

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: P626966 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-730-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626966 (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-730-U-MWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12031 lumens
Efficiency: N/A
Efficacy: 110.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 16855.2 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 8058.3 lumens
Beam Efficiency: 67.0%

Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 10844 lumens
Field Efficiency: 90.1%

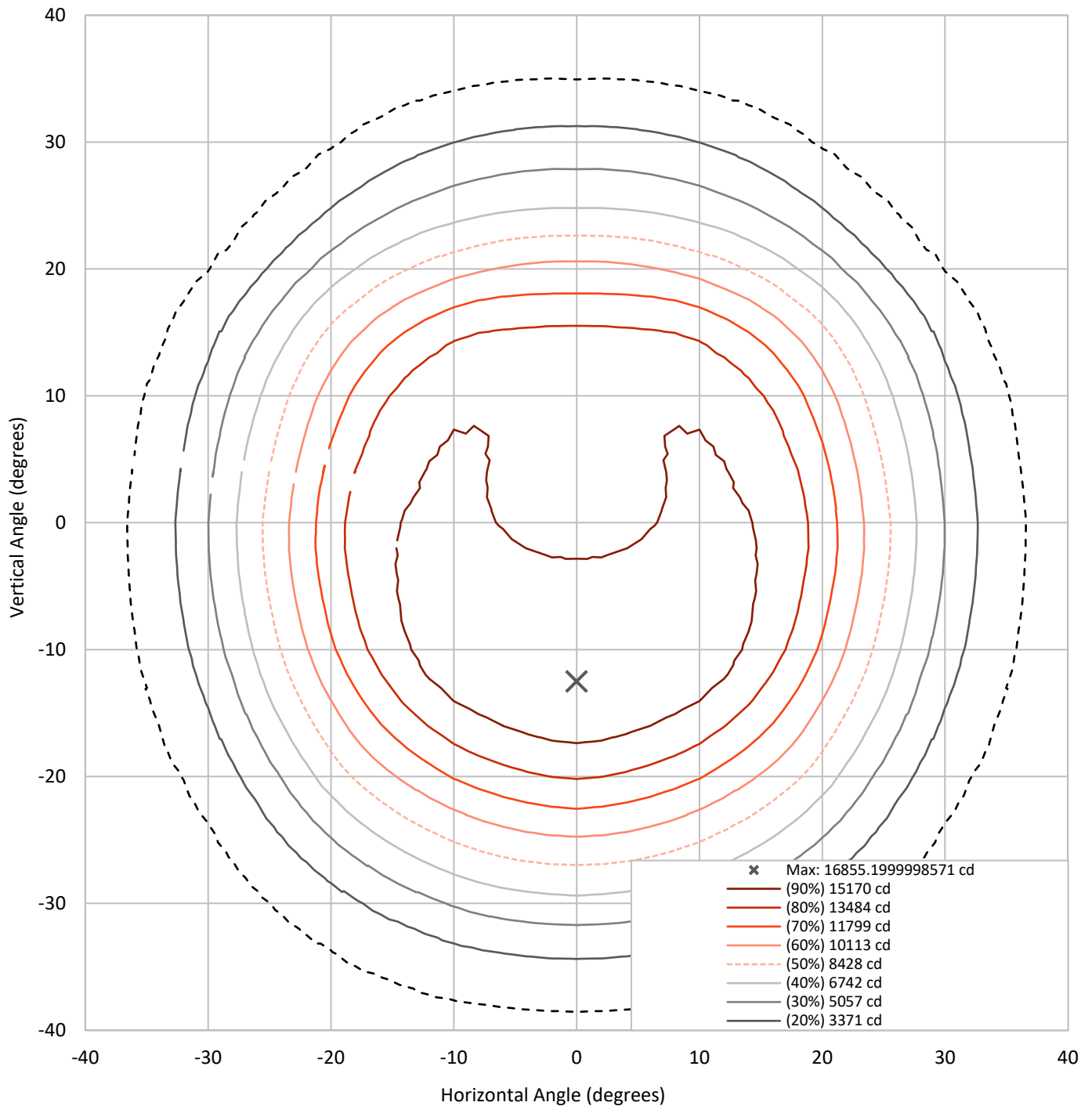
Input Watts (W): 108.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P626966 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-MWR-VSR-XX

Iso-Candela Plot





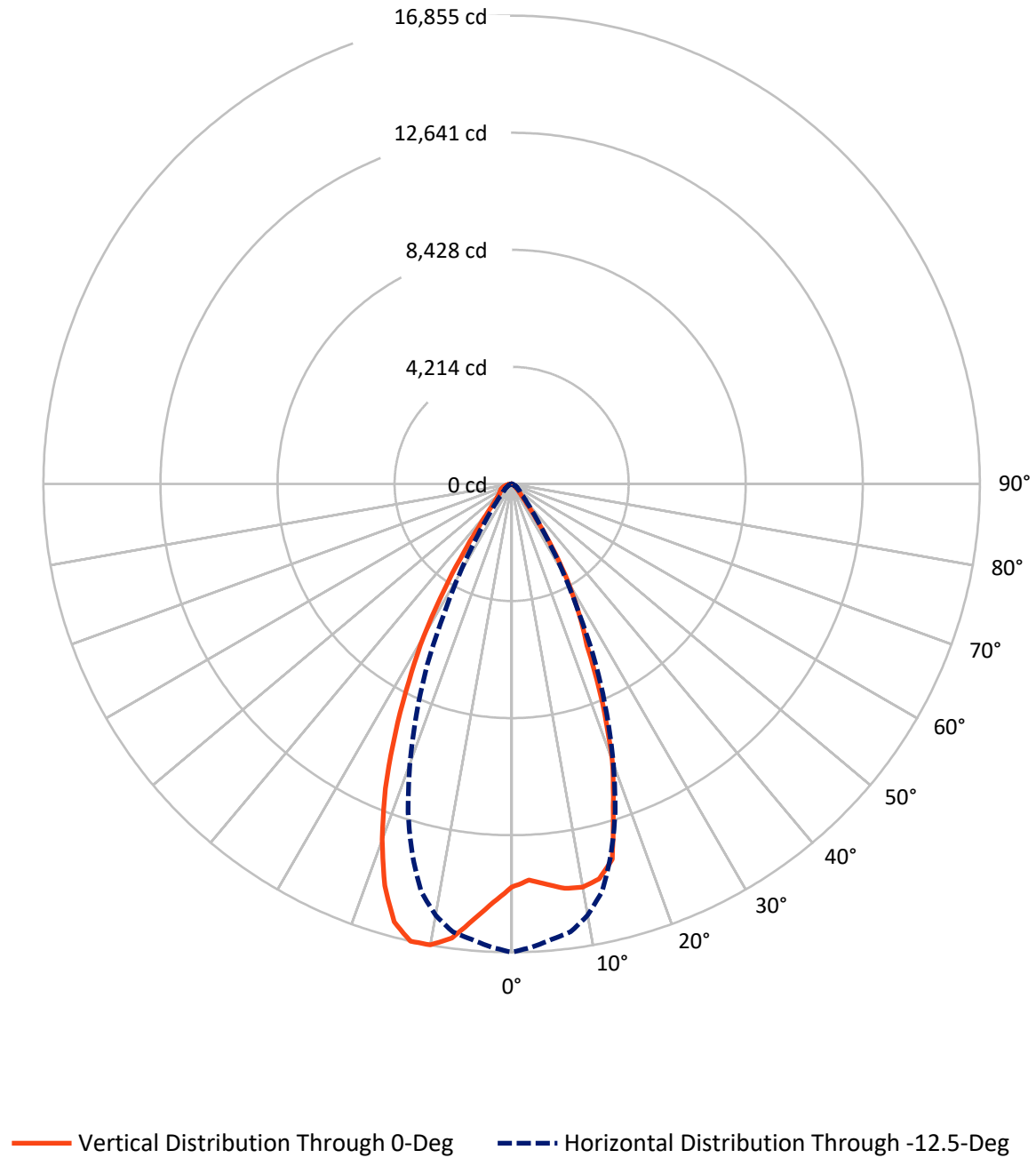
REPORT NUMBER: P626966 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.4	1.0	1.7	2.3	2.7	2.7	2.3	1.7	1.0	0.4	0.1		0.0			
40	0.1	0.1	0.5	1.7	3.4	5.5	8.2	10.1	10.1	8.2	5.5	3.4	1.7	0.5	0.1	0.1			
30		0.2	1.3	3.5	7.2	15.6	35.5	54.2	54.2	35.5	15.6	7.2	3.5	1.3	0.2				
20	0.1	0.5	2.2	5.6	15.1	55.9	144.0	201.3	201.3	144.0	55.9	15.1	5.6	2.2	0.5	0.1			
10		0.8	3.1	8.7	35.9	155.3	324.0	401.2	401.2	324.0	155.3	35.9	8.7	3.1	0.8				
0	0.2	1.0	3.9	11.2	57.2	228.7	417.7	452.9	452.9	417.7	228.7	57.2	11.2	3.9	1.0	0.2			
-10		1.2	4.3	12.0	59.8	236.2	432.8	480.7	480.7	432.8	236.2	59.8	12.0	4.3	1.2				
-20	0.3	1.3	4.3	10.9	42.8	175.9	365.1	466.2	466.2	365.1	175.9	42.8	10.9	4.3	1.3	0.3			
-30		1.3	4.1	9.1	23.9	85.3	203.4	286.3	286.3	203.4	85.3	23.9	9.1	4.1	1.3				
-40	0.3	1.1	3.7	7.5	14.3	30.4	63.6	94.3	94.3	63.6	30.4	14.3	7.5	3.7	1.1	0.3			
-50		0.9	3.1	6.3	10.4	15.4	21.7	25.7	25.7	21.7	15.4	10.4	6.3	3.1	0.9				
-60	0.2	0.7	2.3	4.9	8.2	11.4	14.2	15.5	15.5	14.2	11.4	8.2	4.9	2.3	0.7	0.2			
-70		0.5	1.5	3.4	5.8	8.1	10.3	11.5	11.5	10.3	8.1	5.8	3.4	1.5	0.5				
-80	0.1	1.3	6.1	12.9	16.5	12.9	6.1	1.3	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

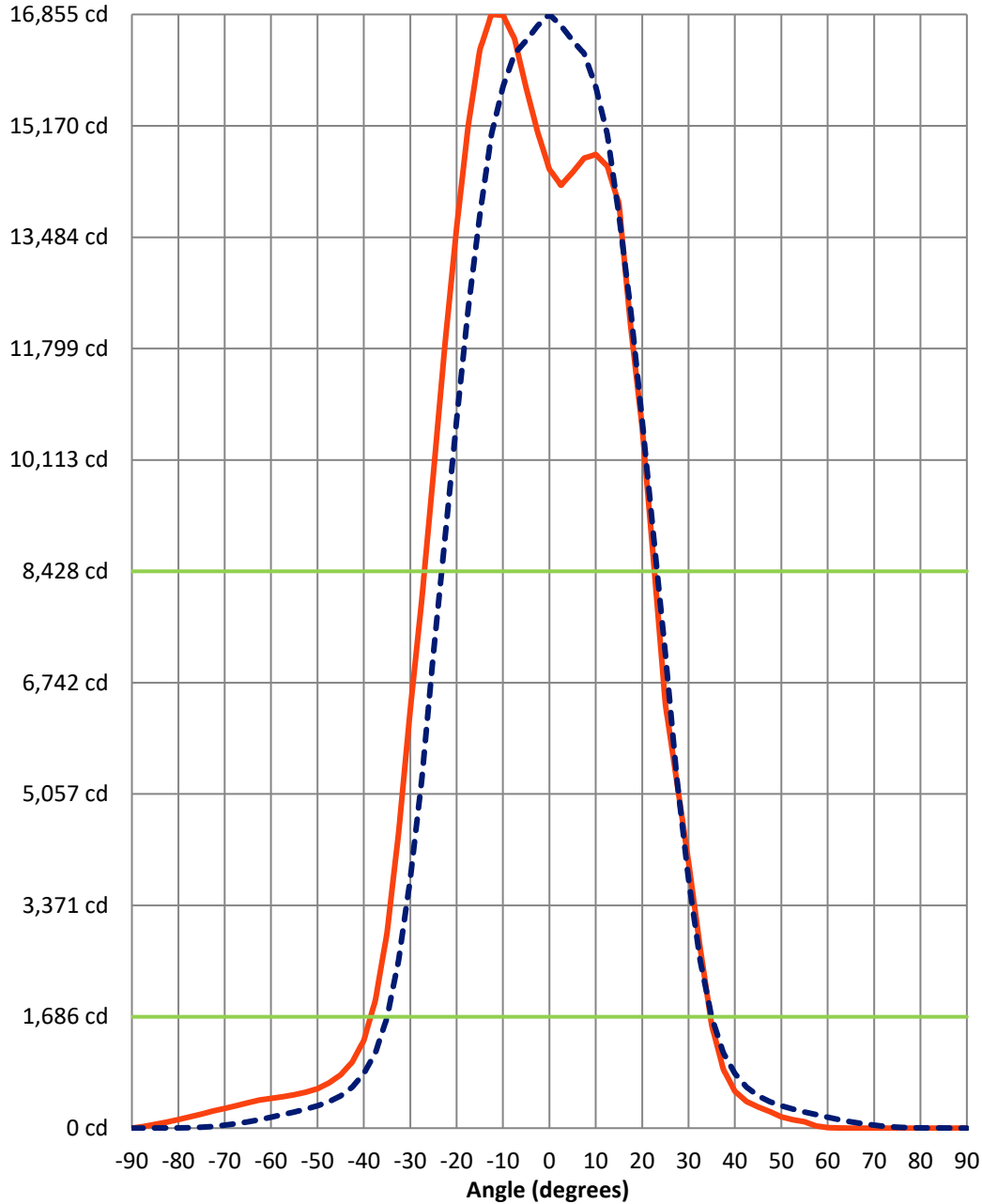
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 8058.3
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 10844
 Efficiency: 90.1%

Spill:
 Lumens: 1186.9
 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	1	1	0	1	1	1	2
60°	0	0	0	1	2	1	1	1	2	2	3
57.5°	0	0	0	1	2	1	1	2	2	2	3
55°	0	0	0	2	2	1	2	3	3	3	3
52.5°	0	0	1	2	2	1	2	3	3	3	3
50°	0	0	1	2	2	2	2	3	3	3	3
47.5°	0	0	1	3	2	2	3	3	3	3	4
45°	0	0	1	3	2	2	3	3	3	3	5
42.5°	0	0	1	3	2	2	3	4	3	4	6
40°	0	0	1	3	2	3	4	4	4	5	7
37.5°	0	0	2	3	3	3	4	4	4	6	8
35°	0	0	2	3	3	3	4	4	6	8	10
32.5°	0	0	2	3	3	3	5	4	7	10	16
30°	0	0	2	3	3	4	5	5	8	12	22
27.5°	0	0	2	3	3	4	5	5	9	15	27
25°	0	0	2	3	3	4	5	6	11	19	32
22.5°	0	0	2	3	3	4	5	7	13	23	38
20°	0	0	2	3	3	5	5	8	16	26	44
17.5°	0	0	3	3	3	5	6	9	18	30	50
15°	0	0	3	3	3	5	6	10	20	33	56
12.5°	0	0	3	3	3	5	6	12	23	35	62
10°	0	0	3	3	3	5	7	14	25	40	67
7.5°	0	0	3	3	3	5	7	16	27	45	72
5°	0	0	3	3	3	5	8	18	28	49	75
2.5°	0	0	3	3	3	5	8	20	29	54	78
0°	0	0	3	3	3	6	8	22	30	58	80
-2.5°	0	0	3	3	3	6	10	23	34	61	84
-5°	0	0	3	3	3	6	11	23	38	63	88
-7.5°	0	0	3	3	3	6	12	24	41	65	91
-10°	0	0	3	3	4	7	13	24	44	66	94
-12.5°	0	0	3	3	4	7	14	25	46	68	95
-15°	0	0	3	3	4	7	15	25	46	69	96
-17.5°	0	0	3	3	4	7	15	26	46	69	96
-20°	0	0	3	3	4	7	16	27	46	68	95

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REPORT NUMBER: P626966 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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	0	3	3	4	7	16	28	45	67	93
-25°	0	1	2	3	4	8	16	28	44	66	89
-27.5°	0	1	2	3	4	8	16	28	43	64	87
-30°	0	1	2	3	4	8	15	27	42	62	84
-32.5°	0	1	2	3	4	9	15	27	42	60	81
-35°	0	1	2	3	4	9	15	26	40	59	77
-37.5°	0	1	2	3	5	9	15	25	39	57	76
-40°	0	1	2	3	5	9	15	24	36	54	75
-42.5°	0	1	2	3	5	9	15	23	35	52	72
-45°	0	1	2	3	5	9	15	22	33	48	69
-47.5°	0	1	2	3	5	9	14	22	31	45	64
-50°	0	1	2	3	5	9	14	21	30	43	60
-52.5°	0	1	2	3	5	8	13	20	29	41	54
-55°	0	1	2	3	5	8	13	18	27	38	51
-57.5°	0	1	2	3	5	8	12	18	26	35	47
-60°	0	1	2	3	5	8	12	17	24	33	44
-62.5°	0	1	2	3	5	7	11	16	22	30	40
-65°	0	1	2	3	5	7	10	14	20	27	36
-67.5°	0	0	2	3	5	6	9	13	18	24	32
-70°	0	0	2	3	4	6	8	11	16	21	28
-72.5°	0	0	2	3	4	6	7	10	13	18	23
-75°	0	0	1	3	4	5	7	9	11	15	19
-77.5°	0	0	1	2	4	5	6	8	10	12	15
-80°	0	0	1	2	3	4	6	7	8	10	12
-82.5°	0	0	1	1	2	3	4	6	7	8	10
-85°	0	0	0	1	1	2	3	4	5	6	7
-87.5°	0	0	0	0	1	1	1	2	2	3	4
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626966 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-MWR-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	1	1	1	0	0	0	0	0	0	0
65°	1	2	1	1	0	1	1	1	0	0	0
62.5°	3	2	2	1	2	2	2	1	0	1	1
60°	3	2	2	2	3	3	2	2	2	3	7
57.5°	3	3	3	3	3	3	3	4	10	17	18
55°	3	3	3	4	4	5	7	15	23	28	31
52.5°	3	3	4	5	6	10	19	28	35	41	49
50°	4	4	6	8	12	22	32	42	52	61	71
47.5°	5	6	8	12	22	35	47	60	71	84	99
45°	6	9	12	21	34	49	65	80	91	106	119
42.5°	7	13	20	30	48	67	85	96	109	125	143
40°	11	19	29	44	64	86	102	114	128	150	172
37.5°	17	27	39	59	82	103	119	134	154	179	205
35°	23	34	51	74	100	119	137	156	183	212	243
32.5°	29	41	64	90	114	135	154	182	211	243	286
30°	35	51	76	104	127	149	176	208	236	276	325
27.5°	42	62	89	116	140	163	198	229	262	306	366
25°	49	73	101	127	152	180	220	252	286	343	423
22.5°	58	84	112	138	163	199	241	282	326	382	481
20°	67	94	123	150	174	218	264	314	374	453	582
17.5°	75	103	133	162	192	237	289	348	422	521	711
15°	83	111	143	174	210	257	314	386	477	599	835
12.5°	90	119	152	186	225	275	336	415	521	697	994
10°	96	125	161	198	239	291	355	439	558	768	1113
7.5°	102	132	170	209	251	304	372	458	590	823	1206
5°	106	140	177	217	259	316	385	473	617	864	1277
2.5°	110	148	183	224	266	325	396	487	643	897	1338
0°	113	155	188	229	271	332	403	497	663	920	1385
-2.5°	117	158	194	234	279	336	407	505	670	924	1375
-5°	120	161	200	237	285	339	408	508	669	916	1347
-7.5°	123	162	204	240	288	341	409	506	662	901	1301
-10°	125	164	205	243	289	340	406	500	646	871	1232
-12.5°	128	166	205	244	289	338	401	489	622	827	1142
-15°	130	167	205	244	287	335	392	473	589	767	1032
-17.5°	130	167	204	242	285	329	381	454	558	715	953
-20°	130	166	203	238	282	324	373	440	533	665	857

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CATALOG NUMBER: GFLD-SA2D-730-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	129	165	201	234	276	318	364	422	500	609	764
-25°	126	163	199	232	270	311	352	403	471	567	696
-27.5°	122	160	195	229	263	303	342	388	448	522	625
-30°	116	155	190	224	258	295	332	371	423	488	571
-32.5°	110	150	184	217	251	286	321	358	402	456	521
-35°	106	143	177	209	243	277	310	344	381	429	484
-37.5°	103	136	171	201	233	266	298	331	365	402	452
-40°	100	129	164	194	223	255	286	317	348	386	424
-42.5°	96	125	156	187	214	243	273	303	334	369	405
-45°	92	119	149	177	205	232	261	289	319	352	386
-47.5°	86	112	141	166	193	221	248	276	303	333	366
-50°	80	104	130	155	179	206	234	262	288	314	342
-52.5°	74	95	120	144	166	189	218	246	272	298	323
-55°	67	87	109	133	155	175	200	228	254	279	305
-57.5°	61	78	99	121	143	164	186	210	236	260	285
-60°	56	70	87	108	130	150	172	195	218	242	264
-62.5°	51	63	77	94	114	135	156	177	199	219	239
-65°	46	56	68	82	98	117	137	157	177	195	212
-67.5°	41	49	59	70	84	99	115	133	152	169	186
-70°	35	43	51	60	70	83	98	112	127	143	158
-72.5°	29	36	43	50	60	70	82	94	106	120	133
-75°	24	29	35	42	49	58	68	78	88	99	110
-77.5°	19	23	28	33	39	46	53	61	70	78	87
-80°	15	18	22	26	30	35	40	46	52	59	66
-82.5°	12	14	16	19	22	25	29	32	37	42	47
-85°	8	10	11	13	14	16	18	21	24	27	30
-87.5°	4	5	6	6	7	8	9	10	11	13	14
-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	1	2	2	2	2
60°	7	5	7	9	9	7	10	11	10	8	9
57.5°	19	21	24	28	31	33	35	38	40	41	43
55°	35	43	50	54	59	68	76	77	79	81	85
52.5°	57	65	69	76	87	95	98	105	112	118	124
50°	83	90	98	108	120	127	129	141	155	166	172
47.5°	108	118	133	151	161	169	181	196	211	227	240
45°	132	149	169	185	198	212	228	246	270	292	309
42.5°	160	179	198	218	232	255	283	304	338	368	387
40°	192	211	239	262	291	321	368	411	455	505	542
37.5°	230	259	299	337	380	424	508	593	663	761	815
35°	276	321	377	434	503	610	732	896	1068	1210	1348
32.5°	330	387	464	565	681	853	1036	1340	1635	1931	2221
30°	382	465	583	723	913	1185	1530	1999	2507	2952	3355
27.5°	452	570	723	931	1256	1654	2291	2942	3589	4167	4582
25°	536	695	911	1256	1725	2385	3238	4037	4796	5363	5840
22.5°	658	896	1202	1642	2493	3411	4432	5437	6290	7003	7474
20°	809	1131	1643	2440	3441	4589	5903	6960	8010	8813	9531
17.5°	1023	1535	2259	3271	4466	5997	7351	8529	9863	10684	11416
15°	1215	1873	2905	4196	5597	7220	8816	10259	11547	12449	13267
12.5°	1458	2233	3419	4938	6470	8277	9936	11481	12742	13671	14243
10°	1675	2602	3932	5521	7236	9123	10843	12452	13673	14391	14812
7.5°	1851	2908	4348	6020	7830	9730	11546	13143	14312	14912	15200
5°	1987	3135	4673	6429	8309	10253	12107	13670	14654	15151	15311
2.5°	2089	3294	4893	6698	8633	10640	12532	14073	14912	15270	15324
0°	2158	3405	5035	6867	8910	10778	12762	14326	15125	15413	15440
-2.5°	2142	3365	5029	6806	8878	10840	12799	14343	15197	15584	15646
-5°	2098	3270	4862	6632	8625	10591	12459	14089	15138	15721	15979
-7.5°	2014	3106	4577	6299	8216	10184	12088	13780	14987	15807	16313
-10°	1871	2867	4212	5878	7768	9642	11525	13280	14580	15568	16272
-12.5°	1676	2543	3767	5282	7181	8931	10714	12396	13815	15033	15760
-15°	1474	2205	3305	4691	6344	8068	9715	11365	12766	13905	14812
-17.5°	1330	1910	2770	3982	5434	7069	8677	10192	11456	12527	13479
-20°	1148	1579	2260	3279	4558	5987	7526	8876	10004	11008	11917

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P626966 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	1003	1352	1844	2540	3688	4948	6208	7450	8511	9405	10181
-25°	872	1116	1501	2067	2813	3902	4963	6012	6992	7823	8522
-27.5°	769	963	1219	1622	2189	2824	3754	4631	5473	6233	6892
-30°	675	820	1021	1273	1658	2130	2689	3345	4017	4616	5215
-32.5°	607	711	849	1036	1252	1589	1928	2369	2794	3231	3661
-35°	547	630	724	849	997	1194	1417	1686	1914	2200	2464
-37.5°	505	564	636	714	820	930	1081	1245	1386	1545	1679
-40°	471	517	565	619	691	766	863	955	1044	1142	1214
-42.5°	442	479	514	555	598	658	723	780	835	892	939
-45°	419	447	475	507	540	583	629	672	707	739	765
-47.5°	395	419	444	469	497	528	559	586	616	640	658
-50°	371	395	418	439	463	488	512	534	555	573	584
-52.5°	347	373	395	414	435	455	475	495	513	529	537
-55°	330	353	375	393	410	427	445	464	481	496	501
-57.5°	310	334	355	372	388	403	419	436	453	468	472
-60°	288	313	332	347	363	380	395	411	426	439	444
-62.5°	261	283	301	316	330	344	361	377	393	406	414
-65°	229	248	265	280	295	308	324	339	353	365	373
-67.5°	201	216	230	244	258	271	286	300	314	323	330
-70°	174	188	201	213	226	238	250	261	273	282	288
-72.5°	147	159	170	181	193	203	214	224	233	241	247
-75°	121	132	141	151	160	169	177	184	192	199	204
-77.5°	96	104	112	120	128	135	141	147	153	159	164
-80°	73	79	85	91	97	103	107	112	116	121	125
-82.5°	52	57	61	65	69	72	76	79	82	85	88
-85°	33	36	38	40	42	44	47	49	51	53	54
-87.5°	16	17	18	19	20	21	22	23	24	25	26
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626966 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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	2	2	2	2
60°	9	8	8	8	8	8	9	9	8	10	11
57.5°	42	39	36	33	36	39	42	43	41	40	38
55°	90	95	97	97	97	95	90	85	81	79	77
52.5°	128	131	130	127	130	131	128	124	118	112	105
50°	175	176	174	171	174	176	175	172	166	155	141
47.5°	246	250	252	252	252	250	246	240	227	211	196
45°	316	320	321	321	321	320	316	309	292	270	246
42.5°	397	404	406	404	406	404	397	387	368	338	304
40°	563	570	567	558	567	570	563	542	505	455	411
37.5°	853	881	892	893	892	881	853	815	761	663	593
35°	1471	1570	1615	1559	1615	1570	1471	1348	1210	1068	896
32.5°	2458	2632	2730	2730	2730	2632	2458	2221	1931	1635	1340
30°	3659	3878	4000	4027	4000	3878	3659	3355	2952	2507	1999
27.5°	4905	5131	5249	5232	5249	5131	4905	4582	4167	3589	2942
25°	6156	6327	6425	6428	6425	6327	6156	5840	5363	4796	4037
22.5°	8003	8363	8511	8551	8511	8363	8003	7474	7003	6290	5437
20°	10016	10365	10590	10604	10590	10365	10016	9531	8813	8010	6960
17.5°	11935	12108	12140	12154	12140	12108	11935	11416	10684	9863	8529
15°	13743	13804	13964	13984	13964	13804	13743	13267	12449	11547	10259
12.5°	14602	14658	14630	14556	14630	14658	14602	14243	13671	12742	11481
10°	15070	14992	14876	14736	14876	14992	15070	14812	14391	13673	12452
7.5°	15176	15089	14884	14680	14884	15089	15176	15200	14912	14312	13143
5°	15227	14971	14712	14465	14712	14971	15227	15311	15151	14654	13670
2.5°	15197	14893	14537	14271	14537	14893	15197	15324	15270	14912	14073
0°	15294	14987	14614	14514	14614	14987	15294	15440	15413	15125	14326
-2.5°	15564	15315	15120	15067	15120	15315	15564	15646	15584	15197	14343
-5°	16049	15995	15664	15741	15664	15995	16049	15979	15721	15138	14089
-7.5°	16519	16441	16301	16482	16301	16441	16519	16313	15807	14987	13780
-10°	16643	16618	16683	16844	16683	16618	16643	16272	15568	14580	13280
-12.5°	16261	16461	16686	16855	16686	16461	16261	15760	15033	13815	12396
-15°	15408	15818	16154	16313	16154	15818	15408	14812	13905	12766	11365
-17.5°	14153	14655	15053	15167	15053	14655	14153	13479	12527	11456	10192
-20°	12607	13118	13480	13624	13480	13118	12607	11917	11008	10004	8876

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REPORT NUMBER: P626966 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	10867	11366	11694	11867	11694	11366	10867	10181	9405	8511	7450
-25°	9101	9539	9831	9908	9831	9539	9101	8522	7823	6992	6012
-27.5°	7412	7765	7980	8003	7980	7765	7412	6892	6233	5473	4631
-30°	5713	6041	6227	6326	6227	6041	5713	5215	4616	4017	3345
-32.5°	4013	4273	4430	4472	4430	4273	4013	3661	3231	2794	2369
-35°	2675	2837	2937	2957	2937	2837	2675	2464	2200	1914	1686
-37.5°	1789	1868	1916	1940	1916	1868	1789	1679	1545	1386	1245
-40°	1267	1304	1325	1329	1325	1304	1267	1214	1142	1044	955
-42.5°	969	988	998	1000	998	988	969	939	892	835	780
-45°	783	796	804	807	804	796	783	765	739	707	672
-47.5°	670	679	684	685	684	679	670	658	640	616	586
-50°	591	596	598	597	598	596	591	584	573	555	534
-52.5°	541	545	546	544	546	545	541	537	529	513	495
-55°	505	507	507	506	507	507	505	501	496	481	464
-57.5°	476	479	478	475	478	479	476	472	468	453	436
-60°	448	452	452	451	452	452	448	444	439	426	411
-62.5°	420	426	427	426	427	426	420	414	406	393	377
-65°	380	387	387	384	387	387	380	373	365	353	339
-67.5°	336	341	341	340	341	341	336	330	323	314	300
-70°	294	299	300	299	300	299	294	288	282	273	261
-72.5°	253	258	259	260	259	258	253	247	241	233	224
-75°	210	214	214	213	214	214	210	204	199	192	184
-77.5°	169	173	173	171	173	173	169	164	159	153	147
-80°	128	132	131	130	131	132	128	125	121	116	112
-82.5°	91	94	93	91	93	94	91	88	85	82	79
-85°	56	58	58	58	58	58	56	54	53	51	49
-87.5°	27	27	26	25	26	27	27	26	25	24	23
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-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°	1	1	1	1	1	1	1	1	1	0	1
60°	10	7	9	9	7	5	7	7	3	2	2
57.5°	35	33	31	28	24	21	19	18	17	10	4
55°	76	68	59	54	50	43	35	31	28	23	15
52.5°	98	95	87	76	69	65	57	49	41	35	28
50°	129	127	120	108	98	90	83	71	61	52	42
47.5°	181	169	161	151	133	118	108	99	84	71	60
45°	228	212	198	185	169	149	132	119	106	91	80
42.5°	283	255	232	218	198	179	160	143	125	109	96
40°	368	321	291	262	239	211	192	172	150	128	114
37.5°	508	424	380	337	299	259	230	205	179	154	134
35°	732	610	503	434	377	321	276	243	212	183	156
32.5°	1036	853	681	565	464	387	330	286	243	211	182
30°	1530	1185	913	723	583	465	382	325	276	236	208
27.5°	2291	1654	1256	931	723	570	452	366	306	262	229
25°	3238	2385	1725	1256	911	695	536	423	343	286	252
22.5°	4432	3411	2493	1642	1202	896	658	481	382	326	282
20°	5903	4589	3441	2440	1643	1131	809	582	453	374	314
17.5°	7351	5997	4466	3271	2259	1535	1023	711	521	422	348
15°	8816	7220	5597	4196	2905	1873	1215	835	599	477	386
12.5°	9936	8277	6470	4938	3419	2233	1458	994	697	521	415
10°	10843	9123	7236	5521	3932	2602	1675	1113	768	558	439
7.5°	11546	9730	7830	6020	4348	2908	1851	1206	823	590	458
5°	12107	10253	8309	6429	4673	3135	1987	1277	864	617	473
2.5°	12532	10640	8633	6698	4893	3294	2089	1338	897	643	487
0°	12762	10778	8910	6867	5035	3405	2158	1385	920	663	497
-2.5°	12799	10840	8878	6806	5029	3365	2142	1375	924	670	505
-5°	12459	10591	8625	6632	4862	3270	2098	1347	916	669	508
-7.5°	12088	10184	8216	6299	4577	3106	2014	1301	901	662	506
-10°	11525	9642	7768	5878	4212	2867	1871	1232	871	646	500
-12.5°	10714	8931	7181	5282	3767	2543	1676	1142	827	622	489
-15°	9715	8068	6344	4691	3305	2205	1474	1032	767	589	473
-17.5°	8677	7069	5434	3982	2770	1910	1330	953	715	558	454
-20°	7526	5987	4558	3279	2260	1579	1148	857	665	533	440

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REPORT NUMBER: P626966 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	6208	4948	3688	2540	1844	1352	1003	764	609	500	422
-25°	4963	3902	2813	2067	1501	1116	872	696	567	471	403
-27.5°	3754	2824	2189	1622	1219	963	769	625	522	448	388
-30°	2689	2130	1658	1273	1021	820	675	571	488	423	371
-32.5°	1928	1589	1252	1036	849	711	607	521	456	402	358
-35°	1417	1194	997	849	724	630	547	484	429	381	344
-37.5°	1081	930	820	714	636	564	505	452	402	365	331
-40°	863	766	691	619	565	517	471	424	386	348	317
-42.5°	723	658	598	555	514	479	442	405	369	334	303
-45°	629	583	540	507	475	447	419	386	352	319	289
-47.5°	559	528	497	469	444	419	395	366	333	303	276
-50°	512	488	463	439	418	395	371	342	314	288	262
-52.5°	475	455	435	414	395	373	347	323	298	272	246
-55°	445	427	410	393	375	353	330	305	279	254	228
-57.5°	419	403	388	372	355	334	310	285	260	236	210
-60°	395	380	363	347	332	313	288	264	242	218	195
-62.5°	361	344	330	316	301	283	261	239	219	199	177
-65°	324	308	295	280	265	248	229	212	195	177	157
-67.5°	286	271	258	244	230	216	201	186	169	152	133
-70°	250	238	226	213	201	188	174	158	143	127	112
-72.5°	214	203	193	181	170	159	147	133	120	106	94
-75°	177	169	160	151	141	132	121	110	99	88	78
-77.5°	141	135	128	120	112	104	96	87	78	70	61
-80°	107	103	97	91	85	79	73	66	59	52	46
-82.5°	76	72	69	65	61	57	52	47	42	37	32
-85°	47	44	42	40	38	36	33	30	27	24	21
-87.5°	22	21	20	19	18	17	16	14	13	11	10
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626966 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	1	2	1	1	1	1	0
62.5°	2	2	2	1	2	2	3	2	1	1	1
60°	2	3	3	2	2	2	3	3	2	2	1
57.5°	3	3	3	3	3	3	3	3	2	2	2
55°	7	5	4	4	3	3	3	3	3	3	3
52.5°	19	10	6	5	4	3	3	3	3	3	3
50°	32	22	12	8	6	4	4	3	3	3	3
47.5°	47	35	22	12	8	6	5	4	3	3	3
45°	65	49	34	21	12	9	6	5	3	3	3
42.5°	85	67	48	30	20	13	7	6	4	3	4
40°	102	86	64	44	29	19	11	7	5	4	4
37.5°	119	103	82	59	39	27	17	8	6	4	4
35°	137	119	100	74	51	34	23	10	8	6	4
32.5°	154	135	114	90	64	41	29	16	10	7	4
30°	176	149	127	104	76	51	35	22	12	8	5
27.5°	198	163	140	116	89	62	42	27	15	9	5
25°	220	180	152	127	101	73	49	32	19	11	6
22.5°	241	199	163	138	112	84	58	38	23	13	7
20°	264	218	174	150	123	94	67	44	26	16	8
17.5°	289	237	192	162	133	103	75	50	30	18	9
15°	314	257	210	174	143	111	83	56	33	20	10
12.5°	336	275	225	186	152	119	90	62	35	23	12
10°	355	291	239	198	161	125	96	67	40	25	14
7.5°	372	304	251	209	170	132	102	72	45	27	16
5°	385	316	259	217	177	140	106	75	49	28	18
2.5°	396	325	266	224	183	148	110	78	54	29	20
0°	403	332	271	229	188	155	113	80	58	30	22
-2.5°	407	336	279	234	194	158	117	84	61	34	23
-5°	408	339	285	237	200	161	120	88	63	38	23
-7.5°	409	341	288	240	204	162	123	91	65	41	24
-10°	406	340	289	243	205	164	125	94	66	44	24
-12.5°	401	338	289	244	205	166	128	95	68	46	25
-15°	392	335	287	244	205	167	130	96	69	46	25
-17.5°	381	329	285	242	204	167	130	96	69	46	26
-20°	373	324	282	238	203	166	130	95	68	46	27

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REPORT NUMBER: P626966 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	364	318	276	234	201	165	129	93	67	45	28
-25°	352	311	270	232	199	163	126	89	66	44	28
-27.5°	342	303	263	229	195	160	122	87	64	43	28
-30°	332	295	258	224	190	155	116	84	62	42	27
-32.5°	321	286	251	217	184	150	110	81	60	42	27
-35°	310	277	243	209	177	143	106	77	59	40	26
-37.5°	298	266	233	201	171	136	103	76	57	39	25
-40°	286	255	223	194	164	129	100	75	54	36	24
-42.5°	273	243	214	187	156	125	96	72	52	35	23
-45°	261	232	205	177	149	119	92	69	48	33	22
-47.5°	248	221	193	166	141	112	86	64	45	31	22
-50°	234	206	179	155	130	104	80	60	43	30	21
-52.5°	218	189	166	144	120	95	74	54	41	29	20
-55°	200	175	155	133	109	87	67	51	38	27	18
-57.5°	186	164	143	121	99	78	61	47	35	26	18
-60°	172	150	130	108	87	70	56	44	33	24	17
-62.5°	156	135	114	94	77	63	51	40	30	22	16
-65°	137	117	98	82	68	56	46	36	27	20	14
-67.5°	115	99	84	70	59	49	41	32	24	18	13
-70°	98	83	70	60	51	43	35	28	21	16	11
-72.5°	82	70	60	50	43	36	29	23	18	13	10
-75°	68	58	49	42	35	29	24	19	15	11	9
-77.5°	53	46	39	33	28	23	19	15	12	10	8
-80°	40	35	30	26	22	18	15	12	10	8	7
-82.5°	29	25	22	19	16	14	12	10	8	7	6
-85°	18	16	14	13	11	10	8	7	6	5	4
-87.5°	9	8	7	6	6	5	4	4	3	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: P626966 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	0	1	1	1	0	0	0
60°	1	1	2	1	0	0	0
57.5°	1	1	2	1	0	0	0
55°	2	1	2	2	0	0	0
52.5°	2	1	2	2	1	0	0
50°	2	2	2	2	1	0	0
47.5°	3	2	2	3	1	0	0
45°	3	2	2	3	1	0	0
42.5°	3	2	2	3	1	0	0
40°	4	3	2	3	1	0	0
37.5°	4	3	3	3	2	0	0
35°	4	3	3	3	2	0	0
32.5°	5	3	3	3	2	0	0
30°	5	4	3	3	2	0	0
27.5°	5	4	3	3	2	0	0
25°	5	4	3	3	2	0	0
22.5°	5	4	3	3	2	0	0
20°	5	5	3	3	2	0	0
17.5°	6	5	3	3	3	0	0
15°	6	5	3	3	3	0	0
12.5°	6	5	3	3	3	0	0
10°	7	5	3	3	3	0	0
7.5°	7	5	3	3	3	0	0
5°	8	5	3	3	3	0	0
2.5°	8	5	3	3	3	0	0
0°	8	6	3	3	3	0	0
-2.5°	10	6	3	3	3	0	0
-5°	11	6	3	3	3	0	0
-7.5°	12	6	3	3	3	0	0
-10°	13	7	4	3	3	0	0
-12.5°	14	7	4	3	3	0	0
-15°	15	7	4	3	3	0	0
-17.5°	15	7	4	3	3	0	0
-20°	16	7	4	3	3	0	0

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REPORT NUMBER: P626966 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)