

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: P626866 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-740-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626866 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-16)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2B-740-U-MWR-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR  
Light Source: (32) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8863.4 lumens  
Efficiency: N/A  
Efficacy: 139.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V  
Max Intensity: 12417.6 candela  
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V  
Beam Lumens: 5936.7 lumens  
Beam Efficiency: 67.0%

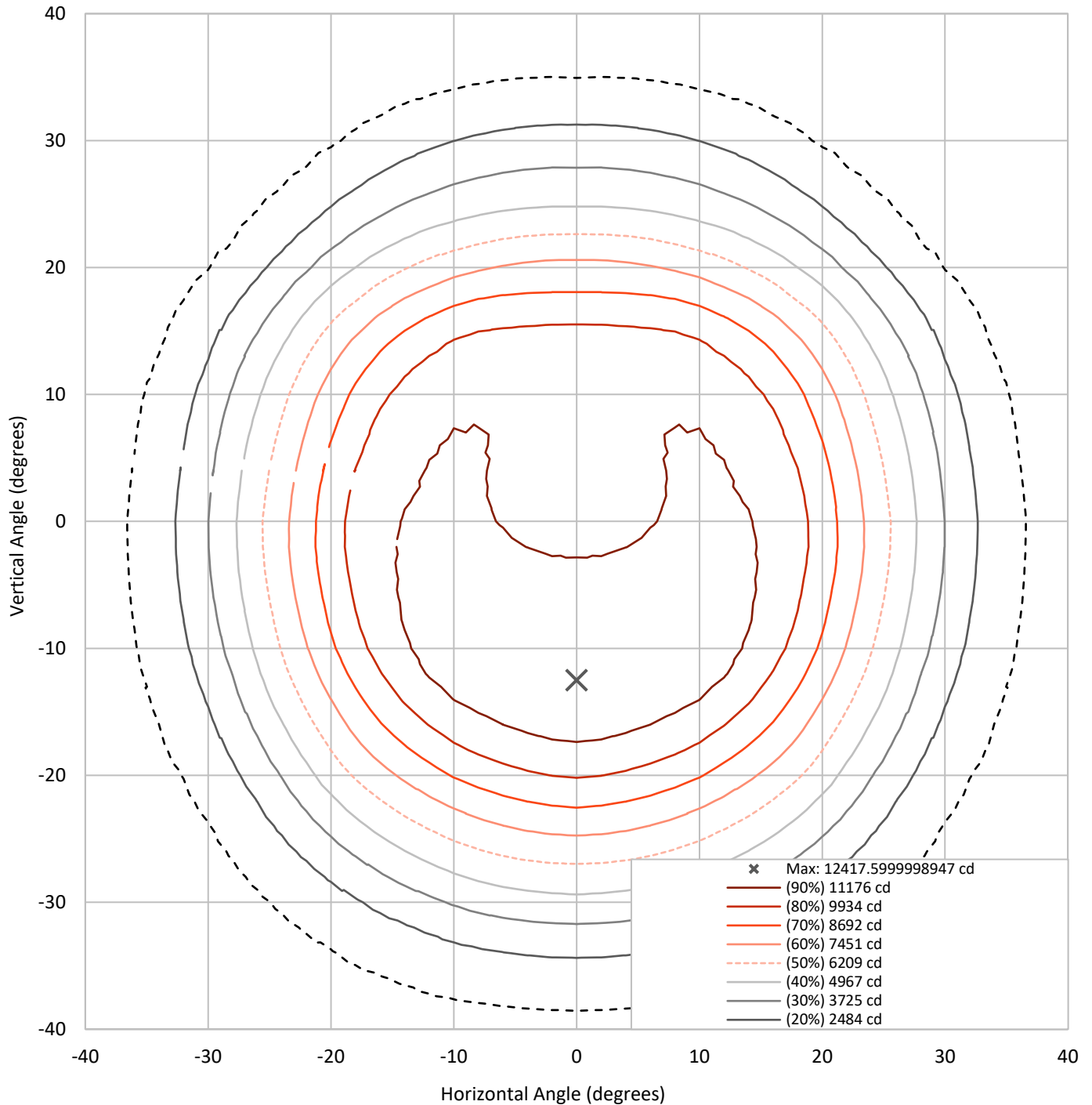
Field Angle (10%): 69.9°H x 73.3°V  
Field Lumens: 7993.3 lumens  
Field Efficiency: 90.2%

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



REPORT NUMBER: P626866 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2B-740-U-MWR-VSR-XX

### Iso-Candela Plot





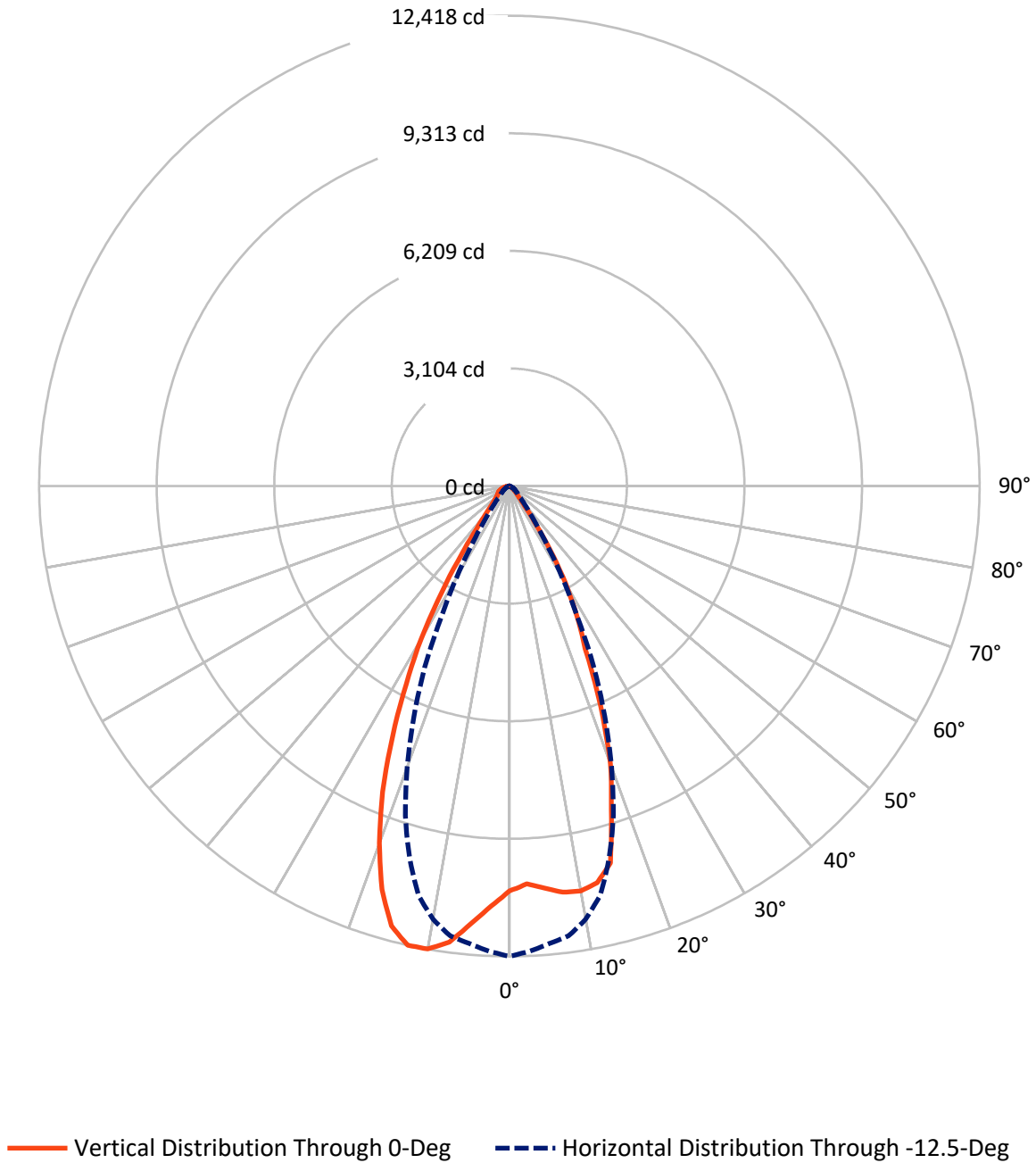
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### Lumen Table

90																			
80	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	0.0				
70																			
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.3	0.7	1.2	1.7	2.0	2.0	1.7	1.2	0.7	0.3	0.1		0.0			
40	0.0	0.1	0.3	1.3	2.5	4.1	6.1	7.5	7.5	6.1	4.1	2.5	1.3	0.3	0.1	0.0			
30		0.2	1.0	2.6	5.3	11.5	26.2	40.0	40.0	26.2	11.5	5.3	2.6	1.0	0.2				
20	0.1	0.4	1.7	4.1	11.1	41.2	106.1	148.3	148.3	106.1	41.2	11.1	4.1	1.7	0.4	0.1			
10		0.6	2.3	6.4	26.5	114.4	238.7	295.5	295.5	238.7	114.4	26.5	6.4	2.3	0.6				
0	0.2	0.8	2.9	8.3	42.1	168.5	307.8	333.6	333.6	307.8	168.5	42.1	8.3	2.9	0.8	0.2			
-10		0.9	3.2	8.8	44.1	174.0	318.8	354.1	354.1	318.8	174.0	44.1	8.8	3.2	0.9				
-20	0.2	1.0	3.2	8.0	31.5	129.6	269.0	343.4	343.4	269.0	129.6	31.5	8.0	3.2	1.0	0.2			
-30		0.9	3.0	6.7	17.6	62.9	149.9	210.9	210.9	149.9	62.9	17.6	6.7	3.0	0.9				
-40	0.2	0.8	2.7	5.5	10.5	22.4	46.8	69.5	69.5	46.8	22.4	10.5	5.5	2.7	0.8	0.2			
-50		0.7	2.3	4.6	7.7	11.4	16.0	18.9	18.9	16.0	11.4	7.7	4.6	2.3	0.7				
-60	0.2	0.5	1.7	3.6	6.0	8.4	10.4	11.4	11.4	10.4	8.4	6.0	3.6	1.7	0.5	0.2			
-70		0.4	1.1	2.5	4.2	6.0	7.6	8.5	8.5	7.6	6.0	4.2	2.5	1.1	0.4				
-80	0.1	1.0		4.5	9.5		12.2	9.5		4.5	1.0		0.1	0.1					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

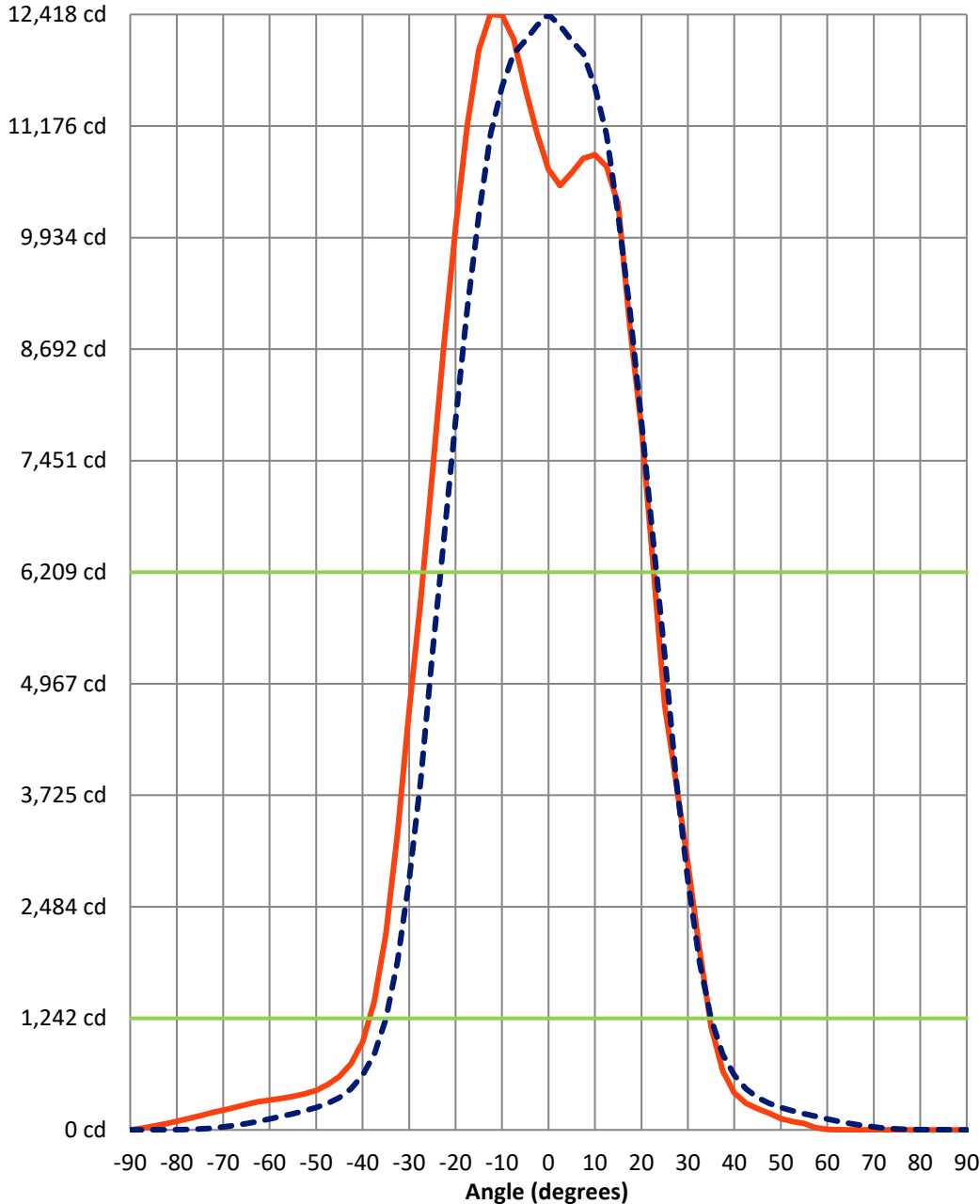
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 5936.7  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 7993.3  
 Efficiency: 90.2%

**Spill:**  
 Lumens: 870.2  
 Efficiency: 9.8%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through -12.5-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	0	0
65°	0	0	0	0	1	1	0	0	0	1	1
62.5°	0	0	0	1	1	1	0	0	1	1	1
60°	0	0	0	1	1	1	0	1	1	1	2
57.5°	0	0	0	1	1	1	1	1	2	2	2
55°	0	0	0	1	1	1	1	2	2	2	2
52.5°	0	0	0	1	1	1	1	2	2	2	2
50°	0	0	1	2	1	1	2	2	2	2	2
47.5°	0	0	1	2	2	1	2	2	2	2	3
45°	0	0	1	2	2	2	2	2	2	3	3
42.5°	0	0	1	2	2	2	2	3	2	3	4
40°	0	0	1	2	2	2	3	3	3	4	5
37.5°	0	0	1	2	2	2	3	3	3	5	6
35°	0	0	1	2	2	2	3	3	4	6	8
32.5°	0	0	1	2	2	2	3	3	5	7	12
30°	0	0	1	2	2	3	4	3	6	9	16
27.5°	0	0	2	2	2	3	4	4	7	11	20
25°	0	0	2	2	2	3	4	5	8	14	24
22.5°	0	0	2	2	2	3	4	5	10	17	28
20°	0	0	2	2	2	3	4	6	11	19	32
17.5°	0	0	2	2	2	4	4	7	13	22	37
15°	0	0	2	2	2	4	4	8	15	24	41
12.5°	0	0	2	2	2	4	5	9	17	26	45
10°	0	0	2	2	2	4	5	10	18	29	49
7.5°	0	0	2	2	2	4	5	12	20	33	53
5°	0	0	2	2	2	4	6	13	21	36	55
2.5°	0	0	2	2	2	4	6	15	22	40	57
0°	0	0	2	2	2	4	6	16	22	43	59
-2.5°	0	0	2	2	2	4	7	17	25	45	62
-5°	0	0	2	2	2	5	8	17	28	46	65
-7.5°	0	0	2	2	3	5	9	18	30	48	67
-10°	0	0	2	2	3	5	10	18	32	49	69
-12.5°	0	0	2	2	3	5	11	18	34	50	70
-15°	0	0	2	2	3	5	11	19	34	50	71
-17.5°	0	0	2	2	3	5	11	19	34	51	71
-20°	0	0	2	2	3	5	12	20	34	50	70

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REPORT NUMBER: P626866 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	2	2	3	5	12	20	33	50	68
-25°	0	0	2	2	3	6	12	21	32	49	66
-27.5°	0	0	2	2	3	6	12	21	32	47	64
-30°	0	0	2	2	3	6	11	20	31	46	62
-32.5°	0	0	2	2	3	6	11	20	31	45	60
-35°	0	0	2	2	3	7	11	19	30	43	57
-37.5°	0	0	2	2	3	7	11	19	29	42	56
-40°	0	0	2	2	3	7	11	18	27	40	55
-42.5°	0	0	2	2	3	7	11	17	26	38	53
-45°	0	1	2	2	4	7	11	16	24	36	51
-47.5°	0	0	2	2	4	7	11	16	23	33	48
-50°	0	0	2	2	4	6	10	15	22	32	44
-52.5°	0	0	2	2	4	6	10	15	21	30	40
-55°	0	0	2	2	4	6	10	14	20	28	38
-57.5°	0	0	2	2	4	6	9	13	19	26	35
-60°	0	0	2	2	4	6	9	12	17	24	32
-62.5°	0	0	2	2	3	5	8	12	16	22	30
-65°	0	0	2	2	3	5	7	11	15	20	27
-67.5°	0	0	1	2	3	5	7	10	13	18	24
-70°	0	0	1	2	3	4	6	8	12	15	20
-72.5°	0	0	1	2	3	4	5	7	10	13	17
-75°	0	0	1	2	3	4	5	6	8	11	14
-77.5°	0	0	1	2	3	4	5	6	7	9	11
-80°	0	0	1	1	2	3	4	5	6	7	9
-82.5°	0	0	1	1	2	2	3	4	5	6	7
-85°	0	0	0	1	1	2	2	3	3	4	5
-87.5°	0	0	0	0	1	1	1	1	2	2	3
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626866 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	1	1	0	0	0	0	0	0	0	0
65°	1	1	1	1	0	0	1	1	0	0	0
62.5°	2	2	1	1	1	2	1	1	0	0	1
60°	2	2	1	2	2	2	1	1	2	2	5
57.5°	2	2	2	2	2	2	3	3	7	12	13
55°	2	2	2	3	3	4	5	11	17	21	23
52.5°	2	2	3	4	5	8	14	21	26	30	36
50°	3	3	4	6	9	16	24	31	38	45	52
47.5°	3	4	6	9	16	25	35	44	53	62	73
45°	4	7	9	16	25	36	48	59	67	78	88
42.5°	5	10	15	22	36	49	62	71	81	92	105
40°	8	14	21	33	47	63	75	84	94	110	126
37.5°	13	20	28	43	60	76	87	99	113	132	151
35°	17	25	38	54	74	88	101	115	135	156	179
32.5°	22	30	47	66	84	99	114	134	156	179	211
30°	26	38	56	77	94	110	130	153	174	203	240
27.5°	31	46	66	86	103	120	146	169	193	226	269
25°	36	54	74	94	112	133	162	186	211	253	311
22.5°	43	62	83	101	120	147	178	208	240	282	355
20°	49	69	91	110	128	160	195	231	275	334	429
17.5°	55	76	98	119	142	175	213	256	311	384	524
15°	61	82	105	128	155	189	232	285	351	441	615
12.5°	66	87	112	137	166	202	248	306	384	514	733
10°	71	92	119	146	176	214	262	323	411	566	820
7.5°	75	97	125	154	185	224	274	337	434	606	888
5°	78	103	130	160	191	233	284	348	454	636	941
2.5°	81	109	135	165	196	239	292	359	474	661	986
0°	83	114	138	169	199	244	297	366	489	678	1020
-2.5°	86	117	143	172	205	248	300	372	493	680	1013
-5°	89	118	147	175	210	250	301	374	493	675	992
-7.5°	91	120	150	176	212	251	301	373	488	664	958
-10°	92	121	151	179	213	251	299	368	476	642	907
-12.5°	94	122	151	180	213	249	296	360	458	609	842
-15°	95	123	151	180	212	247	289	348	434	565	760
-17.5°	96	123	151	178	210	243	281	335	411	527	702
-20°	96	122	150	175	207	239	275	324	392	490	631

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CATALOG NUMBER: GFLD-SA2B-740-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	95	122	148	173	203	234	268	311	369	449	563
-25°	93	120	147	171	199	229	259	297	347	418	513
-27.5°	90	118	143	169	194	223	252	286	330	384	460
-30°	85	114	140	165	190	217	244	273	312	359	420
-32.5°	81	110	135	160	185	211	237	264	296	336	384
-35°	78	105	131	154	179	204	229	254	281	316	357
-37.5°	76	100	126	148	171	196	220	244	269	296	333
-40°	73	95	121	143	164	188	211	233	256	284	312
-42.5°	70	92	115	137	158	179	201	223	246	272	298
-45°	67	87	109	130	151	171	192	213	235	259	284
-47.5°	64	82	103	122	142	162	183	203	223	245	269
-50°	59	77	96	114	132	152	172	193	212	231	252
-52.5°	54	70	88	106	122	139	160	181	200	219	238
-55°	49	64	80	98	114	129	147	168	187	206	225
-57.5°	45	57	73	89	105	121	137	155	174	192	210
-60°	41	52	64	80	96	111	127	143	161	178	194
-62.5°	38	46	57	69	84	100	115	130	147	161	176
-65°	34	41	50	60	72	86	101	116	130	143	156
-67.5°	30	36	43	51	62	73	85	98	112	125	137
-70°	26	31	37	44	52	61	72	83	94	105	117
-72.5°	21	26	32	37	44	52	60	69	78	88	98
-75°	18	21	26	31	36	43	50	57	65	73	81
-77.5°	14	17	21	24	29	34	39	45	51	58	64
-80°	11	13	16	19	22	26	30	34	38	43	49
-82.5°	8	10	12	14	16	18	21	24	27	31	35
-85°	6	7	8	9	11	12	14	15	17	20	22
-87.5°	3	4	4	5	5	6	7	7	8	9	11
-90°	0	0	0	0	0	0	0	0	0	0	0



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	0	0	1	1	1	1	2
60°	5	4	5	7	6	5	7	8	8	6	6
57.5°	14	15	18	21	23	24	26	28	30	31	31
55°	26	31	37	39	44	50	56	57	58	59	63
52.5°	42	48	51	56	64	70	72	77	82	87	92
50°	61	66	72	80	88	94	95	104	114	122	127
47.5°	80	87	98	112	119	125	133	144	155	167	177
45°	98	110	124	136	146	156	168	181	199	215	228
42.5°	118	132	146	160	171	188	208	224	249	271	285
40°	141	155	176	193	215	237	271	303	335	372	399
37.5°	170	191	220	248	280	313	374	437	488	560	600
35°	204	237	278	320	370	449	539	660	787	892	993
32.5°	243	285	342	417	502	629	763	987	1205	1423	1636
30°	281	343	429	532	673	873	1127	1472	1847	2175	2471
27.5°	333	420	532	686	925	1218	1688	2167	2644	3070	3376
25°	395	512	671	925	1271	1757	2386	2974	3533	3951	4302
22.5°	485	660	886	1210	1836	2513	3265	4005	4634	5160	5506
20°	596	833	1211	1798	2535	3381	4349	5127	5901	6493	7022
17.5°	753	1131	1664	2410	3290	4418	5415	6284	7266	7871	8410
15°	895	1380	2140	3092	4123	5319	6495	7558	8507	9171	9774
12.5°	1074	1645	2519	3638	4766	6097	7320	8458	9388	10071	10493
10°	1234	1917	2897	4068	5331	6721	7988	9173	10073	10602	10912
7.5°	1364	2143	3203	4435	5769	7168	8506	9683	10544	10986	11198
5°	1464	2310	3443	4736	6122	7554	8919	10071	10796	11162	11280
2.5°	1539	2426	3605	4935	6360	7838	9233	10367	10986	11250	11289
0°	1590	2508	3710	5059	6564	7940	9402	10555	11143	11355	11375
-2.5°	1578	2479	3705	5014	6541	7986	9429	10566	11196	11481	11527
-5°	1546	2409	3582	4886	6355	7802	9179	10379	11152	11582	11772
-7.5°	1484	2288	3372	4641	6053	7502	8906	10152	11041	11646	12018
-10°	1378	2112	3103	4331	5723	7103	8491	9784	10742	11469	11988
-12.5°	1234	1873	2775	3891	5290	6580	7894	9132	10178	11075	11611
-15°	1086	1625	2435	3456	4674	5944	7157	8373	9405	10244	10913
-17.5°	980	1407	2041	2934	4004	5208	6392	7509	8440	9229	9930
-20°	846	1163	1665	2416	3358	4411	5545	6539	7370	8110	8780

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626866 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	739	996	1358	1871	2717	3646	4573	5489	6270	6929	7501
-25°	642	822	1106	1523	2073	2875	3657	4429	5151	5763	6278
-27.5°	566	710	898	1195	1613	2081	2766	3411	4032	4592	5077
-30°	497	604	752	938	1222	1569	1981	2464	2959	3401	3842
-32.5°	447	524	625	763	922	1171	1420	1745	2058	2381	2697
-35°	403	464	533	625	735	880	1044	1242	1410	1621	1815
-37.5°	372	415	468	526	604	685	797	917	1021	1138	1237
-40°	347	381	416	456	509	564	636	704	769	841	895
-42.5°	325	353	379	409	441	485	533	575	615	657	692
-45°	309	329	350	373	398	429	463	495	521	544	564
-47.5°	291	309	327	345	366	389	412	432	453	472	485
-50°	273	291	308	323	341	359	377	393	409	422	431
-52.5°	256	275	291	305	320	335	350	364	378	390	396
-55°	243	260	277	290	302	315	328	342	354	366	369
-57.5°	228	246	262	274	286	297	309	322	334	345	348
-60°	212	230	244	256	267	280	291	303	314	323	327
-62.5°	192	209	221	233	243	253	266	278	290	299	305
-65°	169	183	195	207	217	227	238	250	260	269	275
-67.5°	148	159	170	180	190	200	211	221	231	238	243
-70°	128	138	148	157	166	175	184	193	201	207	212
-72.5°	108	117	125	134	142	150	157	165	172	178	182
-75°	89	97	104	111	118	124	130	136	142	146	151
-77.5°	70	77	83	89	95	100	104	109	113	117	121
-80°	54	58	63	67	72	76	79	82	86	89	92
-82.5°	39	42	45	48	51	53	56	58	61	63	65
-85°	25	26	28	30	31	33	34	36	37	39	40
-87.5°	12	12	13	14	15	16	16	17	18	18	19
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626866 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-740-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	2	2	2	2	2	2	2	2	1	1	1
60°	6	6	6	6	6	6	6	6	6	8	8
57.5°	31	29	27	24	27	29	31	31	31	30	28
55°	67	70	72	71	72	70	67	63	59	58	57
52.5°	95	96	96	94	96	96	95	92	87	82	77
50°	129	129	128	126	128	129	129	127	122	114	104
47.5°	181	184	186	185	186	184	181	177	167	155	144
45°	233	235	237	236	237	235	233	228	215	199	181
42.5°	293	297	299	297	299	297	293	285	271	249	224
40°	415	420	418	411	418	420	415	399	372	335	303
37.5°	628	649	657	658	657	649	628	600	560	488	437
35°	1084	1157	1190	1148	1190	1157	1084	993	892	787	660
32.5°	1810	1939	2012	2012	2012	1939	1810	1636	1423	1205	987
30°	2696	2857	2947	2967	2947	2857	2696	2471	2175	1847	1472
27.5°	3614	3780	3867	3854	3867	3780	3614	3376	3070	2644	2167
25°	4535	4661	4734	4736	4734	4661	4535	4302	3951	3533	2974
22.5°	5896	6161	6270	6299	6270	6161	5896	5506	5160	4634	4005
20°	7379	7636	7802	7812	7802	7636	7379	7022	6493	5901	5127
17.5°	8793	8920	8944	8954	8944	8920	8793	8410	7871	7266	6284
15°	10125	10170	10287	10302	10287	10170	10125	9774	9171	8507	7558
12.5°	10758	10799	10778	10724	10778	10799	10758	10493	10071	9388	8458
10°	11102	11045	10959	10856	10959	11045	11102	10912	10602	10073	9173
7.5°	11181	11117	10965	10815	10965	11117	11181	11198	10986	10544	9683
5°	11218	11030	10839	10656	10839	11030	11218	11280	11162	10796	10071
2.5°	11196	10972	10710	10514	10710	10972	11196	11289	11250	10986	10367
0°	11267	11041	10766	10693	10766	11041	11267	11375	11355	11143	10555
-2.5°	11466	11283	11139	11100	11139	11283	11466	11527	11481	11196	10566
-5°	11824	11784	11540	11597	11540	11784	11824	11772	11582	11152	10379
-7.5°	12170	12112	12009	12143	12009	12112	12170	12018	11646	11041	10152
-10°	12262	12243	12291	12409	12291	12243	12262	11988	11469	10742	9784
-12.5°	11980	12127	12293	12418	12293	12127	11980	11611	11075	10178	9132
-15°	11352	11654	11901	12018	11901	11654	11352	10913	10244	9405	8373
-17.5°	10426	10797	11090	11174	11090	10797	10426	9930	9229	8440	7509
-20°	9287	9664	9931	10037	9931	9664	9287	8780	8110	7370	6539

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REPORT NUMBER: P626866 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8006	8373	8615	8743	8615	8373	8006	7501	6929	6270	5489
-25°	6705	7028	7243	7299	7243	7028	6705	6278	5763	5151	4429
-27.5°	5461	5721	5879	5896	5879	5721	5461	5077	4592	4032	3411
-30°	4209	4451	4588	4660	4588	4451	4209	3842	3401	2959	2464
-32.5°	2956	3148	3264	3294	3264	3148	2956	2697	2381	2058	1745
-35°	1971	2090	2164	2179	2164	2090	1971	1815	1621	1410	1242
-37.5°	1318	1376	1412	1429	1412	1376	1318	1237	1138	1021	917
-40°	934	961	976	979	976	961	934	895	841	769	704
-42.5°	714	728	735	737	735	728	714	692	657	615	575
-45°	577	587	593	595	593	587	577	564	544	521	495
-47.5°	494	500	504	505	504	500	494	485	472	453	432
-50°	435	439	440	440	440	439	435	431	422	409	393
-52.5°	399	401	402	401	402	401	399	396	390	378	364
-55°	372	373	373	373	373	373	372	369	366	354	342
-57.5°	351	353	352	350	352	353	351	348	345	334	322
-60°	330	333	333	332	333	333	330	327	323	314	303
-62.5°	310	314	314	314	314	314	310	305	299	290	278
-65°	280	285	285	283	285	285	280	275	269	260	250
-67.5°	247	251	251	250	251	251	247	243	238	231	221
-70°	217	221	221	220	221	221	217	212	207	201	193
-72.5°	186	190	191	191	191	190	186	182	178	172	165
-75°	154	158	158	157	158	158	154	151	146	142	136
-77.5°	124	128	127	126	127	128	124	121	117	113	109
-80°	95	97	97	96	97	97	95	92	89	86	82
-82.5°	67	69	68	67	68	69	67	65	63	61	58
-85°	41	43	43	43	43	43	41	40	39	37	36
-87.5°	20	20	19	18	19	20	20	19	18	18	17
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626866 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-740-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	1
62.5°	1	0	0	1	1	1	1	1	0	0	1
60°	7	5	6	7	5	4	5	5	2	2	1
57.5°	26	24	23	21	18	15	14	13	12	7	3
55°	56	50	44	39	37	31	26	23	21	17	11
52.5°	72	70	64	56	51	48	42	36	30	26	21
50°	95	94	88	80	72	66	61	52	45	38	31
47.5°	133	125	119	112	98	87	80	73	62	53	44
45°	168	156	146	136	124	110	98	88	78	67	59
42.5°	208	188	171	160	146	132	118	105	92	81	71
40°	271	237	215	193	176	155	141	126	110	94	84
37.5°	374	313	280	248	220	191	170	151	132	113	99
35°	539	449	370	320	278	237	204	179	156	135	115
32.5°	763	629	502	417	342	285	243	211	179	156	134
30°	1127	873	673	532	429	343	281	240	203	174	153
27.5°	1688	1218	925	686	532	420	333	269	226	193	169
25°	2386	1757	1271	925	671	512	395	311	253	211	186
22.5°	3265	2513	1836	1210	886	660	485	355	282	240	208
20°	4349	3381	2535	1798	1211	833	596	429	334	275	231
17.5°	5415	4418	3290	2410	1664	1131	753	524	384	311	256
15°	6495	5319	4123	3092	2140	1380	895	615	441	351	285
12.5°	7320	6097	4766	3638	2519	1645	1074	733	514	384	306
10°	7988	6721	5331	4068	2897	1917	1234	820	566	411	323
7.5°	8506	7168	5769	4435	3203	2143	1364	888	606	434	337
5°	8919	7554	6122	4736	3443	2310	1464	941	636	454	348
2.5°	9233	7838	6360	4935	3605	2426	1539	986	661	474	359
0°	9402	7940	6564	5059	3710	2508	1590	1020	678	489	366
-2.5°	9429	7986	6541	5014	3705	2479	1578	1013	680	493	372
-5°	9179	7802	6355	4886	3582	2409	1546	992	675	493	374
-7.5°	8906	7502	6053	4641	3372	2288	1484	958	664	488	373
-10°	8491	7103	5723	4331	3103	2112	1378	907	642	476	368
-12.5°	7894	6580	5290	3891	2775	1873	1234	842	609	458	360
-15°	7157	5944	4674	3456	2435	1625	1086	760	565	434	348
-17.5°	6392	5208	4004	2934	2041	1407	980	702	527	411	335
-20°	5545	4411	3358	2416	1665	1163	846	631	490	392	324

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REPORT NUMBER: P626866 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4573	3646	2717	1871	1358	996	739	563	449	369	311
-25°	3657	2875	2073	1523	1106	822	642	513	418	347	297
-27.5°	2766	2081	1613	1195	898	710	566	460	384	330	286
-30°	1981	1569	1222	938	752	604	497	420	359	312	273
-32.5°	1420	1171	922	763	625	524	447	384	336	296	264
-35°	1044	880	735	625	533	464	403	357	316	281	254
-37.5°	797	685	604	526	468	415	372	333	296	269	244
-40°	636	564	509	456	416	381	347	312	284	256	233
-42.5°	533	485	441	409	379	353	325	298	272	246	223
-45°	463	429	398	373	350	329	309	284	259	235	213
-47.5°	412	389	366	345	327	309	291	269	245	223	203
-50°	377	359	341	323	308	291	273	252	231	212	193
-52.5°	350	335	320	305	291	275	256	238	219	200	181
-55°	328	315	302	290	277	260	243	225	206	187	168
-57.5°	309	297	286	274	262	246	228	210	192	174	155
-60°	291	280	267	256	244	230	212	194	178	161	143
-62.5°	266	253	243	233	221	209	192	176	161	147	130
-65°	238	227	217	207	195	183	169	156	143	130	116
-67.5°	211	200	190	180	170	159	148	137	125	112	98
-70°	184	175	166	157	148	138	128	117	105	94	83
-72.5°	157	150	142	134	125	117	108	98	88	78	69
-75°	130	124	118	111	104	97	89	81	73	65	57
-77.5°	104	100	95	89	83	77	70	64	58	51	45
-80°	79	76	72	67	63	58	54	49	43	38	34
-82.5°	56	53	51	48	45	42	39	35	31	27	24
-85°	34	33	31	30	28	26	25	22	20	17	15
-87.5°	16	16	15	14	13	12	12	11	9	8	7
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626866 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MWR-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	1	1	0	0	0	0	0
65°	1	0	0	1	1	1	1	1	1	0	0
62.5°	1	2	1	1	1	2	2	1	1	1	0
60°	1	2	2	2	1	2	2	2	1	1	1
57.5°	3	2	2	2	2	2	2	2	2	2	1
55°	5	4	3	3	2	2	2	2	2	2	2
52.5°	14	8	5	4	3	2	2	2	2	2	2
50°	24	16	9	6	4	3	3	2	2	2	2
47.5°	35	25	16	9	6	4	3	3	2	2	2
45°	48	36	25	16	9	7	4	3	3	2	2
42.5°	62	49	36	22	15	10	5	4	3	2	3
40°	75	63	47	33	21	14	8	5	4	3	3
37.5°	87	76	60	43	28	20	13	6	5	3	3
35°	101	88	74	54	38	25	17	8	6	4	3
32.5°	114	99	84	66	47	30	22	12	7	5	3
30°	130	110	94	77	56	38	26	16	9	6	3
27.5°	146	120	103	86	66	46	31	20	11	7	4
25°	162	133	112	94	74	54	36	24	14	8	5
22.5°	178	147	120	101	83	62	43	28	17	10	5
20°	195	160	128	110	91	69	49	32	19	11	6
17.5°	213	175	142	119	98	76	55	37	22	13	7
15°	232	189	155	128	105	82	61	41	24	15	8
12.5°	248	202	166	137	112	87	66	45	26	17	9
10°	262	214	176	146	119	92	71	49	29	18	10
7.5°	274	224	185	154	125	97	75	53	33	20	12
5°	284	233	191	160	130	103	78	55	36	21	13
2.5°	292	239	196	165	135	109	81	57	40	22	15
0°	297	244	199	169	138	114	83	59	43	22	16
-2.5°	300	248	205	172	143	117	86	62	45	25	17
-5°	301	250	210	175	147	118	89	65	46	28	17
-7.5°	301	251	212	176	150	120	91	67	48	30	18
-10°	299	251	213	179	151	121	92	69	49	32	18
-12.5°	296	249	213	180	151	122	94	70	50	34	18
-15°	289	247	212	180	151	123	95	71	50	34	19
-17.5°	281	243	210	178	151	123	96	71	51	34	19
-20°	275	239	207	175	150	122	96	70	50	34	20

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CATALOG NUMBER: GFLD-SA2B-740-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	268	234	203	173	148	122	95	68	50	33	20
-25°	259	229	199	171	147	120	93	66	49	32	21
-27.5°	252	223	194	169	143	118	90	64	47	32	21
-30°	244	217	190	165	140	114	85	62	46	31	20
-32.5°	237	211	185	160	135	110	81	60	45	31	20
-35°	229	204	179	154	131	105	78	57	43	30	19
-37.5°	220	196	171	148	126	100	76	56	42	29	19
-40°	211	188	164	143	121	95	73	55	40	27	18
-42.5°	201	179	158	137	115	92	70	53	38	26	17
-45°	192	171	151	130	109	87	67	51	36	24	16
-47.5°	183	162	142	122	103	82	64	48	33	23	16
-50°	172	152	132	114	96	77	59	44	32	22	15
-52.5°	160	139	122	106	88	70	54	40	30	21	15
-55°	147	129	114	98	80	64	49	38	28	20	14
-57.5°	137	121	105	89	73	57	45	35	26	19	13
-60°	127	111	96	80	64	52	41	32	24	17	12
-62.5°	115	100	84	69	57	46	38	30	22	16	12
-65°	101	86	72	60	50	41	34	27	20	15	11
-67.5°	85	73	62	51	43	36	30	24	18	13	10
-70°	72	61	52	44	37	31	26	20	15	12	8
-72.5°	60	52	44	37	32	26	21	17	13	10	7
-75°	50	43	36	31	26	21	18	14	11	8	6
-77.5°	39	34	29	24	21	17	14	11	9	7	6
-80°	30	26	22	19	16	13	11	9	7	6	5
-82.5°	21	18	16	14	12	10	8	7	6	5	4
-85°	14	12	11	9	8	7	6	5	4	3	3
-87.5°	7	6	5	5	4	4	3	3	2	2	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: P626866 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-740-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	0	1	1	0	0	0	0
62.5°	0	1	1	1	0	0	0
60°	0	1	1	1	0	0	0
57.5°	1	1	1	1	0	0	0
55°	1	1	1	1	0	0	0
52.5°	1	1	1	1	0	0	0
50°	2	1	1	2	1	0	0
47.5°	2	1	2	2	1	0	0
45°	2	2	2	2	1	0	0
42.5°	2	2	2	2	1	0	0
40°	3	2	2	2	1	0	0
37.5°	3	2	2	2	1	0	0
35°	3	2	2	2	1	0	0
32.5°	3	2	2	2	1	0	0
30°	4	3	2	2	1	0	0
27.5°	4	3	2	2	2	0	0
25°	4	3	2	2	2	0	0
22.5°	4	3	2	2	2	0	0
20°	4	3	2	2	2	0	0
17.5°	4	4	2	2	2	0	0
15°	4	4	2	2	2	0	0
12.5°	5	4	2	2	2	0	0
10°	5	4	2	2	2	0	0
7.5°	5	4	2	2	2	0	0
5°	6	4	2	2	2	0	0
2.5°	6	4	2	2	2	0	0
0°	6	4	2	2	2	0	0
-2.5°	7	4	2	2	2	0	0
-5°	8	5	2	2	2	0	0
-7.5°	9	5	3	2	2	0	0
-10°	10	5	3	2	2	0	0
-12.5°	11	5	3	2	2	0	0
-15°	11	5	3	2	2	0	0
-17.5°	11	5	3	2	2	0	0
-20°	12	5	3	2	2	0	0

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CATALOG NUMBER: GFLD-SA2B-740-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)