

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: P626944 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626944 (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-SA2D-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: -

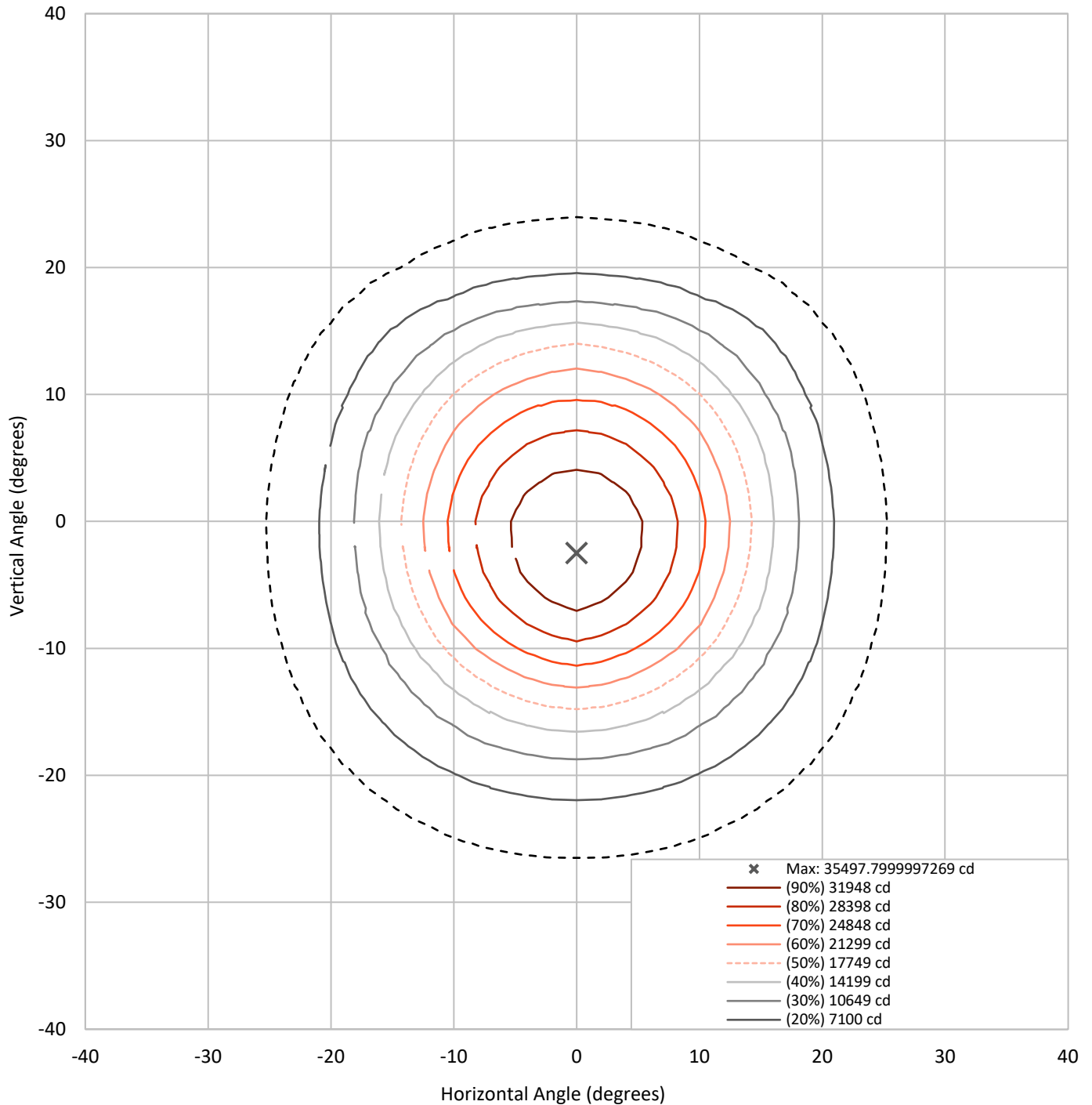
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	10068 lumens	Max Intensity:	35497.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	92.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	5034.1 lumens	Field Lumens:	8650.3 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
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: P626944 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-722-U-MR-VSR-XX

Iso-Candela Plot





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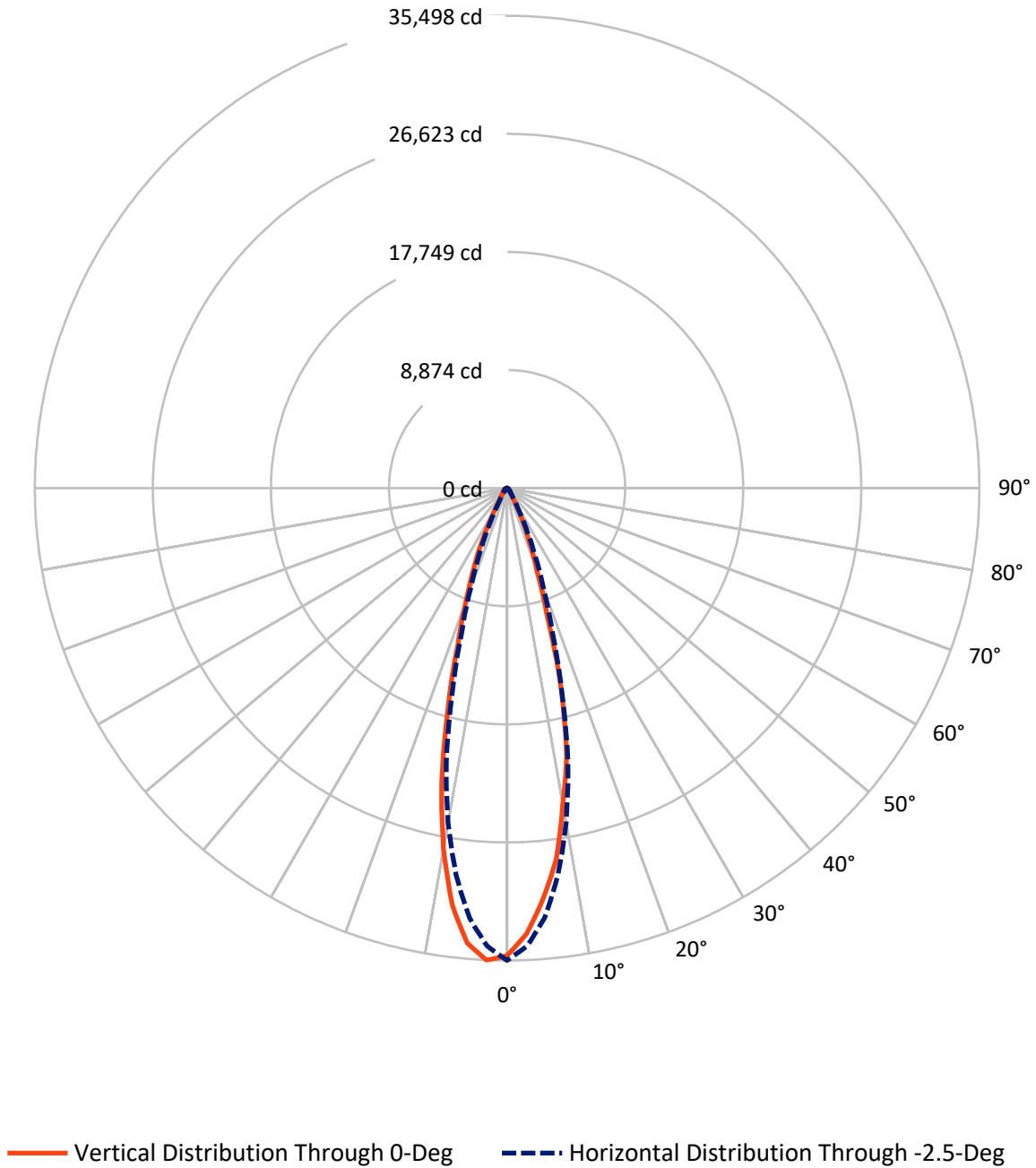
CATALOG NUMBER: GFLD-SA2D-722-U-MR-VSR-XX

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	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.3	0.7	1.2	1.6	1.9	1.9	1.6	1.2	0.7	0.3	0.1	0.0				
40	0.0	0.0	0.3	1.1	2.1	3.3	4.6	5.4	5.4	4.6	3.3	2.1	1.1	0.3	0.0				
30		0.1	0.9	2.2	4.0	6.5	10.9	14.5	14.5	10.9	6.5	4.0	2.2	0.9	0.1				
20	0.1	0.3	1.4	3.3	6.3	15.2	47.8	87.6	87.6	47.8	15.2	6.3	3.3	1.4	0.3				
10		0.5	1.9	4.5	10.7	52.4	213.2	417.5	417.5	213.2	52.4	10.7	4.5	1.9	0.5				
0	0.1	0.6	2.3	5.3	15.4	99.9	430.5	843.8	843.8	430.5	99.9	15.4	5.3	2.3	0.6				
-10		0.7	2.5	5.6	16.4	104.7	441.7	894.8	894.8	441.7	104.7	16.4	5.6	2.5	0.7				
-20	0.2	0.8	2.5	5.5	13.5	64.3	244.3	473.5	473.5	244.3	64.3	13.5	5.5	2.5	0.8				
-30		0.8	2.4	5.0	9.9	25.0	75.6	135.0	135.0	75.6	25.0	9.9	5.0	2.4	0.8				
-40	0.2	0.7	2.1	4.3	7.5	12.3	20.1	26.9	26.9	20.1	12.3	7.5	4.3	2.1	0.7				
-50		0.6	1.8	3.6	5.9	8.5	11.2	12.5	12.5	11.2	8.5	5.9	3.6	1.8	0.6				
-60	0.1	0.4	1.3	2.8	4.6	6.5	8.1	8.8	8.8	8.1	6.5	4.6	2.8	1.3	0.4				
-70		0.3	0.8	1.8	3.1	4.4	5.5	6.1	6.1	5.5	4.4	3.1	1.8	0.8	0.3				
-80	0.0	0.7	3.0	6.4	8.1	6.4	3.0	0.7	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

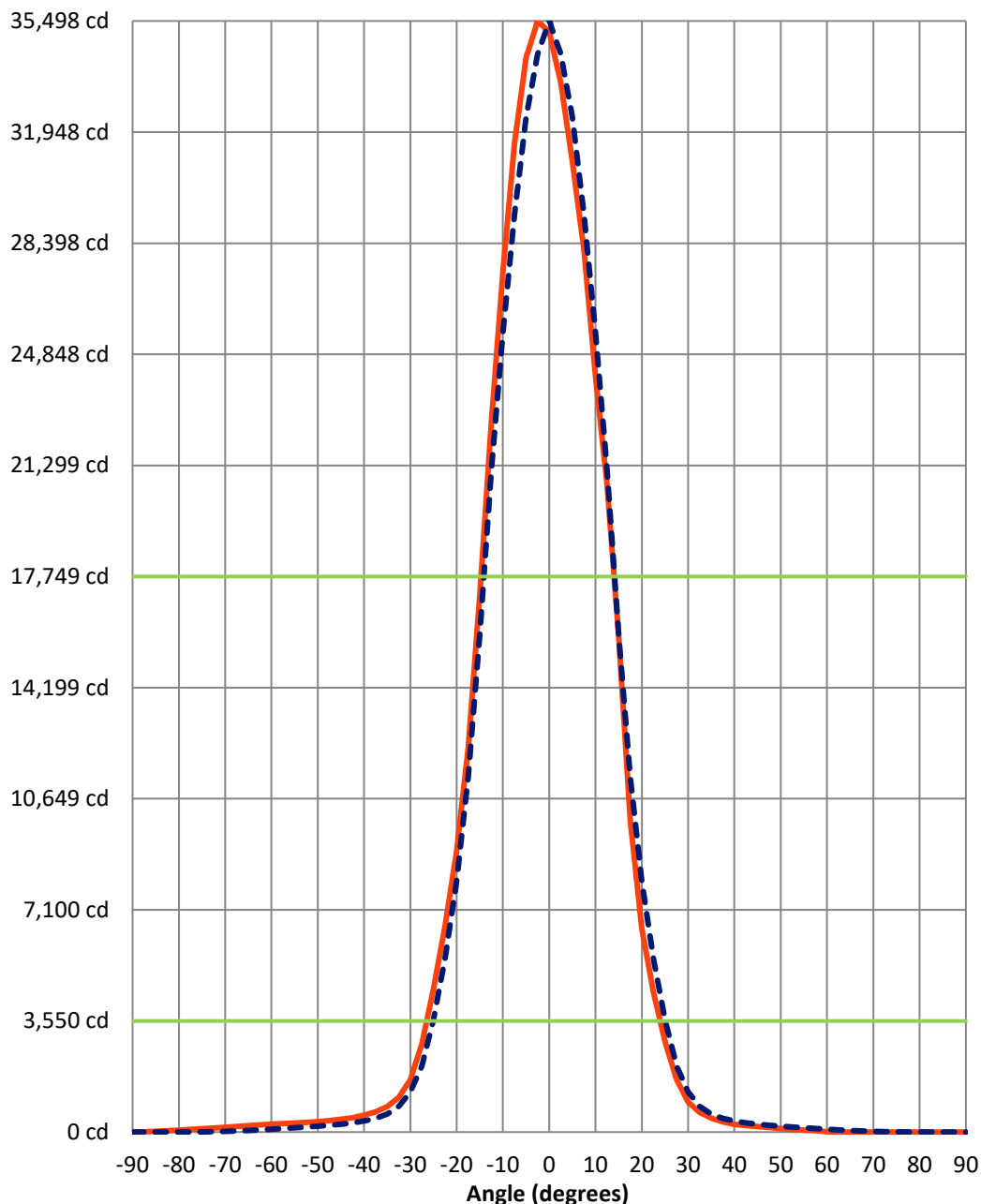
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 5034.1
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 8650.3
 Efficiency: 85.9%

Spill:
 Lumens: 1417.7
 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	2	1	1
50°	0	0	0	0	0	0	1	1	2	2	1
47.5°	0	0	0	0	0	0	1	2	2	2	2
45°	0	0	0	0	0	1	1	2	2	2	2
42.5°	0	0	0	0	0	1	2	2	2	2	4
40°	0	0	0	0	0	1	2	2	2	2	5
37.5°	0	0	0	0	0	2	2	2	3	3	7
35°	0	0	0	0	1	2	2	2	3	5	10
32.5°	0	0	0	0	1	2	2	2	4	7	12
30°	0	0	0	0	1	2	2	2	5	9	15
27.5°	0	0	0	0	1	2	2	3	6	11	18
25°	0	0	0	0	1	2	2	4	8	13	21
22.5°	0	0	0	0	2	2	2	5	9	16	25
20°	0	0	0	0	2	2	2	6	11	18	29
17.5°	0	0	0	0	2	2	2	6	12	21	32
15°	0	0	0	0	2	2	3	8	13	23	35
12.5°	0	0	0	0	2	2	3	9	15	26	38
10°	0	0	0	0	2	2	3	10	16	28	41
7.5°	0	0	0	0	2	2	4	11	17	30	43
5°	0	0	0	0	2	2	4	12	18	32	46
2.5°	0	0	0	0	2	2	4	13	19	34	48
0°	0	0	0	0	2	2	4	13	20	36	49
-2.5°	0	0	0	0	2	2	5	14	22	37	51
-5°	0	0	0	0	2	3	6	14	24	38	52
-7.5°	0	0	0	0	2	3	7	14	25	39	53
-10°	0	0	0	1	2	3	8	14	27	40	53
-12.5°	0	0	0	1	2	3	8	14	27	40	54
-15°	0	0	0	1	2	3	9	14	27	41	55
-17.5°	0	0	0	1	2	4	9	15	27	41	56
-20°	0	0	0	1	2	4	9	16	27	41	56

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REPORT NUMBER: P626944 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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	4	9	16	26	40	55
-25°	0	0	0	1	2	4	9	16	25	39	54
-27.5°	0	0	0	1	2	4	9	17	25	38	52
-30°	0	0	0	1	2	4	9	17	24	37	51
-32.5°	0	0	0	1	2	4	9	17	24	36	49
-35°	0	0	0	1	3	5	9	16	24	34	46
-37.5°	0	0	0	1	3	5	9	16	24	33	45
-40°	0	0	0	1	3	5	9	15	23	32	44
-42.5°	0	0	0	0	3	5	9	15	22	31	42
-45°	0	0	0	0	3	5	8	14	21	29	40
-47.5°	0	0	0	0	3	5	8	14	20	28	38
-50°	0	0	0	0	2	5	8	13	19	26	36
-52.5°	0	0	0	0	2	5	7	12	18	25	33
-55°	0	0	0	0	2	4	7	11	16	23	30
-57.5°	0	0	0	0	2	4	6	10	15	21	28
-60°	0	0	0	1	2	4	6	9	13	19	25
-62.5°	0	0	0	1	2	3	5	8	12	16	22
-65°	0	0	0	1	2	3	5	7	11	15	19
-67.5°	0	0	0	0	1	3	5	7	9	13	17
-70°	0	0	0	0	1	3	4	6	8	11	15
-72.5°	0	0	0	0	1	2	4	5	7	9	12
-75°	0	0	0	0	1	2	3	4	6	7	10
-77.5°	0	0	0	0	1	2	3	4	5	6	7
-80°	0	0	0	0	1	1	2	3	3	4	5
-82.5°	0	0	0	0	1	1	2	2	2	3	3
-85°	0	0	0	0	0	1	1	1	2	2	2
-87.5°	0	0	0	0	0	0	1	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626944 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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	1	1
60°	0	0	0	1	0	1	1	2	2	2	5
57.5°	0	0	1	1	2	2	4	4	7	10	12
55°	1	1	2	2	3	5	7	11	15	20	24
52.5°	1	2	2	3	7	10	14	20	25	30	34
50°	2	3	3	7	11	16	23	30	36	40	46
47.5°	3	3	7	12	17	25	34	40	45	53	62
45°	4	6	11	17	25	35	43	49	58	67	77
42.5°	6	10	16	22	34	44	52	61	70	81	91
40°	9	13	21	31	44	53	63	73	82	95	106
37.5°	12	18	27	40	52	63	74	85	97	110	123
35°	14	24	35	48	61	74	86	98	113	127	142
32.5°	18	29	41	55	69	83	97	113	128	144	162
30°	23	35	48	63	77	92	110	127	143	160	179
27.5°	28	40	54	69	84	101	122	140	156	175	196
25°	33	45	60	76	92	111	133	152	169	190	215
22.5°	37	50	67	81	100	122	144	165	185	205	234
20°	42	56	73	89	107	131	155	178	201	228	260
17.5°	46	62	79	97	117	141	166	192	218	250	290
15°	50	67	86	105	126	151	177	205	235	273	319
12.5°	53	71	91	112	134	160	187	216	251	296	353
10°	57	75	97	118	141	167	195	226	263	312	378
7.5°	60	79	102	124	147	174	202	234	273	325	399
5°	63	83	106	128	152	180	208	241	282	335	415
2.5°	65	87	109	131	156	183	212	245	287	345	428
0°	67	89	112	134	159	185	215	248	291	353	436
-2.5°	69	92	114	137	162	188	217	251	294	356	438
-5°	71	95	116	139	164	189	218	252	296	356	439
-7.5°	72	96	118	140	166	191	219	253	297	355	438
-10°	73	97	119	142	167	192	220	253	296	352	431
-12.5°	74	98	120	142	167	192	219	250	292	345	417
-15°	75	98	120	142	167	192	217	247	285	336	399
-17.5°	75	97	119	141	166	191	214	243	279	326	387
-20°	75	97	118	139	164	189	212	240	273	315	370

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REPORT NUMBER: P626944 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	75	96	116	137	161	185	209	235	266	301	350
-25°	74	95	115	135	157	181	205	229	258	292	333
-27.5°	72	93	113	133	154	176	199	223	250	281	316
-30°	69	90	110	130	150	171	193	216	240	269	302
-32.5°	66	87	106	126	146	166	186	208	232	257	286
-35°	63	83	102	121	141	161	179	199	222	246	270
-37.5°	61	79	98	116	135	155	172	191	211	234	257
-40°	59	75	94	111	128	148	165	182	200	222	244
-42.5°	56	72	89	106	123	140	158	174	191	211	232
-45°	54	68	84	101	117	133	149	166	183	201	220
-47.5°	51	65	80	95	111	126	141	157	175	191	208
-50°	47	61	75	88	103	119	134	148	164	181	197
-52.5°	44	56	69	82	96	111	126	141	154	169	184
-55°	39	51	63	75	88	102	116	131	145	158	172
-57.5°	36	45	57	69	80	92	106	120	133	147	160
-60°	32	40	50	61	73	84	95	108	121	134	146
-62.5°	28	36	44	53	64	75	86	97	109	120	131
-65°	25	31	38	46	55	65	75	86	96	105	114
-67.5°	21	26	32	39	47	55	63	72	82	90	98
-70°	18	22	27	32	39	45	52	60	67	75	82
-72.5°	15	19	22	26	31	37	43	49	55	61	68
-75°	12	15	18	21	25	29	34	40	45	50	55
-77.5°	10	12	14	17	19	23	27	31	35	39	43
-80°	7	9	11	13	15	17	20	22	25	28	32
-82.5°	5	6	8	9	10	12	13	15	17	19	21
-85°	3	3	4	5	6	7	7	8	10	11	12
-87.5°	1	2	2	3	3	3	3	3	4	4	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626944 (CONVERTED FROM TYPE C PHOTOMETRY)

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

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	1	0	0	0	0
62.5°	1	1	2	2	3	3	3	3	3	3	3
60°	6	6	8	10	10	8	11	13	12	10	10
57.5°	16	20	23	23	26	31	33	32	32	34	38
55°	27	30	33	37	42	46	49	52	54	57	61
52.5°	37	43	46	51	57	60	62	68	74	78	81
50°	53	59	64	71	76	82	86	93	100	108	112
47.5°	70	77	84	93	100	105	111	119	129	138	144
45°	85	93	103	111	119	126	135	145	155	164	171
42.5°	99	108	118	128	135	146	158	169	181	193	202
40°	115	124	139	149	158	169	187	203	218	232	241
37.5°	135	149	165	177	189	204	229	253	272	291	304
35°	157	175	195	208	226	254	284	317	351	377	401
32.5°	179	199	219	241	268	307	345	398	448	498	546
30°	199	221	245	273	317	371	434	515	604	692	792
27.5°	220	244	273	318	384	458	573	701	884	1032	1269
25°	242	270	309	380	472	602	803	1032	1411	1734	2098
22.5°	270	312	367	457	610	844	1157	1655	2237	2776	3291
20°	303	360	455	598	818	1177	1770	2527	3335	4125	4889
17.5°	348	438	574	777	1088	1844	2727	3808	5192	6231	7217
15°	388	503	708	1036	1623	2595	3829	5485	7348	8914	10686
12.5°	436	575	822	1248	2086	3371	4944	6919	9124	11502	14277
10°	478	648	967	1552	2570	4065	5828	8145	10978	14342	17850
7.5°	510	710	1088	1781	2977	4634	6737	9556	13142	17075	21076
5°	535	757	1183	1960	3323	5096	7401	10671	14760	19274	23252
2.5°	555	791	1246	2070	3557	5412	7854	11265	15750	20709	24886
0°	570	811	1281	2148	3666	5561	8064	11504	16213	21412	25708
-2.5°	575	822	1282	2121	3599	5552	8015	11357	15893	21133	25534
-5°	577	817	1250	2065	3482	5353	7694	10799	14916	19831	24291
-7.5°	573	795	1184	1926	3219	5001	7246	9972	13346	17679	22289
-10°	557	757	1096	1738	2856	4452	6548	8851	11547	15084	18820
-12.5°	530	700	973	1457	2430	3832	5688	7723	9824	12149	15221
-15°	496	641	873	1287	2034	3179	4682	6402	8145	9926	11800
-17.5°	471	591	771	1059	1562	2488	3690	5071	6486	7900	9162
-20°	439	530	671	895	1260	1808	2712	3787	4844	5997	6964

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626944 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-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°	410	488	593	734	980	1365	1881	2637	3441	4278	5072
-25°	383	441	525	639	785	1015	1355	1751	2314	2829	3419
-27.5°	360	409	466	550	661	787	995	1226	1522	1767	2161
-30°	338	377	424	478	559	655	767	907	1052	1197	1385
-32.5°	317	350	387	430	481	553	622	712	791	878	968
-35°	297	326	356	391	430	477	529	589	641	694	741
-37.5°	280	304	330	358	389	422	463	505	540	574	603
-40°	265	285	307	330	355	381	413	444	468	490	509
-42.5°	251	269	286	306	327	351	376	399	416	431	443
-45°	239	254	270	286	303	324	345	364	376	388	397
-47.5°	225	239	253	268	284	301	318	332	343	353	360
-50°	212	226	238	250	265	280	295	306	317	325	330
-52.5°	199	212	225	237	249	261	272	284	294	303	306
-55°	186	199	211	222	234	245	255	265	274	283	285
-57.5°	174	187	199	208	218	228	238	248	257	264	267
-60°	159	173	184	193	202	212	220	229	238	245	248
-62.5°	143	155	164	173	182	190	198	206	214	220	224
-65°	123	133	143	151	159	167	174	181	188	192	195
-67.5°	105	113	121	129	137	144	151	157	163	167	170
-70°	89	96	103	110	117	124	129	135	140	144	147
-72.5°	74	80	86	93	99	104	109	114	119	122	125
-75°	60	65	71	76	81	86	90	94	98	100	103
-77.5°	48	52	56	60	64	67	71	74	77	79	81
-80°	35	38	42	45	47	50	52	55	57	59	61
-82.5°	24	26	29	31	33	35	36	37	39	40	42
-85°	14	15	17	18	20	21	22	23	24	24	25
-87.5°	5	6	7	7	8	8	8	8	9	9	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626944 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	3	2	2	2	2	2	3	3	3	3	3
60°	10	9	9	9	9	9	10	10	10	12	13
57.5°	42	45	46	47	46	45	42	38	34	32	32
55°	63	66	66	65	66	66	63	61	57	54	52
52.5°	82	82	82	81	82	82	82	81	78	74	68
50°	114	113	113	114	113	113	114	112	108	100	93
47.5°	146	148	148	148	148	148	146	144	138	129	119
45°	175	177	178	177	178	177	175	171	164	155	145
42.5°	205	207	207	208	207	207	205	202	193	181	169
40°	245	247	247	246	247	247	245	241	232	218	203
37.5°	314	318	321	326	321	318	314	304	291	272	253
35°	420	431	437	447	437	431	420	401	377	351	317
32.5°	580	603	616	628	616	603	580	546	498	448	398
30°	862	908	927	961	927	908	862	792	692	604	515
27.5°	1443	1552	1595	1685	1595	1552	1443	1269	1032	884	701
25°	2431	2666	2796	2899	2796	2666	2431	2098	1734	1411	1032
22.5°	3811	4156	4341	4477	4341	4156	3811	3291	2776	2237	1655
20°	5581	6037	6309	6506	6309	6037	5581	4889	4125	3335	2527
17.5°	8482	9199	9618	9978	9618	9199	8482	7217	6231	5192	3808
15°	12663	14103	15222	15845	15222	14103	12663	10686	8914	7348	5485
12.5°	16731	18839	20092	20668	20092	18839	16731	14277	11502	9124	6919
10°	20753	22741	23933	24144	23933	22741	20753	17850	14342	10978	8145
7.5°	23833	26019	27603	28178	27603	26019	23833	21076	17075	13142	9556
5°	26553	29112	30788	31001	30788	29112	26553	23252	19274	14760	10671
2.5°	28553	31336	32961	33520	32961	31336	28553	24886	20709	15750	11265
0°	29521	32518	34327	35140	34327	32518	29521	25708	21412	16213	11504
-2.5°	29318	32418	34436	35498	34436	32418	29318	25534	21133	15893	11357
-5°	28203	31312	33194	34322	33194	31312	28203	24291	19831	14916	10799
-7.5°	25632	28540	30543	31584	30543	28540	25632	22289	17679	13346	9972
-10°	22320	24780	26607	27494	26607	24780	22320	18820	15084	11547	8851
-12.5°	18015	20402	22050	22677	22050	20402	18015	15221	12149	9824	7723
-15°	13803	15625	16795	17166	16795	15625	13803	11800	9926	8145	6402
-17.5°	10468	11448	12107	12284	12107	11448	10468	9162	7900	6486	5071
-20°	7842	8450	8877	8978	8877	8450	7842	6964	5997	4844	3787

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REPORT NUMBER: P626944 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	5714	6171	6516	6585	6516	6171	5714	5072	4278	3441	2637
-25°	3941	4324	4558	4575	4558	4324	3941	3419	2829	2314	1751
-27.5°	2471	2681	2789	2827	2789	2681	2471	2161	1767	1522	1226
-30°	1527	1624	1675	1676	1675	1624	1527	1385	1197	1052	907
-32.5°	1037	1083	1109	1109	1109	1083	1037	968	878	791	712
-35°	777	801	814	816	814	801	777	741	694	641	589
-37.5°	624	638	645	646	645	638	624	603	574	540	505
-40°	522	531	537	541	537	531	522	509	490	468	444
-42.5°	452	458	460	458	460	458	452	443	431	416	399
-45°	402	406	408	409	408	406	402	397	388	376	364
-47.5°	363	365	366	367	366	365	363	360	353	343	332
-50°	332	334	334	333	334	334	332	330	325	317	306
-52.5°	307	308	308	308	308	308	307	306	303	294	284
-55°	287	288	288	288	288	288	287	285	283	274	265
-57.5°	270	271	272	270	272	271	270	267	264	257	248
-60°	251	253	254	255	254	253	251	248	245	238	229
-62.5°	226	229	230	230	230	229	226	224	220	214	206
-65°	198	200	203	206	203	200	198	195	192	188	181
-67.5°	172	173	176	179	176	173	172	170	167	163	157
-70°	149	151	152	152	152	151	149	147	144	140	135
-72.5°	127	129	129	130	129	129	127	125	122	119	114
-75°	105	107	107	107	107	107	105	103	100	98	94
-77.5°	83	84	85	85	85	84	83	81	79	77	74
-80°	63	64	64	63	64	64	63	61	59	57	55
-82.5°	43	44	44	43	44	44	43	42	40	39	37
-85°	26	27	26	25	26	27	26	25	24	24	23
-87.5°	11	11	10	9	10	11	11	10	9	9	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626944 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-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°	1	0	0	0	0	0	0	0	0	0	0
62.5°	3	3	3	2	2	1	1	1	1	0	0
60°	11	8	10	10	8	6	6	5	2	2	2
57.5°	33	31	26	23	23	20	16	12	10	7	4
55°	49	46	42	37	33	30	27	24	20	15	11
52.5°	62	60	57	51	46	43	37	34	30	25	20
50°	86	82	76	71	64	59	53	46	40	36	30
47.5°	111	105	100	93	84	77	70	62	53	45	40
45°	135	126	119	111	103	93	85	77	67	58	49
42.5°	158	146	135	128	118	108	99	91	81	70	61
40°	187	169	158	149	139	124	115	106	95	82	73
37.5°	229	204	189	177	165	149	135	123	110	97	85
35°	284	254	226	208	195	175	157	142	127	113	98
32.5°	345	307	268	241	219	199	179	162	144	128	113
30°	434	371	317	273	245	221	199	179	160	143	127
27.5°	573	458	384	318	273	244	220	196	175	156	140
25°	803	602	472	380	309	270	242	215	190	169	152
22.5°	1157	844	610	457	367	312	270	234	205	185	165
20°	1770	1177	818	598	455	360	303	260	228	201	178
17.5°	2727	1844	1088	777	574	438	348	290	250	218	192
15°	3829	2595	1623	1036	708	503	388	319	273	235	205
12.5°	4944	3371	2086	1248	822	575	436	353	296	251	216
10°	5828	4065	2570	1552	967	648	478	378	312	263	226
7.5°	6737	4634	2977	1781	1088	710	510	399	325	273	234
5°	7401	5096	3323	1960	1183	757	535	415	335	282	241
2.5°	7854	5412	3557	2070	1246	791	555	428	345	287	245
0°	8064	5561	3666	2148	1281	811	570	436	353	291	248
-2.5°	8015	5552	3599	2121	1282	822	575	438	356	294	251
-5°	7694	5353	3482	2065	1250	817	577	439	356	296	252
-7.5°	7246	5001	3219	1926	1184	795	573	438	355	297	253
-10°	6548	4452	2856	1738	1096	757	557	431	352	296	253
-12.5°	5688	3832	2430	1457	973	700	530	417	345	292	250
-15°	4682	3179	2034	1287	873	641	496	399	336	285	247
-17.5°	3690	2488	1562	1059	771	591	471	387	326	279	243
-20°	2712	1808	1260	895	671	530	439	370	315	273	240

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REPORT NUMBER: P626944 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	1881	1365	980	734	593	488	410	350	301	266	235
-25°	1355	1015	785	639	525	441	383	333	292	258	229
-27.5°	995	787	661	550	466	409	360	316	281	250	223
-30°	767	655	559	478	424	377	338	302	269	240	216
-32.5°	622	553	481	430	387	350	317	286	257	232	208
-35°	529	477	430	391	356	326	297	270	246	222	199
-37.5°	463	422	389	358	330	304	280	257	234	211	191
-40°	413	381	355	330	307	285	265	244	222	200	182
-42.5°	376	351	327	306	286	269	251	232	211	191	174
-45°	345	324	303	286	270	254	239	220	201	183	166
-47.5°	318	301	284	268	253	239	225	208	191	175	157
-50°	295	280	265	250	238	226	212	197	181	164	148
-52.5°	272	261	249	237	225	212	199	184	169	154	141
-55°	255	245	234	222	211	199	186	172	158	145	131
-57.5°	238	228	218	208	199	187	174	160	147	133	120
-60°	220	212	202	193	184	173	159	146	134	121	108
-62.5°	198	190	182	173	164	155	143	131	120	109	97
-65°	174	167	159	151	143	133	123	114	105	96	86
-67.5°	151	144	137	129	121	113	105	98	90	82	72
-70°	129	124	117	110	103	96	89	82	75	67	60
-72.5°	109	104	99	93	86	80	74	68	61	55	49
-75°	90	86	81	76	71	65	60	55	50	45	40
-77.5°	71	67	64	60	56	52	48	43	39	35	31
-80°	52	50	47	45	42	38	35	32	28	25	22
-82.5°	36	35	33	31	29	26	24	21	19	17	15
-85°	22	21	20	18	17	15	14	12	11	10	8
-87.5°	8	8	8	7	7	6	5	5	4	4	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626944 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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	1	0	0	0	1	0	0	0
57.5°	4	2	2	1	1	0	0	1	1	0	0
55°	7	5	3	2	2	1	1	1	1	1	0
52.5°	14	10	7	3	2	2	1	1	1	2	1
50°	23	16	11	7	3	3	2	1	2	2	1
47.5°	34	25	17	12	7	3	3	2	2	2	2
45°	43	35	25	17	11	6	4	2	2	2	2
42.5°	52	44	34	22	16	10	6	4	2	2	2
40°	63	53	44	31	21	13	9	5	2	2	2
37.5°	74	63	52	40	27	18	12	7	3	3	2
35°	86	74	61	48	35	24	14	10	5	3	2
32.5°	97	83	69	55	41	29	18	12	7	4	2
30°	110	92	77	63	48	35	23	15	9	5	2
27.5°	122	101	84	69	54	40	28	18	11	6	3
25°	133	111	92	76	60	45	33	21	13	8	4
22.5°	144	122	100	81	67	50	37	25	16	9	5
20°	155	131	107	89	73	56	42	29	18	11	6
17.5°	166	141	117	97	79	62	46	32	21	12	6
15°	177	151	126	105	86	67	50	35	23	13	8
12.5°	187	160	134	112	91	71	53	38	26	15	9
10°	195	167	141	118	97	75	57	41	28	16	10
7.5°	202	174	147	124	102	79	60	43	30	17	11
5°	208	180	152	128	106	83	63	46	32	18	12
2.5°	212	183	156	131	109	87	65	48	34	19	13
0°	215	185	159	134	112	89	67	49	36	20	13
-2.5°	217	188	162	137	114	92	69	51	37	22	14
-5°	218	189	164	139	116	95	71	52	38	24	14
-7.5°	219	191	166	140	118	96	72	53	39	25	14
-10°	220	192	167	142	119	97	73	53	40	27	14
-12.5°	219	192	167	142	120	98	74	54	40	27	14
-15°	217	192	167	142	120	98	75	55	41	27	14
-17.5°	214	191	166	141	119	97	75	56	41	27	15
-20°	212	189	164	139	118	97	75	56	41	27	16

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REPORT NUMBER: P626944 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	209	185	161	137	116	96	75	55	40	26	16
-25°	205	181	157	135	115	95	74	54	39	25	16
-27.5°	199	176	154	133	113	93	72	52	38	25	17
-30°	193	171	150	130	110	90	69	51	37	24	17
-32.5°	186	166	146	126	106	87	66	49	36	24	17
-35°	179	161	141	121	102	83	63	46	34	24	16
-37.5°	172	155	135	116	98	79	61	45	33	24	16
-40°	165	148	128	111	94	75	59	44	32	23	15
-42.5°	158	140	123	106	89	72	56	42	31	22	15
-45°	149	133	117	101	84	68	54	40	29	21	14
-47.5°	141	126	111	95	80	65	51	38	28	20	14
-50°	134	119	103	88	75	61	47	36	26	19	13
-52.5°	126	111	96	82	69	56	44	33	25	18	12
-55°	116	102	88	75	63	51	39	30	23	16	11
-57.5°	106	92	80	69	57	45	36	28	21	15	10
-60°	95	84	73	61	50	40	32	25	19	13	9
-62.5°	86	75	64	53	44	36	28	22	16	12	8
-65°	75	65	55	46	38	31	25	19	15	11	7
-67.5°	63	55	47	39	32	26	21	17	13	9	7
-70°	52	45	39	32	27	22	18	15	11	8	6
-72.5°	43	37	31	26	22	19	15	12	9	7	5
-75°	34	29	25	21	18	15	12	10	7	6	4
-77.5°	27	23	19	17	14	12	10	7	6	5	4
-80°	20	17	15	13	11	9	7	5	4	3	3
-82.5°	13	12	10	9	8	6	5	3	3	2	2
-85°	7	7	6	5	4	3	3	2	2	2	1
-87.5°	3	3	3	3	2	2	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: P626944 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-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°	2	1	0	0	0	0	0
40°	2	1	0	0	0	0	0
37.5°	2	2	0	0	0	0	0
35°	2	2	1	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	2	0	0	0	0
20°	2	2	2	0	0	0	0
17.5°	2	2	2	0	0	0	0
15°	3	2	2	0	0	0	0
12.5°	3	2	2	0	0	0	0
10°	3	2	2	0	0	0	0
7.5°	4	2	2	0	0	0	0
5°	4	2	2	0	0	0	0
2.5°	4	2	2	0	0	0	0
0°	4	2	2	0	0	0	0
-2.5°	5	2	2	0	0	0	0
-5°	6	3	2	0	0	0	0
-7.5°	7	3	2	0	0	0	0
-10°	8	3	2	1	0	0	0
-12.5°	8	3	2	1	0	0	0
-15°	9	3	2	1	0	0	0
-17.5°	9	4	2	1	0	0	0
-20°	9	4	2	1	0	0	0

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REPORT NUMBER: P626944 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)