

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: P626884 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626884 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2C-722-U-MR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8380.2 lumens
Efficiency: N/A
Efficacy: 101.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 29547 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 4190.2 lumens
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 7200.1 lumens
Field Efficiency: 85.9%

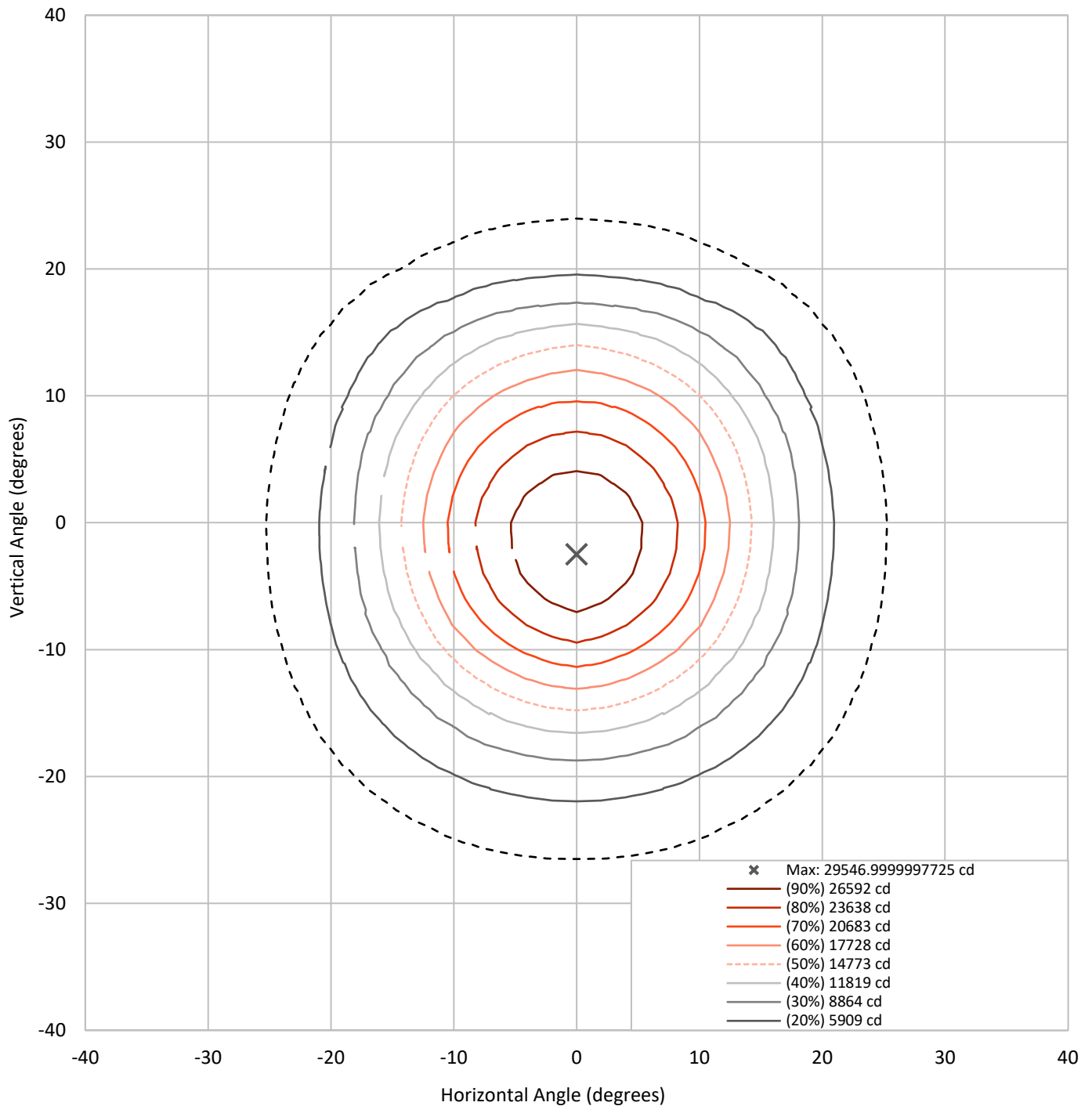
Input Watts (W): 82.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA2C-722-U-MR-VSR-XX

Iso-Candela Plot





REPORT NUMBER: P626884 (CONVERTED FROM TYPE C PHOTOMETRY)

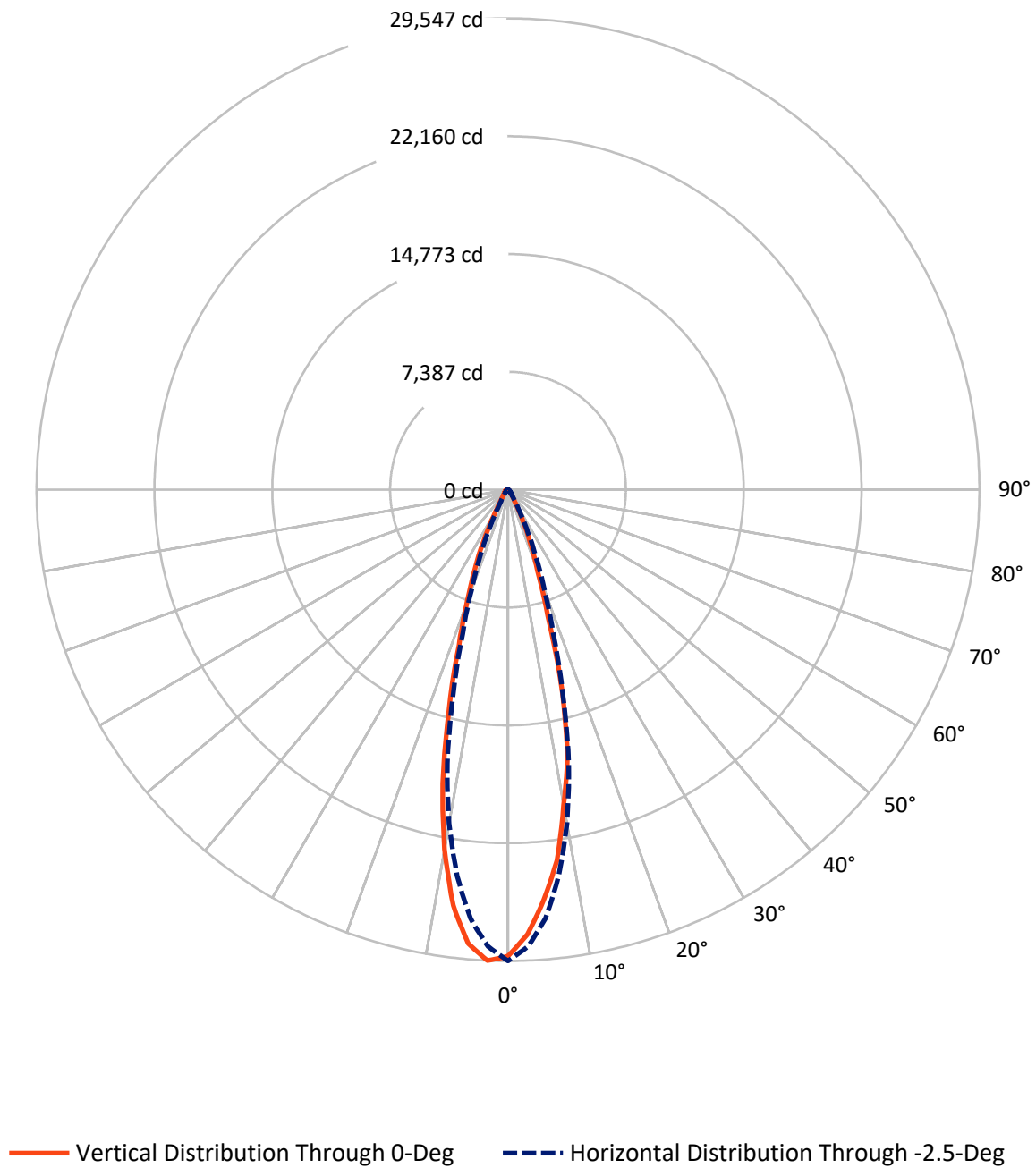
CATALOG NUMBER: GFLD-SA2C-722-U-MR-VSR-XX

Lumen Table

90	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	0.0			
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	0.0			
70	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0				
60		0.0	0.0	0.2	0.6	1.0	1.3	1.6	1.6	1.3	1.0	0.6	0.2	0.0		0.0			
50	0.0	0.0	0.3	0.9	1.8	2.7	3.8	4.5	4.5	3.8	2.7	1.8	0.9	0.3	0.0				
40		0.1	0.7	1.8	3.3	5.4	9.0	12.1	12.1	9.0	5.4	3.3	1.8	0.7		0.1			
30	0.1	0.3	1.1	2.7	5.2	12.7	39.8	72.9	72.9	39.8	12.7	5.2	2.7	1.1	0.1				
20		0.4	1.6	3.7	8.9	43.7	177.5	347.5	347.5	177.5	43.7	8.9	3.7	1.6		0.4			
10	0.1	0.5	1.9	4.4	12.8	83.2	358.3	702.4	702.4	358.3	83.2	12.8	4.4	1.9	0.1				
0		0.6	2.1	4.7	13.7	87.1	367.7	744.8	744.8	367.7	87.1	13.7	4.7	2.1		0.6			
-10	0.2	0.6	2.1	4.6	11.2	53.5	203.3	394.1	394.1	203.3	53.5	11.2	4.6	2.1	0.2				
-20		0.6	2.0	4.2	8.2	20.8	63.0	112.3	112.3	63.0	20.8	8.2	4.2	2.0		0.6			
-30	0.2	0.5	1.8	3.6	6.2	10.3	16.7	22.4	22.4	16.7	10.3	6.2	3.6	1.8	0.2				
-40		0.5	1.5	3.0	4.9	7.1	9.3	10.4	10.4	9.3	7.1	4.9	3.0	1.5		0.5			
-50	0.1	0.3	1.1	2.3	3.9	5.4	6.7	7.3	7.3	6.7	5.4	3.9	2.3	1.1	0.1				
-60		0.2	0.7	1.5	2.6	3.7	4.6	5.1	5.1	4.6	3.7	2.6	1.5	0.7		0.2			
-70	0.0	0.5	2.5	5.3	6.8	5.3	2.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
-80		0.0	0.5	2.5	5.3	6.8	5.3	2.5	0.5	0.0	0.0	0.0	0.0	0.0		0.0			
-90	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				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

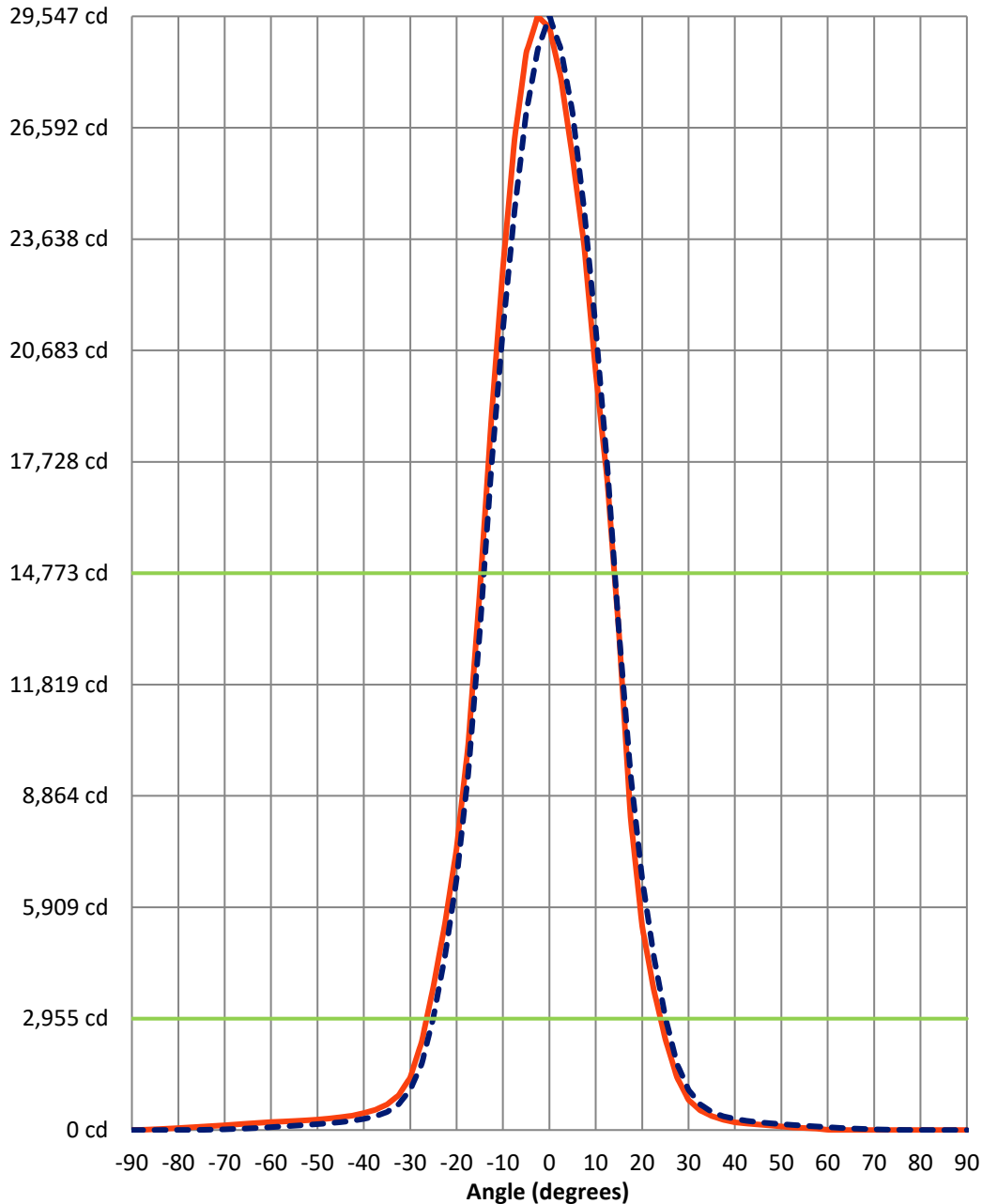
REPORT NUMBER: P626884 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-722-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 4190.2
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 7200.1
 Efficiency: 85.9%

Spill:
 Lumens: 1180
 Efficiency: 14.1%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -2.5-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	1
57.5°	0	0	0	0	0	0	0	0	0	1	1
55°	0	0	0	0	0	0	0	0	1	1	1
52.5°	0	0	0	0	0	0	0	1	1	1	1
50°	0	0	0	0	0	0	1	1	2	1	1
47.5°	0	0	0	0	0	0	1	1	2	2	2
45°	0	0	0	0	0	1	1	2	2	2	2
42.5°	0	0	0	0	0	1	1	2	2	2	3
40°	0	0	0	0	0	1	2	2	2	2	4
37.5°	0	0	0	0	0	1	2	2	2	3	6
35°	0	0	0	0	0	2	2	2	3	4	8
32.5°	0	0	0	0	1	2	2	2	3	6	10
30°	0	0	0	0	1	2	2	2	4	8	12
27.5°	0	0	0	0	1	2	2	3	5	9	15
25°	0	0	0	0	1	2	2	3	7	11	17
22.5°	0	0	0	0	1	2	2	4	8	13	21
20°	0	0	0	0	1	2	2	5	9	15	24
17.5°	0	0	0	0	2	2	2	5	10	17	27
15°	0	0	0	0	2	2	2	6	11	20	29
12.5°	0	0	0	0	2	2	2	7	12	22	32
10°	0	0	0	0	2	2	3	8	13	24	34
7.5°	0	0	0	0	2	2	3	9	14	25	36
5°	0	0	0	0	2	2	3	10	15	27	38
2.5°	0	0	0	0	2	2	3	11	16	29	39
0°	0	0	0	0	2	2	4	11	17	30	41
-2.5°	0	0	0	0	2	2	4	11	18	31	42
-5°	0	0	0	0	2	2	5	12	20	32	43
-7.5°	0	0	0	0	2	2	6	12	21	32	44
-10°	0	0	0	0	2	3	6	12	22	33	44
-12.5°	0	0	0	1	2	3	7	12	23	33	45
-15°	0	0	0	1	2	3	7	12	23	34	46
-17.5°	0	0	0	1	2	3	7	12	23	34	47
-20°	0	0	0	1	2	3	7	13	22	34	46

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CATALOG NUMBER: GFLD-SA2C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	1	2	3	8	13	22	34	46
-25°	0	0	0	1	2	3	8	14	21	33	45
-27.5°	0	0	0	1	2	3	8	14	20	32	44
-30°	0	0	0	1	2	4	8	14	20	31	42
-32.5°	0	0	0	1	2	4	8	14	20	30	41
-35°	0	0	0	1	2	4	8	14	20	29	38
-37.5°	0	0	0	1	2	4	8	13	20	27	38
-40°	0	0	0	1	2	4	8	13	19	26	37
-42.5°	0	0	0	0	2	4	7	12	18	26	35
-45°	0	0	0	0	2	4	7	12	18	25	34
-47.5°	0	0	0	0	2	4	7	11	17	23	32
-50°	0	0	0	0	2	4	6	11	16	22	30
-52.5°	0	0	0	0	2	4	6	10	15	21	27
-55°	0	0	0	0	2	4	6	9	14	19	25
-57.5°	0	0	0	0	2	3	5	8	12	17	23
-60°	0	0	0	0	1	3	5	7	11	15	21
-62.5°	0	0	0	0	1	3	5	7	10	14	18
-65°	0	0	0	0	1	3	4	6	9	12	16
-67.5°	0	0	0	0	1	2	4	5	8	11	14
-70°	0	0	0	0	1	2	3	5	7	9	12
-72.5°	0	0	0	0	1	2	3	4	6	8	10
-75°	0	0	0	0	1	2	3	4	5	6	8
-77.5°	0	0	0	0	1	1	2	3	4	5	6
-80°	0	0	0	0	1	1	2	2	3	4	4
-82.5°	0	0	0	0	0	1	1	2	2	2	3
-85°	0	0	0	0	0	1	1	1	1	1	2
-87.5°	0	0	0	0	0	0	0	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626884 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	0	0	1	1	2	2	2	4
57.5°	0	0	1	1	1	2	3	4	6	9	10
55°	1	1	2	2	3	4	6	9	12	16	20
52.5°	1	2	2	3	5	8	12	16	21	25	28
50°	2	2	2	6	9	14	19	25	30	33	38
47.5°	2	3	6	10	14	21	28	33	38	44	52
45°	4	5	9	14	21	29	36	41	48	56	64
42.5°	5	8	13	19	29	37	43	50	58	67	76
40°	7	11	18	26	36	44	52	60	68	79	88
37.5°	10	15	23	33	43	53	62	71	81	92	102
35°	12	20	29	40	50	61	71	82	94	106	118
32.5°	15	24	34	46	57	69	81	94	107	120	135
30°	19	29	40	52	64	77	91	106	119	133	149
27.5°	23	33	45	58	70	84	101	116	130	146	163
25°	27	38	50	63	77	93	111	126	141	158	179
22.5°	31	42	56	68	83	101	120	137	154	171	195
20°	35	47	61	74	89	109	129	148	168	189	216
17.5°	38	51	66	81	97	118	138	160	181	208	241
15°	41	56	71	87	105	126	147	171	196	227	265
12.5°	44	59	76	93	112	133	155	180	209	246	294
10°	47	63	81	98	117	139	162	188	219	259	315
7.5°	50	66	85	103	122	145	168	195	228	270	332
5°	52	69	88	107	126	150	173	200	234	279	345
2.5°	54	72	91	109	130	152	176	204	239	287	356
0°	56	74	93	112	132	154	179	206	242	294	363
-2.5°	58	77	95	114	135	156	181	209	245	296	364
-5°	59	79	97	116	136	158	182	210	247	296	365
-7.5°	60	80	98	117	138	159	183	211	247	296	365
-10°	61	81	99	118	139	160	183	210	246	293	359
-12.5°	62	81	99	119	139	160	182	208	243	287	347
-15°	62	81	100	118	139	160	181	205	237	280	332
-17.5°	63	81	99	117	138	159	178	202	232	272	322
-20°	63	81	98	116	136	157	177	200	227	262	308

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CATALOG NUMBER: GFLD-SA2C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	62	80	97	114	134	154	174	196	221	251	291
-25°	61	79	96	112	131	150	170	190	215	243	278
-27.5°	60	78	94	110	128	146	166	185	208	234	263
-30°	57	75	92	108	125	142	160	180	200	224	251
-32.5°	55	73	89	105	122	138	155	173	193	214	238
-35°	52	69	85	101	118	134	149	166	185	204	225
-37.5°	51	66	82	96	113	129	143	159	176	195	214
-40°	49	62	78	92	107	123	137	151	167	185	203
-42.5°	47	60	74	88	102	116	131	145	159	176	193
-45°	45	57	70	84	97	110	124	138	152	167	183
-47.5°	42	54	66	79	92	105	117	131	145	159	173
-50°	39	51	62	74	86	99	112	123	137	151	164
-52.5°	36	47	57	68	80	92	105	117	128	140	153
-55°	33	43	53	63	73	85	97	109	121	132	143
-57.5°	30	38	47	57	67	76	88	100	111	122	133
-60°	27	33	42	51	60	70	79	90	101	111	122
-62.5°	23	30	37	44	53	62	71	81	91	100	109
-65°	21	26	32	38	46	54	62	71	80	87	95
-67.5°	18	22	27	32	39	46	52	60	68	75	81
-70°	15	18	22	27	32	38	44	50	56	62	68
-72.5°	13	15	18	21	26	31	36	41	46	51	56
-75°	10	13	15	18	21	25	29	33	37	41	46
-77.5°	8	10	12	14	16	19	22	26	29	33	36
-80°	6	7	9	11	12	14	16	19	21	24	26
-82.5°	4	5	6	8	9	10	11	12	14	16	18
-85°	2	3	4	4	5	6	6	7	8	9	10
-87.5°	1	1	2	2	2	2	2	3	3	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626884 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	2	2	2	2	3	3	3	2
60°	5	5	7	9	8	6	9	10	10	9	9
57.5°	13	16	19	20	22	26	27	27	27	28	32
55°	23	25	27	31	35	38	41	43	45	48	50
52.5°	31	35	38	42	47	50	52	57	61	65	67
50°	44	49	54	59	64	68	72	77	83	90	93
47.5°	58	64	70	78	83	87	92	99	108	115	120
45°	71	78	85	93	99	105	112	121	129	137	143
42.5°	83	90	98	107	112	121	131	140	151	161	168
40°	96	103	115	124	131	141	156	169	181	193	201
37.5°	112	124	137	148	158	170	190	210	226	242	253
35°	131	146	162	174	188	211	237	264	292	314	334
32.5°	149	166	182	200	223	255	287	332	373	415	454
30°	166	184	204	228	264	309	361	429	503	576	660
27.5°	183	203	227	264	320	381	477	584	736	859	1056
25°	202	224	257	317	393	501	668	859	1174	1443	1747
22.5°	224	259	306	380	508	702	963	1378	1862	2311	2739
20°	252	300	379	498	681	980	1474	2103	2776	3433	4069
17.5°	289	365	478	647	906	1535	2270	3170	4321	5187	6007
15°	323	418	590	862	1351	2160	3187	4565	6116	7420	8895
12.5°	363	478	685	1038	1736	2806	4115	5759	7594	9573	11884
10°	398	540	805	1292	2139	3383	4851	6780	9137	11938	14858
7.5°	425	591	906	1482	2478	3857	5608	7954	10939	14213	17543
5°	446	630	985	1631	2766	4242	6160	8882	12286	16043	19354
2.5°	462	658	1037	1723	2961	4504	6538	9376	13109	17237	20714
0°	474	675	1066	1788	3051	4629	6712	9575	13495	17823	21398
-2.5°	479	684	1067	1765	2996	4621	6672	9453	13229	17590	21253
-5°	480	680	1041	1718	2898	4455	6404	8989	12416	16507	20219
-7.5°	477	661	986	1603	2679	4163	6031	8300	11109	14716	18552
-10°	464	630	912	1447	2377	3706	5451	7367	9611	12556	15665
-12.5°	441	582	810	1213	2022	3189	4734	6429	8177	10112	12670
-15°	413	534	727	1071	1693	2646	3897	5328	6780	8262	9822
-17.5°	392	491	641	882	1300	2071	3071	4221	5399	6575	7626
-20°	365	441	558	745	1049	1505	2257	3152	4032	4992	5797

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626884 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	341	406	493	611	816	1137	1566	2195	2864	3561	4222
-25°	319	367	437	532	654	845	1128	1457	1926	2355	2846
-27.5°	299	340	388	458	550	655	829	1021	1267	1471	1799
-30°	281	314	353	398	466	545	639	755	875	996	1153
-32.5°	264	291	322	358	400	460	518	593	659	731	806
-35°	247	271	297	325	358	397	441	490	534	578	617
-37.5°	233	253	275	298	324	351	385	420	450	478	502
-40°	220	237	256	275	295	317	344	370	390	408	423
-42.5°	209	224	238	255	272	292	313	332	346	359	369
-45°	199	212	225	238	252	270	287	303	313	323	330
-47.5°	187	199	211	223	237	251	265	276	286	294	299
-50°	176	188	198	208	221	233	245	255	263	271	274
-52.5°	165	176	187	197	207	217	227	236	245	252	255
-55°	155	166	175	185	195	204	213	221	228	235	238
-57.5°	144	155	166	174	182	190	198	206	214	220	222
-60°	133	144	153	160	168	176	183	191	198	204	207
-62.5°	119	129	137	144	151	158	165	171	178	183	186
-65°	102	111	119	126	132	139	145	151	156	160	163
-67.5°	88	94	101	107	114	120	126	131	136	139	141
-70°	74	80	86	92	97	103	108	112	117	120	122
-72.5°	61	67	72	77	82	87	91	95	99	102	104
-75°	50	54	59	63	68	71	75	78	81	84	86
-77.5°	40	43	46	50	53	56	59	61	64	66	67
-80°	29	32	35	37	39	42	44	46	48	49	51
-82.5°	20	22	24	26	28	29	30	31	32	33	35
-85°	11	13	14	15	16	17	18	19	20	20	21
-87.5°	5	5	6	6	7	7	7	7	7	8	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626884 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	2	2	2	2	2	2	2	2	3	3	3
60°	8	7	7	7	7	7	8	9	9	10	10
57.5°	35	37	39	39	39	37	35	32	28	27	27
55°	53	55	55	54	55	55	53	50	48	45	43
52.5°	68	68	68	67	68	68	68	67	65	61	57
50°	95	94	94	95	94	94	95	93	90	83	77
47.5°	122	123	123	123	123	123	122	120	115	108	99
45°	145	147	148	147	148	147	145	143	137	129	121
42.5°	171	172	172	173	172	172	171	168	161	151	140
40°	204	205	205	205	205	205	204	201	193	181	169
37.5°	261	265	267	272	267	265	261	253	242	226	210
35°	349	359	364	372	364	359	349	334	314	292	264
32.5°	483	502	512	523	512	502	483	454	415	373	332
30°	718	756	771	800	771	756	718	660	576	503	429
27.5°	1201	1292	1328	1403	1328	1292	1201	1056	859	736	584
25°	2023	2219	2327	2413	2327	2219	2023	1747	1443	1174	859
22.5°	3172	3459	3613	3726	3613	3459	3172	2739	2311	1862	1378
20°	4646	5025	5251	5416	5251	5025	4646	4069	3433	2776	2103
17.5°	7060	7657	8005	8305	8005	7657	7060	6007	5187	4321	3170
15°	10540	11739	12670	13188	12670	11739	10540	8895	7420	6116	4565
12.5°	13926	15681	16724	17203	16724	15681	13926	11884	9573	7594	5759
10°	17274	18929	19921	20096	19921	18929	17274	14858	11938	9137	6780
7.5°	19837	21657	22975	23454	22975	21657	19837	17543	14213	10939	7954
5°	22101	24232	25627	25804	25627	24232	22101	19354	16043	12286	8882
2.5°	23767	26083	27436	27901	27436	26083	23767	20714	17237	13109	9376
0°	24572	27067	28572	29249	28572	27067	24572	21398	17823	13495	9575
-2.5°	24403	26983	28663	29547	28663	26983	24403	21253	17590	13229	9453
-5°	23475	26063	27629	28568	27629	26063	23475	20219	16507	12416	8989
-7.5°	21335	23755	25423	26289	25423	23755	21335	18552	14716	11109	8300
-10°	18578	20626	22146	22885	22146	20626	18578	15665	12556	9611	7367
-12.5°	14995	16982	18353	18876	18353	16982	14995	12670	10112	8177	6429
-15°	11489	13005	13980	14288	13980	13005	11489	9822	8262	6780	5328
-17.5°	8713	9529	10077	10225	10077	9529	8713	7626	6575	5399	4221
-20°	6528	7033	7389	7473	7389	7033	6528	5797	4992	4032	3152

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P626884 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4756	5136	5424	5481	5424	5136	4756	4222	3561	2864	2195
-25°	3281	3599	3794	3808	3794	3599	3281	2846	2355	1926	1457
-27.5°	2057	2231	2322	2353	2322	2231	2057	1799	1471	1267	1021
-30°	1271	1352	1394	1395	1394	1352	1271	1153	996	875	755
-32.5°	863	902	923	923	923	902	863	806	731	659	593
-35°	646	666	678	679	678	666	646	617	578	534	490
-37.5°	520	531	537	538	537	531	520	502	478	450	420
-40°	435	442	447	450	447	442	435	423	408	390	370
-42.5°	376	381	383	381	383	381	376	369	359	346	332
-45°	335	338	340	341	340	338	335	330	323	313	303
-47.5°	302	304	305	305	305	304	302	299	294	286	276
-50°	276	278	278	277	278	278	276	274	271	263	255
-52.5°	256	256	256	257	256	256	256	255	252	245	236
-55°	239	239	240	240	240	239	239	238	235	228	221
-57.5°	224	226	226	225	226	226	224	222	220	214	206
-60°	209	211	212	212	212	211	209	207	204	198	191
-62.5°	189	190	191	192	191	190	189	186	183	178	171
-65°	165	166	169	171	169	166	165	163	160	156	151
-67.5°	143	144	147	149	147	144	143	141	139	136	131
-70°	124	126	126	127	126	126	124	122	120	117	112
-72.5°	106	107	108	108	108	107	106	104	102	99	95
-75°	87	89	89	89	89	89	87	86	84	81	78
-77.5°	69	70	71	71	71	70	69	67	66	64	61
-80°	52	54	53	52	53	54	52	51	49	48	46
-82.5°	36	37	36	35	36	37	36	35	33	32	31
-85°	22	22	21	21	21	22	22	21	20	20	19
-87.5°	9	9	8	7	8	9	9	8	8	7	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626884 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	2	2	2	2	1	1	1	1	0	0	0
60°	9	6	8	9	7	5	5	4	2	2	2
57.5°	27	26	22	20	19	16	13	10	9	6	4
55°	41	38	35	31	27	25	23	20	16	12	9
52.5°	52	50	47	42	38	35	31	28	25	21	16
50°	72	68	64	59	54	49	44	38	33	30	25
47.5°	92	87	83	78	70	64	58	52	44	38	33
45°	112	105	99	93	85	78	71	64	56	48	41
42.5°	131	121	112	107	98	90	83	76	67	58	50
40°	156	141	131	124	115	103	96	88	79	68	60
37.5°	190	170	158	148	137	124	112	102	92	81	71
35°	237	211	188	174	162	146	131	118	106	94	82
32.5°	287	255	223	200	182	166	149	135	120	107	94
30°	361	309	264	228	204	184	166	149	133	119	106
27.5°	477	381	320	264	227	203	183	163	146	130	116
25°	668	501	393	317	257	224	202	179	158	141	126
22.5°	963	702	508	380	306	259	224	195	171	154	137
20°	1474	980	681	498	379	300	252	216	189	168	148
17.5°	2270	1535	906	647	478	365	289	241	208	181	160
15°	3187	2160	1351	862	590	418	323	265	227	196	171
12.5°	4115	2806	1736	1038	685	478	363	294	246	209	180
10°	4851	3383	2139	1292	805	540	398	315	259	219	188
7.5°	5608	3857	2478	1482	906	591	425	332	270	228	195
5°	6160	4242	2766	1631	985	630	446	345	279	234	200
2.5°	6538	4504	2961	1723	1037	658	462	356	287	239	204
0°	6712	4629	3051	1788	1066	675	474	363	294	242	206
-2.5°	6672	4621	2996	1765	1067	684	479	364	296	245	209
-5°	6404	4455	2898	1718	1041	680	480	365	296	247	210
-7.5°	6031	4163	2679	1603	986	661	477	365	296	247	211
-10°	5451	3706	2377	1447	912	630	464	359	293	246	210
-12.5°	4734	3189	2022	1213	810	582	441	347	287	243	208
-15°	3897	2646	1693	1071	727	534	413	332	280	237	205
-17.5°	3071	2071	1300	882	641	491	392	322	272	232	202
-20°	2257	1505	1049	745	558	441	365	308	262	227	200

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REPORT NUMBER: P626884 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1566	1137	816	611	493	406	341	291	251	221	196
-25°	1128	845	654	532	437	367	319	278	243	215	190
-27.5°	829	655	550	458	388	340	299	263	234	208	185
-30°	639	545	466	398	353	314	281	251	224	200	180
-32.5°	518	460	400	358	322	291	264	238	214	193	173
-35°	441	397	358	325	297	271	247	225	204	185	166
-37.5°	385	351	324	298	275	253	233	214	195	176	159
-40°	344	317	295	275	256	237	220	203	185	167	151
-42.5°	313	292	272	255	238	224	209	193	176	159	145
-45°	287	270	252	238	225	212	199	183	167	152	138
-47.5°	265	251	237	223	211	199	187	173	159	145	131
-50°	245	233	221	208	198	188	176	164	151	137	123
-52.5°	227	217	207	197	187	176	165	153	140	128	117
-55°	213	204	195	185	175	166	155	143	132	121	109
-57.5°	198	190	182	174	166	155	144	133	122	111	100
-60°	183	176	168	160	153	144	133	122	111	101	90
-62.5°	165	158	151	144	137	129	119	109	100	91	81
-65°	145	139	132	126	119	111	102	95	87	80	71
-67.5°	126	120	114	107	101	94	88	81	75	68	60
-70°	108	103	97	92	86	80	74	68	62	56	50
-72.5°	91	87	82	77	72	67	61	56	51	46	41
-75°	75	71	68	63	59	54	50	46	41	37	33
-77.5°	59	56	53	50	46	43	40	36	33	29	26
-80°	44	42	39	37	35	32	29	26	24	21	19
-82.5°	30	29	28	26	24	22	20	18	16	14	12
-85°	18	17	16	15	14	13	11	10	9	8	7
-87.5°	7	7	7	6	6	5	5	4	4	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626884 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	1	1	0	0	0	0	0	1	0	0	0
57.5°	3	2	1	1	1	0	0	1	1	0	0
55°	6	4	3	2	2	1	1	1	1	1	0
52.5°	12	8	5	3	2	2	1	1	1	1	1
50°	19	14	9	6	2	2	2	1	1	2	1
47.5°	28	21	14	10	6	3	2	2	2	2	1
45°	36	29	21	14	9	5	4	2	2	2	2
42.5°	43	37	29	19	13	8	5	3	2	2	2
40°	52	44	36	26	18	11	7	4	2	2	2
37.5°	62	53	43	33	23	15	10	6	3	2	2
35°	71	61	50	40	29	20	12	8	4	3	2
32.5°	81	69	57	46	34	24	15	10	6	3	2
30°	91	77	64	52	40	29	19	12	8	4	2
27.5°	101	84	70	58	45	33	23	15	9	5	3
25°	111	93	77	63	50	38	27	17	11	7	3
22.5°	120	101	83	68	56	42	31	21	13	8	4
20°	129	109	89	74	61	47	35	24	15	9	5
17.5°	138	118	97	81	66	51	38	27	17	10	5
15°	147	126	105	87	71	56	41	29	20	11	6
12.5°	155	133	112	93	76	59	44	32	22	12	7
10°	162	139	117	98	81	63	47	34	24	13	8
7.5°	168	145	122	103	85	66	50	36	25	14	9
5°	173	150	126	107	88	69	52	38	27	15	10
2.5°	176	152	130	109	91	72	54	39	29	16	11
0°	179	154	132	112	93	74	56	41	30	17	11
-2.5°	181	156	135	114	95	77	58	42	31	18	11
-5°	182	158	136	116	97	79	59	43	32	20	12
-7.5°	183	159	138	117	98	80	60	44	32	21	12
-10°	183	160	139	118	99	81	61	44	33	22	12
-12.5°	182	160	139	119	99	81	62	45	33	23	12
-15°	181	160	139	118	100	81	62	46	34	23	12
-17.5°	178	159	138	117	99	81	63	47	34	23	12
-20°	177	157	136	116	98	81	63	46	34	22	13

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REPORT NUMBER: P626884 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	174	154	134	114	97	80	62	46	34	22	13
-25°	170	150	131	112	96	79	61	45	33	21	14
-27.5°	166	146	128	110	94	78	60	44	32	20	14
-30°	160	142	125	108	92	75	57	42	31	20	14
-32.5°	155	138	122	105	89	73	55	41	30	20	14
-35°	149	134	118	101	85	69	52	38	29	20	14
-37.5°	143	129	113	96	82	66	51	38	27	20	13
-40°	137	123	107	92	78	62	49	37	26	19	13
-42.5°	131	116	102	88	74	60	47	35	26	18	12
-45°	124	110	97	84	70	57	45	34	25	18	12
-47.5°	117	105	92	79	66	54	42	32	23	17	11
-50°	112	99	86	74	62	51	39	30	22	16	11
-52.5°	105	92	80	68	57	47	36	27	21	15	10
-55°	97	85	73	63	53	43	33	25	19	14	9
-57.5°	88	76	67	57	47	38	30	23	17	12	8
-60°	79	70	60	51	42	33	27	21	15	11	7
-62.5°	71	62	53	44	37	30	23	18	14	10	7
-65°	62	54	46	38	32	26	21	16	12	9	6
-67.5°	52	46	39	32	27	22	18	14	11	8	5
-70°	44	38	32	27	22	18	15	12	9	7	5
-72.5°	36	31	26	21	18	15	13	10	8	6	4
-75°	29	25	21	18	15	13	10	8	6	5	4
-77.5°	22	19	16	14	12	10	8	6	5	4	3
-80°	16	14	12	11	9	7	6	4	4	3	2
-82.5°	11	10	9	8	6	5	4	3	2	2	2
-85°	6	6	5	4	4	3	2	2	1	1	1
-87.5°	2	2	2	2	2	1	1	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P626884 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	1	0	0	0	0	0	0
45°	1	1	0	0	0	0	0
42.5°	1	1	0	0	0	0	0
40°	2	1	0	0	0	0	0
37.5°	2	1	0	0	0	0	0
35°	2	2	0	0	0	0	0
32.5°	2	2	1	0	0	0	0
30°	2	2	1	0	0	0	0
27.5°	2	2	1	0	0	0	0
25°	2	2	1	0	0	0	0
22.5°	2	2	1	0	0	0	0
20°	2	2	1	0	0	0	0
17.5°	2	2	2	0	0	0	0
15°	2	2	2	0	0	0	0
12.5°	2	2	2	0	0	0	0
10°	3	2	2	0	0	0	0
7.5°	3	2	2	0	0	0	0
5°	3	2	2	0	0	0	0
2.5°	3	2	2	0	0	0	0
0°	4	2	2	0	0	0	0
-2.5°	4	2	2	0	0	0	0
-5°	5	2	2	0	0	0	0
-7.5°	6	2	2	0	0	0	0
-10°	6	3	2	0	0	0	0
-12.5°	7	3	2	1	0	0	0
-15°	7	3	2	1	0	0	0
-17.5°	7	3	2	1	0	0	0
-20°	7	3	2	1	0	0	0

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REPORT NUMBER: P626884 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)