

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: P627164 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627164 (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-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
Luminaire Lumens: 16299 lumens
Efficiency: N/A
Efficacy: 133.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 57467.5 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 8149.7 lumens
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 14003.9 lumens
Field Efficiency: 85.9%

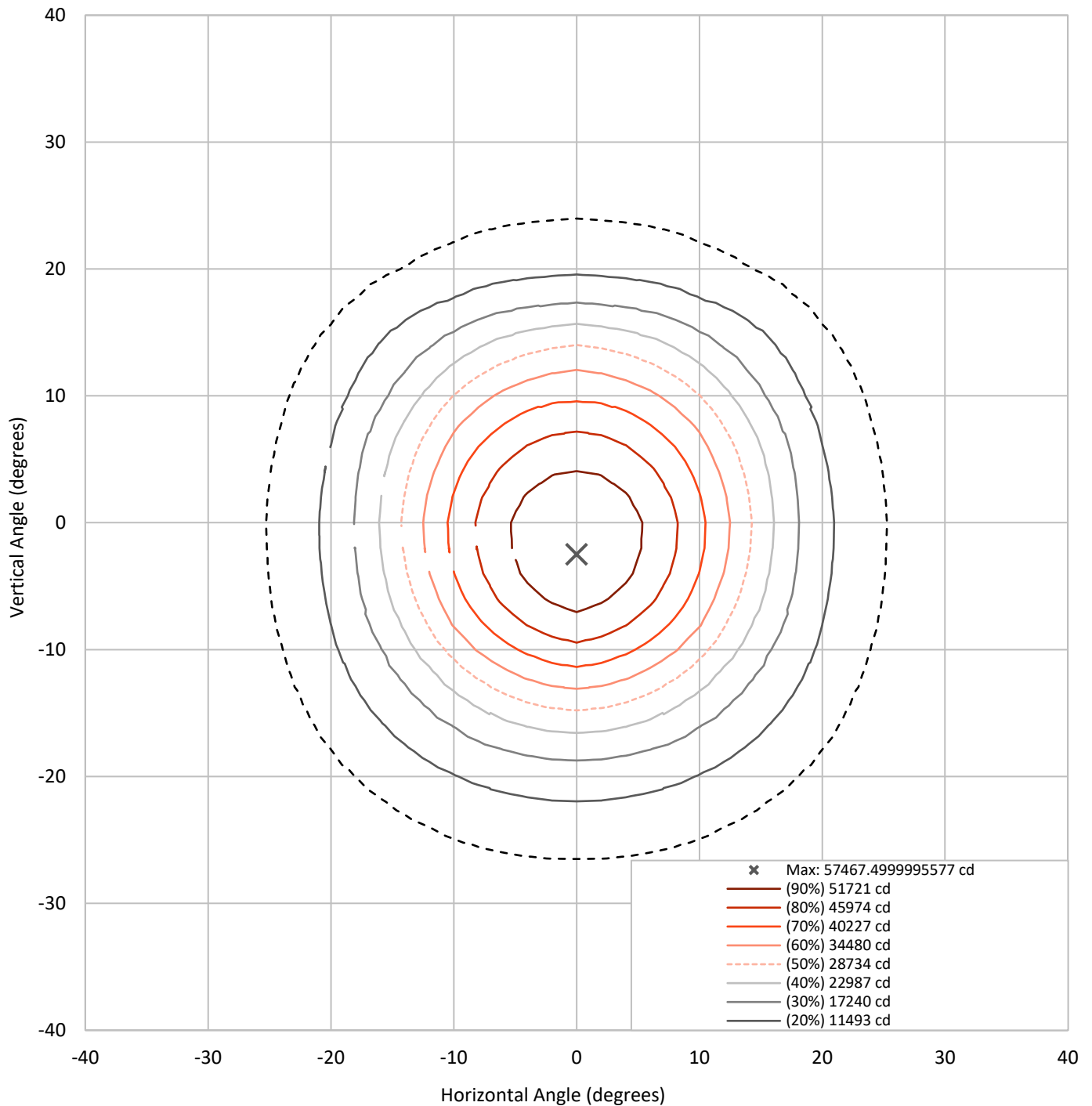
Input Watts (W): 121.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA3C-740-U-MR-VSR-XX

Iso-Candela Plot





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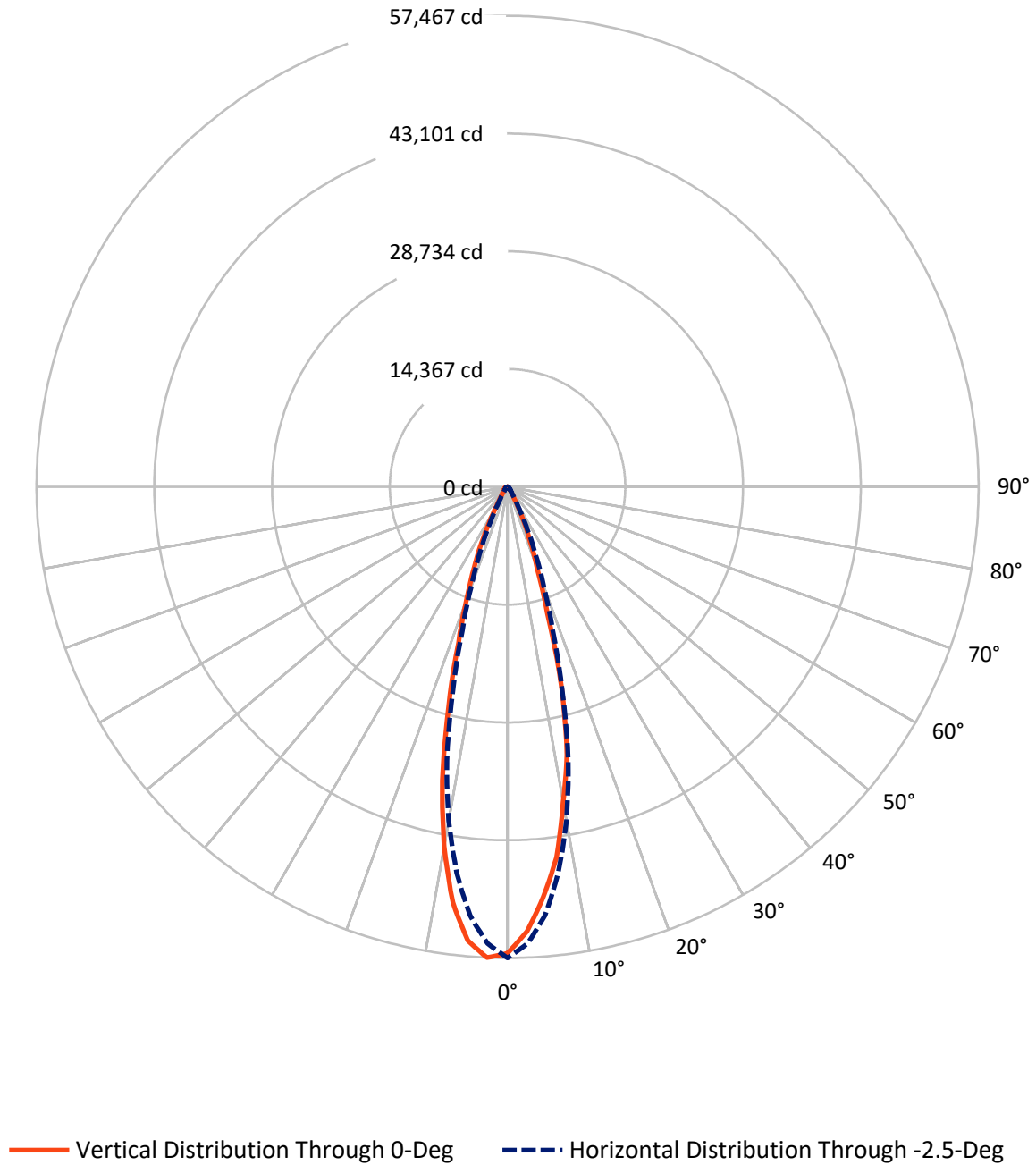
CATALOG NUMBER: GFLD-SA3C-740-U-MR-VSR-XX

Lumen Table

90																								
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0									
70																								
60	0.0	0.0	0.0	0.0	0.1	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	1.9	2.6	3.1	3.1	2.6	1.9	1.1	0.5	0.1		0.0								
40	0.0	0.1	0.6	1.8	3.4	5.3	7.4	8.7	8.7	7.4	5.3	3.4	1.8	0.6	0.1	0.0								
30		0.2	1.4	3.5	6.4	10.5	17.6	23.4	23.4	17.6	10.5	6.4	3.5	1.4	0.2									
20	0.1	0.5	2.2	5.3	10.1	24.6	77.4	141.9	141.9	77.4	24.6	10.1	5.3	2.2	0.5	0.1								
10		0.8	3.0	7.2	17.3	84.9	345.2	675.9	675.9	345.2	84.9	17.3	7.2	3.0	0.8									
0	0.2	1.0	3.7	8.6	24.9	161.8	697.0	1366.1	1366.1	697.0	161.8	24.9	8.6	3.7	1.0	0.2								
-10		1.2	4.0	9.1	26.6	169.5	715.1	1448.5	1448.5	715.1	169.5	26.6	9.1	4.0	1.2									
-20	0.3	1.3	4.1	8.9	21.9	104.1	395.5	766.6	766.6	395.5	104.1	21.9	8.9	4.1	1.3	0.3								
-30		1.2	3.9	8.1	16.0	40.4	122.5	218.5	218.5	122.5	40.4	16.0	8.1	3.9	1.2									
-40	0.3	1.1	3.5	7.0	12.2	19.9	32.6	43.6	43.6	32.6	19.9	12.2	7.0	3.5	1.1	0.3								
-50		0.9	2.9	5.8	9.6	13.7	18.1	20.3	20.3	18.1	13.7	9.6	5.8	2.9	0.9									
-60	0.2	0.7	2.2	4.5	7.5	10.4	13.0	14.2	14.2	13.0	10.4	7.5	4.5	2.2	0.7	0.2								
-70		0.4	1.3	3.0	5.0	7.1	8.9	9.9	9.9	8.9	7.1	5.0	3.0	1.3	0.4									
-80	0.1	1.1	4.8	10.4	13.1	10.4	4.8	1.1	0.1															
-90																								
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90					

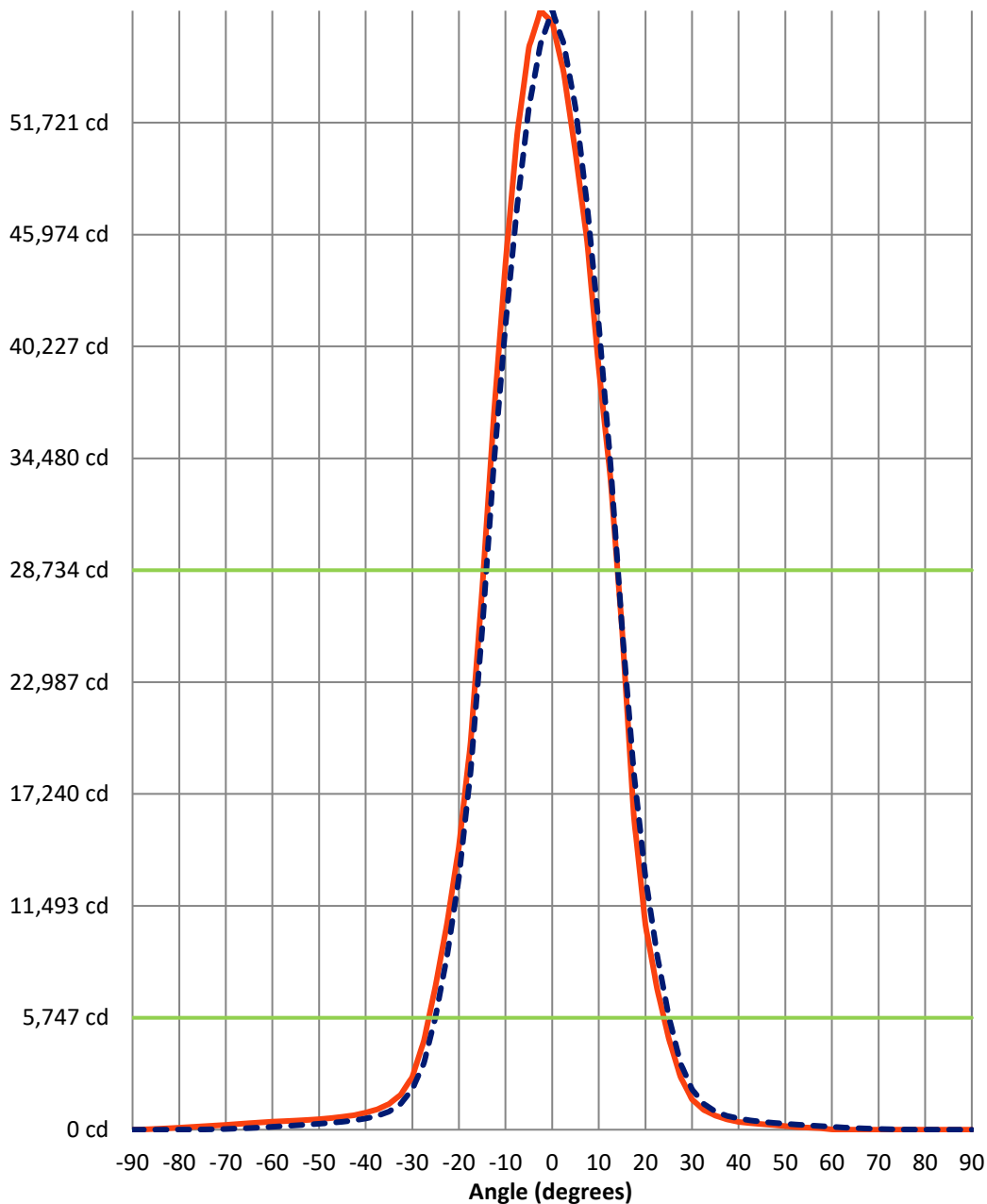
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 8149.7
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 14003.9
 Efficiency: 85.9%

Spill:
 Lumens: 2295.1
 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	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	16
32.5°	0	0	0	0	1	3	4	4	7	12	20
30°	0	0	0	0	2	3	4	4	8	15	24
27.5°	0	0	0	0	2	3	4	5	10	18	29
25°	0	0	0	0	2	4	4	6	13	22	34
22.5°	0	0	0	0	2	4	4	8	15	26	40
20°	0	0	0	0	3	4	4	9	18	30	47
17.5°	0	0	0	0	3	4	4	11	20	34	52
15°	0	0	0	0	3	4	4	12	22	38	57
12.5°	0	0	0	0	3	4	5	14	24	42	62
10°	0	0	0	0	3	4	5	16	26	46	66
7.5°	0	0	0	0	3	4	6	18	28	49	70
5°	0	0	0	0	4	4	6	19	30	53	74
2.5°	0	0	0	0	4	4	7	20	31	55	77
0°	0	0	0	0	4	4	7	22	33	58	80
-2.5°	0	0	0	0	4	4	9	22	36	60	82
-5°	0	0	0	0	4	4	10	22	39	62	84
-7.5°	0	0	0	1	4	5	11	23	41	63	85
-10°	0	0	0	1	3	5	12	23	43	64	86
-12.5°	0	0	0	1	3	5	13	23	44	65	88
-15°	0	0	0	1	3	6	14	23	44	66	90
-17.5°	0	0	0	1	3	6	14	24	44	66	91
-20°	0	0	0	2	3	6	15	25	43	66	90

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REPORT NUMBER: P627164 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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	3	6	15	26	42	65	89
-25°	0	0	0	2	3	6	15	27	41	64	87
-27.5°	0	0	0	2	3	7	15	27	40	62	85
-30°	0	0	0	2	4	7	15	27	40	60	82
-32.5°	0	0	0	2	4	7	15	27	39	58	79
-35°	0	0	0	1	4	7	15	26	39	55	75
-37.5°	0	0	0	1	5	7	15	26	38	53	73
-40°	0	0	0	1	5	8	15	25	37	51	71
-42.5°	0	0	0	1	5	8	14	24	36	50	69
-45°	0	0	0	1	4	8	14	23	34	48	65
-47.5°	0	0	0	0	4	8	13	22	33	45	62
-50°	0	0	0	1	4	8	12	21	31	43	58
-52.5°	0	0	0	1	4	7	12	19	29	40	53
-55°	0	0	0	1	3	7	11	17	26	37	49
-57.5°	0	0	0	1	3	6	10	16	24	33	44
-60°	0	0	0	1	3	6	9	15	21	30	40
-62.5°	0	0	0	1	3	5	9	13	19	27	36
-65°	0	0	0	1	2	5	8	12	17	24	31
-67.5°	0	0	0	1	2	4	7	11	15	21	27
-70°	0	0	0	1	2	4	7	9	13	18	24
-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	6	7	9
-82.5°	0	0	0	0	1	2	3	3	4	5	6
-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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REPORT NUMBER: P627164 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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	1
60°	0	0	1	1	1	2	2	3	3	3	7
57.5°	0	1	2	2	3	4	6	7	11	17	20
55°	1	2	3	3	5	9	12	18	24	32	38
52.5°	2	4	3	6	11	16	23	32	41	48	54
50°	3	4	5	12	18	26	37	49	58	65	75
47.5°	5	5	11	19	28	40	55	65	73	86	101
45°	7	10	18	27	40	57	70	79	93	109	124
42.5°	9	16	26	36	56	72	84	98	113	130	147
40°	14	22	35	51	71	86	102	117	133	153	171
37.5°	19	30	44	65	85	102	120	138	157	178	199
35°	23	38	56	77	98	119	139	159	183	206	229
32.5°	29	47	67	89	112	135	157	183	208	233	262
30°	37	56	77	101	125	150	177	206	231	259	290
27.5°	45	64	87	112	137	164	197	226	253	284	318
25°	53	73	97	123	149	180	216	245	274	308	348
22.5°	60	82	108	132	161	197	233	267	299	333	379
20°	67	91	119	144	173	213	251	288	326	368	421
17.5°	74	100	129	157	189	229	269	310	352	404	469
15°	81	108	139	169	204	244	287	332	381	442	516
12.5°	87	116	148	181	217	258	302	350	406	479	571
10°	92	122	157	191	228	271	316	365	426	504	612
7.5°	97	129	166	201	238	282	328	379	443	526	645
5°	102	135	172	207	246	291	337	390	456	543	672
2.5°	105	140	177	213	252	296	343	397	465	558	692
0°	109	145	181	217	257	300	347	402	470	572	706
-2.5°	112	149	185	222	262	304	351	406	477	576	709
-5°	115	153	188	225	265	306	354	408	480	576	710
-7.5°	117	156	191	227	268	309	355	410	481	575	710
-10°	118	157	192	230	270	311	355	409	479	569	698
-12.5°	120	158	193	231	271	311	354	405	472	558	676
-15°	121	158	194	230	270	311	351	399	462	544	646
-17.5°	122	158	193	228	268	309	347	393	451	529	626
-20°	122	157	191	225	265	305	344	388	442	510	598

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CATALOG NUMBER: GFLD-SA3C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	121	156	188	221	260	300	339	380	431	488	567
-25°	119	154	186	219	255	293	332	370	418	473	540
-27.5°	116	151	182	215	249	285	323	361	404	455	512
-30°	112	146	178	210	243	277	312	350	389	436	489
-32.5°	106	141	172	204	237	269	301	337	375	416	463
-35°	102	135	166	196	229	260	290	323	360	398	438
-37.5°	99	128	159	188	219	250	279	309	342	379	415
-40°	95	121	152	180	208	239	267	294	324	360	395
-42.5°	91	116	144	172	198	226	256	281	309	342	375
-45°	87	111	136	163	189	215	242	269	296	325	356
-47.5°	82	105	129	153	179	205	228	254	283	310	337
-50°	77	99	121	143	167	193	218	240	266	293	320
-52.5°	71	91	112	132	155	179	204	228	250	273	299
-55°	64	83	102	122	142	164	188	212	235	256	278
-57.5°	57	74	92	111	129	148	171	194	216	238	260
-60°	52	65	81	99	118	135	154	175	196	217	237
-62.5°	46	58	71	86	104	121	139	157	176	194	211
-65°	40	50	61	75	89	105	121	139	156	170	184
-67.5°	34	43	52	63	76	89	102	117	133	146	158
-70°	30	36	43	52	62	73	85	97	109	121	133
-72.5°	25	30	36	42	50	60	69	79	89	99	109
-75°	20	24	29	34	40	48	56	64	73	81	89
-77.5°	15	19	23	27	31	37	43	50	57	64	70
-80°	11	14	18	21	24	28	32	36	41	46	52
-82.5°	8	10	12	15	17	19	21	24	27	31	35
-85°	4	5	7	9	10	11	12	13	15	18	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



REPORT NUMBER: P627164 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	14	17	16	13	18	20	20	17	17
57.5°	25	32	36	38	43	50	53	52	53	55	62
55°	44	49	53	60	68	75	80	84	88	93	98
52.5°	61	69	75	82	92	98	100	111	119	126	130
50°	86	95	104	114	124	132	140	150	162	174	182
47.5°	113	124	136	151	162	170	179	193	209	224	233
45°	138	151	166	180	192	204	218	235	251	266	278
42.5°	160	175	191	207	218	236	256	273	294	312	327
40°	186	201	224	241	255	274	303	329	353	376	390
37.5°	218	242	267	287	307	330	370	409	440	471	493
35°	255	284	315	338	366	411	460	514	568	611	650
32.5°	290	322	354	390	434	497	559	645	725	807	883
30°	322	358	397	443	514	601	702	834	977	1120	1283
27.5°	356	395	442	514	622	741	928	1135	1432	1670	2054
25°	392	437	500	616	764	974	1300	1671	2284	2807	3397
22.5°	436	505	595	739	987	1366	1872	2680	3621	4495	5328
20°	491	583	737	968	1324	1905	2866	4091	5399	6678	7915
17.5°	563	710	930	1257	1762	2985	4414	6165	8405	10088	11684
15°	628	814	1147	1677	2627	4201	6199	8879	11895	14431	17300
12.5°	706	930	1331	2020	3377	5457	8004	11201	14770	18620	23113
10°	774	1050	1566	2513	4160	6581	9435	13186	17772	23219	28898
7.5°	826	1149	1761	2883	4819	7502	10906	15470	21276	27643	34120
5°	866	1226	1915	3173	5379	8250	11981	17276	23895	31202	37643
2.5°	898	1280	2017	3351	5758	8761	12715	18236	25497	33526	40288
0°	923	1313	2073	3477	5934	9003	13055	18624	26248	34664	41619
-2.5°	931	1331	2076	3433	5827	8988	12976	18386	25730	34212	41336
-5°	934	1322	2024	3342	5637	8665	12456	17483	24148	32104	39324
-7.5°	928	1287	1918	3118	5211	8096	11731	16143	21606	28621	36083
-10°	902	1225	1774	2814	4624	7208	10601	14329	18693	24420	30467
-12.5°	857	1133	1576	2359	3933	6203	9208	12503	15905	19668	24642
-15°	803	1038	1414	2084	3293	5147	7580	10364	13187	16068	19103
-17.5°	762	956	1247	1715	2528	4027	5973	8210	10500	12789	14832
-20°	710	858	1086	1449	2040	2927	4390	6131	7842	9708	11274

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627164 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	664	789	960	1189	1586	2210	3045	4270	5570	6926	8211
-25°	620	715	850	1034	1271	1643	2194	2834	3747	4580	5535
-27.5°	582	662	754	890	1070	1273	1611	1985	2464	2861	3499
-30°	547	610	686	774	906	1060	1242	1469	1703	1938	2243
-32.5°	513	567	626	697	778	895	1007	1153	1281	1422	1568
-35°	481	528	577	633	696	772	857	953	1038	1123	1200
-37.5°	453	492	535	579	629	683	749	817	874	930	977
-40°	429	462	497	534	574	617	669	719	758	794	824
-42.5°	407	436	464	495	529	568	608	646	673	698	718
-45°	386	411	437	463	490	524	559	589	610	628	643
-47.5°	364	387	410	434	460	487	515	537	556	572	583
-50°	343	365	386	405	429	453	477	496	512	526	534
-52.5°	322	343	364	384	403	422	441	459	476	490	495
-55°	301	322	341	360	378	396	413	429	444	458	462
-57.5°	281	302	322	337	353	370	386	401	415	428	433
-60°	258	280	297	312	327	342	356	371	385	397	402
-62.5°	231	250	266	281	295	308	321	333	346	356	362
-65°	199	215	231	245	258	270	282	293	304	311	316
-67.5°	171	183	196	209	222	233	244	254	264	270	275
-70°	144	155	167	178	190	200	209	218	227	233	237
-72.5°	119	129	140	150	160	169	177	185	193	198	202
-75°	97	105	114	123	132	139	146	152	158	163	166
-77.5°	77	84	90	96	103	109	114	119	124	128	131
-80°	57	62	67	72	77	81	85	89	93	96	99
-82.5°	39	42	46	50	54	57	59	61	62	65	67
-85°	22	25	27	30	32	34	35	37	38	39	41
-87.5°	9	10	11	12	13	13	14	14	14	15	16
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627164 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	1
62.5°	4	4	4	4	4	4	4	5	5	5	5
60°	16	14	14	15	14	14	16	17	17	20	20
57.5°	67	72	75	76	75	72	67	62	55	53	52
55°	103	106	107	105	107	106	103	98	93	88	84
52.5°	133	133	132	130	132	133	133	130	126	119	111
50°	184	183	184	185	184	183	184	182	174	162	150
47.5°	237	239	240	239	240	239	237	233	224	209	193
45°	283	286	287	286	287	286	283	278	266	251	235
42.5°	332	334	335	337	335	334	332	327	312	294	273
40°	397	400	399	398	399	400	397	390	376	353	329
37.5°	508	515	519	528	519	515	508	493	471	440	409
35°	680	698	708	724	708	698	680	650	611	568	514
32.5°	939	977	997	1017	997	977	939	883	807	725	645
30°	1396	1470	1500	1556	1500	1470	1396	1283	1120	977	834
27.5°	2336	2513	2583	2728	2583	2513	2336	2054	1670	1432	1135
25°	3935	4316	4527	4693	4527	4316	3935	3397	2807	2284	1671
22.5°	6169	6728	7027	7248	7027	6728	6169	5328	4495	3621	2680
20°	9036	9773	10214	10533	10214	9773	9036	7915	6678	5399	4091
17.5°	13732	14892	15570	16153	15570	14892	13732	11684	10088	8405	6165
15°	20501	22831	24642	25651	24642	22831	20501	17300	14431	11895	8879
12.5°	27086	30499	32527	33459	32527	30499	27086	23113	18620	14770	11201
10°	33598	36816	38745	39086	38745	36816	33598	28898	23219	17772	13186
7.5°	38583	42122	44686	45617	44686	42122	38583	34120	27643	21276	15470
5°	42986	47130	49843	50187	49843	47130	42986	37643	31202	23895	17276
2.5°	46225	50730	53361	54265	53361	50730	46225	40288	33526	25497	18236
0°	47792	52644	55571	56889	55571	52644	47792	41619	34664	26248	18624
-2.5°	47462	52481	55748	57467	55748	52481	47462	41336	34212	25730	18386
-5°	45658	50691	53738	55564	53738	50691	45658	39324	32104	24148	17483
-7.5°	41496	46203	49446	51132	49446	46203	41496	36083	28621	21606	16143
-10°	36134	40117	43073	44510	43073	40117	36134	30467	24420	18693	14329
-12.5°	29165	33029	35696	36712	35696	33029	29165	24642	19668	15905	12503
-15°	22346	25295	27190	27789	27190	25295	22346	19103	16068	13187	10364
-17.5°	16946	18534	19600	19887	19600	18534	16946	14832	12789	10500	8210
-20°	12696	13680	14371	14535	14371	13680	12696	11274	9708	7842	6131

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REPORT NUMBER: P627164 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	9250	9990	10549	10660	10549	9990	9250	8211	6926	5570	4270
-25°	6381	6999	7378	7407	7378	6999	6381	5535	4580	3747	2834
-27.5°	4000	4340	4515	4577	4515	4340	4000	3499	2861	2464	1985
-30°	2472	2629	2711	2714	2711	2629	2472	2243	1938	1703	1469
-32.5°	1678	1754	1795	1795	1795	1754	1678	1568	1422	1281	1153
-35°	1257	1296	1318	1321	1318	1296	1257	1200	1123	1038	953
-37.5°	1011	1032	1044	1046	1044	1032	1011	977	930	874	817
-40°	845	860	870	876	870	860	845	824	794	758	719
-42.5°	731	741	745	742	745	741	731	718	698	673	646
-45°	651	657	661	662	661	657	651	643	628	610	589
-47.5°	588	591	592	593	592	591	588	583	572	556	537
-50°	538	540	541	539	541	540	538	534	526	512	496
-52.5°	497	498	499	499	499	498	497	495	490	476	459
-55°	464	466	466	467	466	466	464	462	458	444	429
-57.5°	436	439	440	438	440	439	436	433	428	415	401
-60°	407	410	412	413	412	410	407	402	397	385	371
-62.5°	367	370	372	373	372	370	367	362	356	346	333
-65°	321	324	328	333	328	324	321	316	311	304	293
-67.5°	278	281	285	289	285	281	278	275	270	264	254
-70°	241	245	246	246	246	245	241	237	233	227	218
-72.5°	206	209	210	210	210	209	206	202	198	193	185
-75°	170	173	173	174	173	173	170	166	163	158	152
-77.5°	134	137	137	138	137	137	134	131	128	124	119
-80°	102	104	103	101	103	104	102	99	96	93	89
-82.5°	70	72	70	69	70	72	70	67	65	62	61
-85°	42	43	42	40	42	43	42	41	39	38	37
-87.5°	17	18	16	15	16	18	17	16	15	14	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627164 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	5	4	4	4	3	2	1	1	1	0	1
60°	18	13	16	17	14	9	9	7	3	3	3
57.5°	53	50	43	38	36	32	25	20	17	11	7
55°	80	75	68	60	53	49	44	38	32	24	18
52.5°	100	98	92	82	75	69	61	54	48	41	32
50°	140	132	124	114	104	95	86	75	65	58	49
47.5°	179	170	162	151	136	124	113	101	86	73	65
45°	218	204	192	180	166	151	138	124	109	93	79
42.5°	256	236	218	207	191	175	160	147	130	113	98
40°	303	274	255	241	224	201	186	171	153	133	117
37.5°	370	330	307	287	267	242	218	199	178	157	138
35°	460	411	366	338	315	284	255	229	206	183	159
32.5°	559	497	434	390	354	322	290	262	233	208	183
30°	702	601	514	443	397	358	322	290	259	231	206
27.5°	928	741	622	514	442	395	356	318	284	253	226
25°	1300	974	764	616	500	437	392	348	308	274	245
22.5°	1872	1366	987	739	595	505	436	379	333	299	267
20°	2866	1905	1324	968	737	583	491	421	368	326	288
17.5°	4414	2985	1762	1257	930	710	563	469	404	352	310
15°	6199	4201	2627	1677	1147	814	628	516	442	381	332
12.5°	8004	5457	3377	2020	1331	930	706	571	479	406	350
10°	9435	6581	4160	2513	1566	1050	774	612	504	426	365
7.5°	10906	7502	4819	2883	1761	1149	826	645	526	443	379
5°	11981	8250	5379	3173	1915	1226	866	672	543	456	390
2.5°	12715	8761	5758	3351	2017	1280	898	692	558	465	397
0°	13055	9003	5934	3477	2073	1313	923	706	572	470	402
-2.5°	12976	8988	5827	3433	2076	1331	931	709	576	477	406
-5°	12456	8665	5637	3342	2024	1322	934	710	576	480	408
-7.5°	11731	8096	5211	3118	1918	1287	928	710	575	481	410
-10°	10601	7208	4624	2814	1774	1225	902	698	569	479	409
-12.5°	9208	6203	3933	2359	1576	1133	857	676	558	472	405
-15°	7580	5147	3293	2084	1414	1038	803	646	544	462	399
-17.5°	5973	4027	2528	1715	1247	956	762	626	529	451	393
-20°	4390	2927	2040	1449	1086	858	710	598	510	442	388

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REPORT NUMBER: P627164 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	3045	2210	1586	1189	960	789	664	567	488	431	380
-25°	2194	1643	1271	1034	850	715	620	540	473	418	370
-27.5°	1611	1273	1070	890	754	662	582	512	455	404	361
-30°	1242	1060	906	774	686	610	547	489	436	389	350
-32.5°	1007	895	778	697	626	567	513	463	416	375	337
-35°	857	772	696	633	577	528	481	438	398	360	323
-37.5°	749	683	629	579	535	492	453	415	379	342	309
-40°	669	617	574	534	497	462	429	395	360	324	294
-42.5°	608	568	529	495	464	436	407	375	342	309	281
-45°	559	524	490	463	437	411	386	356	325	296	269
-47.5°	515	487	460	434	410	387	364	337	310	283	254
-50°	477	453	429	405	386	365	343	320	293	266	240
-52.5°	441	422	403	384	364	343	322	299	273	250	228
-55°	413	396	378	360	341	322	301	278	256	235	212
-57.5°	386	370	353	337	322	302	281	260	238	216	194
-60°	356	342	327	312	297	280	258	237	217	196	175
-62.5°	321	308	295	281	266	250	231	211	194	176	157
-65°	282	270	258	245	231	215	199	184	170	156	139
-67.5°	244	233	222	209	196	183	171	158	146	133	117
-70°	209	200	190	178	167	155	144	133	121	109	97
-72.5°	177	169	160	150	140	129	119	109	99	89	79
-75°	146	139	132	123	114	105	97	89	81	73	64
-77.5°	114	109	103	96	90	84	77	70	64	57	50
-80°	85	81	77	72	67	62	57	52	46	41	36
-82.5°	59	57	54	50	46	42	39	35	31	27	24
-85°	35	34	32	30	27	25	22	20	18	15	13
-87.5°	14	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: P627164 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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	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°	12	9	5	3	3	2	1	1	2	2	0
52.5°	23	16	11	6	3	4	2	2	2	3	1
50°	37	26	18	12	5	4	3	2	3	3	2
47.5°	55	40	28	19	11	5	5	3	3	4	3
45°	70	57	40	27	18	10	7	4	3	4	3
42.5°	84	72	56	36	26	16	9	6	3	4	4
40°	102	86	71	51	35	22	14	9	4	4	4
37.5°	120	102	85	65	44	30	19	12	5	4	4
35°	139	119	98	77	56	38	23	16	9	5	4
32.5°	157	135	112	89	67	47	29	20	12	7	4
30°	177	150	125	101	77	56	37	24	15	8	4
27.5°	197	164	137	112	87	64	45	29	18	10	5
25°	216	180	149	123	97	73	53	34	22	13	6
22.5°	233	197	161	132	108	82	60	40	26	15	8
20°	251	213	173	144	119	91	67	47	30	18	9
17.5°	269	229	189	157	129	100	74	52	34	20	11
15°	287	244	204	169	139	108	81	57	38	22	12
12.5°	302	258	217	181	148	116	87	62	42	24	14
10°	316	271	228	191	157	122	92	66	46	26	16
7.5°	328	282	238	201	166	129	97	70	49	28	18
5°	337	291	246	207	172	135	102	74	53	30	19
2.5°	343	296	252	213	177	140	105	77	55	31	20
0°	347	300	257	217	181	145	109	80	58	33	22
-2.5°	351	304	262	222	185	149	112	82	60	36	22
-5°	354	306	265	225	188	153	115	84	62	39	22
-7.5°	355	309	268	227	191	156	117	85	63	41	23
-10°	355	311	270	230	192	157	118	86	64	43	23
-12.5°	354	311	271	231	193	158	120	88	65	44	23
-15°	351	311	270	230	194	158	121	90	66	44	23
-17.5°	347	309	268	228	193	158	122	91	66	44	24
-20°	344	305	265	225	191	157	122	90	66	43	25

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REPORT NUMBER: P627164 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-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°	339	300	260	221	188	156	121	89	65	42	26
-25°	332	293	255	219	186	154	119	87	64	41	27
-27.5°	323	285	249	215	182	151	116	85	62	40	27
-30°	312	277	243	210	178	146	112	82	60	40	27
-32.5°	301	269	237	204	172	141	106	79	58	39	27
-35°	290	260	229	196	166	135	102	75	55	39	26
-37.5°	279	250	219	188	159	128	99	73	53	38	26
-40°	267	239	208	180	152	121	95	71	51	37	25
-42.5°	256	226	198	172	144	116	91	69	50	36	24
-45°	242	215	189	163	136	111	87	65	48	34	23
-47.5°	228	205	179	153	129	105	82	62	45	33	22
-50°	218	193	167	143	121	99	77	58	43	31	21
-52.5°	204	179	155	132	112	91	71	53	40	29	19
-55°	188	164	142	122	102	83	64	49	37	26	17
-57.5°	171	148	129	111	92	74	57	44	33	24	16
-60°	154	135	118	99	81	65	52	40	30	21	15
-62.5°	139	121	104	86	71	58	46	36	27	19	13
-65°	121	105	89	75	61	50	40	31	24	17	12
-67.5°	102	89	76	63	52	43	34	27	21	15	11
-70°	85	73	62	52	43	36	30	24	18	13	9
-72.5°	69	60	50	42	36	30	25	20	15	11	8
-75°	56	48	40	34	29	24	20	16	12	9	7
-77.5°	43	37	31	27	23	19	15	12	9	7	6
-80°	32	28	24	21	18	14	11	9	7	6	4
-82.5°	21	19	17	15	12	10	8	6	5	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: P627164 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	1	1	0	0	0	0	0
45°	2	1	0	0	0	0	0
42.5°	2	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°	15	6	3	2	0	0	0

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REPORT NUMBER: P627164 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-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°	15	7	4	2	0	0	0
-35°	15	7	4	1	0	0	0
-37.5°	15	7	5	1	0	0	0
-40°	15	8	5	1	0	0	0
-42.5°	14	8	5	1	0	0	0
-45°	14	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)