

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: P626946 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-722-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626946 (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-722-U-MWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9731.2 lumens
Efficiency: N/A
Efficacy: 89.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 13633.3 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 6517.9 lumens
Beam Efficiency: 67.0%

Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 8771.2 lumens
Field Efficiency: 90.1%

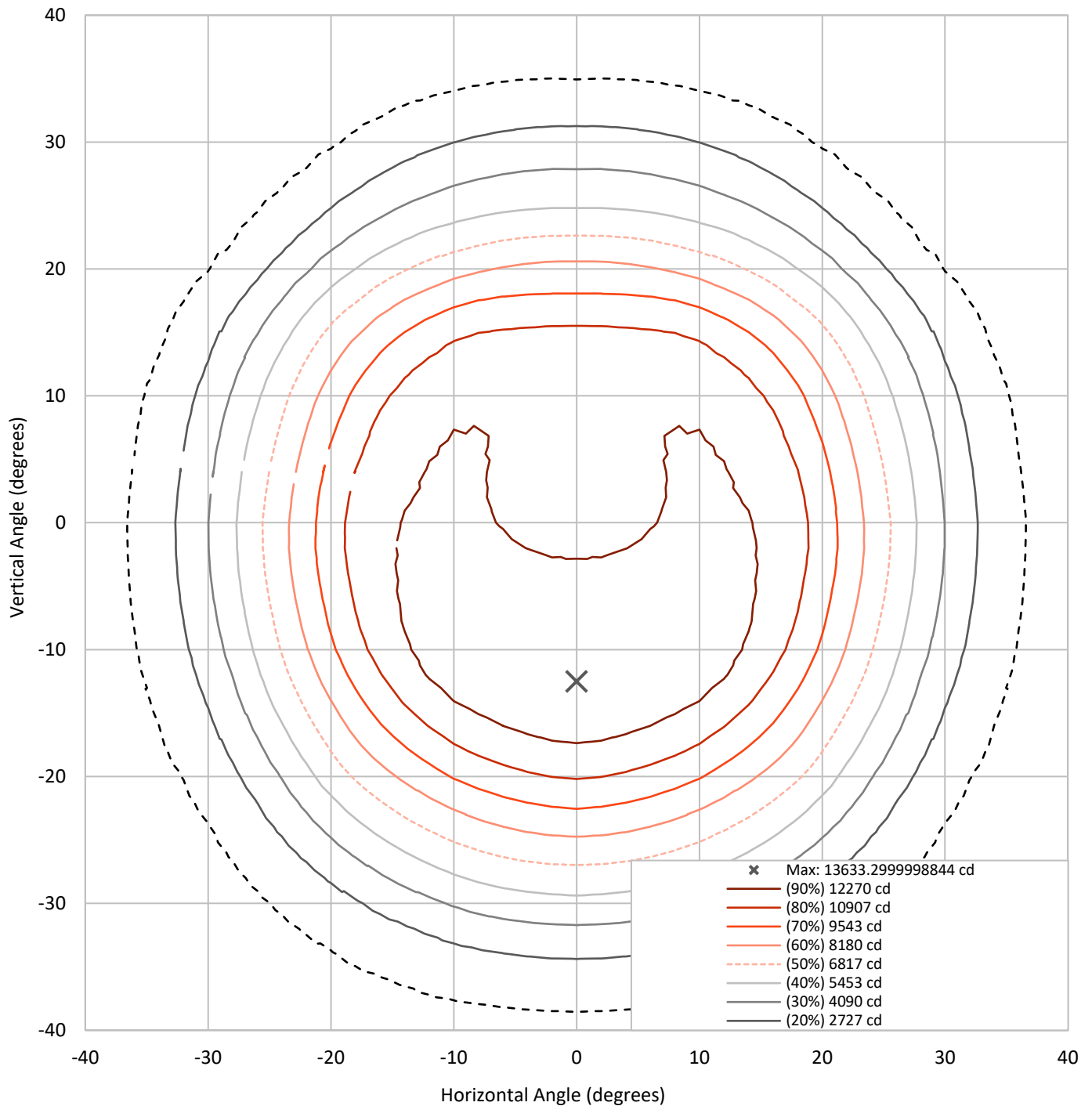
Input Watts (W): 108.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P626946 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-U-MWR-VSR-XX

Iso-Candela Plot





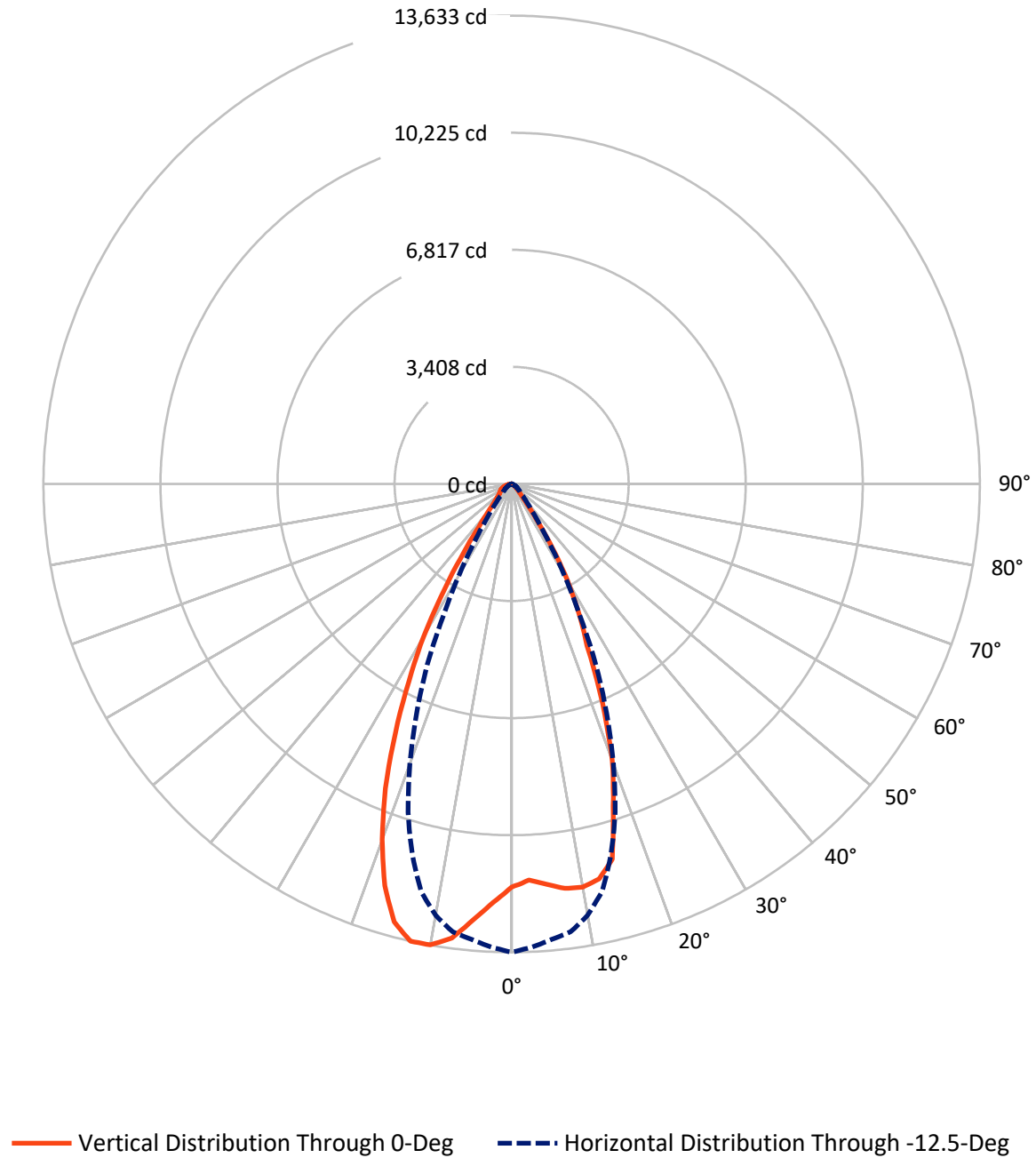
REPORT NUMBER: P626946 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.3	0.8	1.3	1.9	2.2	2.2	1.9	1.3	0.8	0.3	0.1		0.0			
40	0.1	0.1	0.4	1.4	2.7	4.5	6.7	8.2	8.2	6.7	4.5	2.7	1.4	0.4	0.1	0.1			
30		0.2	1.1	2.8	5.8	12.6	28.7	43.9	43.9	28.7	12.6	5.8	2.8	1.1	0.2				
20	0.1	0.4	1.8	4.5	12.2	45.2	116.5	162.8	162.8	116.5	45.2	12.2	4.5	1.8	0.4	0.1			
10		0.6	2.5	7.0	29.1	125.6	262.1	324.5	324.5	262.1	125.6	29.1	7.0	2.5	0.6				
0	0.2	0.8	3.1	9.1	46.3	185.0	337.9	366.3	366.3	337.9	185.0	46.3	9.1	3.1	0.8	0.2			
-10		1.0	3.5	9.7	48.4	191.1	350.1	388.8	388.8	350.1	191.1	48.4	9.7	3.5	1.0				
-20	0.3	1.1	3.5	8.8	34.6	142.3	295.3	377.1	377.1	295.3	142.3	34.6	8.8	3.5	1.1	0.3			
-30		1.0	3.3	7.3	19.4	69.0	164.6	231.6	231.6	164.6	69.0	19.4	7.3	3.3	1.0				
-40	0.3	0.9	3.0	6.1	11.6	24.6	51.4	76.3	76.3	51.4	24.6	11.6	6.1	3.0	0.9	0.3			
-50		0.8	2.5	5.1	8.4	12.5	17.5	20.8	20.8	17.5	12.5	8.4	5.1	2.5	0.8				
-60	0.2	0.6	1.9	4.0	6.6	9.2	11.5	12.5	12.5	11.5	9.2	6.6	4.0	1.9	0.6	0.2			
-70		0.4	1.2	2.7	4.7	6.6	8.3	9.3	9.3	8.3	6.6	4.7	2.7	1.2	0.4				
-80	0.1	1.1	4.9	10.4	13.4	10.4	4.9	1.1	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

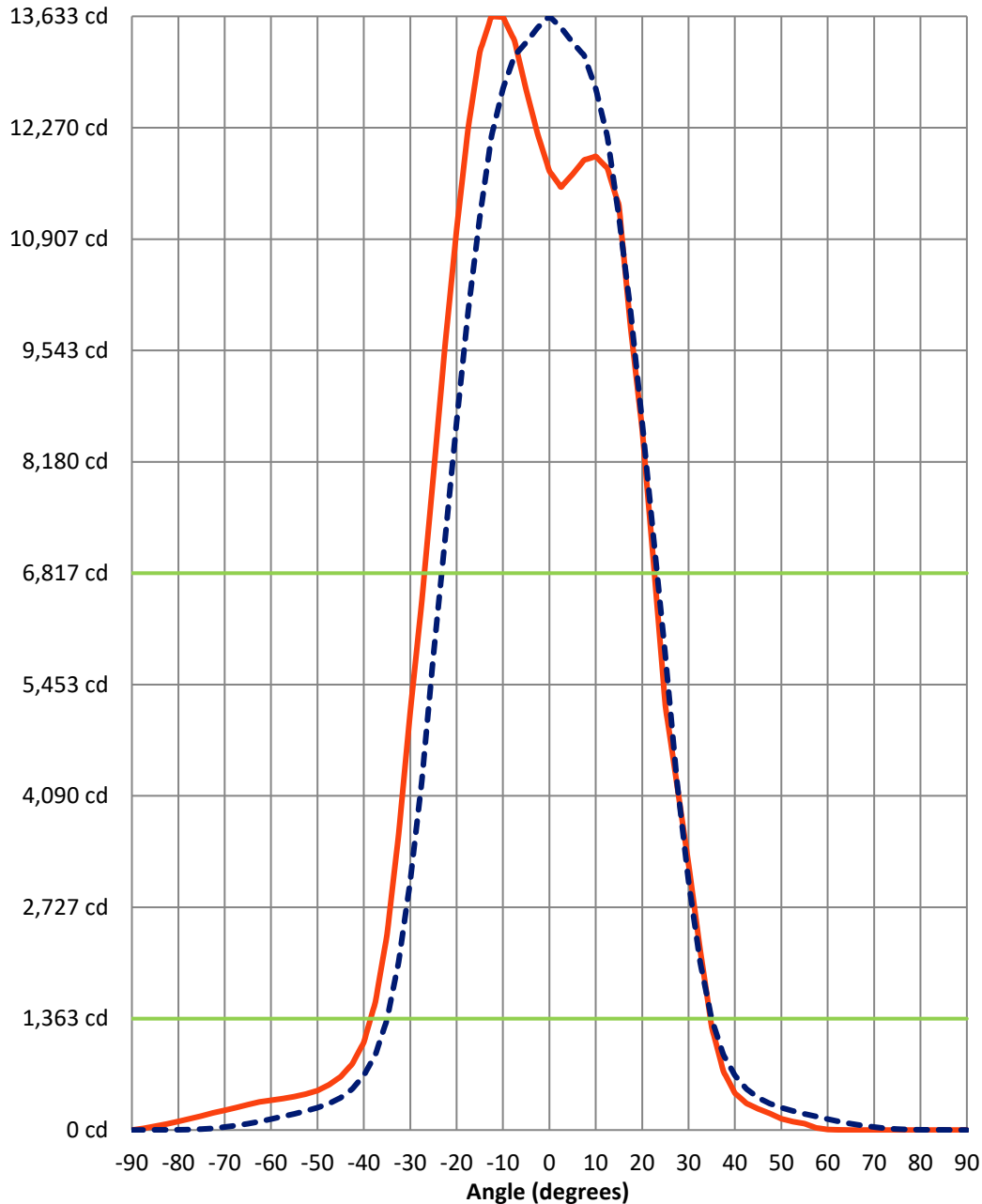
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 6517.9
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 8771.2
 Efficiency: 90.1%

Spill:
 Lumens: 960
 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	0	0	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	0	0
65°	0	0	0	0	1	1	0	0	0	1	1
62.5°	0	0	0	1	1	1	0	0	1	1	1
60°	0	0	0	1	1	1	0	1	2	2	2
57.5°	0	0	0	1	1	1	1	2	2	2	2
55°	0	0	0	1	1	1	1	2	2	2	2
52.5°	0	0	0	2	2	1	2	2	2	2	2
50°	0	0	1	2	2	1	2	2	2	2	3
47.5°	0	0	1	2	2	2	2	3	2	2	3
45°	0	0	1	2	2	2	2	3	2	3	4
42.5°	0	0	1	2	2	2	3	3	2	3	5
40°	0	0	1	2	2	2	3	3	3	4	5
37.5°	0	0	1	2	2	2	3	3	4	5	6
35°	0	0	1	2	2	2	3	3	4	6	8
32.5°	0	0	2	2	2	3	4	3	5	8	13
30°	0	0	2	2	2	3	4	4	6	10	18
27.5°	0	0	2	2	2	3	4	4	7	12	22
25°	0	0	2	2	2	3	4	5	9	15	26
22.5°	0	0	2	2	2	4	4	6	11	18	31
20°	0	0	2	2	2	4	4	7	13	21	35
17.5°	0	0	2	2	2	4	5	7	15	24	40
15°	0	0	2	2	2	4	5	8	17	27	45
12.5°	0	0	2	2	2	4	5	10	18	29	50
10°	0	0	2	2	2	4	5	11	20	32	54
7.5°	0	0	2	2	2	4	6	13	21	36	58
5°	0	0	2	2	2	4	6	15	23	40	61
2.5°	0	0	2	2	2	4	6	16	24	43	63
0°	0	0	2	2	2	5	7	18	25	47	65
-2.5°	0	0	2	2	2	5	8	19	28	49	68
-5°	0	0	2	2	3	5	9	19	31	51	71
-7.5°	0	0	2	2	3	5	10	19	33	52	74
-10°	0	0	2	2	3	5	11	20	35	54	76
-12.5°	0	0	2	2	3	5	12	20	37	55	77
-15°	0	0	2	2	3	6	12	20	38	55	78
-17.5°	0	0	2	2	3	6	13	21	37	56	78
-20°	0	0	2	2	3	6	13	22	37	55	77

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CATALOG NUMBER: GFLD-SA2D-722-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	2	3	6	13	22	36	55	75
-25°	0	0	2	2	3	6	13	23	36	53	72
-27.5°	0	0	2	2	3	7	13	23	35	52	70
-30°	0	0	2	2	3	7	12	22	34	50	68
-32.5°	0	0	2	2	3	7	12	22	34	49	66
-35°	0	1	2	2	4	7	12	21	33	47	62
-37.5°	0	1	2	2	4	7	12	21	31	46	61
-40°	0	1	2	2	4	7	12	20	29	44	60
-42.5°	0	1	2	2	4	7	12	19	28	42	58
-45°	0	1	2	2	4	7	12	18	27	39	56
-47.5°	0	1	2	2	4	7	11	18	26	36	52
-50°	0	1	2	3	4	7	11	17	24	35	48
-52.5°	0	1	2	3	4	7	11	16	23	33	44
-55°	0	1	2	3	4	7	10	15	22	31	41
-57.5°	0	0	2	3	4	6	10	14	21	29	38
-60°	0	0	2	3	4	6	9	14	19	27	35
-62.5°	0	0	2	3	4	6	9	13	18	24	32
-65°	0	0	2	3	4	5	8	12	16	22	29
-67.5°	0	0	2	3	4	5	7	11	14	20	26
-70°	0	0	1	3	4	5	6	9	13	17	22
-72.5°	0	0	1	2	3	5	6	8	11	14	19
-75°	0	0	1	2	3	4	6	7	9	12	15
-77.5°	0	0	1	2	3	4	5	6	8	9	12
-80°	0	0	1	1	2	3	5	6	7	8	10
-82.5°	0	0	1	1	2	3	3	5	6	7	8
-85°	0	0	0	1	1	2	2	3	4	5	6
-87.5°	0	0	0	0	1	1	1	2	2	2	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626946 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-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	0	0	0	0	0	0	0	0
65°	1	1	1	1	0	1	1	1	0	0	0
62.5°	2	2	1	1	1	2	1	1	0	1	1
60°	2	2	2	2	2	2	1	2	2	2	5
57.5°	2	2	2	2	3	2	3	3	8	13	15
55°	2	2	3	3	3	4	6	12	19	23	25
52.5°	3	2	3	4	5	8	15	23	29	33	39
50°	3	4	5	6	10	17	26	34	42	49	58
47.5°	4	5	7	10	18	28	38	49	58	68	80
45°	5	7	10	17	28	40	53	64	74	85	96
42.5°	6	11	16	25	39	54	69	78	88	101	116
40°	9	15	23	36	52	69	82	92	103	121	139
37.5°	14	22	31	47	66	84	96	108	124	145	166
35°	19	27	42	60	81	97	110	126	148	172	197
32.5°	24	33	52	72	92	109	125	148	171	197	231
30°	29	42	62	84	103	121	142	168	191	223	263
27.5°	34	50	72	94	113	132	160	185	212	248	296
25°	40	59	82	103	123	146	178	204	231	277	342
22.5°	47	68	91	111	132	161	195	228	264	309	389
20°	54	76	99	121	141	176	214	254	302	366	471
17.5°	61	83	107	131	156	192	234	281	342	421	575
15°	67	90	115	141	170	208	254	312	385	484	676
12.5°	73	96	123	151	182	222	272	335	422	564	804
10°	78	101	130	160	193	235	287	355	451	621	900
7.5°	82	107	137	169	203	246	301	370	477	666	975
5°	86	113	143	176	210	255	312	383	499	699	1033
2.5°	89	120	148	181	215	263	320	394	520	726	1082
0°	92	125	152	185	219	268	326	402	536	744	1120
-2.5°	95	128	157	189	225	272	329	408	542	747	1112
-5°	97	130	162	192	230	274	330	411	541	741	1089
-7.5°	100	131	165	194	233	276	330	409	535	729	1052
-10°	101	133	166	196	234	275	329	404	523	705	996
-12.5°	103	134	166	197	233	274	324	395	503	669	924
-15°	105	135	166	197	232	271	317	383	476	621	835
-17.5°	105	135	165	196	230	267	308	368	451	579	771
-20°	105	135	164	192	228	262	302	356	431	538	693

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CATALOG NUMBER: GFLD-SA2D-722-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°	104	134	163	190	223	257	294	342	405	493	618
-25°	102	132	161	188	218	252	285	326	381	459	563
-27.5°	99	129	158	185	213	245	276	314	362	422	505
-30°	94	125	153	181	208	238	268	300	342	395	462
-32.5°	89	121	149	175	203	231	260	289	325	369	421
-35°	85	116	144	169	196	224	251	279	308	347	392
-37.5°	83	110	138	162	188	215	241	268	295	325	366
-40°	81	105	133	157	180	206	231	256	281	312	343
-42.5°	77	101	126	151	173	197	221	245	270	298	328
-45°	74	96	120	143	165	188	211	233	258	285	312
-47.5°	70	90	114	134	156	178	201	223	245	270	296
-50°	65	84	106	125	145	167	189	212	233	254	277
-52.5°	60	77	97	116	134	153	176	199	220	241	261
-55°	54	70	88	107	125	142	161	184	206	226	247
-57.5°	49	63	80	98	115	132	151	170	191	211	231
-60°	45	57	71	87	105	122	139	157	176	195	213
-62.5°	41	51	62	76	93	110	126	143	161	177	193
-65°	37	45	55	66	79	95	110	127	143	157	171
-67.5°	33	40	48	56	68	80	93	108	123	137	150
-70°	28	34	41	48	57	67	79	91	103	115	128
-72.5°	24	29	35	41	48	57	66	76	86	97	108
-75°	19	24	29	34	40	47	55	63	71	80	89
-77.5°	15	19	23	27	32	37	43	50	56	63	70
-80°	12	14	17	21	24	28	33	37	42	48	53
-82.5°	9	11	13	15	18	20	23	26	30	34	38
-85°	7	8	9	10	12	13	15	17	19	22	24
-87.5°	3	4	4	5	6	6	7	8	9	10	11
-90°	0	0	0	0	0	0	0	0	0	0	0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	0	1	1	2	2	2
60°	6	4	6	7	7	5	8	9	8	7	7
57.5°	16	17	19	23	25	26	29	31	33	34	34
55°	29	34	40	43	48	55	62	62	64	65	69
52.5°	46	53	56	61	71	77	80	85	90	96	100
50°	67	72	79	88	97	103	105	114	125	134	139
47.5°	88	95	107	123	130	137	146	158	170	184	194
45°	107	121	136	150	160	172	184	199	218	236	250
42.5°	129	145	160	176	187	207	229	246	274	298	313
40°	155	170	193	212	236	260	298	333	368	408	438
37.5°	186	210	241	272	307	343	411	480	536	615	659
35°	223	260	305	351	407	493	592	725	864	979	1090
32.5°	267	313	375	457	551	690	838	1084	1323	1562	1796
30°	309	376	472	584	739	958	1237	1617	2028	2388	2713
27.5°	365	461	584	753	1016	1338	1853	2380	2903	3370	3706
25°	434	562	737	1016	1395	1929	2619	3265	3879	4337	4723
22.5°	532	725	973	1328	2016	2759	3585	4397	5087	5665	6045
20°	654	915	1329	1974	2783	3712	4775	5629	6479	7129	7709
17.5°	827	1242	1827	2646	3612	4851	5946	6899	7978	8642	9234
15°	982	1515	2350	3394	4527	5840	7131	8298	9340	10069	10731
12.5°	1179	1806	2765	3994	5233	6694	8036	9287	10307	11057	11520
10°	1355	2104	3180	4466	5853	7379	8770	10071	11059	11640	11980
7.5°	1497	2352	3517	4869	6333	7870	9339	10631	11576	12062	12294
5°	1607	2536	3780	5200	6721	8293	9793	11057	11853	12255	12384
2.5°	1690	2664	3958	5418	6983	8606	10137	11383	12062	12351	12394
0°	1746	2754	4073	5555	7207	8718	10323	11588	12234	12466	12489
-2.5°	1733	2721	4068	5505	7181	8768	10352	11601	12292	12605	12656
-5°	1697	2645	3933	5364	6977	8566	10077	11396	12244	12716	12925
-7.5°	1629	2512	3702	5095	6646	8237	9778	11146	12122	12786	13195
-10°	1513	2319	3407	4755	6283	7799	9322	10742	11793	12592	13162
-12.5°	1355	2057	3047	4272	5808	7224	8666	10027	11174	12159	12748
-15°	1192	1784	2673	3794	5132	6526	7858	9193	10326	11247	11981
-17.5°	1076	1545	2240	3221	4396	5718	7018	8244	9266	10133	10902
-20°	929	1277	1828	2652	3686	4842	6088	7179	8092	8904	9639

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P626946 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-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°	812	1093	1491	2054	2983	4002	5021	6026	6884	7607	8235
-25°	705	903	1214	1672	2276	3156	4014	4863	5655	6327	6893
-27.5°	622	779	986	1312	1770	2284	3036	3745	4427	5041	5574
-30°	546	664	826	1030	1341	1723	2175	2706	3249	3734	4218
-32.5°	491	575	687	838	1012	1286	1559	1916	2260	2614	2961
-35°	442	510	586	687	806	966	1146	1364	1548	1780	1993
-37.5°	409	456	514	578	664	752	875	1007	1121	1250	1358
-40°	381	418	457	500	559	619	698	772	845	923	982
-42.5°	357	387	416	449	484	532	585	631	675	721	760
-45°	339	361	384	410	436	471	509	543	572	598	619
-47.5°	319	339	359	379	402	427	452	474	498	518	532
-50°	300	320	338	355	375	395	414	432	449	464	473
-52.5°	281	301	319	335	352	368	384	400	415	428	434
-55°	267	285	304	318	332	346	360	375	389	402	405
-57.5°	251	270	287	301	313	326	339	353	366	378	382
-60°	233	253	268	280	294	307	320	332	344	355	359
-62.5°	211	229	243	255	267	278	292	305	318	328	335
-65°	185	201	214	227	238	249	262	274	286	295	301
-67.5°	163	175	186	197	208	219	231	243	254	262	267
-70°	140	152	162	173	182	192	202	211	221	228	233
-72.5°	119	129	138	147	156	164	173	181	189	195	200
-75°	98	106	114	122	130	136	143	149	155	161	165
-77.5°	77	84	91	97	104	109	114	119	124	128	132
-80°	59	64	69	74	79	83	87	91	94	98	101
-82.5°	42	46	49	52	56	58	61	64	66	69	71
-85°	27	29	31	32	34	36	38	39	41	42	44
-87.5°	13	14	15	15	16	17	18	19	19	20	21
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626946 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-722-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	1
60°	7	7	7	7	7	7	7	7	7	8	9
57.5°	34	31	29	27	29	31	34	34	34	33	31
55°	73	77	79	78	79	77	73	69	65	64	62
52.5°	104	106	105	103	105	106	104	100	96	90	85
50°	142	142	141	139	141	142	142	139	134	125	114
47.5°	199	202	204	203	204	202	199	194	184	170	158
45°	256	258	260	259	260	258	256	250	236	218	199
42.5°	321	326	328	326	328	326	321	313	298	274	246
40°	455	461	458	452	458	461	455	438	408	368	333
37.5°	690	712	722	722	722	712	690	659	615	536	480
35°	1190	1270	1306	1261	1306	1270	1190	1090	979	864	725
32.5°	1988	2129	2208	2209	2208	2129	1988	1796	1562	1323	1084
30°	2960	3136	3236	3257	3236	3136	2960	2713	2388	2028	1617
27.5°	3968	4150	4245	4232	4245	4150	3968	3706	3370	2903	2380
25°	4979	5117	5197	5199	5197	5117	4979	4723	4337	3879	3265
22.5°	6473	6764	6884	6916	6884	6764	6473	6045	5665	5087	4397
20°	8102	8384	8566	8577	8566	8384	8102	7709	7129	6479	5629
17.5°	9653	9793	9819	9831	9819	9793	9653	9234	8642	7978	6899
15°	11116	11165	11295	11311	11295	11165	11116	10731	10069	9340	8298
12.5°	11811	11856	11834	11774	11834	11856	11811	11520	11057	10307	9287
10°	12190	12126	12032	11919	12032	12126	12190	11980	11640	11059	10071
7.5°	12275	12205	12039	11874	12039	12205	12275	12294	12062	11576	10631
5°	12316	12110	11900	11700	11900	12110	12316	12384	12255	11853	11057
2.5°	12292	12046	11758	11543	11758	12046	12292	12394	12351	12062	11383
0°	12370	12122	11820	11740	11820	12122	12370	12489	12466	12234	11588
-2.5°	12589	12388	12230	12187	12230	12388	12589	12656	12605	12292	11601
-5°	12982	12937	12670	12732	12670	12937	12982	12925	12716	12244	11396
-7.5°	13361	13298	13185	13331	13185	13298	13361	13195	12786	12122	11146
-10°	13462	13441	13494	13624	13494	13441	13462	13162	12592	11793	10742
-12.5°	13153	13315	13496	13633	13496	13315	13153	12748	12159	11174	10027
-15°	12463	12795	13066	13195	13066	12795	12463	11981	11247	10326	9193
-17.5°	11447	11854	12176	12268	12176	11854	11447	10902	10133	9266	8244
-20°	10197	10610	10903	11020	10903	10610	10197	9639	8904	8092	7179



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CATALOG NUMBER: GFLD-SA2D-722-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°	8789	9193	9459	9598	9459	9193	8789	8235	7607	6884	6026
-25°	7361	7716	7952	8014	7952	7716	7361	6893	6327	5655	4863
-27.5°	5995	6281	6454	6474	6454	6281	5995	5574	5041	4427	3745
-30°	4621	4886	5037	5117	5037	4886	4621	4218	3734	3249	2706
-32.5°	3246	3456	3583	3617	3583	3456	3246	2961	2614	2260	1916
-35°	2164	2295	2375	2392	2375	2295	2164	1993	1780	1548	1364
-37.5°	1447	1511	1550	1569	1550	1511	1447	1358	1250	1121	1007
-40°	1025	1055	1072	1075	1072	1055	1025	982	923	845	772
-42.5°	784	799	807	809	807	799	784	760	721	675	631
-45°	634	644	651	653	651	644	634	619	598	572	543
-47.5°	542	549	553	554	553	549	542	532	518	498	474
-50°	478	482	484	483	484	482	478	473	464	449	432
-52.5°	438	441	441	440	441	441	438	434	428	415	400
-55°	408	410	410	409	410	410	408	405	402	389	375
-57.5°	385	387	387	385	387	387	385	382	378	366	353
-60°	363	365	365	364	365	365	363	359	355	344	332
-62.5°	340	344	345	344	345	344	340	335	328	318	305
-65°	307	313	313	311	313	313	307	301	295	286	274
-67.5°	272	276	276	275	276	276	272	267	262	254	243
-70°	238	242	242	241	242	242	238	233	228	221	211
-72.5°	205	209	210	210	210	209	205	200	195	189	181
-75°	170	173	173	172	173	173	170	165	161	155	149
-77.5°	136	140	140	139	140	140	136	132	128	124	119
-80°	104	107	106	105	106	107	104	101	98	94	91
-82.5°	74	76	75	74	75	76	74	71	69	66	64
-85°	45	47	47	47	47	47	45	44	42	41	39
-87.5°	22	22	21	20	21	22	22	21	20	19	19
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626946 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-722-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	0	1	1	1	1	1	1	1	0	1
60°	8	5	7	7	6	4	6	5	2	2	2
57.5°	29	26	25	23	19	17	16	15	13	8	3
55°	62	55	48	43	40	34	29	25	23	19	12
52.5°	80	77	71	61	56	53	46	39	33	29	23
50°	105	103	97	88	79	72	67	58	49	42	34
47.5°	146	137	130	123	107	95	88	80	68	58	49
45°	184	172	160	150	136	121	107	96	85	74	64
42.5°	229	207	187	176	160	145	129	116	101	88	78
40°	298	260	236	212	193	170	155	139	121	103	92
37.5°	411	343	307	272	241	210	186	166	145	124	108
35°	592	493	407	351	305	260	223	197	172	148	126
32.5°	838	690	551	457	375	313	267	231	197	171	148
30°	1237	958	739	584	472	376	309	263	223	191	168
27.5°	1853	1338	1016	753	584	461	365	296	248	212	185
25°	2619	1929	1395	1016	737	562	434	342	277	231	204
22.5°	3585	2759	2016	1328	973	725	532	389	309	264	228
20°	4775	3712	2783	1974	1329	915	654	471	366	302	254
17.5°	5946	4851	3612	2646	1827	1242	827	575	421	342	281
15°	7131	5840	4527	3394	2350	1515	982	676	484	385	312
12.5°	8036	6694	5233	3994	2765	1806	1179	804	564	422	335
10°	8770	7379	5853	4466	3180	2104	1355	900	621	451	355
7.5°	9339	7870	6333	4869	3517	2352	1497	975	666	477	370
5°	9793	8293	6721	5200	3780	2536	1607	1033	699	499	383
2.5°	10137	8606	6983	5418	3958	2664	1690	1082	726	520	394
0°	10323	8718	7207	5555	4073	2754	1746	1120	744	536	402
-2.5°	10352	8768	7181	5505	4068	2721	1733	1112	747	542	408
-5°	10077	8566	6977	5364	3933	2645	1697	1089	741	541	411
-7.5°	9778	8237	6646	5095	3702	2512	1629	1052	729	535	409
-10°	9322	7799	6283	4755	3407	2319	1513	996	705	523	404
-12.5°	8666	7224	5808	4272	3047	2057	1355	924	669	503	395
-15°	7858	6526	5132	3794	2673	1784	1192	835	621	476	383
-17.5°	7018	5718	4396	3221	2240	1545	1076	771	579	451	368
-20°	6088	4842	3686	2652	1828	1277	929	693	538	431	356

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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5021	4002	2983	2054	1491	1093	812	618	493	405	342
-25°	4014	3156	2276	1672	1214	903	705	563	459	381	326
-27.5°	3036	2284	1770	1312	986	779	622	505	422	362	314
-30°	2175	1723	1341	1030	826	664	546	462	395	342	300
-32.5°	1559	1286	1012	838	687	575	491	421	369	325	289
-35°	1146	966	806	687	586	510	442	392	347	308	279
-37.5°	875	752	664	578	514	456	409	366	325	295	268
-40°	698	619	559	500	457	418	381	343	312	281	256
-42.5°	585	532	484	449	416	387	357	328	298	270	245
-45°	509	471	436	410	384	361	339	312	285	258	233
-47.5°	452	427	402	379	359	339	319	296	270	245	223
-50°	414	395	375	355	338	320	300	277	254	233	212
-52.5°	384	368	352	335	319	301	281	261	241	220	199
-55°	360	346	332	318	304	285	267	247	226	206	184
-57.5°	339	326	313	301	287	270	251	231	211	191	170
-60°	320	307	294	280	268	253	233	213	195	176	157
-62.5°	292	278	267	255	243	229	211	193	177	161	143
-65°	262	249	238	227	214	201	185	171	157	143	127
-67.5°	231	219	208	197	186	175	163	150	137	123	108
-70°	202	192	182	173	162	152	140	128	115	103	91
-72.5°	173	164	156	147	138	129	119	108	97	86	76
-75°	143	136	130	122	114	106	98	89	80	71	63
-77.5°	114	109	104	97	91	84	77	70	63	56	50
-80°	87	83	79	74	69	64	59	53	48	42	37
-82.5°	61	58	56	52	49	46	42	38	34	30	26
-85°	38	36	34	32	31	29	27	24	22	19	17
-87.5°	18	17	16	15	15	14	13	11	10	9	8
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626946 (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	0	1	1	0	0	0	0	0
65°	1	1	0	1	1	1	1	1	1	0	0
62.5°	1	2	1	1	1	2	2	1	1	1	0
60°	1	2	2	2	2	2	2	2	2	2	1
57.5°	3	2	3	2	2	2	2	2	2	2	2
55°	6	4	3	3	3	2	2	2	2	2	2
52.5°	15	8	5	4	3	2	3	2	2	2	2
50°	26	17	10	6	5	4	3	3	2	2	2
47.5°	38	28	18	10	7	5	4	3	2	2	3
45°	53	40	28	17	10	7	5	4	3	2	3
42.5°	69	54	39	25	16	11	6	5	3	2	3
40°	82	69	52	36	23	15	9	5	4	3	3
37.5°	96	84	66	47	31	22	14	6	5	4	3
35°	110	97	81	60	42	27	19	8	6	4	3
32.5°	125	109	92	72	52	33	24	13	8	5	3
30°	142	121	103	84	62	42	29	18	10	6	4
27.5°	160	132	113	94	72	50	34	22	12	7	4
25°	178	146	123	103	82	59	40	26	15	9	5
22.5°	195	161	132	111	91	68	47	31	18	11	6
20°	214	176	141	121	99	76	54	35	21	13	7
17.5°	234	192	156	131	107	83	61	40	24	15	7
15°	254	208	170	141	115	90	67	45	27	17	8
12.5°	272	222	182	151	123	96	73	50	29	18	10
10°	287	235	193	160	130	101	78	54	32	20	11
7.5°	301	246	203	169	137	107	82	58	36	21	13
5°	312	255	210	176	143	113	86	61	40	23	15
2.5°	320	263	215	181	148	120	89	63	43	24	16
0°	326	268	219	185	152	125	92	65	47	25	18
-2.5°	329	272	225	189	157	128	95	68	49	28	19
-5°	330	274	230	192	162	130	97	71	51	31	19
-7.5°	330	276	233	194	165	131	100	74	52	33	19
-10°	329	275	234	196	166	133	101	76	54	35	20
-12.5°	324	274	233	197	166	134	103	77	55	37	20
-15°	317	271	232	197	166	135	105	78	55	38	20
-17.5°	308	267	230	196	165	135	105	78	56	37	21
-20°	302	262	228	192	164	135	105	77	55	37	22

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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	294	257	223	190	163	134	104	75	55	36	22
-25°	285	252	218	188	161	132	102	72	53	36	23
-27.5°	276	245	213	185	158	129	99	70	52	35	23
-30°	268	238	208	181	153	125	94	68	50	34	22
-32.5°	260	231	203	175	149	121	89	66	49	34	22
-35°	251	224	196	169	144	116	85	62	47	33	21
-37.5°	241	215	188	162	138	110	83	61	46	31	21
-40°	231	206	180	157	133	105	81	60	44	29	20
-42.5°	221	197	173	151	126	101	77	58	42	28	19
-45°	211	188	165	143	120	96	74	56	39	27	18
-47.5°	201	178	156	134	114	90	70	52	36	26	18
-50°	189	167	145	125	106	84	65	48	35	24	17
-52.5°	176	153	134	116	97	77	60	44	33	23	16
-55°	161	142	125	107	88	70	54	41	31	22	15
-57.5°	151	132	115	98	80	63	49	38	29	21	14
-60°	139	122	105	87	71	57	45	35	27	19	14
-62.5°	126	110	93	76	62	51	41	32	24	18	13
-65°	110	95	79	66	55	45	37	29	22	16	12
-67.5°	93	80	68	56	48	40	33	26	20	14	11
-70°	79	67	57	48	41	34	28	22	17	13	9
-72.5°	66	57	48	41	35	29	24	19	14	11	8
-75°	55	47	40	34	29	24	19	15	12	9	7
-77.5°	43	37	32	27	23	19	15	12	9	8	6
-80°	33	28	24	21	17	14	12	10	8	7	6
-82.5°	23	20	18	15	13	11	9	8	7	6	5
-85°	15	13	12	10	9	8	7	6	5	4	3
-87.5°	7	6	6	5	4	4	3	3	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P626946 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-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	0	0	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	0	1	1	0	0	0	0
62.5°	0	1	1	1	0	0	0
60°	0	1	1	1	0	0	0
57.5°	1	1	1	1	0	0	0
55°	1	1	1	1	0	0	0
52.5°	2	1	2	2	0	0	0
50°	2	1	2	2	1	0	0
47.5°	2	2	2	2	1	0	0
45°	2	2	2	2	1	0	0
42.5°	3	2	2	2	1	0	0
40°	3	2	2	2	1	0	0
37.5°	3	2	2	2	1	0	0
35°	3	2	2	2	1	0	0
32.5°	4	3	2	2	2	0	0
30°	4	3	2	2	2	0	0
27.5°	4	3	2	2	2	0	0
25°	4	3	2	2	2	0	0
22.5°	4	4	2	2	2	0	0
20°	4	4	2	2	2	0	0
17.5°	5	4	2	2	2	0	0
15°	5	4	2	2	2	0	0
12.5°	5	4	2	2	2	0	0
10°	5	4	2	2	2	0	0
7.5°	6	4	2	2	2	0	0
5°	6	4	2	2	2	0	0
2.5°	6	4	2	2	2	0	0
0°	7	5	2	2	2	0	0
-2.5°	8	5	2	2	2	0	0
-5°	9	5	3	2	2	0	0
-7.5°	10	5	3	2	2	0	0
-10°	11	5	3	2	2	0	0
-12.5°	12	5	3	2	2	0	0
-15°	12	6	3	2	2	0	0
-17.5°	13	6	3	2	2	0	0
-20°	13	6	3	2	2	0	0

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CATALOG NUMBER: GFLD-SA2D-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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