

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: P626926 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-740-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626926 (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-SA2C-740-U-MWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10996.4 lumens
Efficiency: N/A
Efficacy: 133.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 15405.8 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 7365.4 lumens
Beam Efficiency: 67.0%

Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 9916.8 lumens
Field Efficiency: 90.2%

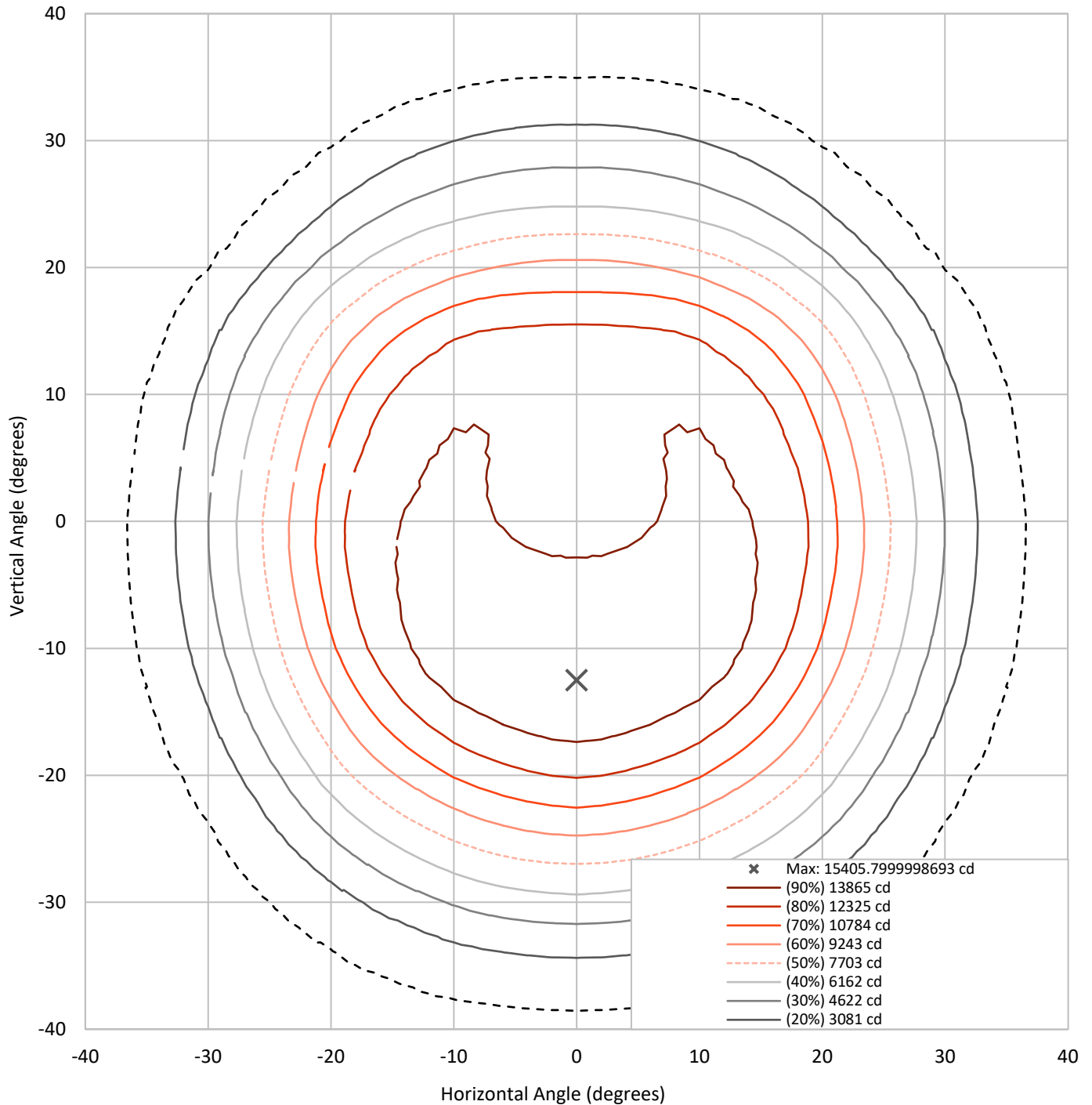
Input Watts (W): 82.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P626926 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-U-MWR-VSR-XX

Iso-Candela Plot





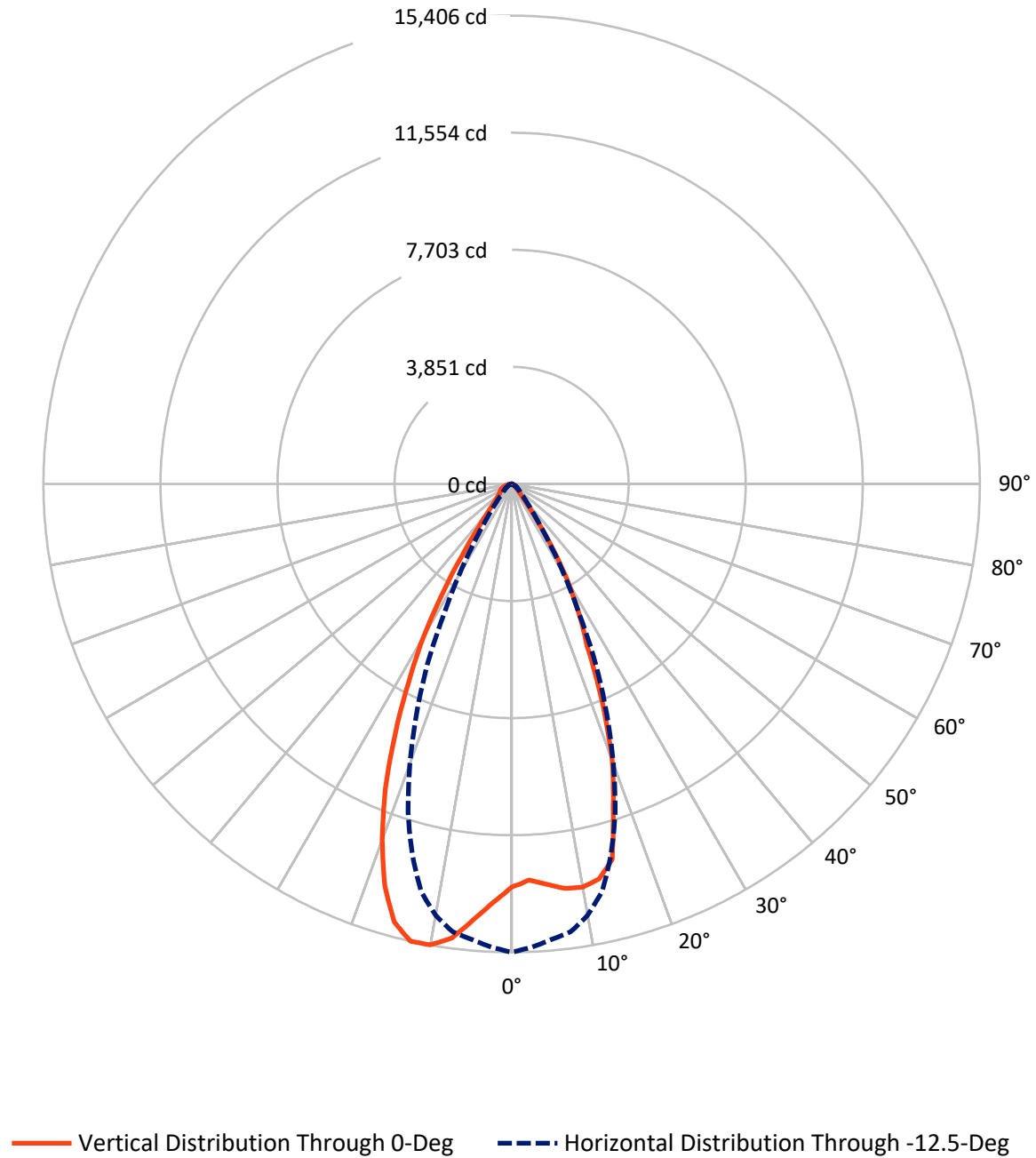
REPORT NUMBER: P626926 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0					
70																			
60	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				
50		0.0	0.1	0.4	0.9	1.5	2.1	2.4	2.4	2.1	1.5	0.9	0.4	0.1		0.0			
40	0.1	0.1	0.4	1.6	3.1	5.1	7.5	9.2	9.2	7.5	5.1	3.1	1.6	0.4	0.1	0.1			
30		0.2	1.2	3.2	6.6	14.3	32.5	49.6	49.6	32.5	14.3	6.6	3.2	1.2	0.2				
20	0.1	0.4	2.0	5.1	13.8	51.1	131.6	184.0	184.0	131.6	51.1	13.8	5.1	2.0	0.4	0.1			
10		0.7	2.9	7.9	32.8	142.0	296.1	366.7	366.7	296.1	142.0	32.8	7.9	2.9	0.7				
0	0.2	1.0	3.5	10.2	52.3	209.0	381.8	413.9	413.9	381.8	209.0	52.3	10.2	3.5	1.0	0.2			
-10		1.1	3.9	11.0	54.7	215.9	395.6	439.3	439.3	395.6	215.9	54.7	11.0	3.9	1.1				
-20	0.3	1.2	4.0	10.0	39.1	160.7	333.7	426.1	426.1	333.7	160.7	39.1	10.0	4.0	1.2	0.3			
-30		1.2	3.8	8.3	21.9	78.0	185.9	261.7	261.7	185.9	78.0	21.9	8.3	3.8	1.2				
-40	0.3	1.0	3.4	6.9	13.1	27.8	58.1	86.2	86.2	58.1	27.8	13.1	6.9	3.4	1.0	0.3			
-50		0.9	2.8	5.7	9.5	14.1	19.8	23.5	23.5	19.8	14.1	9.5	5.7	2.8	0.9				
-60	0.2	0.6	2.1	4.5	7.5	10.4	13.0	14.2	14.2	13.0	10.4	7.5	4.5	2.1	0.6	0.2			
-70		0.4	1.4	3.1	5.3	7.4	9.4	10.5	10.5	9.4	7.4	5.3	3.1	1.4	0.4				
-80	0.1	1.2		5.5		11.8		15.1		11.8		5.5		1.2	0.1				
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

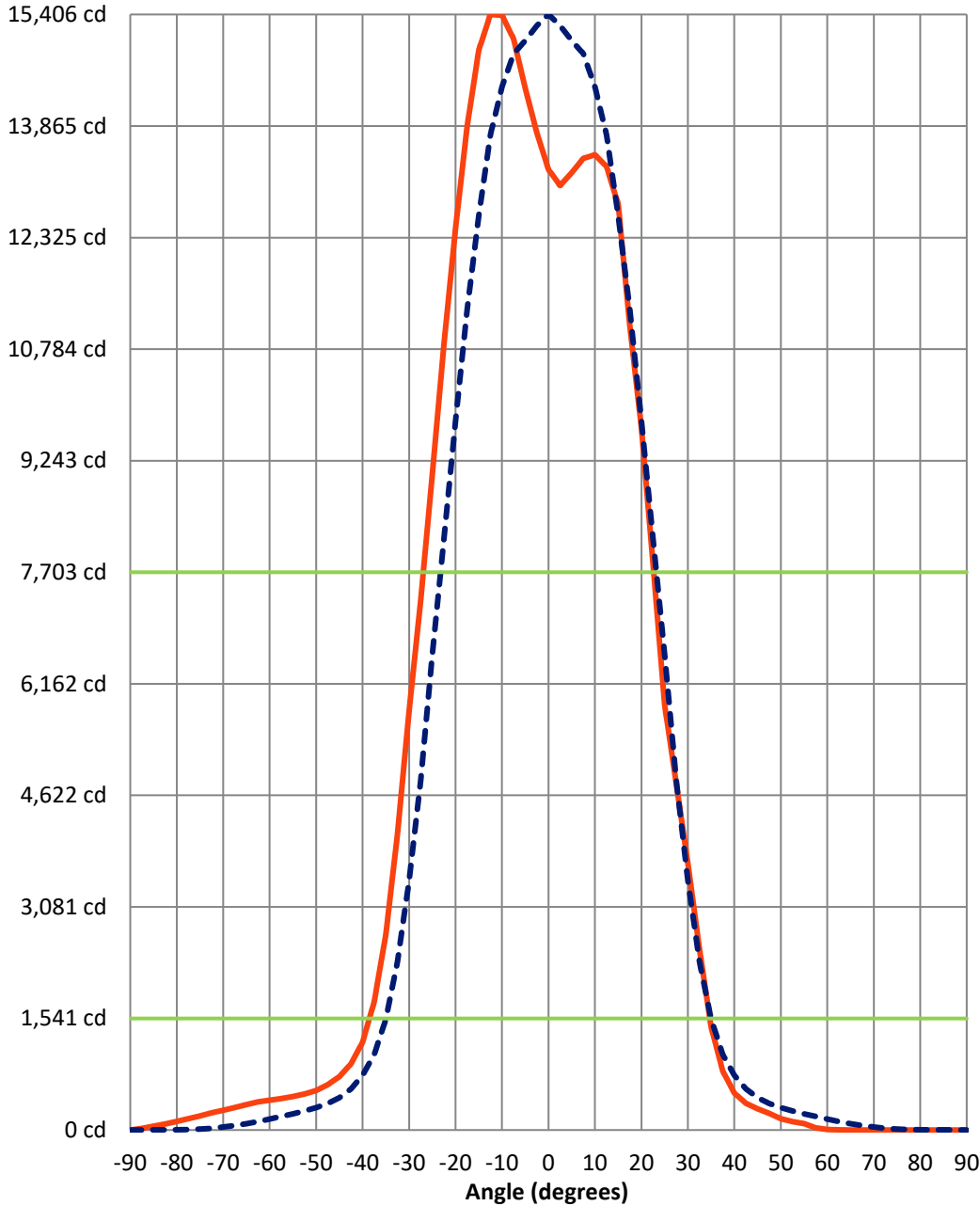
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 7365.4
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 9916.8
 Efficiency: 90.2%

Spill:
 Lumens: 1079.6
 Efficiency: 9.8%

— 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	0	1	1	2
60°	0	0	0	1	2	1	0	1	2	2	2
57.5°	0	0	0	1	2	1	1	2	2	2	3
55°	0	0	0	2	2	1	1	2	2	3	3
52.5°	0	0	1	2	2	1	2	3	2	3	3
50°	0	0	1	2	2	2	2	3	3	3	3
47.5°	0	0	1	2	2	2	3	3	3	3	3
45°	0	0	1	2	2	2	3	3	3	3	4
42.5°	0	0	1	2	2	2	3	3	3	4	5
40°	0	0	1	3	2	2	3	3	3	5	6
37.5°	0	0	1	3	2	2	4	4	4	6	7
35°	0	0	2	3	2	3	4	4	5	7	9
32.5°	0	0	2	3	2	3	4	4	6	9	15
30°	0	0	2	3	2	3	4	4	7	11	20
27.5°	0	0	2	3	3	4	5	5	8	13	25
25°	0	0	2	3	3	4	5	6	10	17	29
22.5°	0	0	2	3	3	4	5	7	12	21	35
20°	0	0	2	3	3	4	5	7	14	24	40
17.5°	0	0	2	3	3	4	5	8	16	27	45
15°	0	0	2	3	3	5	6	9	19	30	51
12.5°	0	0	2	3	3	5	6	11	21	32	56
10°	0	0	2	3	3	5	6	13	23	36	61
7.5°	0	0	2	3	3	5	7	15	24	41	66
5°	0	0	2	3	3	5	7	17	26	45	69
2.5°	0	0	2	3	3	5	7	19	27	49	71
0°	0	0	3	3	3	5	8	20	28	53	73
-2.5°	0	0	2	3	3	5	9	21	31	55	77
-5°	0	0	2	3	3	6	10	22	35	57	81
-7.5°	0	0	2	3	3	6	11	22	38	59	83
-10°	0	0	2	3	3	6	12	22	40	61	86
-12.5°	0	0	2	3	4	6	13	23	42	62	87
-15°	0	0	2	3	4	6	14	23	42	63	88
-17.5°	0	0	2	3	4	6	14	24	42	63	88
-20°	0	0	2	3	4	6	14	25	42	62	87

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REPORT NUMBER: P626926 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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	2	3	4	7	15	25	41	62	85
-25°	0	0	2	3	4	7	14	26	40	60	81
-27.5°	0	1	2	3	4	7	14	26	39	59	80
-30°	0	1	2	3	4	8	14	25	39	57	77
-32.5°	0	1	2	3	4	8	14	25	38	55	74
-35°	0	1	2	3	4	8	14	24	37	54	70
-37.5°	0	1	2	3	4	8	14	23	35	52	69
-40°	0	1	2	3	4	8	14	22	33	50	68
-42.5°	0	1	2	3	4	8	14	21	32	47	66
-45°	0	1	2	3	4	8	14	20	30	44	63
-47.5°	0	1	2	3	5	8	13	20	29	41	59
-50°	0	1	2	3	5	8	13	19	27	39	54
-52.5°	0	1	2	3	5	8	12	18	26	37	50
-55°	0	1	2	3	5	7	12	17	25	35	47
-57.5°	0	1	2	3	5	7	11	16	23	32	43
-60°	0	1	2	3	4	7	11	15	22	30	40
-62.5°	0	1	2	3	4	7	10	14	20	28	37
-65°	0	0	2	3	4	6	9	13	18	25	33
-67.5°	0	0	2	3	4	6	8	12	16	22	29
-70°	0	0	2	3	4	5	7	10	14	19	25
-72.5°	0	0	1	3	4	5	7	9	12	16	21
-75°	0	0	1	2	4	5	6	8	10	13	17
-77.5°	0	0	1	2	3	5	6	7	9	11	13
-80°	0	0	1	2	3	4	5	6	8	9	11
-82.5°	0	0	1	1	2	3	4	5	6	8	9
-85°	0	0	0	1	1	2	3	3	4	5	6
-87.5°	0	0	0	0	1	1	1	2	2	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626926 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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°	2	2	1	1	1	2	1	1	0	1	1
60°	3	2	2	2	3	2	2	2	2	2	6
57.5°	3	2	2	3	3	3	3	4	9	15	17
55°	3	2	3	3	4	4	7	14	21	26	28
52.5°	3	3	4	5	6	10	17	26	32	38	44
50°	3	4	5	7	11	20	29	39	47	55	65
47.5°	4	5	8	11	20	32	43	55	65	76	90
45°	5	8	11	20	31	45	60	73	83	97	109
42.5°	6	12	18	28	44	61	77	88	100	114	131
40°	11	17	27	41	58	78	93	104	117	137	157
37.5°	16	24	35	54	75	94	108	122	141	164	187
35°	21	31	47	68	91	109	125	142	167	194	222
32.5°	27	37	58	82	104	123	141	167	193	223	261
30°	32	47	70	95	116	136	161	190	216	252	297
27.5°	38	57	81	106	128	149	181	209	239	280	334
25°	45	67	92	116	139	165	201	230	261	313	386
22.5°	53	77	103	126	149	182	220	257	298	350	440
20°	61	86	112	137	159	199	242	287	342	414	532
17.5°	69	94	121	148	176	216	264	318	386	476	650
15°	76	102	130	159	192	235	287	353	436	547	763
12.5°	82	108	139	170	206	251	307	379	476	637	909
10°	88	114	147	181	218	266	325	401	510	702	1017
7.5°	93	121	155	191	229	278	340	419	539	752	1102
5°	97	128	162	199	237	289	352	432	564	789	1167
2.5°	101	135	167	205	243	297	362	445	588	820	1223
0°	104	141	172	210	247	303	369	455	606	841	1265
-2.5°	107	145	178	214	255	307	372	462	612	844	1257
-5°	110	147	183	217	260	310	373	464	611	837	1231
-7.5°	112	148	186	219	263	311	373	463	605	824	1189
-10°	114	150	188	222	264	311	371	457	591	796	1126
-12.5°	117	151	188	223	264	309	367	447	568	756	1044
-15°	118	152	188	223	262	306	359	432	538	701	943
-17.5°	119	152	187	221	260	301	348	415	510	654	871
-20°	119	152	186	217	257	296	341	402	487	608	783

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CATALOG NUMBER: GFLD-SA2C-740-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°	118	151	184	214	252	291	333	386	457	557	698
-25°	115	149	182	212	247	284	322	369	431	519	636
-27.5°	111	146	178	209	241	277	312	355	409	477	571
-30°	106	142	173	204	236	269	303	339	387	446	522
-32.5°	100	137	168	198	229	262	294	327	368	417	476
-35°	97	131	162	191	222	253	284	315	348	392	442
-37.5°	94	125	156	184	213	243	273	302	333	367	413
-40°	91	118	150	177	203	233	261	289	318	352	388
-42.5°	87	114	143	170	195	223	250	277	305	337	370
-45°	84	108	136	162	187	212	239	264	292	322	352
-47.5°	79	102	128	151	176	202	227	252	277	305	334
-50°	73	95	119	141	163	189	214	239	263	287	313
-52.5°	67	87	110	131	152	173	199	224	249	272	295
-55°	61	79	100	121	141	160	182	208	232	255	279
-57.5°	56	71	90	110	130	150	170	192	216	238	261
-60°	51	64	80	99	119	138	158	178	199	221	241
-62.5°	47	58	71	86	105	124	142	162	182	200	219
-65°	42	51	62	75	89	107	125	143	162	178	194
-67.5°	37	45	54	64	76	91	105	122	139	155	170
-70°	32	39	47	55	64	76	89	103	116	130	145
-72.5°	27	33	39	46	54	64	75	86	97	110	122
-75°	22	27	32	38	45	53	62	71	80	90	100
-77.5°	17	21	26	30	36	42	49	56	64	72	79
-80°	13	16	20	23	28	32	37	42	48	54	60
-82.5°	11	12	15	17	20	23	26	30	34	39	43
-85°	8	9	10	12	13	15	17	19	22	24	27
-87.5°	4	4	5	6	7	7	8	9	10	12	13
-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	6	8	8	6	9	10	9	8	8
57.5°	18	19	22	26	28	30	32	35	37	38	39
55°	32	39	46	49	54	63	70	70	72	74	78
52.5°	52	60	63	69	80	86	90	96	102	108	114
50°	75	82	90	99	109	116	118	129	141	151	158
47.5°	99	108	121	139	147	155	165	179	193	208	219
45°	121	136	154	169	181	194	208	225	247	267	283
42.5°	146	163	181	199	212	233	258	278	309	337	354
40°	175	193	218	240	266	294	336	376	416	461	495
37.5°	210	237	273	308	347	388	464	542	606	695	745
35°	253	294	345	396	460	557	669	819	976	1106	1232
32.5°	301	354	424	517	623	780	947	1224	1495	1765	2030
30°	349	425	533	660	835	1083	1398	1827	2291	2698	3066
27.5°	413	521	661	851	1148	1512	2094	2689	3281	3809	4188
25°	490	635	832	1148	1576	2180	2960	3690	4384	4901	5337
22.5°	602	819	1099	1501	2278	3117	4051	4969	5749	6401	6831
20°	739	1034	1502	2231	3145	4194	5395	6361	7322	8056	8711
17.5°	935	1403	2064	2990	4082	5482	6719	7796	9015	9765	10434
15°	1110	1712	2655	3836	5116	6599	8058	9377	10554	11378	12126
12.5°	1332	2041	3125	4514	5913	7565	9081	10494	11647	12495	13018
10°	1531	2378	3594	5046	6614	8339	9910	11381	12497	13153	13538
7.5°	1692	2658	3974	5502	7157	8893	10554	12013	13081	13630	13893
5°	1816	2866	4272	5876	7595	9372	11066	12494	13394	13848	13995
2.5°	1910	3010	4472	6122	7890	9725	11455	12862	13630	13957	14006
0°	1973	3112	4602	6277	8144	9851	11665	13095	13825	14087	14112
-2.5°	1958	3075	4597	6221	8115	9908	11698	13109	13891	14244	14301
-5°	1918	2989	4444	6062	7884	9680	11388	12877	13836	14369	14605
-7.5°	1841	2839	4183	5758	7510	9308	11049	12595	13698	14448	14910
-10°	1710	2621	3850	5373	7100	8813	10534	12139	13327	14229	14873
-12.5°	1532	2324	3443	4828	6564	8163	9793	11330	12627	13740	14405
-15°	1347	2016	3021	4287	5799	7374	8880	10388	11668	12709	13539
-17.5°	1216	1745	2532	3640	4967	6461	7931	9316	10471	11450	12320
-20°	1049	1443	2065	2997	4166	5472	6879	8112	9144	10062	10893

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P626926 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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°	917	1236	1685	2321	3371	4523	5674	6809	7779	8596	9306
-25°	797	1020	1372	1889	2571	3567	4536	5495	6390	7150	7789
-27.5°	702	880	1115	1483	2001	2581	3431	4232	5002	5697	6299
-30°	617	750	933	1163	1516	1947	2458	3057	3671	4219	4767
-32.5°	555	650	776	947	1144	1453	1762	2165	2554	2953	3346
-35°	500	576	662	776	911	1092	1295	1541	1749	2011	2252
-37.5°	462	515	581	653	750	850	988	1138	1267	1412	1535
-40°	430	472	517	565	632	700	789	873	955	1043	1110
-42.5°	404	438	470	507	547	601	661	713	763	815	858
-45°	383	408	434	463	493	533	575	614	646	675	699
-47.5°	361	383	406	429	454	483	511	536	563	585	602
-50°	339	361	382	401	423	446	468	488	507	524	534
-52.5°	317	341	361	379	398	416	434	452	469	484	491
-55°	301	323	343	359	375	391	407	424	439	454	458
-57.5°	283	305	325	340	354	368	383	399	414	428	432
-60°	263	286	303	317	332	347	361	375	389	401	406
-62.5°	238	259	275	289	302	314	330	345	359	371	378
-65°	209	227	242	256	269	281	296	310	323	333	341
-67.5°	184	198	211	223	235	248	261	274	287	296	302
-70°	159	172	183	195	206	217	228	239	250	257	263
-72.5°	134	145	155	166	176	186	195	204	213	220	226
-75°	111	120	129	138	146	154	161	169	176	182	187
-77.5°	87	95	103	110	117	124	129	135	140	145	150
-80°	67	72	78	84	89	94	98	102	106	110	114
-82.5°	48	52	55	59	63	66	69	72	75	78	81
-85°	30	33	35	37	39	41	43	44	46	48	50
-87.5°	14	15	16	17	18	19	20	21	22	23	24
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626926 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-740-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°	2	2	2	2	2	2	2	2	2	2	2
60°	8	8	8	8	8	8	8	8	8	9	10
57.5°	38	35	33	30	33	35	38	39	38	37	35
55°	83	87	89	88	89	87	83	78	74	72	70
52.5°	117	119	119	116	119	119	117	114	108	102	96
50°	160	161	159	157	159	161	160	158	151	141	129
47.5°	225	229	230	230	230	229	225	219	208	193	179
45°	289	292	293	293	293	292	289	283	267	247	225
42.5°	363	369	371	369	371	369	363	354	337	309	278
40°	515	521	518	510	518	521	515	495	461	416	376
37.5°	780	805	816	816	816	805	780	745	695	606	542
35°	1345	1435	1476	1425	1476	1435	1345	1232	1106	976	819
32.5°	2246	2406	2496	2496	2496	2406	2246	2030	1765	1495	1224
30°	3344	3544	3656	3680	3656	3544	3344	3066	2698	2291	1827
27.5°	4484	4690	4797	4782	4797	4690	4484	4188	3809	3281	2689
25°	5626	5783	5873	5875	5873	5783	5626	5337	4901	4384	3690
22.5°	7315	7644	7779	7815	7779	7644	7315	6831	6401	5749	4969
20°	9155	9474	9680	9692	9680	9474	9155	8711	8056	7322	6361
17.5°	10909	11067	11096	11109	11096	11067	10909	10434	9765	9015	7796
15°	12561	12617	12763	12781	12763	12617	12561	12126	11378	10554	9377
12.5°	13347	13397	13372	13304	13372	13397	13347	13018	12495	11647	10494
10°	13774	13703	13596	13468	13596	13703	13774	13538	13153	12497	11381
7.5°	13871	13792	13604	13418	13604	13792	13871	13893	13630	13081	12013
5°	13917	13684	13447	13221	13447	13684	13917	13995	13848	13394	12494
2.5°	13890	13613	13287	13044	13287	13613	13890	14006	13957	13630	12862
0°	13979	13698	13357	13266	13357	13698	13979	14112	14087	13825	13095
-2.5°	14225	13998	13820	13771	13820	13998	14225	14301	14244	13891	13109
-5°	14669	14619	14317	14388	14317	14619	14669	14605	14369	13836	12877
-7.5°	15098	15027	14899	15065	14899	15027	15098	14910	14448	13698	12595
-10°	15212	15189	15249	15396	15249	15189	15212	14873	14229	13327	12139
-12.5°	14863	15046	15251	15406	15251	15046	14863	14405	13740	12627	11330
-15°	14083	14458	14765	14911	14765	14458	14083	13539	12709	11668	10388
-17.5°	12936	13395	13759	13863	13759	13395	12936	12320	11450	10471	9316
-20°	11522	11990	12321	12453	12321	11990	11522	10893	10062	9144	8112

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REPORT NUMBER: P626926 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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°	9932	10388	10688	10846	10688	10388	9932	9306	8596	7779	6809
-25°	8318	8719	8985	9056	8985	8719	8318	7789	7150	6390	5495
-27.5°	6775	7097	7293	7315	7293	7097	6775	6299	5697	5002	4232
-30°	5222	5522	5692	5782	5692	5522	5222	4767	4219	3671	3057
-32.5°	3668	3905	4049	4087	4049	3905	3668	3346	2953	2554	2165
-35°	2445	2593	2684	2703	2684	2593	2445	2252	2011	1749	1541
-37.5°	1635	1707	1751	1773	1751	1707	1635	1535	1412	1267	1138
-40°	1158	1192	1211	1215	1211	1192	1158	1110	1043	955	873
-42.5°	886	903	912	914	912	903	886	858	815	763	713
-45°	716	728	735	738	735	728	716	699	675	646	614
-47.5°	612	620	625	626	625	620	612	602	585	563	536
-50°	540	545	546	546	546	545	540	534	524	507	488
-52.5°	495	498	499	498	499	498	495	491	484	469	452
-55°	461	463	463	462	463	463	461	458	454	439	424
-57.5°	435	438	437	435	437	438	435	432	428	414	399
-60°	410	413	413	412	413	413	410	406	401	389	375
-62.5°	384	389	390	389	390	389	384	378	371	359	345
-65°	347	354	353	351	353	354	347	341	333	323	310
-67.5°	307	311	312	311	312	311	307	302	296	287	274
-70°	269	274	274	273	274	274	269	263	257	250	239
-72.5°	231	236	237	237	237	236	231	226	220	213	204
-75°	192	196	196	195	196	196	192	187	182	176	169
-77.5°	154	158	158	157	158	158	154	150	145	140	135
-80°	117	121	120	119	120	121	117	114	110	106	102
-82.5°	83	85	85	83	85	85	83	81	78	75	72
-85°	51	53	53	53	53	53	51	50	48	46	44
-87.5°	24	25	24	23	24	25	24	24	23	22	21
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626926 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-740-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°	9	6	8	8	6	5	7	6	2	2	2
57.5°	32	30	28	26	22	19	18	17	15	9	4
55°	70	63	54	49	46	39	32	28	26	21	14
52.5°	90	86	80	69	63	60	52	44	38	32	26
50°	118	116	109	99	90	82	75	65	55	47	39
47.5°	165	155	147	139	121	108	99	90	76	65	55
45°	208	194	181	169	154	136	121	109	97	83	73
42.5°	258	233	212	199	181	163	146	131	114	100	88
40°	336	294	266	240	218	193	175	157	137	117	104
37.5°	464	388	347	308	273	237	210	187	164	141	122
35°	669	557	460	396	345	294	253	222	194	167	142
32.5°	947	780	623	517	424	354	301	261	223	193	167
30°	1398	1083	835	660	533	425	349	297	252	216	190
27.5°	2094	1512	1148	851	661	521	413	334	280	239	209
25°	2960	2180	1576	1148	832	635	490	386	313	261	230
22.5°	4051	3117	2278	1501	1099	819	602	440	350	298	257
20°	5395	4194	3145	2231	1502	1034	739	532	414	342	287
17.5°	6719	5482	4082	2990	2064	1403	935	650	476	386	318
15°	8058	6599	5116	3836	2655	1712	1110	763	547	436	353
12.5°	9081	7565	5913	4514	3125	2041	1332	909	637	476	379
10°	9910	8339	6614	5046	3594	2378	1531	1017	702	510	401
7.5°	10554	8893	7157	5502	3974	2658	1692	1102	752	539	419
5°	11066	9372	7595	5876	4272	2866	1816	1167	789	564	432
2.5°	11455	9725	7890	6122	4472	3010	1910	1223	820	588	445
0°	11665	9851	8144	6277	4602	3112	1973	1265	841	606	455
-2.5°	11698	9908	8115	6221	4597	3075	1958	1257	844	612	462
-5°	11388	9680	7884	6062	4444	2989	1918	1231	837	611	464
-7.5°	11049	9308	7510	5758	4183	2839	1841	1189	824	605	463
-10°	10534	8813	7100	5373	3850	2621	1710	1126	796	591	457
-12.5°	9793	8163	6564	4828	3443	2324	1532	1044	756	568	447
-15°	8880	7374	5799	4287	3021	2016	1347	943	701	538	432
-17.5°	7931	6461	4967	3640	2532	1745	1216	871	654	510	415
-20°	6879	5472	4166	2997	2065	1443	1049	783	608	487	402

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REPORT NUMBER: P626926 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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°	5674	4523	3371	2321	1685	1236	917	698	557	457	386
-25°	4536	3567	2571	1889	1372	1020	797	636	519	431	369
-27.5°	3431	2581	2001	1483	1115	880	702	571	477	409	355
-30°	2458	1947	1516	1163	933	750	617	522	446	387	339
-32.5°	1762	1453	1144	947	776	650	555	476	417	368	327
-35°	1295	1092	911	776	662	576	500	442	392	348	315
-37.5°	988	850	750	653	581	515	462	413	367	333	302
-40°	789	700	632	565	517	472	430	388	352	318	289
-42.5°	661	601	547	507	470	438	404	370	337	305	277
-45°	575	533	493	463	434	408	383	352	322	292	264
-47.5°	511	483	454	429	406	383	361	334	305	277	252
-50°	468	446	423	401	382	361	339	313	287	263	239
-52.5°	434	416	398	379	361	341	317	295	272	249	224
-55°	407	391	375	359	343	323	301	279	255	232	208
-57.5°	383	368	354	340	325	305	283	261	238	216	192
-60°	361	347	332	317	303	286	263	241	221	199	178
-62.5°	330	314	302	289	275	259	238	219	200	182	162
-65°	296	281	269	256	242	227	209	194	178	162	143
-67.5°	261	248	235	223	211	198	184	170	155	139	122
-70°	228	217	206	195	183	172	159	145	130	116	103
-72.5°	195	186	176	166	155	145	134	122	110	97	86
-75°	161	154	146	138	129	120	111	100	90	80	71
-77.5°	129	124	117	110	103	95	87	79	72	64	56
-80°	98	94	89	84	78	72	67	60	54	48	42
-82.5°	69	66	63	59	55	52	48	43	39	34	30
-85°	43	41	39	37	35	33	30	27	24	22	19
-87.5°	20	19	18	17	16	15	14	13	12	10	9
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626926 (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°	1	2	1	1	1	2	2	2	1	1	0
60°	2	2	3	2	2	2	3	2	2	2	1
57.5°	3	3	3	3	2	2	3	3	2	2	2
55°	7	4	4	3	3	2	3	3	3	2	2
52.5°	17	10	6	5	4	3	3	3	3	2	3
50°	29	20	11	7	5	4	3	3	3	3	3
47.5°	43	32	20	11	8	5	4	3	3	3	3
45°	60	45	31	20	11	8	5	4	3	3	3
42.5°	77	61	44	28	18	12	6	5	4	3	3
40°	93	78	58	41	27	17	11	6	5	3	3
37.5°	108	94	75	54	35	24	16	7	6	4	4
35°	125	109	91	68	47	31	21	9	7	5	4
32.5°	141	123	104	82	58	37	27	15	9	6	4
30°	161	136	116	95	70	47	32	20	11	7	4
27.5°	181	149	128	106	81	57	38	25	13	8	5
25°	201	165	139	116	92	67	45	29	17	10	6
22.5°	220	182	149	126	103	77	53	35	21	12	7
20°	242	199	159	137	112	86	61	40	24	14	7
17.5°	264	216	176	148	121	94	69	45	27	16	8
15°	287	235	192	159	130	102	76	51	30	19	9
12.5°	307	251	206	170	139	108	82	56	32	21	11
10°	325	266	218	181	147	114	88	61	36	23	13
7.5°	340	278	229	191	155	121	93	66	41	24	15
5°	352	289	237	199	162	128	97	69	45	26	17
2.5°	362	297	243	205	167	135	101	71	49	27	19
0°	369	303	247	210	172	141	104	73	53	28	20
-2.5°	372	307	255	214	178	145	107	77	55	31	21
-5°	373	310	260	217	183	147	110	81	57	35	22
-7.5°	373	311	263	219	186	148	112	83	59	38	22
-10°	371	311	264	222	188	150	114	86	61	40	22
-12.5°	367	309	264	223	188	151	117	87	62	42	23
-15°	359	306	262	223	188	152	118	88	63	42	23
-17.5°	348	301	260	221	187	152	119	88	63	42	24
-20°	341	296	257	217	186	152	119	87	62	42	25

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CATALOG NUMBER: GFLD-SA2C-740-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°	333	291	252	214	184	151	118	85	62	41	25
-25°	322	284	247	212	182	149	115	81	60	40	26
-27.5°	312	277	241	209	178	146	111	80	59	39	26
-30°	303	269	236	204	173	142	106	77	57	39	25
-32.5°	294	262	229	198	168	137	100	74	55	38	25
-35°	284	253	222	191	162	131	97	70	54	37	24
-37.5°	273	243	213	184	156	125	94	69	52	35	23
-40°	261	233	203	177	150	118	91	68	50	33	22
-42.5°	250	223	195	170	143	114	87	66	47	32	21
-45°	239	212	187	162	136	108	84	63	44	30	20
-47.5°	227	202	176	151	128	102	79	59	41	29	20
-50°	214	189	163	141	119	95	73	54	39	27	19
-52.5°	199	173	152	131	110	87	67	50	37	26	18
-55°	182	160	141	121	100	79	61	47	35	25	17
-57.5°	170	150	130	110	90	71	56	43	32	23	16
-60°	158	138	119	99	80	64	51	40	30	22	15
-62.5°	142	124	105	86	71	58	47	37	28	20	14
-65°	125	107	89	75	62	51	42	33	25	18	13
-67.5°	105	91	76	64	54	45	37	29	22	16	12
-70°	89	76	64	55	47	39	32	25	19	14	10
-72.5°	75	64	54	46	39	33	27	21	16	12	9
-75°	62	53	45	38	32	27	22	17	13	10	8
-77.5°	49	42	36	30	26	21	17	13	11	9	7
-80°	37	32	28	23	20	16	13	11	9	8	6
-82.5°	26	23	20	17	15	12	11	9	8	6	5
-85°	17	15	13	12	10	9	8	6	5	4	3
-87.5°	8	7	7	6	5	4	4	3	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: P626926 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-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°	0	1	2	1	0	0	0
57.5°	1	1	2	1	0	0	0
55°	1	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	2	1	0	0
45°	3	2	2	2	1	0	0
42.5°	3	2	2	2	1	0	0
40°	3	2	2	3	1	0	0
37.5°	4	2	2	3	1	0	0
35°	4	3	2	3	2	0	0
32.5°	4	3	2	3	2	0	0
30°	4	3	2	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	4	3	3	2	0	0
17.5°	5	4	3	3	2	0	0
15°	6	5	3	3	2	0	0
12.5°	6	5	3	3	2	0	0
10°	6	5	3	3	2	0	0
7.5°	7	5	3	3	2	0	0
5°	7	5	3	3	2	0	0
2.5°	7	5	3	3	2	0	0
0°	8	5	3	3	3	0	0
-2.5°	9	5	3	3	2	0	0
-5°	10	6	3	3	2	0	0
-7.5°	11	6	3	3	2	0	0
-10°	12	6	3	3	2	0	0
-12.5°	13	6	4	3	2	0	0
-15°	14	6	4	3	2	0	0
-17.5°	14	6	4	3	2	0	0
-20°	14	6	4	3	2	0	0

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REPORT NUMBER: P626926 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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