

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: P626844 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626844 (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-SA2B-730-U-MR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (32) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8350.3 lumens  
Efficiency: N/A  
Efficacy: 131.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 4175.2 lumens  
Beam Efficiency: 50.0%

NEMA Type: 4H x 4V  
Max Intensity: 29441.6 candela  
Max Intensity Angle: 0°H x -2.5°V

Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 7174.4 lumens  
Field Efficiency: 85.9%

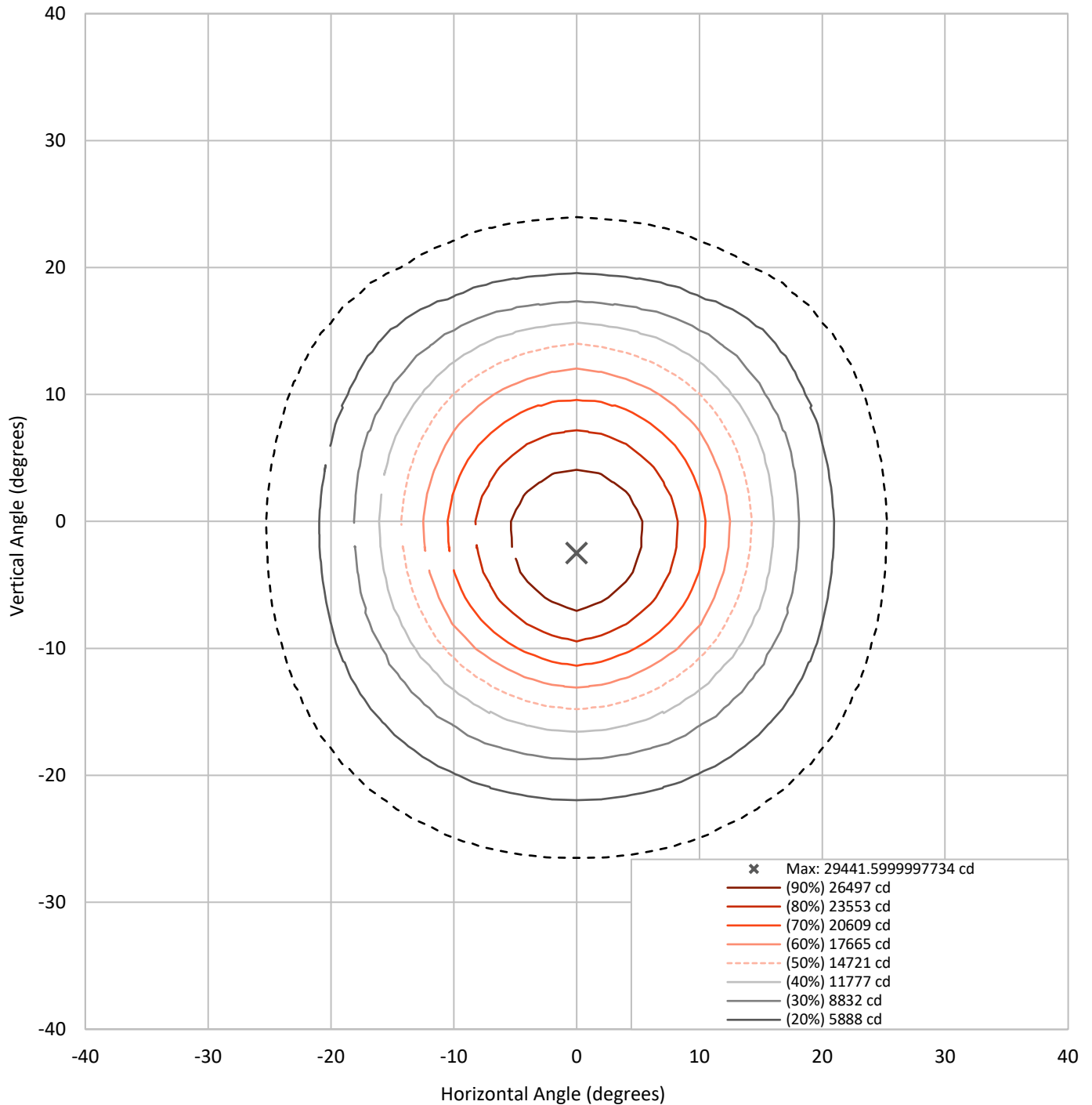
Input Watts (W): 63.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA2B-730-U-MR-VSR-XX

### Iso-Candela Plot





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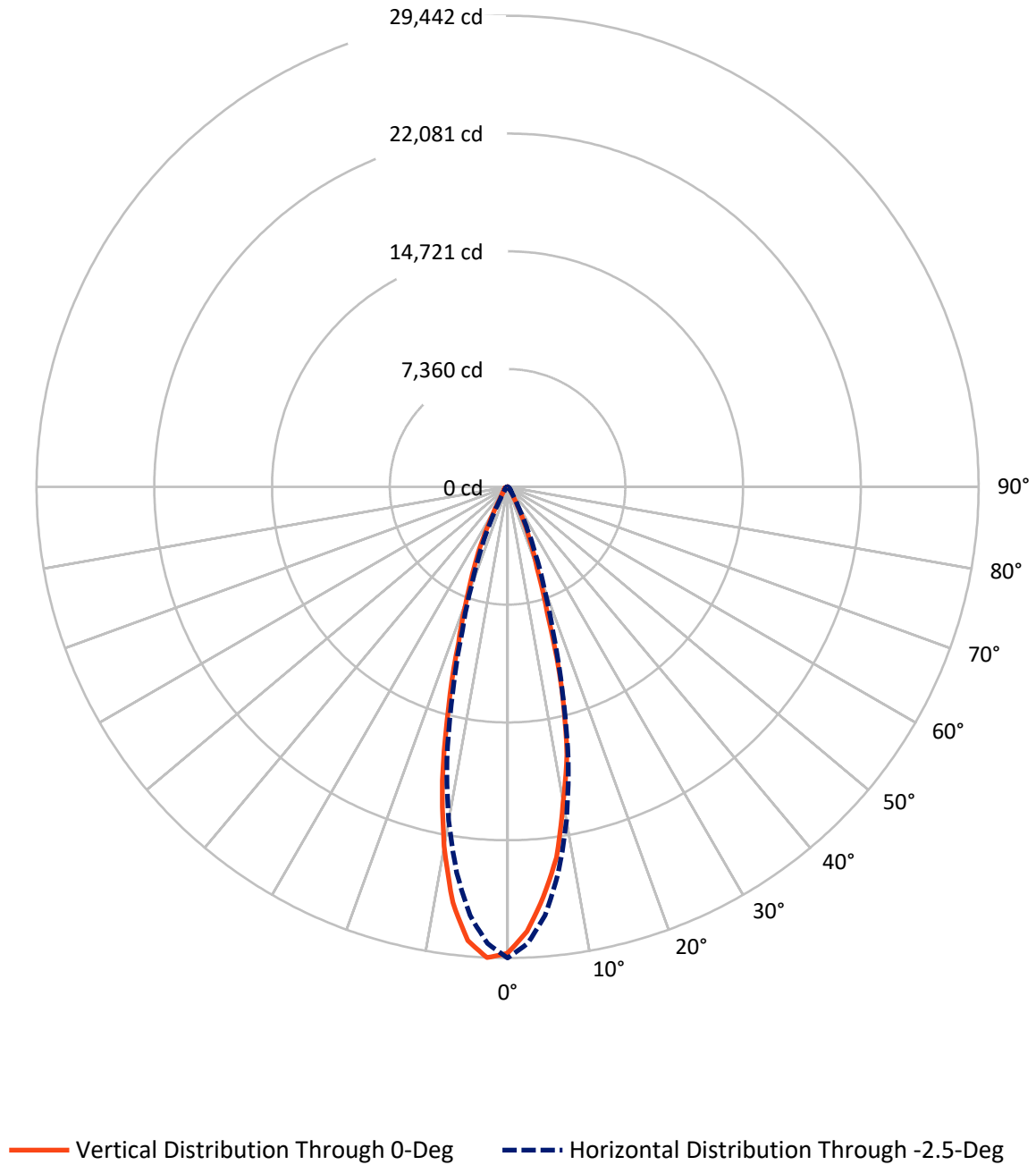
CATALOG NUMBER: GFLD-SA2B-730-U-MR-VSR-XX

### 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	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	0.0	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	12.0	12.0	9.0	5.4	3.3	1.8	0.7		0.1	
30	0.1	0.3	1.1	2.7	5.2	12.6	39.6	72.7	72.7	39.6	12.6	5.2	2.7	1.1	0.1		
20		0.4	1.6	3.7	8.9	43.5	176.8	346.3	346.3	176.8	43.5	8.9	3.7	1.6		0.4	
10	0.1	0.5	1.9	4.4	12.7	82.9	357.1	699.9	699.9	357.1	82.9	12.7	4.4	1.9	0.1		
0		0.6	2.1	4.7	13.6	86.8	366.4	742.1	742.1	366.4	86.8	13.6	4.7	2.1		0.6	
-10	0.2	0.6	2.1	4.5	11.2	53.3	202.6	392.7	392.7	202.6	53.3	11.2	4.5	2.1	0.2		
-20		0.6	2.0	4.2	8.2	20.7	62.7	111.9	111.9	62.7	20.7	8.2	4.2	2.0		0.6	
-30	0.2	0.5	1.8	3.6	6.2	10.2	16.7	22.3	22.3	16.7	10.2	6.2	3.6	1.8	0.2		
-40		0.5	1.5	3.0	4.9	7.0	9.3	10.4	10.4	9.3	7.0	4.9	3.0	1.5		0.5	
-50	0.1	0.3	1.1	2.3	3.8	5.3	6.7	7.3	7.3	6.7	5.3	3.8	2.3	1.1	0.1		
-60		0.2	0.7	1.5	2.6	3.6	4.6	5.1	5.1	4.6	3.6	2.6	1.5	0.7		0.2	
-70	0.0	0.5	2.5	5.3	6.7	5.3	2.5	0.5	0.0								
-80		0.0	0.5	2.5	5.3	6.7	5.3	2.5	0.5	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	0.0	0.0

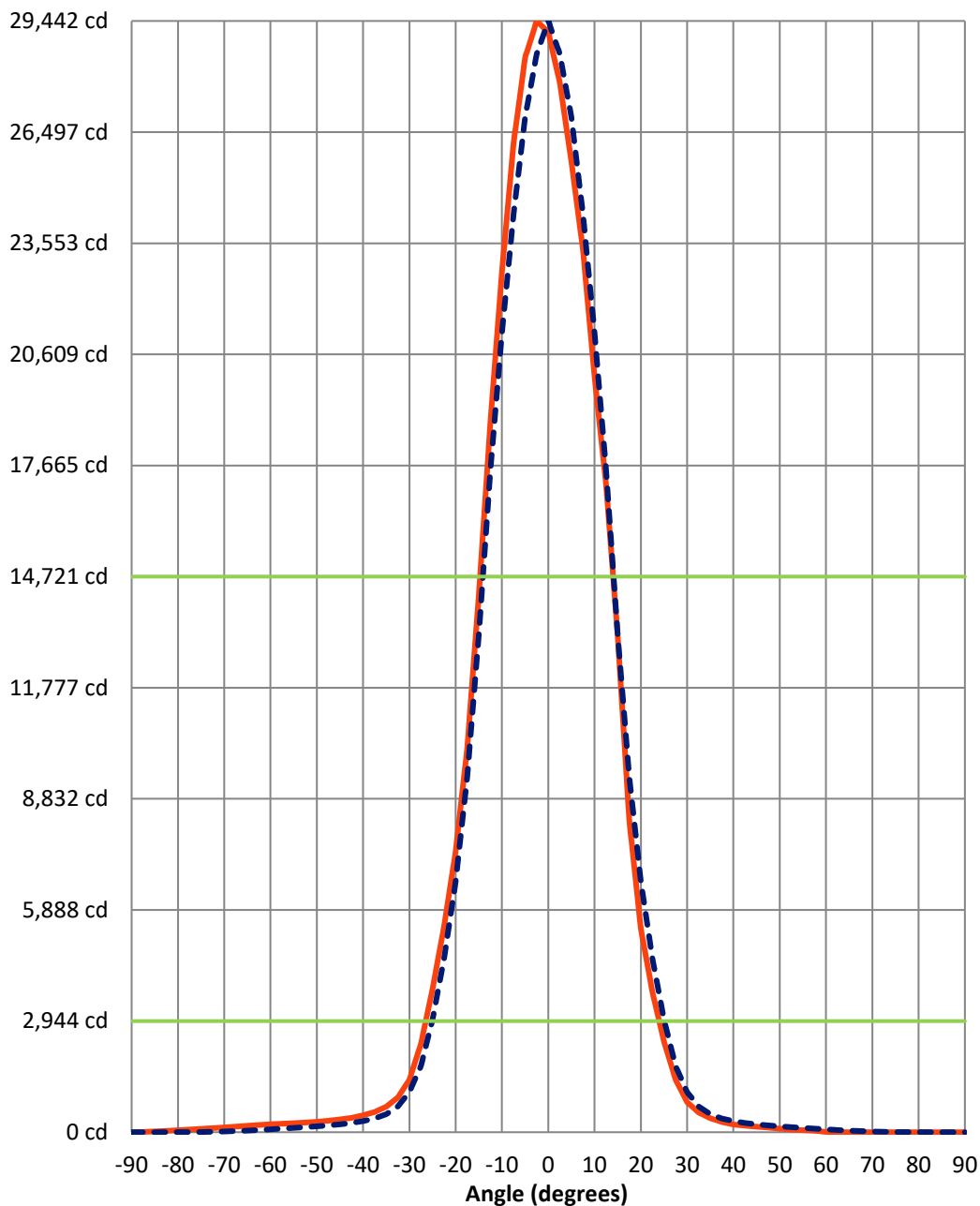
REPORT NUMBER: P626844 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-730-U-MR-VSR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 4175.2  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 7174.4  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 1175.8  
 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	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	19	29
12.5°	0	0	0	0	2	2	2	7	12	21	32
10°	0	0	0	0	2	2	3	8	13	23	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	10	16	28	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	46
-20°	0	0	0	1	2	3	7	13	22	34	46

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CATALOG NUMBER: GFLD-SA2B-730-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	33	46
-25°	0	0	0	1	2	3	8	14	21	33	44
-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	7	14	20	30	41
-35°	0	0	0	1	2	4	8	13	20	28	38
-37.5°	0	0	0	1	2	4	8	13	20	27	37
-40°	0	0	0	1	2	4	7	13	19	26	36
-42.5°	0	0	0	0	2	4	7	12	18	26	35
-45°	0	0	0	0	2	4	7	12	18	24	33
-47.5°	0	0	0	0	2	4	7	11	17	23	32
-50°	0	0	0	0	2	4	6	11	16	22	29
-52.5°	0	0	0	0	2	4	6	10	15	20	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	20
-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: P626844 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-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	8	10
55°	1	1	2	2	3	4	6	9	12	16	19
52.5°	1	2	2	3	5	8	12	16	21	25	28
50°	2	2	2	6	9	13	19	25	30	33	38
47.5°	2	3	6	10	14	21	28	33	37	44	52
45°	4	5	9	14	20	29	36	41	48	56	64
42.5°	5	8	13	18	28	37	43	50	58	67	75
40°	7	11	18	26	36	44	52	60	68	78	88
37.5°	10	15	23	33	43	52	62	71	80	91	102
35°	12	20	29	40	50	61	71	81	94	106	118
32.5°	15	24	34	46	57	69	80	94	106	119	134
30°	19	29	39	52	64	77	91	106	118	133	149
27.5°	23	33	45	58	70	84	101	116	130	145	163
25°	27	37	50	63	76	92	111	126	140	158	178
22.5°	31	42	55	67	83	101	120	137	153	170	194
20°	34	47	61	74	89	109	129	148	167	189	215
17.5°	38	51	66	81	97	117	138	159	180	207	240
15°	41	55	71	87	105	125	147	170	195	226	264
12.5°	44	59	76	93	111	132	155	179	208	245	293
10°	47	63	81	98	117	139	162	187	218	258	314
7.5°	50	66	85	103	122	145	168	194	227	269	331
5°	52	69	88	106	126	149	173	200	234	278	344
2.5°	54	72	91	109	129	152	176	203	238	286	355
0°	56	74	93	111	132	154	178	206	241	293	361
-2.5°	57	77	95	114	134	156	180	208	244	295	363
-5°	59	79	96	115	136	157	181	209	246	295	364
-7.5°	60	80	98	116	137	158	182	210	247	295	364
-10°	60	81	99	118	138	159	182	209	245	292	358
-12.5°	61	81	99	118	139	159	181	208	242	286	346
-15°	62	81	99	118	138	159	180	205	236	279	331
-17.5°	63	81	99	117	137	158	178	201	231	271	321
-20°	62	80	98	115	136	157	176	199	227	262	307

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CATALOG NUMBER: GFLD-SA2B-730-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	96	113	133	154	173	195	221	250	290
-25°	61	79	95	112	130	150	170	190	214	242	277
-27.5°	60	77	94	110	127	146	165	185	207	233	262
-30°	57	75	91	107	124	142	160	179	199	223	250
-32.5°	55	72	88	104	121	138	154	173	192	213	237
-35°	52	69	85	100	117	133	149	165	184	204	224
-37.5°	51	66	82	96	112	128	143	158	175	194	213
-40°	49	62	78	92	106	122	137	151	166	184	202
-42.5°	46	60	74	88	102	116	131	144	159	175	192
-45°	44	57	70	83	97	110	124	138	152	167	182
-47.5°	42	54	66	78	92	105	117	130	145	159	173
-50°	39	50	62	73	86	99	111	123	136	150	164
-52.5°	36	47	57	68	79	92	105	117	128	140	153
-55°	33	42	52	62	73	84	96	108	120	131	142
-57.5°	29	38	47	57	66	76	88	99	111	122	133
-60°	26	33	42	51	60	69	79	90	101	111	121
-62.5°	23	29	36	44	53	62	71	81	90	99	108
-65°	21	26	32	38	46	54	62	71	80	87	94
-67.5°	18	22	27	32	39	45	52	60	68	75	81
-70°	15	18	22	27	32	37	44	50	56	62	68
-72.5°	13	15	18	21	26	31	36	40	46	51	56
-75°	10	12	15	17	21	24	29	33	37	41	45
-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



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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	8	8	6	9	10	10	9	8
57.5°	13	16	19	19	22	26	27	27	27	28	32
55°	23	25	27	31	35	38	41	43	45	47	50
52.5°	31	35	38	42	47	50	51	57	61	65	67
50°	44	49	53	59	63	68	72	77	83	89	93
47.5°	58	64	70	77	83	87	92	99	107	115	119
45°	71	77	85	92	98	104	112	120	129	136	142
42.5°	82	90	98	106	112	121	131	140	150	160	167
40°	96	103	115	123	131	141	155	168	181	193	200
37.5°	112	124	137	147	157	169	190	210	225	241	252
35°	131	145	162	173	188	210	236	263	291	313	333
32.5°	149	165	182	200	222	254	286	330	371	413	453
30°	165	183	203	227	263	308	360	427	501	574	657
27.5°	182	202	226	263	318	380	475	582	733	856	1052
25°	201	224	256	315	392	499	666	856	1170	1438	1740
22.5°	224	258	305	379	506	700	959	1373	1855	2303	2730
20°	251	299	378	496	678	976	1468	2096	2766	3421	4055
17.5°	288	364	476	644	903	1529	2262	3158	4306	5168	5986
15°	322	417	588	859	1346	2152	3176	4549	6094	7393	8863
12.5°	362	477	682	1035	1730	2796	4101	5738	7567	9539	11841
10°	396	538	802	1287	2131	3371	4834	6756	9105	11895	14805
7.5°	423	589	902	1477	2469	3843	5588	7925	10900	14162	17480
5°	444	628	981	1625	2756	4227	6138	8851	12242	15985	19285
2.5°	460	656	1033	1717	2950	4488	6514	9343	13063	17176	20640
0°	473	673	1062	1781	3040	4612	6688	9541	13447	17759	21322
-2.5°	477	682	1064	1759	2985	4605	6648	9419	13182	17528	21177
-5°	479	677	1037	1712	2888	4439	6382	8957	12371	16448	20147
-7.5°	475	659	982	1598	2670	4148	6010	8270	11069	14663	18486
-10°	462	628	909	1442	2369	3693	5431	7341	9577	12511	15609
-12.5°	439	580	807	1209	2015	3178	4717	6406	8148	10076	12624
-15°	412	532	724	1067	1687	2637	3884	5309	6756	8232	9787
-17.5°	391	490	639	879	1295	2063	3060	4206	5379	6552	7599
-20°	364	440	556	743	1045	1500	2249	3141	4018	4974	5776

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Cooper Lighting Solutions Photometric Lab  
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REPORT NUMBER: P626844 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-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°	340	404	492	609	813	1132	1560	2187	2854	3548	4207
-25°	317	366	435	530	651	841	1124	1452	1920	2347	2836
-27.5°	298	339	386	456	548	652	826	1017	1262	1466	1792
-30°	280	313	352	396	464	543	636	752	872	993	1149
-32.5°	263	290	321	357	399	458	516	591	656	729	803
-35°	246	271	296	324	357	396	439	488	532	575	615
-37.5°	232	252	274	297	322	350	384	419	448	476	500
-40°	220	237	255	274	294	316	343	368	388	407	422
-42.5°	208	223	238	254	271	291	312	331	345	358	368
-45°	198	211	224	237	251	269	286	302	312	322	329
-47.5°	186	198	210	222	236	250	264	275	285	293	298
-50°	176	187	198	208	220	232	245	254	262	270	273
-52.5°	165	176	186	197	207	216	226	235	244	251	254
-55°	154	165	175	184	194	203	212	220	227	234	237
-57.5°	144	155	165	173	181	189	198	206	213	219	222
-60°	132	143	152	160	168	175	183	190	197	203	206
-62.5°	118	128	136	144	151	158	164	171	177	182	185
-65°	102	110	118	126	132	138	144	150	156	160	162
-67.5°	87	94	101	107	114	120	125	130	135	138	141
-70°	74	79	85	91	97	102	107	112	116	119	122
-72.5°	61	66	72	77	82	87	91	95	99	101	103
-75°	50	54	59	63	68	71	75	78	81	83	85
-77.5°	40	43	46	49	53	56	59	61	64	66	67
-80°	29	32	34	37	39	41	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: P626844 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-730-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	8	9	10	10
57.5°	35	37	38	39	38	37	35	32	28	27	27
55°	53	54	55	54	55	54	53	50	47	45	43
52.5°	68	68	68	67	68	68	68	67	65	61	57
50°	94	94	94	94	94	94	94	93	89	83	77
47.5°	121	123	123	122	123	123	121	119	115	107	99
45°	145	147	147	146	147	147	145	142	136	129	120
42.5°	170	171	172	172	172	171	170	167	160	150	140
40°	204	205	205	204	205	205	204	200	193	181	168
37.5°	260	264	266	271	266	264	260	252	241	225	210
35°	348	358	363	371	363	358	348	333	313	291	263
32.5°	481	500	511	521	511	500	481	453	413	371	330
30°	715	753	769	797	769	753	715	657	574	501	427
27.5°	1197	1287	1323	1398	1323	1287	1197	1052	856	733	582
25°	2016	2211	2319	2404	2319	2211	2016	1740	1438	1170	856
22.5°	3161	3447	3600	3713	3600	3447	3161	2730	2303	1855	1373
20°	4629	5007	5233	5396	5233	5007	4629	4055	3421	2766	2096
17.5°	7035	7629	7977	8275	7977	7629	7035	5986	5168	4306	3158
15°	10503	11697	12625	13141	12625	11697	10503	8863	7393	6094	4549
12.5°	13876	15625	16664	17142	16664	15625	13876	11841	9539	7567	5738
10°	17213	18861	19850	20024	19850	18861	17213	14805	11895	9105	6756
7.5°	19767	21580	22893	23371	22893	21580	19767	17480	14162	10900	7925
5°	22023	24146	25536	25712	25536	24146	22023	19285	15985	12242	8851
2.5°	23682	25990	27338	27801	27338	25990	23682	20640	17176	13063	9343
0°	24485	26970	28470	29145	28470	26970	24485	21322	17759	13447	9541
-2.5°	24316	26887	28561	29442	28561	26887	24316	21177	17528	13182	9419
-5°	23391	25970	27531	28466	27531	25970	23391	20147	16448	12371	8957
-7.5°	21259	23671	25332	26196	25332	23671	21259	18486	14663	11069	8270
-10°	18512	20553	22067	22803	22067	20553	18512	15609	12511	9577	7341
-12.5°	14942	16922	18288	18808	18288	16922	14942	12624	10076	8148	6406
-15°	11448	12959	13930	14237	13930	12959	11448	9787	8232	6756	5309
-17.5°	8682	9495	10041	10188	10041	9495	8682	7599	6552	5379	4206
-20°	6504	7008	7363	7447	7363	7008	6504	5776	4974	4018	3141

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REPORT NUMBER: P626844 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-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°	4739	5118	5404	5461	5404	5118	4739	4207	3548	2854	2187
-25°	3269	3586	3780	3795	3780	3586	3269	2836	2347	1920	1452
-27.5°	2049	2224	2313	2345	2313	2224	2049	1792	1466	1262	1017
-30°	1266	1347	1389	1390	1389	1347	1266	1149	993	872	752
-32.5°	860	898	920	920	920	898	860	803	729	656	591
-35°	644	664	675	677	675	664	644	615	575	532	488
-37.5°	518	529	535	536	535	529	518	500	476	448	419
-40°	433	441	446	449	446	441	433	422	407	388	368
-42.5°	374	380	382	380	382	380	374	368	358	345	331
-45°	334	337	338	339	338	337	334	329	322	312	302
-47.5°	301	303	303	304	303	303	301	298	293	285	275
-50°	275	277	277	276	277	277	275	273	270	262	254
-52.5°	255	255	256	256	256	255	255	254	251	244	235
-55°	238	238	239	239	239	238	238	237	234	227	220
-57.5°	224	225	225	224	225	225	224	222	219	213	206
-60°	208	210	211	211	211	210	208	206	203	197	190
-62.5°	188	190	191	191	191	190	188	185	182	177	171
-65°	164	166	168	170	168	166	164	162	160	156	150
-67.5°	142	144	146	148	146	144	142	141	138	135	130
-70°	124	125	126	126	126	125	124	122	119	116	112
-72.5°	105	107	107	108	107	107	105	103	101	99	95
-75°	87	89	89	89	89	89	87	85	83	81	78
-77.5°	69	70	70	70	70	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	20	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: P626844 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-730-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	8	7	5	5	4	2	2	2
57.5°	27	26	22	19	19	16	13	10	8	6	4
55°	41	38	35	31	27	25	23	19	16	12	9
52.5°	51	50	47	42	38	35	31	28	25	21	16
50°	72	68	63	59	53	49	44	38	33	30	25
47.5°	92	87	83	77	70	64	58	52	44	37	33
45°	112	104	98	92	85	77	71	64	56	48	41
42.5°	131	121	112	106	98	90	82	75	67	58	50
40°	155	141	131	123	115	103	96	88	78	68	60
37.5°	190	169	157	147	137	124	112	102	91	80	71
35°	236	210	188	173	162	145	131	118	106	94	81
32.5°	286	254	222	200	182	165	149	134	119	106	94
30°	360	308	263	227	203	183	165	149	133	118	106
27.5°	475	380	318	263	226	202	182	163	145	130	116
25°	666	499	392	315	256	224	201	178	158	140	126
22.5°	959	700	506	379	305	258	224	194	170	153	137
20°	1468	976	678	496	378	299	251	215	189	167	148
17.5°	2262	1529	903	644	476	364	288	240	207	180	159
15°	3176	2152	1346	859	588	417	322	264	226	195	170
12.5°	4101	2796	1730	1035	682	477	362	293	245	208	179
10°	4834	3371	2131	1287	802	538	396	314	258	218	187
7.5°	5588	3843	2469	1477	902	589	423	331	269	227	194
5°	6138	4227	2756	1625	981	628	444	344	278	234	200
2.5°	6514	4488	2950	1717	1033	656	460	355	286	238	203
0°	6688	4612	3040	1781	1062	673	473	361	293	241	206
-2.5°	6648	4605	2985	1759	1064	682	477	363	295	244	208
-5°	6382	4439	2888	1712	1037	677	479	364	295	246	209
-7.5°	6010	4148	2670	1598	982	659	475	364	295	247	210
-10°	5431	3693	2369	1442	909	628	462	358	292	245	209
-12.5°	4717	3178	2015	1209	807	580	439	346	286	242	208
-15°	3884	2637	1687	1067	724	532	412	331	279	236	205
-17.5°	3060	2063	1295	879	639	490	391	321	271	231	201
-20°	2249	1500	1045	743	556	440	364	307	262	227	199

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CATALOG NUMBER: GFLD-SA2B-730-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°	1560	1132	813	609	492	404	340	290	250	221	195
-25°	1124	841	651	530	435	366	317	277	242	214	190
-27.5°	826	652	548	456	386	339	298	262	233	207	185
-30°	636	543	464	396	352	313	280	250	223	199	179
-32.5°	516	458	399	357	321	290	263	237	213	192	173
-35°	439	396	357	324	296	271	246	224	204	184	165
-37.5°	384	350	322	297	274	252	232	213	194	175	158
-40°	343	316	294	274	255	237	220	202	184	166	151
-42.5°	312	291	271	254	238	223	208	192	175	159	144
-45°	286	269	251	237	224	211	198	182	167	152	138
-47.5°	264	250	236	222	210	198	186	173	159	145	130
-50°	245	232	220	208	198	187	176	164	150	136	123
-52.5°	226	216	207	197	186	176	165	153	140	128	117
-55°	212	203	194	184	175	165	154	142	131	120	108
-57.5°	198	189	181	173	165	155	144	133	122	111	99
-60°	183	175	168	160	152	143	132	121	111	101	90
-62.5°	164	158	151	144	136	128	118	108	99	90	81
-65°	144	138	132	126	118	110	102	94	87	80	71
-67.5°	125	120	114	107	101	94	87	81	75	68	60
-70°	107	102	97	91	85	79	74	68	62	56	50
-72.5°	91	87	82	77	72	66	61	56	51	46	40
-75°	75	71	68	63	59	54	50	45	41	37	33
-77.5°	59	56	53	49	46	43	40	36	33	29	26
-80°	44	41	39	37	34	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



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REPORT NUMBER: P626844 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-730-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	13	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	20	14	9	5	4	2	2	2	2
42.5°	43	37	28	18	13	8	5	3	2	2	2
40°	52	44	36	26	18	11	7	4	2	2	2
37.5°	62	52	43	33	23	15	10	6	3	2	2
35°	71	61	50	40	29	20	12	8	4	3	2
32.5°	80	69	57	46	34	24	15	10	6	3	2
30°	91	77	64	52	39	29	19	12	8	4	2
27.5°	101	84	70	58	45	33	23	15	9	5	3
25°	111	92	76	63	50	37	27	17	11	7	3
22.5°	120	101	83	67	55	42	31	21	13	8	4
20°	129	109	89	74	61	47	34	24	15	9	5
17.5°	138	117	97	81	66	51	38	27	17	10	5
15°	147	125	105	87	71	55	41	29	19	11	6
12.5°	155	132	111	93	76	59	44	32	21	12	7
10°	162	139	117	98	81	63	47	34	23	13	8
7.5°	168	145	122	103	85	66	50	36	25	14	9
5°	173	149	126	106	88	69	52	38	27	15	10
2.5°	176	152	129	109	91	72	54	39	28	16	10
0°	178	154	132	111	93	74	56	41	30	17	11
-2.5°	180	156	134	114	95	77	57	42	31	18	11
-5°	181	157	136	115	96	79	59	43	32	20	12
-7.5°	182	158	137	116	98	80	60	44	32	21	12
-10°	182	159	138	118	99	81	60	44	33	22	12
-12.5°	181	159	139	118	99	81	61	45	33	23	12
-15°	180	159	138	118	99	81	62	46	34	23	12
-17.5°	178	158	137	117	99	81	63	46	34	23	12
-20°	176	157	136	115	98	80	62	46	34	22	13

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REPORT NUMBER: P626844 (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°
-22.5°	173	154	133	113	96	80	62	46	33	22	13
-25°	170	150	130	112	95	79	61	44	33	21	14
-27.5°	165	146	127	110	94	77	60	44	32	20	14
-30°	160	142	124	107	91	75	57	42	31	20	14
-32.5°	154	138	121	104	88	72	55	41	30	20	14
-35°	149	133	117	100	85	69	52	38	28	20	13
-37.5°	143	128	112	96	82	66	51	37	27	20	13
-40°	137	122	106	92	78	62	49	36	26	19	13
-42.5°	131	116	102	88	74	60	46	35	26	18	12
-45°	124	110	97	83	70	57	44	33	24	18	12
-47.5°	117	105	92	78	66	54	42	32	23	17	11
-50°	111	99	86	73	62	50	39	29	22	16	11
-52.5°	105	92	79	68	57	47	36	27	20	15	10
-55°	96	84	73	62	52	42	33	25	19	14	9
-57.5°	88	76	66	57	47	38	29	23	17	12	8
-60°	79	69	60	51	42	33	26	20	15	11	7
-62.5°	71	62	53	44	36	29	23	18	14	10	7
-65°	62	54	46	38	32	26	21	16	12	9	6
-67.5°	52	45	39	32	27	22	18	14	11	8	5
-70°	44	37	32	27	22	18	15	12	9	7	5
-72.5°	36	31	26	21	18	15	13	10	8	6	4
-75°	29	24	21	17	15	12	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: P626844 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-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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CATALOG NUMBER: GFLD-SA2B-730-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°	7	4	2	1	0	0	0
-35°	8	4	2	1	0	0	0
-37.5°	8	4	2	1	0	0	0
-40°	7	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)