

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: P626994 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-750-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626994 (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-750-U-MR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (32) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

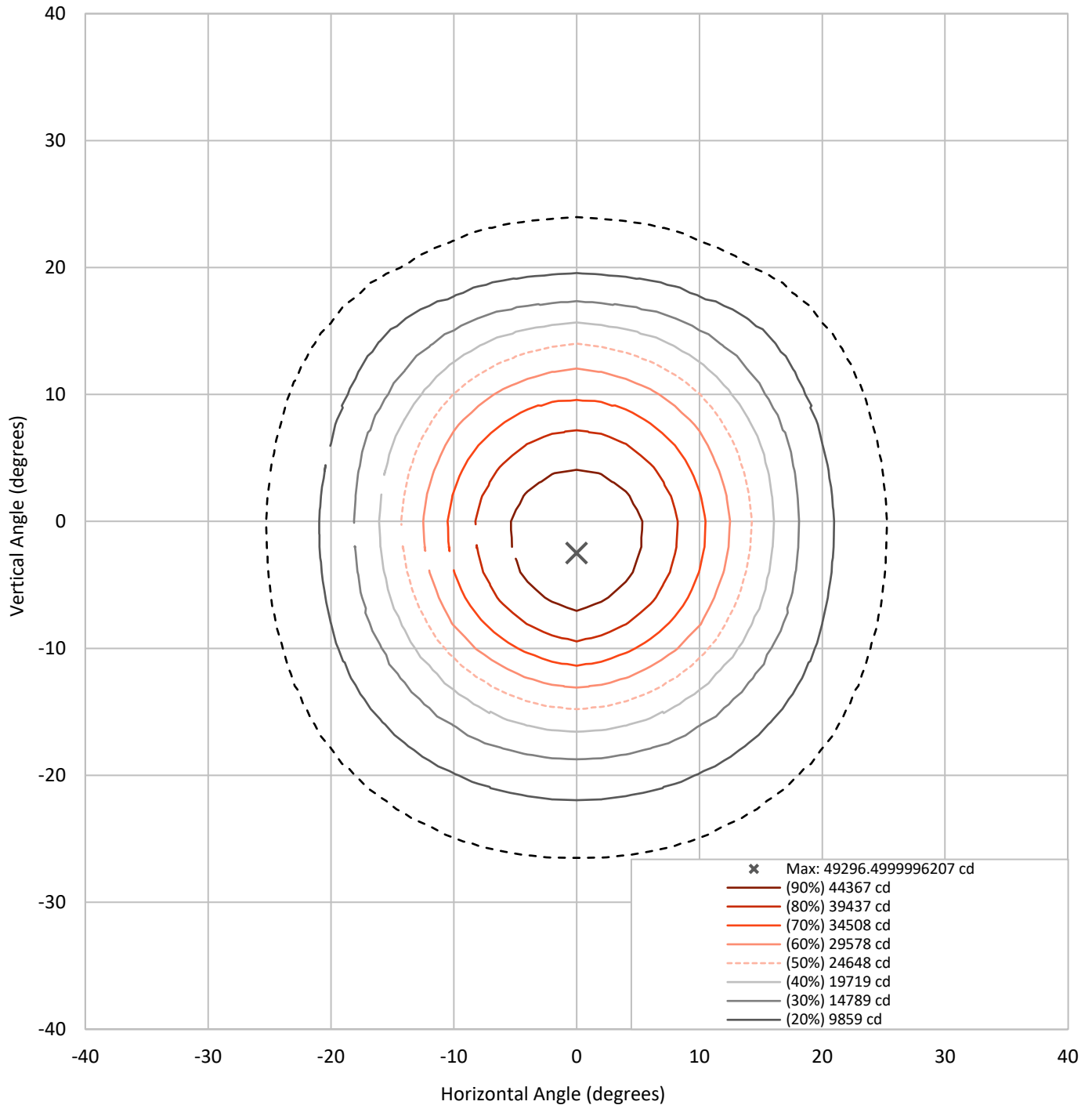
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	13981.6 lumens	Max Intensity:	49296.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	128.6 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:	6990.9 lumens	Field Lumens:	12012.8 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		



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### Iso-Candela Plot





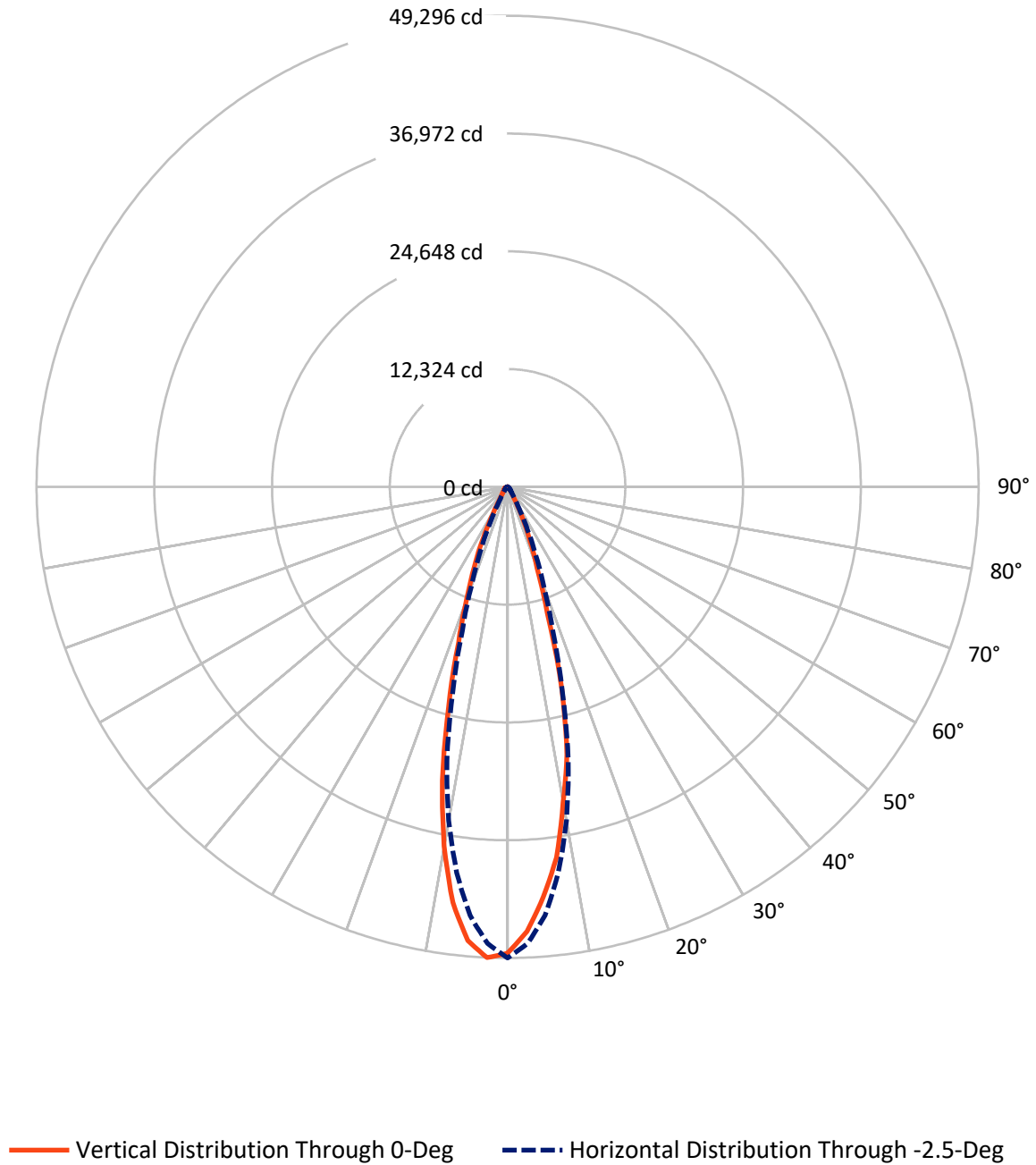
REPORT NUMBER: P626994 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table

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	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	0.0
70	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	0.0	0.0	0.0
60		0.0	0.1	0.4	1.0	1.6	2.2	2.6	2.6	2.2	1.6	1.0	0.4	0.1			
50	0.0	0.1	0.5	1.5	2.9	4.5	6.4	7.5	7.5	6.4	4.5	2.9	1.5	0.5	0.1	0.0	0.0
40		0.2	1.2	3.0	5.5	9.0	15.1	20.1	20.1	15.1	9.0	5.5	3.0	1.2	0.2		
30	0.1	0.4	1.9	4.6	8.7	21.1	66.4	121.7	121.7	66.4	21.1	8.7	4.6	1.9	0.4	0.1	0.1
20		0.7	2.6	6.2	14.9	72.8	296.1	579.8	579.8	296.1	72.8	14.9	6.2	2.6	0.7		
10	0.2	0.9	3.2	7.4	21.3	138.8	597.9	1171.8	1171.8	597.9	138.8	21.3	7.4	3.2	0.9	0.2	0.2
0		1.0	3.4	7.8	22.8	145.4	613.5	1242.6	1242.6	613.5	145.4	22.8	7.8	3.4	1.0		
-10	0.3	1.1	3.5	7.6	18.8	89.3	339.2	657.6	657.6	339.2	89.3	18.8	7.6	3.5	1.1	0.3	0.3
-20		1.0	3.3	7.0	13.7	34.7	105.1	187.4	187.4	105.1	34.7	13.7	7.0	3.3	1.0		
-30	0.3	0.9	3.0	6.0	10.4	17.1	27.9	37.4	37.4	27.9	17.1	10.4	6.0	3.0	0.9	0.3	0.3
-40		0.8	2.5	5.0	8.2	11.8	15.5	17.4	17.4	15.5	11.8	8.2	5.0	2.5	0.8		
-50	0.2	0.6	1.9	3.9	6.4	9.0	11.2	12.2	12.2	11.2	9.0	6.4	3.9	1.9	0.6	0.2	0.2
-60		0.4	1.2	2.6	4.3	6.1	7.6	8.5	8.5	7.6	6.1	4.3	2.6	1.2	0.4		
-70	0.1	0.4	1.2	2.6	4.3	6.1	7.6	8.5	8.5	7.6	6.1	4.3	2.6	1.2	0.4	0.1	0.1
-80		0.9	4.1	8.9	11.3	8.9	4.1	0.9	0.1								
-90	0.1	0.9	4.1	8.9	11.3	8.9	4.1	0.9	0.1								

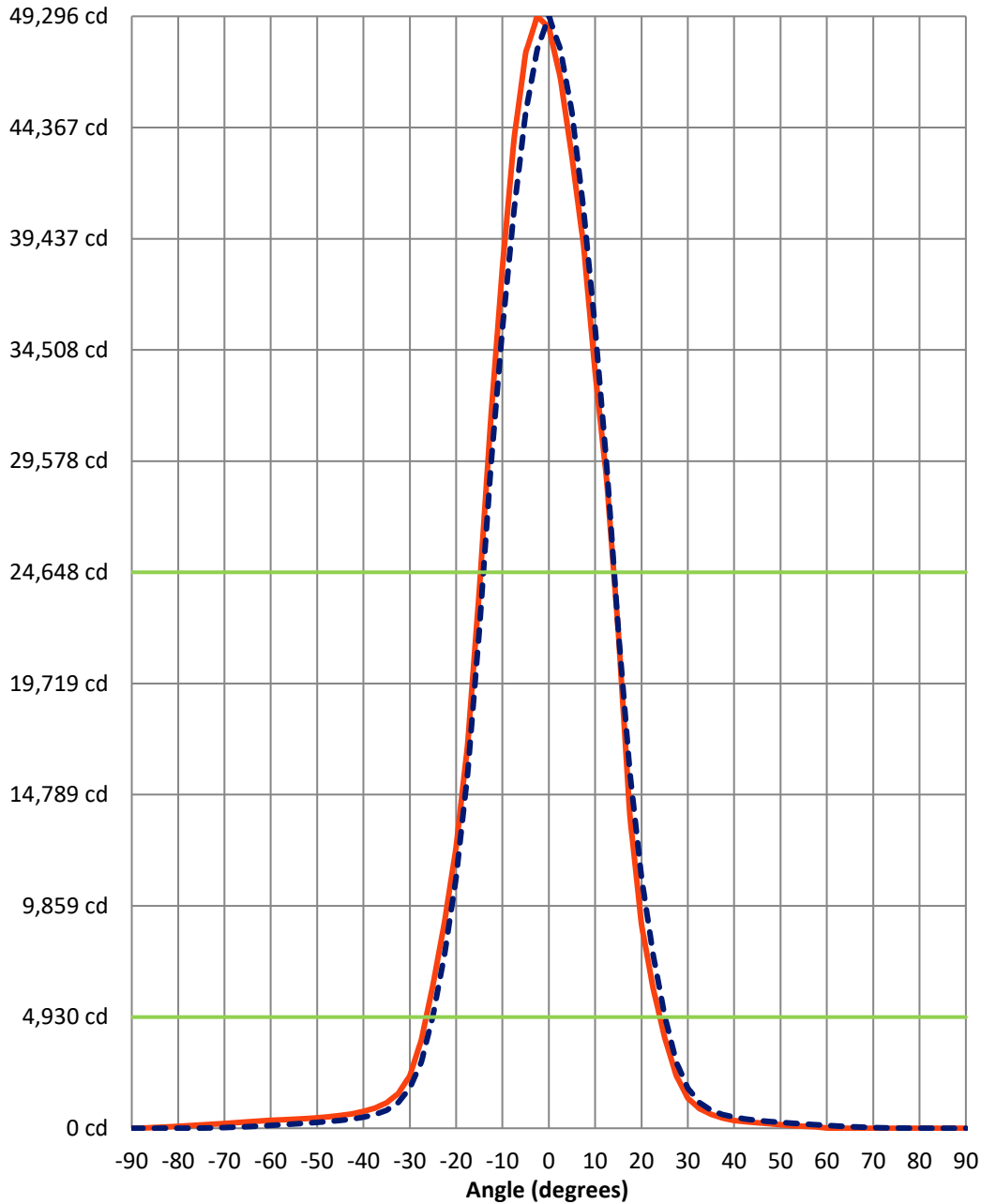
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 6990.9  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 12012.8  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 1968.8  
 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	1	1
57.5°	0	0	0	0	0	0	0	0	1	1	1
55°	0	0	0	0	0	0	0	0	1	2	1
52.5°	0	0	0	0	0	0	1	1	2	2	1
50°	0	0	0	0	0	0	1	2	3	2	2
47.5°	0	0	0	0	0	1	1	2	3	2	3
45°	0	0	0	0	0	1	2	3	3	3	3
42.5°	0	0	0	0	0	1	2	3	3	3	5
40°	0	0	0	0	0	2	2	3	3	3	7
37.5°	0	0	0	0	0	2	3	3	4	5	10
35°	0	0	0	0	1	2	3	3	5	7	13
32.5°	0	0	0	0	1	3	3	3	6	10	17
30°	0	0	0	0	1	3	3	3	7	13	21
27.5°	0	0	0	0	2	3	3	4	9	16	25
25°	0	0	0	0	2	3	3	5	11	19	29
22.5°	0	0	0	0	2	3	3	7	13	22	35
20°	0	0	0	0	2	3	3	8	15	26	40
17.5°	0	0	0	0	3	3	3	9	17	29	45
15°	0	0	0	0	3	3	4	10	19	33	49
12.5°	0	0	0	0	3	3	4	12	20	36	53
10°	0	0	0	0	3	3	4	14	22	39	57
7.5°	0	0	0	0	3	3	5	15	24	42	60
5°	0	0	0	0	3	3	5	16	25	45	63
2.5°	0	0	0	0	3	3	6	18	27	48	66
0°	0	0	0	0	3	3	6	19	28	50	68
-2.5°	0	0	0	0	3	3	7	19	31	51	70
-5°	0	0	0	0	3	4	9	19	33	53	72
-7.5°	0	0	0	1	3	4	10	19	35	54	73
-10°	0	0	0	1	3	4	11	20	37	55	74
-12.5°	0	0	0	1	3	5	11	20	38	56	76
-15°	0	0	0	1	3	5	12	20	38	57	77
-17.5°	0	0	0	1	3	5	12	21	38	57	78
-20°	0	0	0	1	3	5	13	22	37	57	78

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CATALOG NUMBER: GFLD-SA2D-750-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	3	5	13	22	36	56	77
-25°	0	0	0	1	3	5	13	23	35	55	74
-27.5°	0	0	0	1	3	6	13	23	34	53	73
-30°	0	0	0	1	3	6	13	23	34	51	71
-32.5°	0	0	0	1	3	6	13	23	34	50	68
-35°	0	0	0	1	4	6	13	23	33	48	64
-37.5°	0	0	0	1	4	6	13	22	33	46	63
-40°	0	0	0	1	4	7	12	21	32	44	61
-42.5°	0	0	0	1	4	7	12	20	30	43	59
-45°	0	0	0	1	4	7	12	20	29	41	56
-47.5°	0	0	0	0	4	7	11	19	28	38	53
-50°	0	0	0	0	3	7	11	18	26	36	49
-52.5°	0	0	0	1	3	6	10	16	25	34	45
-55°	0	0	0	1	3	6	10	15	23	31	42
-57.5°	0	0	0	1	3	6	9	14	20	29	38
-60°	0	0	0	1	2	5	8	12	18	26	34
-62.5°	0	0	0	1	2	5	8	11	16	23	31
-65°	0	0	0	1	2	4	7	10	15	20	27
-67.5°	0	0	0	1	2	4	6	9	13	18	23
-70°	0	0	0	1	2	4	6	8	11	15	20
-72.5°	0	0	0	1	2	3	5	7	10	13	17
-75°	0	0	0	1	1	3	5	6	8	10	14
-77.5°	0	0	0	0	1	2	4	5	6	8	10
-80°	0	0	0	0	1	2	3	4	5	6	7
-82.5°	0	0	0	0	1	1	2	3	3	4	5
-85°	0	0	0	0	1	1	2	2	2	2	3
-87.5°	0	0	0	0	0	1	1	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA2D-750-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	1	0	1	1
60°	0	0	0	1	1	1	2	3	3	3	6
57.5°	0	1	1	2	2	4	5	6	10	14	17
55°	1	2	2	3	4	7	10	15	21	27	33
52.5°	2	3	3	5	9	13	20	27	35	41	47
50°	3	4	4	10	15	23	32	42	49	55	64
47.5°	4	5	9	16	24	34	47	56	63	74	87
45°	6	9	15	24	34	49	60	68	80	93	106
42.5°	8	14	22	31	48	62	72	84	97	112	126
40°	12	19	30	44	61	74	88	101	114	131	147
37.5°	16	26	38	56	73	88	103	118	135	153	170
35°	20	33	48	66	84	102	119	136	157	177	197
32.5°	25	40	57	77	96	116	134	157	178	200	225
30°	32	48	66	87	107	128	152	177	198	223	249
27.5°	39	55	75	96	117	140	169	194	217	243	272
25°	45	63	83	105	128	155	185	211	235	264	299
22.5°	52	70	93	113	138	169	200	229	257	285	325
20°	58	78	102	124	148	183	215	247	280	316	361
17.5°	64	86	110	135	162	196	231	266	302	347	402
15°	69	93	119	145	175	210	246	285	327	379	442
12.5°	74	99	127	155	186	222	259	300	348	411	490
10°	79	105	135	164	196	233	271	313	366	433	525
7.5°	83	110	142	172	204	242	281	325	380	451	554
5°	87	116	147	178	211	250	289	334	391	465	576
2.5°	90	120	152	182	216	254	294	340	399	479	594
0°	93	124	155	186	220	258	298	344	403	490	605
-2.5°	96	128	159	190	225	261	301	348	409	494	608
-5°	98	131	161	193	228	263	303	350	411	494	609
-7.5°	100	134	163	195	230	265	305	351	413	493	609
-10°	101	135	165	197	232	266	305	351	411	488	599
-12.5°	103	136	166	198	232	267	304	348	405	479	580
-15°	104	136	166	197	232	267	301	342	396	467	554
-17.5°	105	135	165	196	230	265	298	337	387	453	537
-20°	105	134	164	193	227	262	295	333	379	438	513

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	104	133	162	190	223	257	290	326	369	419	486
-25°	102	132	159	187	218	251	284	317	359	406	463
-27.5°	100	129	157	184	213	244	277	310	347	390	439
-30°	96	126	153	180	208	238	268	300	334	374	419
-32.5°	91	121	148	175	203	231	258	289	322	357	397
-35°	87	116	142	168	196	223	249	277	309	341	375
-37.5°	85	110	136	161	188	215	239	265	293	325	356
-40°	81	104	130	154	178	205	229	252	278	309	339
-42.5°	78	100	123	147	170	194	219	241	265	293	322
-45°	74	95	117	140	162	184	207	231	254	279	306
-47.5°	70	90	111	131	154	176	196	218	242	266	289
-50°	66	85	104	123	144	166	187	206	228	251	274
-52.5°	61	78	96	114	133	154	175	195	214	234	256
-55°	55	71	88	104	122	141	161	181	201	219	238
-57.5°	49	63	79	95	111	127	147	166	185	204	223
-60°	44	56	70	85	101	116	132	150	168	186	203
-62.5°	39	49	61	74	89	104	119	135	151	166	181
-65°	34	43	53	64	76	90	104	119	134	146	158
-67.5°	29	37	45	54	65	76	87	100	114	125	136
-70°	25	31	37	45	54	63	73	83	93	103	114
-72.5°	21	26	31	36	43	51	60	68	76	85	94
-75°	17	21	25	29	35	41	48	55	62	69	76
-77.5°	13	17	20	23	27	32	37	43	49	55	60
-80°	10	12	15	18	21	24	27	31	35	40	44
-82.5°	6	8	11	13	14	16	18	20	23	27	30
-85°	4	5	6	8	8	9	10	11	13	15	17
-87.5°	2	2	3	4	4	4	4	4	5	6	7
-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	1	1	1	0	0	0
62.5°	1	1	2	3	4	4	4	4	4	4	4
60°	8	8	12	14	14	11	15	18	17	14	14
57.5°	22	27	31	33	37	43	45	44	45	47	53
55°	38	42	45	52	58	64	69	72	75	79	84
52.5°	52	59	64	71	79	84	86	95	102	108	112
50°	74	81	89	98	106	114	120	128	139	149	156
47.5°	97	106	117	130	139	146	154	166	180	192	200
45°	118	130	143	155	165	175	187	201	216	228	238
42.5°	138	150	164	178	187	202	219	234	252	268	280
40°	160	172	193	207	219	235	260	282	303	322	335
37.5°	187	207	229	246	263	283	318	351	378	404	423
35°	219	243	270	290	314	352	395	441	487	524	557
32.5°	249	276	304	334	372	426	479	553	622	692	758
30°	276	307	341	380	441	516	603	716	838	961	1100
27.5°	305	339	379	441	533	636	796	974	1228	1433	1762
25°	336	375	429	528	656	836	1115	1433	1959	2408	2914
22.5°	374	433	510	634	847	1171	1606	2299	3106	3856	4570
20°	421	500	632	830	1135	1634	2459	3509	4632	5728	6789
17.5°	483	609	797	1079	1511	2560	3787	5288	7210	8654	10022
15°	539	698	984	1439	2254	3604	5317	7616	10204	12379	14840
12.5°	606	798	1142	1732	2897	4682	6866	9608	12670	15972	19827
10°	664	900	1343	2156	3568	5645	8093	11312	15245	19917	24789
7.5°	709	986	1511	2473	4134	6435	9356	13270	18251	23712	29269
5°	743	1052	1643	2721	4615	7077	10277	14819	20497	26766	32291
2.5°	770	1098	1730	2874	4939	7515	10907	15643	21872	28759	34560
0°	791	1127	1778	2983	5090	7723	11199	15976	22516	29736	35701
-2.5°	799	1142	1781	2945	4998	7710	11131	15772	22071	29348	35459
-5°	802	1134	1736	2867	4836	7433	10685	14997	20715	27540	33733
-7.5°	796	1104	1645	2675	4470	6945	10063	13848	18534	24552	30953
-10°	774	1051	1522	2414	3967	6183	9094	12292	16036	20948	26135
-12.5°	735	972	1352	2024	3374	5321	7898	10725	13643	16872	21138
-15°	689	890	1213	1787	2825	4415	6502	8890	11312	13784	16387
-17.5°	654	820	1070	1471	2169	3455	5124	7043	9007	10970	12723
-20°	609	736	931	1243	1750	2511	3766	5259	6727	8328	9671

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626994 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-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°	569	677	823	1020	1361	1896	2612	3663	4778	5941	7044
-25°	532	613	729	887	1090	1409	1882	2431	3214	3929	4748
-27.5°	500	568	647	764	918	1092	1382	1703	2114	2455	3001
-30°	469	524	589	664	777	910	1065	1260	1461	1662	1924
-32.5°	440	486	537	598	668	767	864	989	1099	1220	1345
-35°	412	453	495	543	597	662	735	818	891	964	1029
-37.5°	388	422	459	497	540	585	643	701	750	797	838
-40°	368	396	426	458	493	529	574	617	650	681	706
-42.5°	349	374	398	425	453	487	522	555	577	599	616
-45°	331	353	375	397	420	450	479	505	523	539	551
-47.5°	312	332	352	372	395	418	442	461	477	490	500
-50°	294	313	331	348	368	389	409	426	440	452	458
-52.5°	276	294	312	329	346	362	378	394	408	420	425
-55°	258	276	293	309	325	340	355	368	381	393	396
-57.5°	241	259	276	290	303	317	331	344	356	367	371
-60°	221	240	255	268	281	294	306	318	330	340	345
-62.5°	198	215	228	241	253	264	275	286	297	306	310
-65°	170	185	198	210	221	231	242	251	260	267	271
-67.5°	146	157	168	179	190	200	209	218	226	232	236
-70°	124	133	143	153	163	172	180	187	195	200	204
-72.5°	102	111	120	129	138	145	152	159	165	170	173
-75°	83	90	98	106	113	119	125	130	136	140	143
-77.5°	66	72	77	83	88	93	98	102	107	110	112
-80°	49	53	58	62	66	69	73	76	80	83	85
-82.5°	33	36	40	43	46	49	50	52	54	56	58
-85°	19	21	23	25	27	29	30	31	33	34	35
-87.5°	8	8	9	10	11	11	12	12	12	13	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626994 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-750-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	1
62.5°	4	3	3	3	3	3	4	4	4	4	4
60°	13	12	12	12	12	12	13	14	14	17	18
57.5°	58	62	64	65	64	62	58	53	47	45	44
55°	88	91	91	90	91	91	88	84	79	75	72
52.5°	114	114	113	112	113	114	114	112	108	102	95
50°	158	157	157	158	157	157	158	156	149	139	128
47.5°	203	205	206	205	206	205	203	200	192	180	166
45°	242	245	247	245	247	245	242	238	228	216	201
42.5°	285	287	288	289	288	287	285	280	268	252	234
40°	341	343	342	341	342	343	341	335	322	303	282
37.5°	436	442	445	453	445	442	436	423	404	378	351
35°	583	599	608	621	608	599	583	557	524	487	441
32.5°	805	838	855	872	855	838	805	758	692	622	553
30°	1197	1261	1287	1335	1287	1261	1197	1100	961	838	716
27.5°	2004	2156	2215	2340	2215	2156	2004	1762	1433	1228	974
25°	3375	3703	3883	4026	3883	3703	3375	2914	2408	1959	1433
22.5°	5292	5772	6028	6217	6028	5772	5292	4570	3856	3106	2299
20°	7751	8384	8761	9036	8761	8384	7751	6789	5728	4632	3509
17.5°	11780	12774	13356	13856	13356	12774	11780	10022	8654	7210	5288
15°	17586	19585	21138	22004	21138	19585	17586	14840	12379	10204	7616
12.5°	23234	26162	27902	28702	27902	26162	23234	19827	15972	12670	9608
10°	28820	31581	33236	33529	33236	31581	28820	24789	19917	15245	11312
7.5°	33097	36133	38332	39131	38332	36133	33097	29269	23712	18251	13270
5°	36874	40429	42756	43051	42756	40429	36874	32291	26766	20497	14819
2.5°	39652	43517	45774	46550	45774	43517	39652	34560	28759	21872	15643
0°	40997	45159	47670	48800	47670	45159	40997	35701	29736	22516	15976
-2.5°	40714	45019	47822	49296	47822	45019	40714	35459	29348	22071	15772
-5°	39166	43483	46097	47664	46097	43483	39166	33733	27540	20715	14997
-7.5°	35596	39634	42416	43861	42416	39634	35596	30953	24552	18534	13848
-10°	30996	34413	36949	38181	36949	34413	30996	26135	20948	16036	12292
-12.5°	25018	28333	30621	31492	30621	28333	25018	21138	16872	13643	10725
-15°	19169	21698	23324	23838	23324	21698	19169	16387	13784	11312	8890
-17.5°	14537	15899	16813	17059	16813	15899	14537	12723	10970	9007	7043
-20°	10891	11735	12328	12469	12328	11735	10891	9671	8328	6727	5259

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REPORT NUMBER: P626994 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-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°	7935	8570	9049	9144	9049	8570	7935	7044	5941	4778	3663
-25°	5474	6004	6329	6354	6329	6004	5474	4748	3929	3214	2431
-27.5°	3432	3723	3873	3927	3873	3723	3432	3001	2455	2114	1703
-30°	2121	2255	2326	2328	2326	2255	2121	1924	1662	1461	1260
-32.5°	1439	1504	1540	1540	1540	1504	1439	1345	1220	1099	989
-35°	1078	1112	1131	1133	1131	1112	1078	1029	964	891	818
-37.5°	867	886	895	897	895	886	867	838	797	750	701
-40°	725	738	746	751	746	738	725	706	681	650	617
-42.5°	627	635	639	636	639	635	627	616	599	577	555
-45°	559	564	567	568	567	564	559	551	539	523	505
-47.5°	504	507	508	509	508	507	504	500	490	477	461
-50°	461	463	464	463	464	463	461	458	452	440	426
-52.5°	427	427	428	428	428	427	427	425	420	408	394
-55°	398	399	400	400	400	399	398	396	393	381	368
-57.5°	374	377	377	376	377	377	374	371	367	356	344
-60°	349	352	353	354	353	352	349	345	340	330	318
-62.5°	315	318	319	320	319	318	315	310	306	297	286
-65°	275	278	282	286	282	278	275	271	267	260	251
-67.5°	239	241	245	248	245	241	239	236	232	226	218
-70°	207	210	211	211	211	210	207	204	200	195	187
-72.5°	176	179	180	180	180	179	176	173	170	165	159
-75°	146	148	149	149	149	148	146	143	140	136	130
-77.5°	115	117	118	118	118	117	115	112	110	107	102
-80°	87	90	88	87	88	90	87	85	83	80	76
-82.5°	60	62	60	59	60	62	60	58	56	54	52
-85°	36	37	36	34	36	37	36	35	34	33	31
-87.5°	15	15	14	12	14	15	15	14	13	12	12
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626994 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-750-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	1	0	0	0	0	0	0	0	0	0
62.5°	4	4	4	3	2	1	1	1	1	0	1
60°	15	11	14	14	12	8	8	6	3	3	3
57.5°	45	43	37	33	31	27	22	17	14	10	6
55°	69	64	58	52	45	42	38	33	27	21	15
52.5°	86	84	79	71	64	59	52	47	41	35	27
50°	120	114	106	98	89	81	74	64	55	49	42
47.5°	154	146	139	130	117	106	97	87	74	63	56
45°	187	175	165	155	143	130	118	106	93	80	68
42.5°	219	202	187	178	164	150	138	126	112	97	84
40°	260	235	219	207	193	172	160	147	131	114	101
37.5°	318	283	263	246	229	207	187	170	153	135	118
35°	395	352	314	290	270	243	219	197	177	157	136
32.5°	479	426	372	334	304	276	249	225	200	178	157
30°	603	516	441	380	341	307	276	249	223	198	177
27.5°	796	636	533	441	379	339	305	272	243	217	194
25°	1115	836	656	528	429	375	336	299	264	235	211
22.5°	1606	1171	847	634	510	433	374	325	285	257	229
20°	2459	1634	1135	830	632	500	421	361	316	280	247
17.5°	3787	2560	1511	1079	797	609	483	402	347	302	266
15°	5317	3604	2254	1439	984	698	539	442	379	327	285
12.5°	6866	4682	2897	1732	1142	798	606	490	411	348	300
10°	8093	5645	3568	2156	1343	900	664	525	433	366	313
7.5°	9356	6435	4134	2473	1511	986	709	554	451	380	325
5°	10277	7077	4615	2721	1643	1052	743	576	465	391	334
2.5°	10907	7515	4939	2874	1730	1098	770	594	479	399	340
0°	11199	7723	5090	2983	1778	1127	791	605	490	403	344
-2.5°	11131	7710	4998	2945	1781	1142	799	608	494	409	348
-5°	10685	7433	4836	2867	1736	1134	802	609	494	411	350
-7.5°	10063	6945	4470	2675	1645	1104	796	609	493	413	351
-10°	9094	6183	3967	2414	1522	1051	774	599	488	411	351
-12.5°	7898	5321	3374	2024	1352	972	735	580	479	405	348
-15°	6502	4415	2825	1787	1213	890	689	554	467	396	342
-17.5°	5124	3455	2169	1471	1070	820	654	537	453	387	337
-20°	3766	2511	1750	1243	931	736	609	513	438	379	333

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REPORT NUMBER: P626994 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-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°	2612	1896	1361	1020	823	677	569	486	419	369	326
-25°	1882	1409	1090	887	729	613	532	463	406	359	317
-27.5°	1382	1092	918	764	647	568	500	439	390	347	310
-30°	1065	910	777	664	589	524	469	419	374	334	300
-32.5°	864	767	668	598	537	486	440	397	357	322	289
-35°	735	662	597	543	495	453	412	375	341	309	277
-37.5°	643	585	540	497	459	422	388	356	325	293	265
-40°	574	529	493	458	426	396	368	339	309	278	252
-42.5°	522	487	453	425	398	374	349	322	293	265	241
-45°	479	450	420	397	375	353	331	306	279	254	231
-47.5°	442	418	395	372	352	332	312	289	266	242	218
-50°	409	389	368	348	331	313	294	274	251	228	206
-52.5°	378	362	346	329	312	294	276	256	234	214	195
-55°	355	340	325	309	293	276	258	238	219	201	181
-57.5°	331	317	303	290	276	259	241	223	204	185	166
-60°	306	294	281	268	255	240	221	203	186	168	150
-62.5°	275	264	253	241	228	215	198	181	166	151	135
-65°	242	231	221	210	198	185	170	158	146	134	119
-67.5°	209	200	190	179	168	157	146	136	125	114	100
-70°	180	172	163	153	143	133	124	114	103	93	83
-72.5°	152	145	138	129	120	111	102	94	85	76	68
-75°	125	119	113	106	98	90	83	76	69	62	55
-77.5°	98	93	88	83	77	72	66	60	55	49	43
-80°	73	69	66	62	58	53	49	44	40	35	31
-82.5°	50	49	46	43	40	36	33	30	27	23	20
-85°	30	29	27	25	23	21	19	17	15	13	11
-87.5°	12	11	11	10	9	8	8	7	6	5	4
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626994 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-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°	2	1	1	1	0	0	0	1	1	0	0
57.5°	5	4	2	2	1	1	0	1	1	1	0
55°	10	7	4	3	2	2	1	1	2	1	0
52.5°	20	13	9	5	3	3	2	1	2	2	1
50°	32	23	15	10	4	4	3	2	2	3	2
47.5°	47	34	24	16	9	5	4	3	2	3	2
45°	60	49	34	24	15	9	6	3	3	3	3
42.5°	72	62	48	31	22	14	8	5	3	3	3
40°	88	74	61	44	30	19	12	7	3	3	3
37.5°	103	88	73	56	38	26	16	10	5	4	3
35°	119	102	84	66	48	33	20	13	7	5	3
32.5°	134	116	96	77	57	40	25	17	10	6	3
30°	152	128	107	87	66	48	32	21	13	7	3
27.5°	169	140	117	96	75	55	39	25	16	9	4
25°	185	155	128	105	83	63	45	29	19	11	5
22.5°	200	169	138	113	93	70	52	35	22	13	7
20°	215	183	148	124	102	78	58	40	26	15	8
17.5°	231	196	162	135	110	86	64	45	29	17	9
15°	246	210	175	145	119	93	69	49	33	19	10
12.5°	259	222	186	155	127	99	74	53	36	20	12
10°	271	233	196	164	135	105	79	57	39	22	14
7.5°	281	242	204	172	142	110	83	60	42	24	15
5°	289	250	211	178	147	116	87	63	45	25	16
2.5°	294	254	216	182	152	120	90	66	48	27	18
0°	298	258	220	186	155	124	93	68	50	28	19
-2.5°	301	261	225	190	159	128	96	70	51	31	19
-5°	303	263	228	193	161	131	98	72	53	33	19
-7.5°	305	265	230	195	163	134	100	73	54	35	19
-10°	305	266	232	197	165	135	101	74	55	37	20
-12.5°	304	267	232	198	166	136	103	76	56	38	20
-15°	301	267	232	197	166	136	104	77	57	38	20
-17.5°	298	265	230	196	165	135	105	78	57	38	21
-20°	295	262	227	193	164	134	105	78	57	37	22

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REPORT NUMBER: P626994 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-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°	290	257	223	190	162	133	104	77	56	36	22
-25°	284	251	218	187	159	132	102	74	55	35	23
-27.5°	277	244	213	184	157	129	100	73	53	34	23
-30°	268	238	208	180	153	126	96	71	51	34	23
-32.5°	258	231	203	175	148	121	91	68	50	34	23
-35°	249	223	196	168	142	116	87	64	48	33	23
-37.5°	239	215	188	161	136	110	85	63	46	33	22
-40°	229	205	178	154	130	104	81	61	44	32	21
-42.5°	219	194	170	147	123	100	78	59	43	30	20
-45°	207	184	162	140	117	95	74	56	41	29	20
-47.5°	196	176	154	131	111	90	70	53	38	28	19
-50°	187	166	144	123	104	85	66	49	36	26	18
-52.5°	175	154	133	114	96	78	61	45	34	25	16
-55°	161	141	122	104	88	71	55	42	31	23	15
-57.5°	147	127	111	95	79	63	49	38	29	20	14
-60°	132	116	101	85	70	56	44	34	26	18	12
-62.5°	119	104	89	74	61	49	39	31	23	16	11
-65°	104	90	76	64	53	43	34	27	20	15	10
-67.5°	87	76	65	54	45	37	29	23	18	13	9
-70°	73	63	54	45	37	31	25	20	15	11	8
-72.5°	60	51	43	36	31	26	21	17	13	10	7
-75°	48	41	35	29	25	21	17	14	10	8	6
-77.5°	37	32	27	23	20	17	13	10	8	6	5
-80°	27	24	21	18	15	12	10	7	6	5	4
-82.5°	18	16	14	13	11	8	6	5	4	3	3
-85°	10	9	8	8	6	5	4	3	2	2	2
-87.5°	4	4	4	4	3	2	2	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: P626994 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-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°	1	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	1	1	0	0	0	0	0
45°	2	1	0	0	0	0	0
42.5°	2	1	0	0	0	0	0
40°	2	2	0	0	0	0	0
37.5°	3	2	0	0	0	0	0
35°	3	2	1	0	0	0	0
32.5°	3	3	1	0	0	0	0
30°	3	3	1	0	0	0	0
27.5°	3	3	2	0	0	0	0
25°	3	3	2	0	0	0	0
22.5°	3	3	2	0	0	0	0
20°	3	3	2	0	0	0	0
17.5°	3	3	3	0	0	0	0
15°	4	3	3	0	0	0	0
12.5°	4	3	3	0	0	0	0
10°	4	3	3	0	0	0	0
7.5°	5	3	3	0	0	0	0
5°	5	3	3	0	0	0	0
2.5°	6	3	3	0	0	0	0
0°	6	3	3	0	0	0	0
-2.5°	7	3	3	0	0	0	0
-5°	9	4	3	0	0	0	0
-7.5°	10	4	3	1	0	0	0
-10°	11	4	3	1	0	0	0
-12.5°	11	5	3	1	0	0	0
-15°	12	5	3	1	0	0	0
-17.5°	12	5	3	1	0	0	0
-20°	13	5	3	1	0	0	0

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REPORT NUMBER: P626994 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-750-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)