

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: P626996 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-750-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626996 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-16)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2D-750-U-MWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13513.8 lumens
Efficiency: N/A
Efficacy: 124.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 18932.7 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 9051.5 lumens
Beam Efficiency: 67.0%

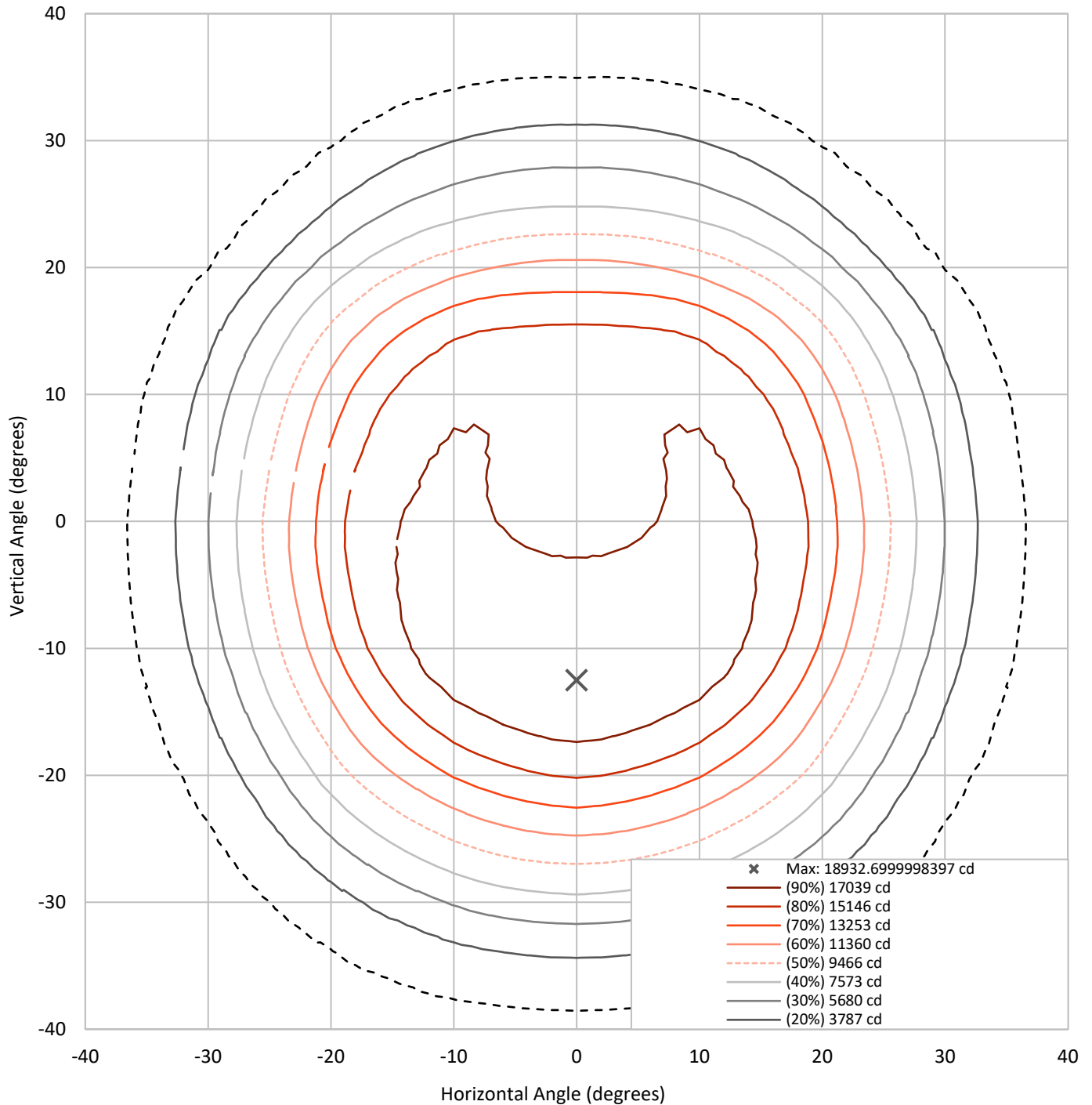
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 12180.6 lumens
Field Efficiency: 90.1%

Input Watts (W): 108.7
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



REPORT NUMBER: P626996 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-750-U-MWR-VSR-XX

Iso-Candela Plot





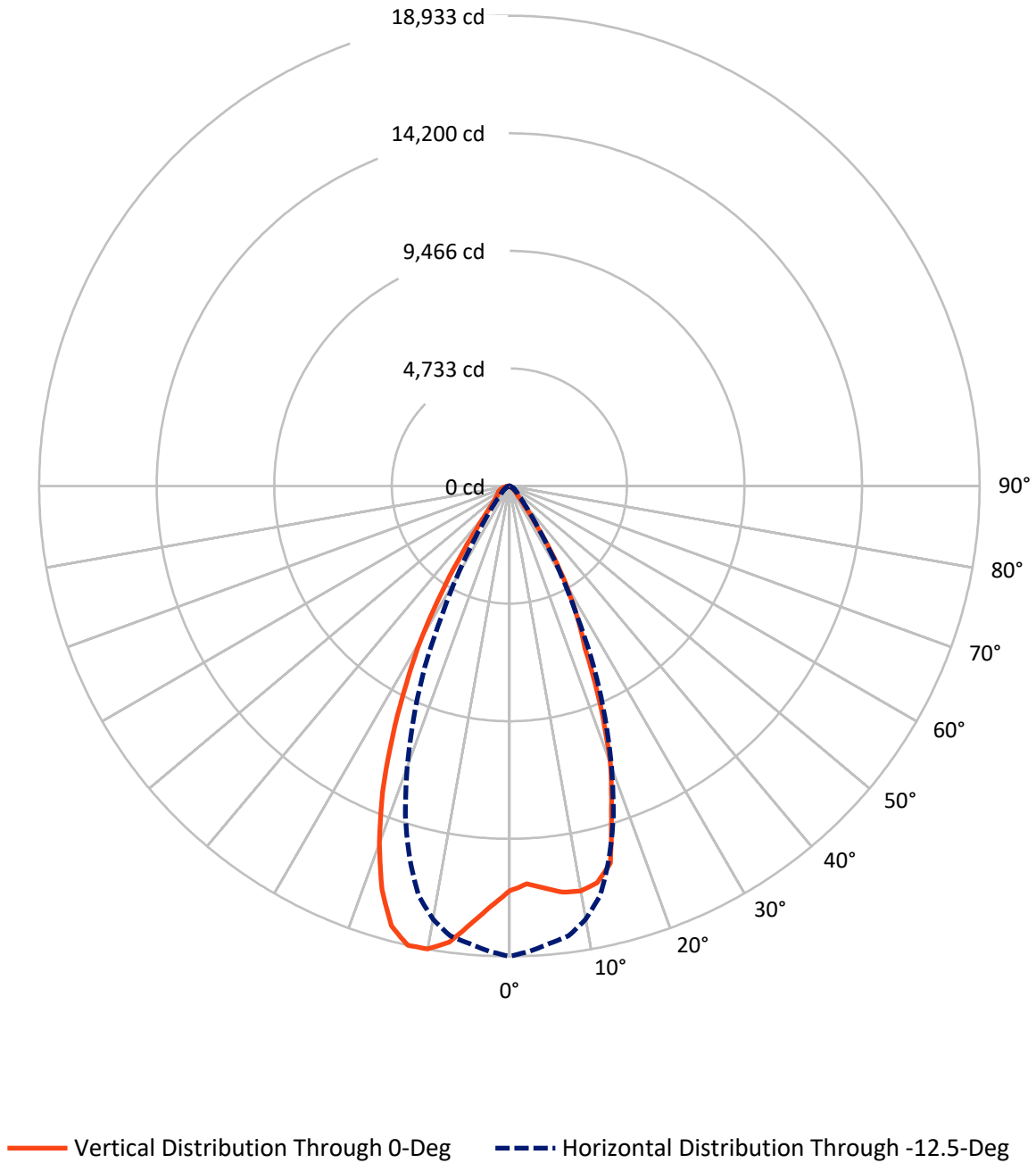
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Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.4	1.1	1.9	2.6	3.0	3.0	2.6	1.9	1.1	0.4	0.1		0.0			
40	0.1	0.1	0.5	1.9	3.8	6.2	9.3	11.4	11.4	9.3	6.2	3.8	1.9	0.5	0.1	0.1			
30		0.2	1.5	3.9	8.1	17.5	39.9	60.9	60.9	39.9	17.5	8.1	3.9	1.5	0.2				
20	0.1	0.5	2.5	6.3	17.0	62.8	161.8	226.1	226.1	161.8	62.8	17.0	6.3	2.5	0.5	0.1			
10		0.9	3.5	9.8	40.3	174.5	363.9	450.6	450.6	363.9	174.5	40.3	9.8	3.5	0.9				
0	0.3	1.2	4.4	12.6	64.3	256.9	469.2	508.7	508.7	469.2	256.9	64.3	12.6	4.4	1.2	0.3			
-10		1.4	4.8	13.5	67.2	265.3	486.1	539.9	539.9	486.1	265.3	67.2	13.5	4.8	1.4				
-20	0.4	1.5	4.9	12.2	48.1	197.5	410.1	523.6	523.6	410.1	197.5	48.1	12.2	4.9	1.5	0.4			
-30		1.4	4.6	10.2	26.9	95.8	228.5	321.6	321.6	228.5	95.8	26.9	10.2	4.6	1.4				
-40	0.3	1.3	4.2	8.4	16.0	34.1	71.4	105.9	105.9	71.4	34.1	16.0	8.4	4.2	1.3	0.3			
-50		1.1	3.5	7.0	11.7	17.3	24.4	28.9	28.9	24.4	17.3	11.7	7.0	3.5	1.1				
-60	0.3	0.8	2.6	5.5	9.2	12.8	15.9	17.4	17.4	15.9	12.8	9.2	5.5	2.6	0.8	0.3			
-70		0.5	1.7	3.8	6.5	9.1	11.6	12.9	12.9	11.6	9.1	6.5	3.8	1.7	0.5				
-80	0.1	1.5	6.8	14.5	18.6	14.5	6.8	1.5	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

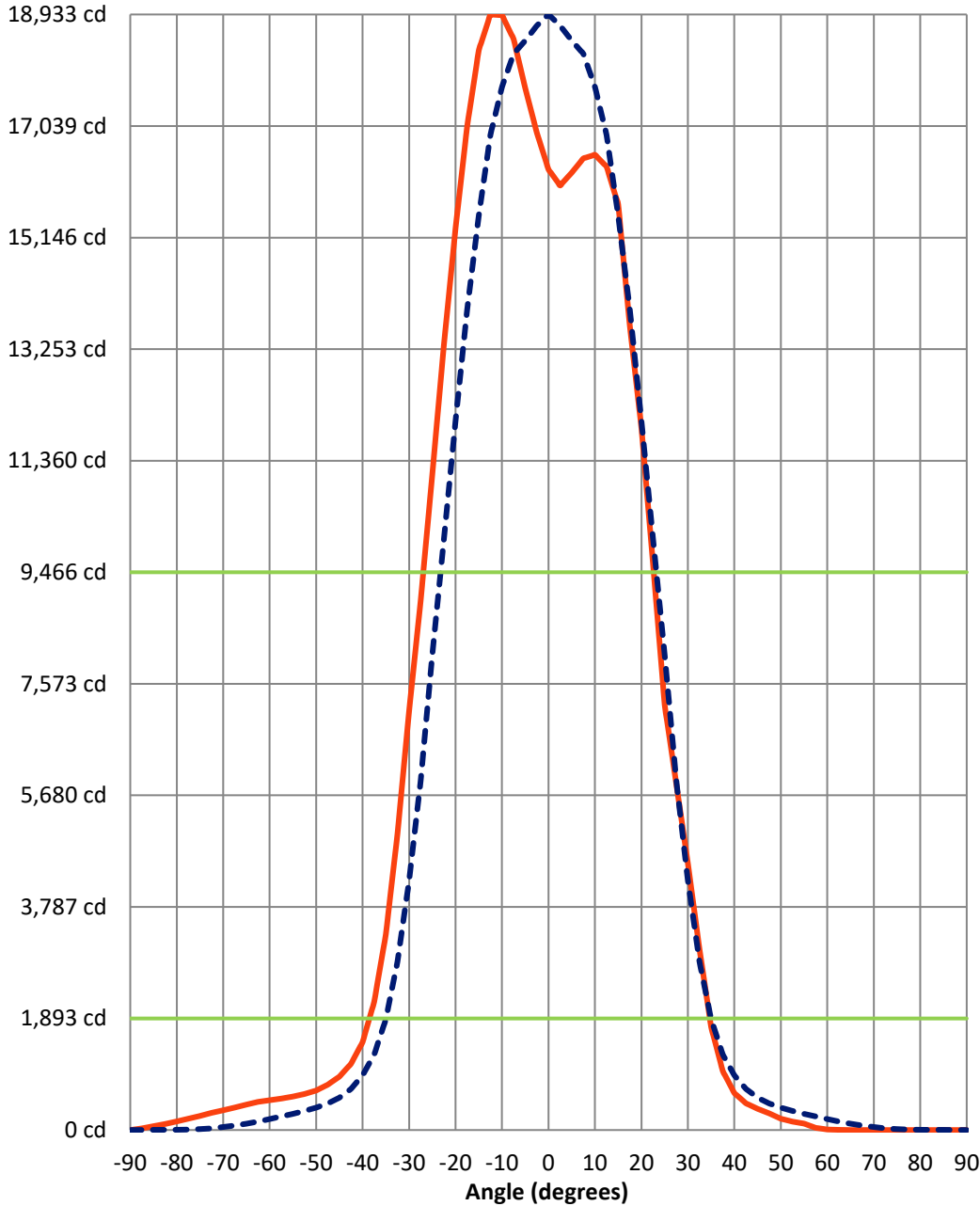
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 9051.5
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 12180.6
 Efficiency: 90.1%

Spill:
 Lumens: 1333.2
 Efficiency: 9.9%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -12.5-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	1	1	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	0	0
65°	0	0	0	1	1	1	0	0	1	1	1
62.5°	0	0	0	1	2	1	1	1	1	2	2
60°	0	0	0	1	2	1	1	1	2	2	3
57.5°	0	0	0	2	2	1	1	2	3	3	3
55°	0	0	0	2	2	1	2	3	3	3	3
52.5°	0	0	1	2	2	2	2	3	3	3	3
50°	0	0	1	3	2	2	3	3	3	3	4
47.5°	0	0	1	3	2	2	3	4	3	3	4
45°	0	0	1	3	2	3	3	4	3	4	5
42.5°	0	0	1	3	3	3	4	4	3	5	6
40°	0	0	2	3	3	3	4	4	4	6	7
37.5°	0	0	2	3	3	3	4	4	5	7	9
35°	0	0	2	3	3	3	5	5	6	9	12
32.5°	0	0	2	3	3	4	5	5	7	11	18
30°	0	0	2	3	3	4	5	5	9	14	25
27.5°	0	0	2	3	3	4	6	6	10	17	31
25°	0	0	3	3	3	5	6	7	13	21	36
22.5°	0	0	3	3	3	5	6	8	15	26	42
20°	0	0	3	3	3	5	6	9	18	30	49
17.5°	0	0	3	3	3	5	6	10	20	33	56
15°	0	0	3	3	3	6	7	12	23	37	63
12.5°	0	0	3	3	3	6	7	14	26	40	69
10°	0	0	3	3	3	6	8	16	28	45	76
7.5°	0	0	3	3	3	6	8	18	30	50	80
5°	0	0	3	3	3	6	8	21	31	55	84
2.5°	0	0	3	3	3	6	9	23	33	60	88
0°	0	0	3	3	3	6	9	25	34	65	90
-2.5°	0	0	3	3	3	7	11	26	39	68	95
-5°	0	0	3	3	4	7	12	26	43	71	99
-7.5°	0	0	3	3	4	7	14	27	46	73	103
-10°	0	0	3	3	4	7	15	27	49	75	105
-12.5°	0	0	3	3	4	8	16	28	51	76	107
-15°	0	0	3	3	4	8	17	28	52	77	108
-17.5°	0	0	3	3	5	8	17	29	52	77	108
-20°	0	0	3	3	5	8	18	30	51	77	107

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REPORT NUMBER: P626996 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	1	3	3	5	8	18	31	50	76	104
-25°	0	1	3	3	5	8	18	31	49	74	100
-27.5°	0	1	3	3	5	9	18	31	48	72	98
-30°	0	1	3	3	5	10	17	31	47	70	95
-32.5°	0	1	3	3	5	10	17	30	47	68	91
-35°	0	1	3	3	5	10	17	29	46	66	87
-37.5°	0	1	3	3	5	10	17	29	44	64	85
-40°	0	1	3	3	5	10	17	27	41	61	84
-42.5°	0	1	3	3	5	10	17	26	39	58	81
-45°	0	1	3	3	5	10	17	25	37	54	77
-47.5°	0	1	3	3	6	10	16	24	35	50	72
-50°	0	1	3	4	6	10	16	23	34	48	67
-52.5°	0	1	3	4	6	9	15	22	32	46	61
-55°	0	1	3	4	6	9	14	21	31	43	57
-57.5°	0	1	3	4	6	9	14	20	29	40	53
-60°	0	1	3	4	5	9	13	19	27	37	49
-62.5°	0	1	3	4	5	8	12	18	25	34	45
-65°	0	1	2	4	5	7	11	16	23	31	41
-67.5°	0	1	2	4	5	7	10	15	20	27	36
-70°	0	0	2	4	5	7	9	13	18	23	31
-72.5°	0	0	2	3	5	6	8	11	15	20	26
-75°	0	0	2	3	5	6	8	10	12	16	21
-77.5°	0	0	1	2	4	6	7	9	11	13	16
-80°	0	0	1	2	3	5	6	8	9	11	13
-82.5°	0	0	1	2	2	3	5	6	8	9	11
-85°	0	0	1	1	2	2	3	4	5	6	8
-87.5°	0	0	0	1	1	1	2	2	3	3	4
-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	1	1	1	0	0	0	0	0	0	0
65°	2	2	2	1	0	1	1	1	0	0	0
62.5°	3	2	2	1	2	2	2	1	0	1	1
60°	3	3	2	2	3	3	2	2	3	3	7
57.5°	3	3	3	3	4	3	4	4	11	19	21
55°	3	3	4	4	5	5	8	17	26	32	35
52.5°	4	3	5	6	7	12	21	32	40	46	55
50°	4	5	6	9	14	24	36	47	58	68	80
47.5°	5	6	9	14	25	39	53	68	80	94	111
45°	7	10	13	24	38	56	73	89	103	119	134
42.5°	8	15	23	34	54	75	95	108	123	140	160
40°	13	21	33	50	72	96	114	128	144	168	193
37.5°	19	30	43	66	92	116	133	150	173	201	230
35°	26	38	58	83	112	134	153	175	206	238	273
32.5°	33	46	72	101	128	152	173	205	237	274	321
30°	40	58	86	117	143	167	198	233	266	310	365
27.5°	47	70	100	131	157	183	223	257	294	344	411
25°	55	82	113	143	170	203	247	283	321	385	475
22.5°	65	94	126	155	183	224	271	316	366	430	541
20°	75	106	138	168	195	244	297	353	420	509	654
17.5°	85	116	149	182	216	266	325	391	475	585	799
15°	93	125	160	196	236	289	353	434	535	673	938
12.5°	101	133	171	209	253	309	378	466	586	783	1117
10°	108	140	181	222	268	327	399	493	626	862	1250
7.5°	114	148	191	235	282	342	418	514	662	925	1354
5°	119	158	199	244	291	355	433	531	693	970	1435
2.5°	124	166	206	252	299	365	444	547	722	1008	1503
0°	127	174	211	258	304	372	453	559	745	1034	1555
-2.5°	132	178	218	262	313	378	457	567	752	1037	1545
-5°	135	181	224	266	320	381	458	570	751	1029	1513
-7.5°	138	182	229	269	323	383	459	569	744	1012	1461
-10°	141	184	230	273	324	382	457	561	726	979	1383
-12.5°	144	186	231	274	324	380	451	549	698	929	1283
-15°	146	187	230	274	323	376	441	531	661	862	1159
-17.5°	146	187	230	272	320	370	428	510	627	803	1071
-20°	146	187	228	267	316	364	419	494	598	747	963

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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°	145	185	226	263	310	357	409	474	562	684	858
-25°	142	183	223	261	303	349	395	453	529	637	782
-27.5°	137	179	219	257	296	340	384	436	503	586	702
-30°	130	174	213	251	289	331	373	417	475	548	641
-32.5°	123	168	206	244	282	321	361	402	452	512	585
-35°	119	161	199	235	273	311	348	387	428	481	544
-37.5°	116	153	192	226	261	299	335	371	409	452	508
-40°	112	145	184	218	250	286	321	356	391	433	476
-42.5°	107	140	175	210	240	273	307	340	375	414	455
-45°	103	133	167	199	230	261	293	324	359	395	433
-47.5°	97	126	158	186	217	248	279	310	340	374	411
-50°	90	117	147	174	201	232	263	294	324	353	385
-52.5°	83	107	135	162	186	212	244	276	306	334	362
-55°	75	97	123	149	174	197	224	256	285	314	342
-57.5°	69	88	111	136	160	184	209	236	265	292	320
-60°	63	79	98	121	146	169	194	219	245	272	296
-62.5°	57	71	87	106	129	152	175	199	224	246	269
-65°	52	63	76	92	110	131	153	176	199	219	238
-67.5°	46	55	66	78	94	112	129	150	171	190	209
-70°	39	48	57	67	79	93	110	126	143	160	178
-72.5°	33	40	48	57	67	79	92	105	120	135	150
-75°	27	33	40	47	55	65	76	87	99	111	123
-77.5°	21	26	32	37	44	52	60	69	78	88	97
-80°	16	20	24	29	34	39	45	51	58	66	74
-82.5°	13	15	18	21	24	28	32	36	42	47	53
-85°	9	11	12	14	16	18	21	23	27	30	34
-87.5°	5	5	6	7	8	9	10	11	13	14	16
-90°	0	0	0	0	0	0	0	0	0	0	0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	2	2	2	2	3
60°	8	6	8	10	10	7	11	13	12	9	10
57.5°	22	23	27	31	35	37	40	43	45	47	48
55°	40	48	56	60	67	77	86	87	88	90	96
52.5°	64	73	77	85	98	106	110	118	125	133	140
50°	93	101	110	122	134	143	145	158	174	186	194
47.5°	122	132	149	170	181	190	203	220	237	255	269
45°	149	168	189	208	223	238	256	276	303	328	348
42.5°	180	201	223	245	260	287	317	341	380	414	435
40°	216	237	268	295	327	361	413	462	511	567	608
37.5°	259	291	335	378	427	476	570	666	744	854	915
35°	310	361	423	487	565	685	822	1007	1199	1360	1514
32.5°	370	435	521	635	765	958	1164	1505	1837	2169	2495
30°	429	523	655	812	1026	1331	1718	2245	2816	3316	3768
27.5°	507	641	812	1046	1411	1858	2573	3305	4032	4680	5147
25°	602	781	1023	1411	1937	2679	3637	4534	5387	6023	6559
22.5°	739	1007	1351	1845	2800	3831	4978	6107	7065	7867	8395
20°	909	1270	1846	2741	3865	5154	6631	7818	8998	9900	10706
17.5°	1149	1724	2537	3674	5017	6737	8257	9581	11079	12001	12823
15°	1364	2104	3263	4714	6287	8110	9902	11524	12970	13983	14902
12.5°	1637	2508	3840	5547	7267	9297	11160	12896	14313	15356	15998
10°	1882	2923	4417	6202	8128	10248	12179	13986	15358	16164	16637
7.5°	2079	3267	4884	6762	8795	10929	12970	14763	16076	16750	17073
5°	2232	3522	5250	7222	9333	11517	13599	15355	16461	17018	17198
2.5°	2347	3699	5496	7524	9697	11951	14077	15807	16750	17153	17212
0°	2424	3824	5656	7714	10008	12106	14335	16092	16989	17312	17343
-2.5°	2406	3779	5649	7645	9972	12176	14377	16110	17071	17504	17575
-5°	2357	3673	5462	7450	9689	11896	13995	15825	17004	17659	17949
-7.5°	2263	3489	5141	7076	9229	11439	13578	15478	16834	17756	18323
-10°	2102	3221	4731	6603	8725	10830	12946	14917	16377	17487	18278
-12.5°	1882	2856	4232	5933	8066	10032	12035	13924	15517	16886	17703
-15°	1655	2477	3713	5269	7126	9062	10913	12766	14339	15619	16638
-17.5°	1494	2145	3111	4473	6104	7941	9746	11449	12868	14071	15140
-20°	1290	1773	2538	3684	5119	6725	8454	9970	11237	12365	13386

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626996 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1127	1518	2071	2853	4142	5558	6973	8368	9560	10564	11436
-25°	979	1254	1686	2321	3160	4383	5575	6753	7853	8787	9572
-27.5°	863	1082	1370	1822	2459	3172	4217	5201	6147	7001	7741
-30°	758	922	1147	1430	1863	2393	3021	3757	4512	5185	5858
-32.5°	682	799	953	1163	1406	1785	2165	2661	3138	3630	4112
-35°	614	708	813	954	1120	1341	1592	1894	2150	2471	2768
-37.5°	567	633	714	803	922	1045	1215	1398	1557	1736	1887
-40°	529	581	635	695	777	860	969	1073	1173	1282	1364
-42.5°	496	538	577	623	672	739	812	876	937	1002	1055
-45°	471	502	533	569	606	654	706	755	794	830	859
-47.5°	443	471	499	527	558	593	628	658	691	719	739
-50°	416	444	469	493	520	548	575	600	623	644	656
-52.5°	390	419	443	466	489	511	534	556	576	595	603
-55°	370	396	422	441	461	480	500	521	540	558	563
-57.5°	348	375	399	418	435	453	471	490	509	525	531
-60°	323	351	372	390	408	427	444	461	478	493	499
-62.5°	293	318	338	355	371	386	405	424	442	456	465
-65°	257	279	298	315	331	346	364	381	397	409	419
-67.5°	226	243	259	274	289	305	321	337	352	363	371
-70°	195	211	225	240	253	267	280	294	307	316	324
-72.5°	165	178	191	204	216	228	240	251	262	271	278
-75°	136	148	159	169	180	189	198	207	216	223	229
-77.5°	107	117	126	135	144	152	159	166	172	178	184
-80°	82	89	96	103	110	115	121	126	131	136	140
-82.5°	59	63	68	73	77	81	85	89	92	96	99
-85°	37	40	43	45	47	50	52	55	57	59	61
-87.5°	18	19	20	21	22	24	25	26	27	28	29
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626996 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-MWR-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	0
62.5°	3	3	3	3	3	3	3	3	2	2	2
60°	10	9	9	9	9	9	10	10	9	12	13
57.5°	47	44	41	37	41	44	47	48	47	45	43
55°	101	107	109	109	109	107	101	96	90	88	87
52.5°	144	147	146	143	146	147	144	140	133	125	118
50°	197	197	196	193	196	197	197	194	186	174	158
47.5°	277	281	283	283	283	281	277	269	255	237	220
45°	355	359	361	360	361	359	355	348	328	303	276
42.5°	446	453	456	453	456	453	446	435	414	380	341
40°	633	641	637	627	637	641	633	608	567	511	462
37.5°	958	989	1002	1003	1002	989	958	915	854	744	666
35°	1653	1763	1814	1751	1814	1763	1653	1514	1360	1199	1007
32.5°	2760	2956	3067	3067	3067	2956	2760	2495	2169	1837	1505
30°	4110	4356	4494	4523	4494	4356	4110	3768	3316	2816	2245
27.5°	5510	5764	5896	5876	5896	5764	5510	5147	4680	4032	3305
25°	6914	7107	7217	7220	7217	7107	6914	6559	6023	5387	4534
22.5°	8989	9393	9560	9605	9560	9393	8989	8395	7867	7065	6107
20°	11251	11643	11896	11911	11896	11643	11251	10706	9900	8998	7818
17.5°	13406	13600	13636	13652	13636	13600	13406	12823	12001	11079	9581
15°	15437	15505	15685	15707	15685	15505	15437	14902	13983	12970	11524
12.5°	16402	16464	16433	16350	16433	16464	16402	15998	15356	14313	12896
10°	16928	16840	16709	16552	16709	16840	16928	16637	16164	15358	13986
7.5°	17047	16949	16718	16490	16718	16949	17047	17073	16750	16076	14763
5°	17103	16817	16525	16248	16525	16817	17103	17198	17018	16461	15355
2.5°	17070	16729	16329	16030	16329	16729	17070	17212	17153	16750	15807
0°	17179	16834	16415	16303	16415	16834	17179	17343	17312	16989	16092
-2.5°	17482	17203	16984	16924	16984	17203	17482	17575	17504	17071	16110
-5°	18028	17966	17594	17682	17594	17966	18028	17949	17659	17004	15825
-7.5°	18555	18467	18310	18514	18310	18467	18555	18323	17756	16834	15478
-10°	18695	18666	18740	18920	18740	18666	18695	18278	17487	16377	14917
-12.5°	18265	18490	18743	18933	18743	18490	18265	17703	16886	15517	13924
-15°	17308	17768	18145	18324	18145	17768	17308	16638	15619	14339	12766
-17.5°	15897	16462	16909	17036	16909	16462	15897	15140	14071	12868	11449
-20°	14160	14735	15141	15304	15141	14735	14160	13386	12365	11237	9970

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REPORT NUMBER: P626996 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12206	12767	13135	13330	13135	12767	12206	11436	10564	9560	8368
-25°	10223	10715	11043	11129	11043	10715	10223	9572	8787	7853	6753
-27.5°	8326	8722	8963	8990	8963	8722	8326	7741	7001	6147	5201
-30°	6418	6786	6995	7106	6995	6786	6418	5858	5185	4512	3757
-32.5°	4507	4799	4976	5023	4976	4799	4507	4112	3630	3138	2661
-35°	3005	3187	3299	3322	3299	3187	3005	2768	2471	2150	1894
-37.5°	2009	2098	2152	2179	2152	2098	2009	1887	1736	1557	1398
-40°	1424	1465	1488	1493	1488	1465	1424	1364	1282	1173	1073
-42.5°	1089	1110	1121	1124	1121	1110	1089	1055	1002	937	876
-45°	880	895	903	906	903	895	880	859	830	794	755
-47.5°	753	762	768	770	768	762	753	739	719	691	658
-50°	664	669	671	671	671	669	664	656	644	623	600
-52.5°	608	612	613	612	613	612	608	603	595	576	556
-55°	567	569	569	568	569	569	567	563	558	540	521
-57.5°	535	538	537	534	537	538	535	531	525	509	490
-60°	503	507	507	506	507	507	503	499	493	478	461
-62.5°	472	478	479	478	479	478	472	465	456	442	424
-65°	427	435	434	432	434	435	427	419	409	397	381
-67.5°	377	383	383	382	383	383	377	371	363	352	337
-70°	330	336	337	335	337	336	330	324	316	307	294
-72.5°	284	290	291	292	291	290	284	278	271	262	251
-75°	235	241	240	239	240	241	235	229	223	216	207
-77.5°	189	195	194	193	194	195	189	184	178	172	166
-80°	144	148	147	146	147	148	144	140	136	131	126
-82.5°	102	105	104	102	104	105	102	99	96	92	89
-85°	63	65	65	65	65	65	63	61	59	57	55
-87.5°	30	31	29	28	29	31	30	29	28	27	26
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626996 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-750-U-MWR-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°	0	0	0	0	0	0	0	0	0	0	1
62.5°	2	1	1	1	1	1	1	1	1	0	1
60°	11	7	10	10	8	6	8	7	3	3	2
57.5°	40	37	35	31	27	23	22	21	19	11	4
55°	86	77	67	60	56	48	40	35	32	26	17
52.5°	110	106	98	85	77	73	64	55	46	40	32
50°	145	143	134	122	110	101	93	80	68	58	47
47.5°	203	190	181	170	149	132	122	111	94	80	68
45°	256	238	223	208	189	168	149	134	119	103	89
42.5°	317	287	260	245	223	201	180	160	140	123	108
40°	413	361	327	295	268	237	216	193	168	144	128
37.5°	570	476	427	378	335	291	259	230	201	173	150
35°	822	685	565	487	423	361	310	273	238	206	175
32.5°	1164	958	765	635	521	435	370	321	274	237	205
30°	1718	1331	1026	812	655	523	429	365	310	266	233
27.5°	2573	1858	1411	1046	812	641	507	411	344	294	257
25°	3637	2679	1937	1411	1023	781	602	475	385	321	283
22.5°	4978	3831	2800	1845	1351	1007	739	541	430	366	316
20°	6631	5154	3865	2741	1846	1270	909	654	509	420	353
17.5°	8257	6737	5017	3674	2537	1724	1149	799	585	475	391
15°	9902	8110	6287	4714	3263	2104	1364	938	673	535	434
12.5°	11160	9297	7267	5547	3840	2508	1637	1117	783	586	466
10°	12179	10248	8128	6202	4417	2923	1882	1250	862	626	493
7.5°	12970	10929	8795	6762	4884	3267	2079	1354	925	662	514
5°	13599	11517	9333	7222	5250	3522	2232	1435	970	693	531
2.5°	14077	11951	9697	7524	5496	3699	2347	1503	1008	722	547
0°	14335	12106	10008	7714	5656	3824	2424	1555	1034	745	559
-2.5°	14377	12176	9972	7645	5649	3779	2406	1545	1037	752	567
-5°	13995	11896	9689	7450	5462	3673	2357	1513	1029	751	570
-7.5°	13578	11439	9229	7076	5141	3489	2263	1461	1012	744	569
-10°	12946	10830	8725	6603	4731	3221	2102	1383	979	726	561
-12.5°	12035	10032	8066	5933	4232	2856	1882	1283	929	698	549
-15°	10913	9062	7126	5269	3713	2477	1655	1159	862	661	531
-17.5°	9746	7941	6104	4473	3111	2145	1494	1071	803	627	510
-20°	8454	6725	5119	3684	2538	1773	1290	963	747	598	494

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REPORT NUMBER: P626996 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6973	5558	4142	2853	2071	1518	1127	858	684	562	474
-25°	5575	4383	3160	2321	1686	1254	979	782	637	529	453
-27.5°	4217	3172	2459	1822	1370	1082	863	702	586	503	436
-30°	3021	2393	1863	1430	1147	922	758	641	548	475	417
-32.5°	2165	1785	1406	1163	953	799	682	585	512	452	402
-35°	1592	1341	1120	954	813	708	614	544	481	428	387
-37.5°	1215	1045	922	803	714	633	567	508	452	409	371
-40°	969	860	777	695	635	581	529	476	433	391	356
-42.5°	812	739	672	623	577	538	496	455	414	375	340
-45°	706	654	606	569	533	502	471	433	395	359	324
-47.5°	628	593	558	527	499	471	443	411	374	340	310
-50°	575	548	520	493	469	444	416	385	353	324	294
-52.5°	534	511	489	466	443	419	390	362	334	306	276
-55°	500	480	461	441	422	396	370	342	314	285	256
-57.5°	471	453	435	418	399	375	348	320	292	265	236
-60°	444	427	408	390	372	351	323	296	272	245	219
-62.5°	405	386	371	355	338	318	293	269	246	224	199
-65°	364	346	331	315	298	279	257	238	219	199	176
-67.5°	321	305	289	274	259	243	226	209	190	171	150
-70°	280	267	253	240	225	211	195	178	160	143	126
-72.5°	240	228	216	204	191	178	165	150	135	120	105
-75°	198	189	180	169	159	148	136	123	111	99	87
-77.5°	159	152	144	135	126	117	107	97	88	78	69
-80°	121	115	110	103	96	89	82	74	66	58	51
-82.5°	85	81	77	73	68	63	59	53	47	42	36
-85°	52	50	47	45	43	40	37	34	30	27	23
-87.5°	25	24	22	21	20	19	18	16	14	13	11
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626996 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-MWR-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	1	1	1	0	0	0	0	0
65°	1	1	0	1	2	2	2	1	1	1	0
62.5°	2	2	2	1	2	2	3	2	2	1	1
60°	2	3	3	2	2	3	3	3	2	2	1
57.5°	4	3	4	3	3	3	3	3	3	3	2
55°	8	5	5	4	4	3	3	3	3	3	3
52.5°	21	12	7	6	5	3	4	3	3	3	3
50°	36	24	14	9	6	5	4	4	3	3	3
47.5°	53	39	25	14	9	6	5	4	3	3	4
45°	73	56	38	24	13	10	7	5	4	3	4
42.5°	95	75	54	34	23	15	8	6	5	3	4
40°	114	96	72	50	33	21	13	7	6	4	4
37.5°	133	116	92	66	43	30	19	9	7	5	4
35°	153	134	112	83	58	38	26	12	9	6	5
32.5°	173	152	128	101	72	46	33	18	11	7	5
30°	198	167	143	117	86	58	40	25	14	9	5
27.5°	223	183	157	131	100	70	47	31	17	10	6
25°	247	203	170	143	113	82	55	36	21	13	7
22.5°	271	224	183	155	126	94	65	42	26	15	8
20°	297	244	195	168	138	106	75	49	30	18	9
17.5°	325	266	216	182	149	116	85	56	33	20	10
15°	353	289	236	196	160	125	93	63	37	23	12
12.5°	378	309	253	209	171	133	101	69	40	26	14
10°	399	327	268	222	181	140	108	76	45	28	16
7.5°	418	342	282	235	191	148	114	80	50	30	18
5°	433	355	291	244	199	158	119	84	55	31	21
2.5°	444	365	299	252	206	166	124	88	60	33	23
0°	453	372	304	258	211	174	127	90	65	34	25
-2.5°	457	378	313	262	218	178	132	95	68	39	26
-5°	458	381	320	266	224	181	135	99	71	43	26
-7.5°	459	383	323	269	229	182	138	103	73	46	27
-10°	457	382	324	273	230	184	141	105	75	49	27
-12.5°	451	380	324	274	231	186	144	107	76	51	28
-15°	441	376	323	274	230	187	146	108	77	52	28
-17.5°	428	370	320	272	230	187	146	108	77	52	29
-20°	419	364	316	267	228	187	146	107	77	51	30

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REPORT NUMBER: P626996 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	409	357	310	263	226	185	145	104	76	50	31
-25°	395	349	303	261	223	183	142	100	74	49	31
-27.5°	384	340	296	257	219	179	137	98	72	48	31
-30°	373	331	289	251	213	174	130	95	70	47	31
-32.5°	361	321	282	244	206	168	123	91	68	47	30
-35°	348	311	273	235	199	161	119	87	66	46	29
-37.5°	335	299	261	226	192	153	116	85	64	44	29
-40°	321	286	250	218	184	145	112	84	61	41	27
-42.5°	307	273	240	210	175	140	107	81	58	39	26
-45°	293	261	230	199	167	133	103	77	54	37	25
-47.5°	279	248	217	186	158	126	97	72	50	35	24
-50°	263	232	201	174	147	117	90	67	48	34	23
-52.5°	244	212	186	162	135	107	83	61	46	32	22
-55°	224	197	174	149	123	97	75	57	43	31	21
-57.5°	209	184	160	136	111	88	69	53	40	29	20
-60°	194	169	146	121	98	79	63	49	37	27	19
-62.5°	175	152	129	106	87	71	57	45	34	25	18
-65°	153	131	110	92	76	63	52	41	31	23	16
-67.5°	129	112	94	78	66	55	46	36	27	20	15
-70°	110	93	79	67	57	48	39	31	23	18	13
-72.5°	92	79	67	57	48	40	33	26	20	15	11
-75°	76	65	55	47	40	33	27	21	16	12	10
-77.5°	60	52	44	37	32	26	21	16	13	11	9
-80°	45	39	34	29	24	20	16	13	11	9	8
-82.5°	32	28	24	21	18	15	13	11	9	8	6
-85°	21	18	16	14	12	11	9	8	6	5	4
-87.5°	10	9	8	7	6	5	5	4	3	3	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: P626996 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-MWR-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	1	1	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	0	1	1	1	0	0	0
62.5°	1	1	2	1	0	0	0
60°	1	1	2	1	0	0	0
57.5°	1	1	2	2	0	0	0
55°	2	1	2	2	0	0	0
52.5°	2	2	2	2	1	0	0
50°	3	2	2	3	1	0	0
47.5°	3	2	2	3	1	0	0
45°	3	3	2	3	1	0	0
42.5°	4	3	3	3	1	0	0
40°	4	3	3	3	2	0	0
37.5°	4	3	3	3	2	0	0
35°	5	3	3	3	2	0	0
32.5°	5	4	3	3	2	0	0
30°	5	4	3	3	2	0	0
27.5°	6	4	3	3	2	0	0
25°	6	5	3	3	3	0	0
22.5°	6	5	3	3	3	0	0
20°	6	5	3	3	3	0	0
17.5°	6	5	3	3	3	0	0
15°	7	6	3	3	3	0	0
12.5°	7	6	3	3	3	0	0
10°	8	6	3	3	3	0	0
7.5°	8	6	3	3	3	0	0
5°	8	6	3	3	3	0	0
2.5°	9	6	3	3	3	0	0
0°	9	6	3	3	3	0	0
-2.5°	11	7	3	3	3	0	0
-5°	12	7	4	3	3	0	0
-7.5°	14	7	4	3	3	0	0
-10°	15	7	4	3	3	0	0
-12.5°	16	8	4	3	3	0	0
-15°	17	8	4	3	3	0	0
-17.5°	17	8	5	3	3	0	0
-20°	18	8	5	3	3	0	0

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REPORT NUMBER: P626996 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)