	396	338	282	234	192	149	111	79	53	30	17
12.5°	418	357	300	250	205	160	120	85	58	33	19
10°	437	375	316	264	217	169	127	91	63	36	22
7.5°	453	390	329	277	229	178	134	97	68	38	24
5°	466	402	340	287	238	186	140	102	73	41	26
2.5°	474	410	349	294	245	194	146	106	77	43	28
0°	480	415	355	300	250	200	150	110	80	45	30
-2.5°	486	420	362	306	256	207	155	113	83	49	31
-5°	489	424	367	311	260	212	159	116	85	53	31
-7.5°	491	427	371	314	263	216	161	118	87	57	31
-10°	491	429	374	317	266	218	163	119	88	59	32
-12.5°	490	430	375	319	267	218	166	122	90	61	32
-15°	486	430	374	318	268	219	168	124	91	61	32
-17.5°	480	427	371	315	266	218	169	125	92	61	33
-20°	475	422	366	311	264	217	169	125	91	60	35

Classified

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

Scaled Data Report



REPORT NUMBER: P627284 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	468	414	360	306	260	215	167	123	90	59	36
-25°	458	404	352	302	257	212	165	120	88	57	37
-27.5°	446	393	344	297	252	209	161	117	86	55	37
-30°	431	383	336	290	246	202	155	114	83	55	37
-32.5°	416	372	327	282	238	195	147	109	80	55	37
-35°	402	360	317	271	229	186	141	104	77	54	36
-37.5°	385	346	303	259	220	177	136	101	73	53	35
-40°	370	331	287	248	210	168	131	98	71	51	34
-42.5°	353	313	274	237	199	161	125	95	69	49	33
-45°	334	297	262	225	188	153	120	90	66	47	32
-47.5°	316	283	248	212	179	145	113	85	62	45	30
-50°	301	267	232	198	167	136	106	80	59	43	28
-52.5°	282	248	214	183	155	126	98	73	55	40	26
-55°	260	227	196	168	142	115	88	68	51	37	24
-57.5°	237	205	179	154	128	102	79	62	46	33	22
-60°	213	187	163	137	112	90	71	55	42	29	20
-62.5°	192	168	143	120	98	80	63	49	37	27	18
-65°	168	145	123	103	85	69	56	43	33	24	16
-67.5°	141	122	105	87	72	59	47	38	29	20	15
-70°	117	101	86	72	60	49	41	33	25	18	13
-72.5°	96	83	70	58	49	42	34	27	21	15	11
-75°	77	66	56	47	40	34	28	22	17	12	10
-77.5°	60	51	43	37	32	27	21	16	13	10	8
-80°	44	38	33	29	24	20	15	12	10	8	6
-82.5°	29	26	23	21	17	14	10	8	6	5	4
-85°	17	15	14	12	10	7	6	4	4	3	3
-87.5°	7	6	6	6	5	4	3	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P627284 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	1	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	1	1	0	0	0	0	0
47.5°	2	1	0	0	0	0	0
45°	3	2	0	0	0	0	0
42.5°	3	2	0	0	0	0	0
40°	4	3	0	0	0	0	0
37.5°	4	3	1	0	0	0	0
35°	5	4	1	0	0	0	0
32.5°	5	4	2	0	0	0	0
30°	5	5	2	0	0	0	0
27.5°	5	5	3	0	0	0	0
25°	5	5	3	0	0	0	0
22.5°	5	5	3	0	0	0	0
20°	5	5	4	0	0	0	0
17.5°	5	5	4	0	0	0	0
15°	6	5	4	0	0	0	0
12.5°	6	5	5	0	0	0	0
10°	7	5	5	0	0	0	0
7.5°	8	5	5	0	0	0	0
5°	9	5	5	0	0	0	0
2.5°	9	5	5	0	0	0	0
0°	10	5	5	0	0	0	0
-2.5°	12	6	5	0	0	0	0
-5°	14	6	5	1	0	0	0
-7.5°	16	7	5	1	0	0	0
-10°	17	7	5	1	0	0	0
-12.5°	18	7	5	2	0	0	0
-15°	19	8	5	2	0	0	0
-17.5°	20	8	5	2	0	0	0
-20°	20	8	5	2	0	0	0

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REPORT NUMBER: P627284 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21	8	5	2	0	0	0
-25°	21	9	5	2	0	0	0
-27.5°	21	9	5	2	0	0	0
-30°	21	10	5	2	0	0	0
-32.5°	20	10	6	2	0	0	0
-35°	20	10	6	2	0	0	0
-37.5°	20	10	6	2	0	0	0
-40°	20	11	7	1	0	0	0
-42.5°	20	11	7	1	0	0	0
-45°	19	11	6	1	0	0	0
-47.5°	18	11	6	1	0	0	0
-50°	17	11	6	1	0	0	0
-52.5°	16	10	5	1	0	0	0
-55°	15	10	5	1	0	0	0
-57.5°	14	9	4	1	0	0	0
-60°	13	8	4	1	0	0	0
-62.5°	12	8	4	1	0	0	0
-65°	11	7	3	1	0	0	0
-67.5°	10	6	3	1	0	0	0
-70°	9	6	3	1	0	0	0
-72.5°	8	5	3	1	0	0	0
-75°	7	5	2	1	0	0	0
-77.5°	6	4	2	1	0	0	0
-80°	5	3	2	1	0	0	0
-82.5°	4	2	1	0	0	0	0
-85°	3	2	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)