

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: P626620 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-735-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P626620 (CONVERTED FROM TYPE C PHOTOMETRY)  
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Issue Date: 12/7/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: MCGRAW-EDISON  
 Catalog Number: GFLD-SA1B-735-U-VWR-VSR-XX  
 Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
 Light Source: (16) 3500K CCT, 70 CRI LEDS  
 Ballast/Driver: -

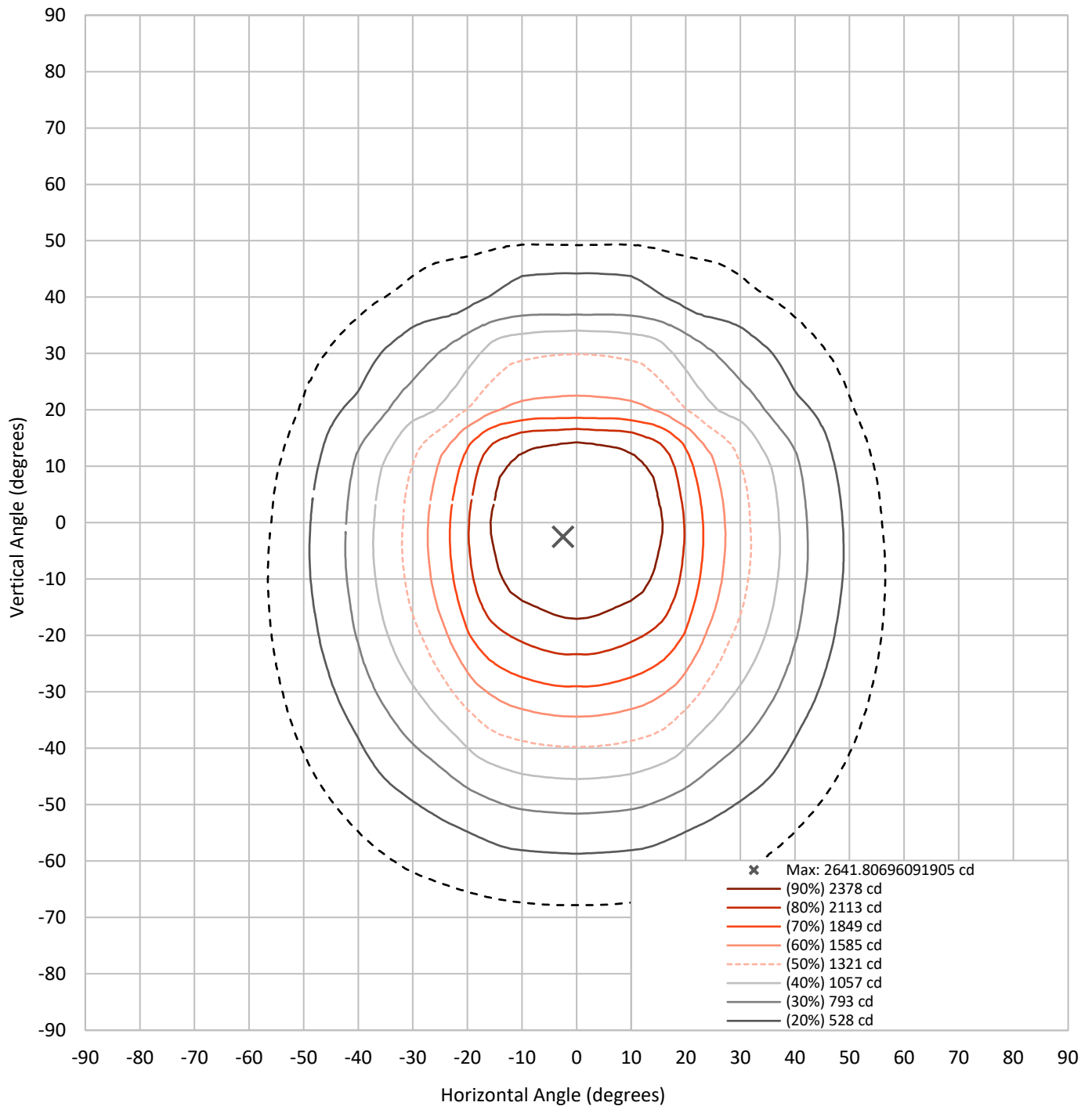
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	3525.6 lumens	Max Intensity:	2641.8 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	105.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	2039.8 lumens	Field Lumens:	3345.6 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	33.5		
Input Voltage (V):	120		
Input Current (A <sub>in</sub> ):	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: P626620 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Iso-Candela Plot





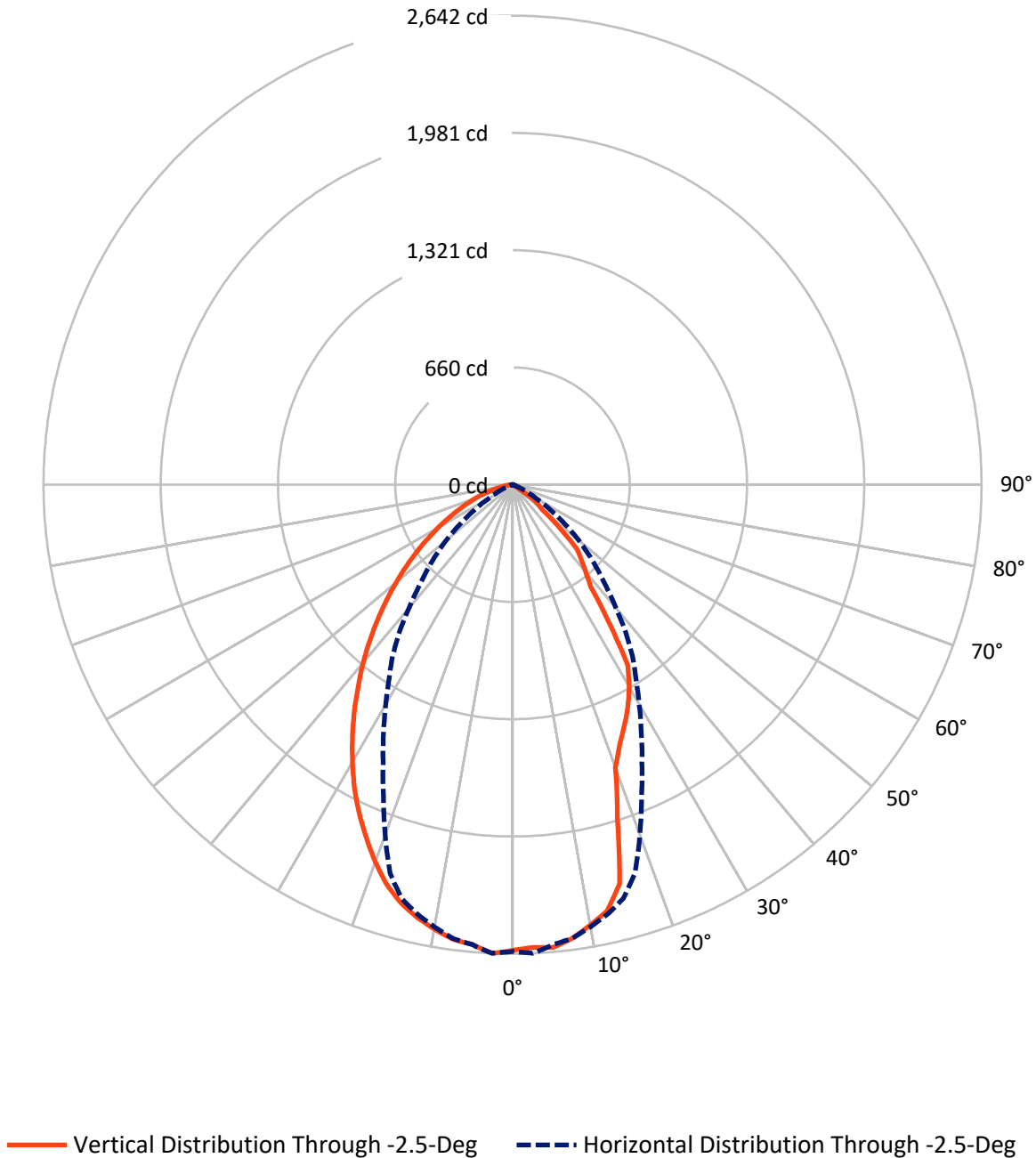
REPORT NUMBER: P626620 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	1.0	1.9	2.7	3.4	3.4	2.7	1.9	1.0	0.3	0.1		0.0			
40	0.1	0.1	0.4	1.8	4.4	7.9	11.6	14.2	14.2	11.6	7.9	4.4	1.8	0.4	0.1	0.1			
30		0.2	1.3	4.6	10.2	16.6	24.8	29.0	29.0	24.8	16.6	10.2	4.6	1.3	0.2				
20	0.1	0.4	2.5	8.1	16.5	26.1	39.2	45.0	45.0	39.2	26.1	16.5	8.1	2.5	0.4	0.1			
10		0.7	3.9	12.0	23.7	39.0	58.1	66.6	66.6	58.1	39.0	23.7	12.0	3.9	0.7				
0	0.2	0.9	5.0	14.3	28.4	46.6	68.6	77.9	77.9	68.6	46.6	28.4	14.3	5.0	0.9	0.2			
-10		1.1	5.6	14.8	29.1	47.7	69.1	78.2	78.2	69.1	47.7	29.1	14.8	5.6	1.1				
-20	0.2	1.1	5.4	14.0	27.5	44.7	64.2	72.5	72.5	64.2	44.7	27.5	14.0	5.4	1.1	0.2			
-30		1.0	4.8	12.2	23.7	38.0	53.8	60.9	60.9	53.8	38.0	23.7	12.2	4.8	1.0				
-40	0.2	0.9	3.8	9.6	18.7	29.3	41.1	46.5	46.5	41.1	29.3	18.7	9.6	3.8	0.9	0.2			
-50		0.7	2.8	6.9	13.4	20.6	28.4	32.3	32.3	28.4	20.6	13.4	6.9	2.8	0.7				
-60	0.2	0.5	1.8	4.4	8.3	12.8	17.4	19.8	19.8	17.4	12.8	8.3	4.4	1.8	0.5	0.2			
-70		0.4	1.1	2.6	4.6	6.8	9.0	10.2	10.2	9.0	6.8	4.6	2.6	1.1	0.4				
-80	0.1	0.8	3.8	8.3	9.3	8.3	3.8	0.8	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

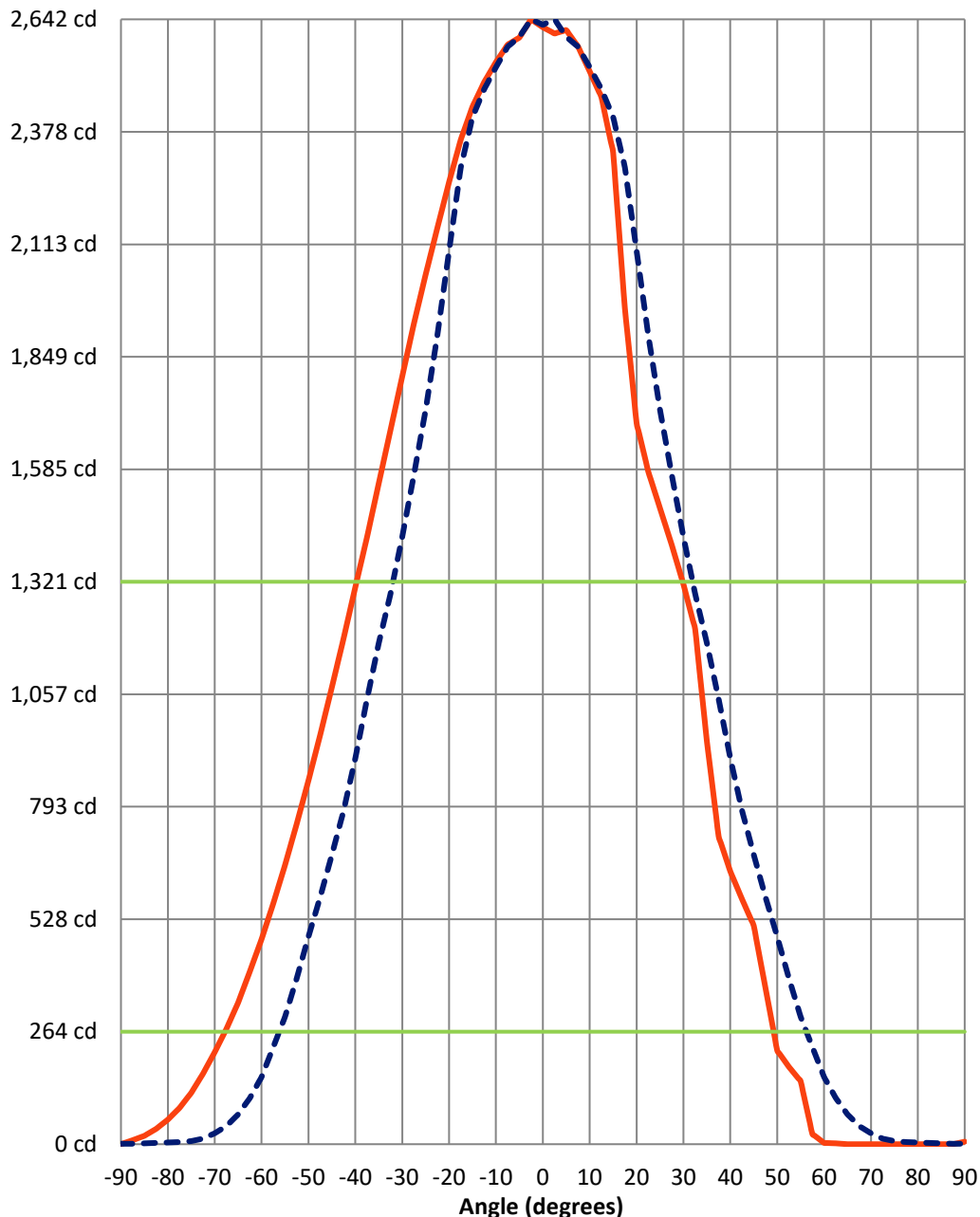
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 2039.8  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 3345.6  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 180  
 Efficiency: 5.1%

— Vertical Distribution through -2.5-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°	1	1	1	1	2	2	2	2	3	3	3
87.5°	1	1	1	1	1	1	1	1	0	0	0
85°	1	1	1	1	1	1	0	0	0	0	0
82.5°	1	1	1	1	1	1	0	0	0	0	0
80°	1	1	1	1	1	0	0	0	0	1	1
77.5°	1	1	1	1	1	0	0	0	1	1	1
75°	1	1	1	1	1	0	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	0
70°	1	1	1	1	1	1	1	1	1	0	0
67.5°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	2	1
60°	1	1	1	1	1	1	1	1	2	2	2
57.5°	1	1	1	1	1	1	1	2	2	2	2
55°	1	1	1	1	1	1	2	2	2	2	2
52.5°	1	1	1	1	1	2	2	2	3	3	3
50°	1	1	1	1	1	2	2	3	3	3	3
47.5°	1	1	1	1	2	2	2	3	3	4	4
45°	1	1	1	1	2	2	3	3	4	4	4
42.5°	1	1	1	1	2	2	3	3	4	4	5
40°	1	1	1	1	2	3	3	4	4	5	6
37.5°	1	1	1	1	2	3	3	4	5	5	7
35°	1	1	1	2	2	3	3	4	5	7	9
32.5°	1	1	1	2	2	3	4	5	6	8	13
30°	1	1	1	2	2	3	4	5	6	10	17
27.5°	1	1	1	2	3	3	4	6	7	12	20
25°	1	1	1	2	3	3	5	6	8	14	24
22.5°	1	1	2	2	3	4	5	6	10	17	29
20°	1	1	2	2	3	4	5	7	11	20	34
17.5°	1	1	2	2	3	4	5	7	13	23	38
15°	1	1	2	3	3	4	6	8	15	25	43
12.5°	1	1	2	3	3	4	6	8	16	28	47
10°	1	1	2	3	4	4	6	9	18	30	51
7.5°	1	1	2	3	4	5	6	10	20	33	56
5°	1	1	2	3	4	5	7	10	22	35	60
2.5°	1	1	2	3	4	5	7	11	23	37	64
0°	1	1	2	3	4	5	7	12	25	39	67
-2.5°	1	1	2	3	4	5	7	13	26	43	70
-5°	1	1	2	3	4	5	8	14	26	45	72
-7.5°	1	1	2	3	4	5	8	15	27	47	74
-10°	1	1	2	3	4	5	8	16	28	49	76
-12.5°	1	1	2	3	4	5	8	16	28	50	77
-15°	1	1	2	3	4	5	9	17	28	50	77
-17.5°	1	1	2	3	4	5	9	17	29	49	77
-20°	1	1	2	3	4	5	9	18	30	48	75

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CATALOG NUMBER: GFLD-SA1B-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	1	1	2	3	4	5	9	18	30	47	73
-25°	1	1	2	3	4	6	10	18	30	46	69
-27.5°	1	1	2	3	4	6	10	17	29	44	67
-30°	1	1	2	3	4	7	10	17	29	43	64
-32.5°	1	1	2	3	4	7	11	17	28	42	61
-35°	1	1	2	2	4	7	11	17	27	41	57
-37.5°	1	1	2	2	4	7	11	17	26	39	56
-40°	1	1	2	2	4	8	11	17	24	37	54
-42.5°	1	1	1	2	4	8	11	16	24	35	51
-45°	1	1	1	2	4	7	11	16	23	34	48
-47.5°	1	1	1	2	4	7	11	16	22	31	45
-50°	1	1	1	2	4	7	11	15	21	30	42
-52.5°	1	1	1	2	4	7	11	15	21	29	39
-55°	1	1	1	2	4	7	10	14	20	28	37
-57.5°	1	1	1	2	4	6	10	14	19	27	35
-60°	1	1	1	2	3	6	9	13	18	25	33
-62.5°	1	1	1	2	3	5	8	12	17	23	31
-65°	1	1	1	2	3	5	8	11	15	20	28
-67.5°	1	1	1	2	3	4	7	10	13	17	24
-70°	1	1	1	1	3	4	6	8	11	14	19
-72.5°	1	1	1	1	2	4	5	7	9	12	15
-75°	1	1	1	1	2	3	4	6	7	9	12
-77.5°	1	1	1	1	2	3	4	5	6	7	9
-80°	1	1	1	1	2	2	3	4	5	6	7
-82.5°	1	1	1	1	2	2	3	3	4	4	5
-85°	1	1	1	1	2	2	3	3	3	3	4
-87.5°	1	1	1	1	2	2	2	3	3	3	3
-90°	1	1	1	1	1	1	1	1	0	0	0





REPORT NUMBER: P626620 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	3	3	3	3	3	3	3	3	3	3	4
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°	1	1	0	0	0	0	0	0	0	0	0
77.5°	1	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°	1	1	0	0	0	0	0	0	0	0	0
67.5°	1	1	0	0	0	1	0	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	2	2	2	2	1	1	2
60°	1	2	2	2	2	2	2	2	3	3	6
57.5°	2	2	2	3	3	3	3	3	8	13	14
55°	3	3	3	4	4	4	5	11	17	24	26
52.5°	3	3	4	5	5	8	14	22	30	38	48
50°	4	4	5	6	9	16	25	36	49	61	74
47.5°	4	5	6	9	18	28	40	58	74	89	106
45°	5	7	9	18	29	41	62	84	99	118	149
42.5°	6	10	16	27	40	61	87	105	125	157	188
40°	9	14	25	38	54	84	111	132	158	193	227
37.5°	13	21	33	49	76	109	137	167	197	231	292
35°	17	27	44	65	98	136	170	204	238	304	365
32.5°	22	33	55	84	121	163	203	242	297	372	433
30°	27	43	68	102	143	188	236	283	357	418	485
27.5°	33	53	83	120	164	212	265	332	398	459	532
25°	38	64	97	137	184	237	299	380	432	499	576
22.5°	46	74	110	153	203	263	342	424	485	541	616
20°	55	86	125	173	222	289	385	471	542	607	676
17.5°	63	97	141	193	249	322	427	522	601	673	758
15°	70	107	157	213	275	359	464	569	659	740	837
12.5°	77	116	172	231	300	391	496	598	697	803	913
10°	83	124	186	247	323	419	522	623	722	834	957
7.5°	90	132	199	262	344	441	543	642	743	859	985
5°	96	139	209	273	360	459	559	657	758	878	1006
2.5°	101	145	218	281	373	472	569	669	769	893	1023
0°	105	150	224	288	382	481	575	677	776	903	1033
-2.5°	108	158	228	299	390	487	580	680	783	907	1046
-5°	110	164	231	308	395	490	582	678	785	906	1047
-7.5°	112	169	232	313	397	488	579	675	782	903	1040
-10°	112	170	234	312	394	483	572	667	773	893	1025
-12.5°	114	169	233	308	389	475	563	654	758	875	1004
-15°	115	167	231	303	381	465	550	637	740	859	981
-17.5°	114	164	225	297	370	452	534	622	723	839	957
-20°	111	160	217	290	358	438	519	606	703	812	931

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CATALOG NUMBER: GFLD-SA1B-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	107	155	208	279	347	422	501	584	678	778	895
-25°	102	150	201	265	334	403	481	557	649	747	851
-27.5°	98	142	194	250	319	383	457	532	616	712	808
-30°	92	134	185	235	300	364	431	505	580	671	766
-32.5°	88	126	175	224	280	342	403	474	547	625	718
-35°	84	121	164	211	260	319	377	438	509	582	664
-37.5°	82	115	152	197	244	295	349	405	467	541	618
-40°	77	108	144	184	226	272	322	373	427	499	574
-42.5°	72	102	136	170	208	250	295	343	394	457	526
-45°	68	94	127	158	189	227	270	313	362	415	478
-47.5°	63	85	116	144	172	205	243	284	327	376	427
-50°	57	78	102	129	156	183	216	254	293	335	381
-52.5°	53	69	91	114	139	164	192	224	259	295	335
-55°	48	63	81	102	123	146	171	200	228	261	293
-57.5°	45	57	73	90	110	129	153	177	204	230	257
-60°	42	52	65	80	97	116	135	158	180	202	225
-62.5°	39	47	58	70	86	102	119	138	159	177	195
-65°	35	42	51	62	74	87	102	118	136	151	165
-67.5°	31	37	44	53	63	73	84	98	112	124	136
-70°	25	31	37	44	52	60	70	80	90	100	111
-72.5°	19	24	29	34	41	48	56	64	73	81	89
-75°	15	18	22	27	31	36	41	48	56	64	72
-77.5°	11	14	17	20	23	26	30	34	41	48	56
-80°	8	10	12	14	16	18	20	22	27	33	40
-82.5°	6	7	8	10	11	12	13	14	18	22	26
-85°	4	4	5	6	6	7	8	8	10	12	15
-87.5°	4	4	4	4	4	4	4	4	5	6	6
-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°	4	4	4	5	5	5	5	6	6	6	6
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	0	0	0	1	1	1	1	1
62.5°	2	1	1	2	2	2	2	2	2	2	2
60°	6	4	5	6	5	4	6	7	6	4	4
57.5°	15	14	16	24	26	24	29	35	35	30	30
55°	31	42	55	57	66	84	99	92	92	97	112
52.5°	60	70	74	84	103	116	125	134	144	155	165
50°	88	98	109	119	145	159	157	176	200	215	223
47.5°	129	144	168	205	225	239	256	278	305	343	372
45°	177	201	238	277	308	322	342	375	419	462	493
42.5°	216	250	291	329	354	376	402	430	481	527	563
40°	268	294	340	376	398	420	462	503	551	594	624
37.5°	333	363	411	451	472	480	550	608	647	702	720
35°	403	452	513	565	586	628	700	781	869	901	929
32.5°	481	541	624	680	710	773	865	951	1066	1129	1148
30°	553	621	693	747	798	874	958	1065	1171	1251	1276
27.5°	605	681	750	801	858	941	1044	1153	1257	1339	1368
25°	656	741	796	855	922	1012	1127	1247	1350	1419	1455
22.5°	713	797	856	906	994	1097	1204	1340	1449	1504	1542
20°	771	867	957	1004	1080	1211	1330	1459	1564	1621	1662
17.5°	853	975	1086	1152	1234	1390	1539	1669	1815	1867	1917
15°	940	1081	1211	1315	1421	1576	1768	1924	2091	2166	2251
12.5°	1026	1160	1277	1412	1561	1698	1881	2076	2227	2323	2379
10°	1091	1215	1328	1463	1611	1766	1948	2148	2307	2388	2434
7.5°	1126	1244	1364	1500	1648	1813	2000	2199	2361	2440	2486
5°	1151	1265	1389	1533	1683	1850	2037	2233	2381	2464	2522
2.5°	1167	1279	1405	1554	1704	1878	2074	2277	2407	2474	2527
0°	1172	1284	1414	1565	1719	1894	2089	2290	2421	2486	2540
-2.5°	1177	1292	1426	1572	1725	1900	2098	2294	2412	2478	2529
-5°	1173	1293	1426	1566	1720	1893	2084	2267	2391	2462	2513
-7.5°	1163	1284	1416	1551	1701	1877	2066	2243	2368	2443	2499
-10°	1147	1265	1398	1534	1683	1850	2037	2212	2332	2411	2477
-12.5°	1130	1246	1374	1504	1651	1817	1997	2163	2282	2369	2416
-15°	1105	1220	1343	1469	1612	1773	1945	2105	2221	2292	2344
-17.5°	1072	1186	1302	1422	1557	1715	1888	2046	2141	2204	2254
-20°	1038	1143	1253	1366	1497	1653	1824	1961	2050	2111	2159

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Cooper Lighting Solutions Photometric Lab  
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REPORT NUMBER: P626620 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	998	1099	1200	1308	1436	1580	1731	1863	1959	2015	2059
-25°	953	1051	1147	1251	1369	1498	1638	1769	1855	1914	1958
-27.5°	905	997	1090	1184	1290	1418	1548	1669	1743	1802	1846
-30°	856	939	1026	1114	1214	1330	1451	1553	1631	1688	1729
-32.5°	804	883	959	1042	1136	1238	1344	1441	1524	1577	1611
-35°	750	826	896	972	1054	1142	1241	1336	1418	1460	1493
-37.5°	694	770	836	899	971	1052	1148	1239	1310	1346	1376
-40°	645	712	772	832	890	962	1052	1140	1197	1232	1260
-42.5°	598	654	703	757	815	887	959	1033	1078	1117	1147
-45°	543	593	639	684	737	802	868	927	970	1007	1036
-47.5°	482	531	575	615	665	719	774	823	866	903	928
-50°	425	469	512	553	596	640	684	727	768	803	825
-52.5°	374	415	453	488	525	563	600	639	676	710	728
-55°	328	365	399	429	459	488	520	557	591	622	635
-57.5°	287	318	349	374	398	422	450	480	510	537	547
-60°	249	274	299	322	343	363	387	412	436	457	465
-62.5°	214	235	255	273	291	309	329	348	368	383	391
-65°	181	197	213	228	242	258	273	288	302	313	320
-67.5°	149	162	174	186	198	210	222	234	244	253	260
-70°	121	131	140	150	160	170	179	187	195	202	207
-72.5°	97	105	114	122	131	138	144	151	157	160	163
-75°	79	85	93	100	106	112	117	121	126	126	125
-77.5°	63	69	75	81	86	89	92	95	98	97	94
-80°	47	52	56	61	66	68	69	70	71	69	66
-82.5°	31	34	37	40	43	45	46	46	47	45	43
-85°	17	19	20	22	23	24	25	26	26	25	24
-87.5°	7	8	8	8	9	9	9	9	10	10	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626620 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	6	6	6	6	6	6	6	6	6	6	6
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	1	1	1	1
62.5°	2	2	2	2	2	2	2	2	2	2	2
60°	4	3	3	3	3	3	4	4	4	6	7
57.5°	27	23	24	27	24	23	27	30	30	35	35
55°	128	143	148	145	148	143	128	112	97	92	92
52.5°	173	179	182	182	182	179	173	165	155	144	134
50°	225	223	220	217	220	223	225	223	215	200	176
47.5°	376	370	367	372	367	370	376	372	343	305	278
45°	500	507	513	513	513	507	500	493	462	419	375
42.5°	570	574	575	574	575	574	570	563	527	481	430
40°	633	638	641	643	641	638	633	624	594	551	503
37.5°	725	727	723	721	723	727	725	720	702	647	608
35°	952	957	946	958	946	957	952	929	901	869	781
32.5°	1170	1192	1209	1224	1209	1192	1170	1148	1129	1066	951
30°	1293	1307	1315	1317	1315	1307	1293	1276	1251	1171	1065
27.5°	1384	1398	1407	1414	1407	1398	1384	1368	1339	1257	1153
25°	1471	1484	1493	1497	1493	1484	1471	1455	1419	1350	1247
22.5°	1561	1571	1579	1584	1579	1571	1561	1542	1504	1449	1340
20°	1691	1686	1694	1691	1694	1686	1691	1662	1621	1564	1459
17.5°	1955	1958	1964	1972	1964	1958	1955	1917	1867	1815	1669
15°	2288	2295	2329	2359	2329	2295	2288	2251	2166	2091	1924
12.5°	2432	2455	2459	2467	2459	2455	2432	2379	2323	2227	2076
10°	2480	2520	2519	2530	2519	2520	2480	2434	2388	2307	2148
7.5°	2517	2560	2578	2586	2578	2560	2517	2486	2440	2361	2199
5°	2561	2585	2616	2607	2616	2585	2561	2522	2464	2381	2233
2.5°	2580	2617	2609	2617	2609	2617	2580	2527	2474	2407	2277
0°	2593	2619	2623	2632	2623	2619	2593	2540	2486	2421	2290
-2.5°	2577	2601	2642	2629	2642	2601	2577	2529	2478	2412	2294
-5°	2564	2622	2599	2627	2599	2622	2564	2513	2462	2391	2267
-7.5°	2557	2567	2582	2604	2582	2567	2557	2499	2443	2368	2243
-10°	2504	2514	2541	2556	2541	2514	2504	2477	2411	2332	2212
-12.5°	2445	2466	2495	2504	2495	2466	2445	2416	2369	2282	2163
-15°	2379	2409	2437	2443	2437	2409	2379	2344	2292	2221	2105
-17.5°	2294	2330	2359	2366	2359	2330	2294	2254	2204	2141	2046
-20°	2200	2235	2260	2267	2260	2235	2200	2159	2111	2050	1961

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REPORT NUMBER: P626620 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2100	2131	2152	2149	2152	2131	2100	2059	2015	1959	1863
-25°	1993	2022	2042	2039	2042	2022	1993	1958	1914	1855	1769
-27.5°	1880	1908	1927	1928	1927	1908	1880	1846	1802	1743	1669
-30°	1762	1787	1803	1797	1803	1787	1762	1729	1688	1631	1553
-32.5°	1640	1663	1677	1681	1677	1663	1640	1611	1577	1524	1441
-35°	1520	1540	1552	1555	1552	1540	1520	1493	1460	1418	1336
-37.5°	1400	1417	1426	1422	1426	1417	1400	1376	1346	1310	1239
-40°	1282	1298	1308	1311	1308	1298	1282	1260	1232	1197	1140
-42.5°	1166	1179	1188	1192	1188	1179	1166	1147	1117	1078	1033
-45°	1053	1065	1073	1078	1073	1065	1053	1036	1007	970	927
-47.5°	943	954	961	964	961	954	943	928	903	866	823
-50°	838	848	854	858	854	848	838	825	803	768	727
-52.5°	739	747	753	755	753	747	739	728	710	676	639
-55°	644	650	656	659	656	650	644	635	622	591	557
-57.5°	555	561	566	569	566	561	555	547	537	510	480
-60°	472	477	482	484	482	477	472	465	457	436	412
-62.5°	397	402	406	408	406	402	397	391	383	368	348
-65°	326	330	333	334	333	330	326	320	313	302	288
-67.5°	265	270	271	270	271	270	265	260	253	244	234
-70°	211	215	216	216	216	215	211	207	202	195	187
-72.5°	165	167	165	163	165	167	165	163	160	157	151
-75°	124	123	121	118	121	123	124	125	126	126	121
-77.5°	91	87	85	83	85	87	91	94	97	98	95
-80°	63	60	58	55	58	60	63	66	69	71	70
-82.5°	40	37	36	35	36	37	40	43	45	47	46
-85°	22	21	20	19	20	21	22	24	25	26	26
-87.5°	10	10	9	9	9	10	10	10	10	10	9
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626620 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	5	5	5	5	4	4	4	4	3	3	3
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	1	1	1	1
65°	1	0	0	0	1	1	1	1	1	1	1
62.5°	2	2	2	2	1	1	2	2	1	1	2
60°	6	4	5	6	5	4	6	6	3	3	2
57.5°	29	24	26	24	16	14	15	14	13	8	3
55°	99	84	66	57	55	42	31	26	24	17	11
52.5°	125	116	103	84	74	70	60	48	38	30	22
50°	157	159	145	119	109	98	88	74	61	49	36
47.5°	256	239	225	205	168	144	129	106	89	74	58
45°	342	322	308	277	238	201	177	149	118	99	84
42.5°	402	376	354	329	291	250	216	188	157	125	105
40°	462	420	398	376	340	294	268	227	193	158	132
37.5°	550	480	472	451	411	363	333	292	231	197	167
35°	700	628	586	565	513	452	403	365	304	238	204
32.5°	865	773	710	680	624	541	481	433	372	297	242
30°	958	874	798	747	693	621	553	485	418	357	283
27.5°	1044	941	858	801	750	681	605	532	459	398	332
25°	1127	1012	922	855	796	741	656	576	499	432	380
22.5°	1204	1097	994	906	856	797	713	616	541	485	424
20°	1330	1211	1080	1004	957	867	771	676	607	542	471
17.5°	1539	1390	1234	1152	1086	975	853	758	673	601	522
15°	1768	1576	1421	1315	1211	1081	940	837	740	659	569
12.5°	1881	1698	1561	1412	1277	1160	1026	913	803	697	598
10°	1948	1766	1611	1463	1328	1215	1091	957	834	722	623
7.5°	2000	1813	1648	1500	1364	1244	1126	985	859	743	642
5°	2037	1850	1683	1533	1389	1265	1151	1006	878	758	657
2.5°	2074	1878	1704	1554	1405	1279	1167	1023	893	769	669
0°	2089	1894	1719	1565	1414	1284	1172	1033	903	776	677
-2.5°	2098	1900	1725	1572	1426	1292	1177	1046	907	783	680
-5°	2084	1893	1720	1566	1426	1293	1173	1047	906	785	678
-7.5°	2066	1877	1701	1551	1416	1284	1163	1040	903	782	675
-10°	2037	1850	1683	1534	1398	1265	1147	1025	893	773	667
-12.5°	1997	1817	1651	1504	1374	1246	1130	1004	875	758	654
-15°	1945	1773	1612	1469	1343	1220	1105	981	859	740	637
-17.5°	1888	1715	1557	1422	1302	1186	1072	957	839	723	622
-20°	1824	1653	1497	1366	1253	1143	1038	931	812	703	606

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REPORT NUMBER: P626620 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1731	1580	1436	1308	1200	1099	998	895	778	678	584
-25°	1638	1498	1369	1251	1147	1051	953	851	747	649	557
-27.5°	1548	1418	1290	1184	1090	997	905	808	712	616	532
-30°	1451	1330	1214	1114	1026	939	856	766	671	580	505
-32.5°	1344	1238	1136	1042	959	883	804	718	625	547	474
-35°	1241	1142	1054	972	896	826	750	664	582	509	438
-37.5°	1148	1052	971	899	836	770	694	618	541	467	405
-40°	1052	962	890	832	772	712	645	574	499	427	373
-42.5°	959	887	815	757	703	654	598	526	457	394	343
-45°	868	802	737	684	639	593	543	478	415	362	313
-47.5°	774	719	665	615	575	531	482	427	376	327	284
-50°	684	640	596	553	512	469	425	381	335	293	254
-52.5°	600	563	525	488	453	415	374	335	295	259	224
-55°	520	488	459	429	399	365	328	293	261	228	200
-57.5°	450	422	398	374	349	318	287	257	230	204	177
-60°	387	363	343	322	299	274	249	225	202	180	158
-62.5°	329	309	291	273	255	235	214	195	177	159	138
-65°	273	258	242	228	213	197	181	165	151	136	118
-67.5°	222	210	198	186	174	162	149	136	124	112	98
-70°	179	170	160	150	140	131	121	111	100	90	80
-72.5°	144	138	131	122	114	105	97	89	81	73	64
-75°	117	112	106	100	93	85	79	72	64	56	48
-77.5°	92	89	86	81	75	69	63	56	48	41	34
-80°	69	68	66	61	56	52	47	40	33	27	22
-82.5°	46	45	43	40	37	34	31	26	22	18	14
-85°	25	24	23	22	20	19	17	15	12	10	8
-87.5°	9	9	9	8	8	8	7	6	6	5	4
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626620 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	3	3	3	3	3	3	3	3	3	3	2
87.5°	0	0	0	0	0	0	0	0	0	0	1
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	1	1	1	1	0	0
77.5°	0	0	0	0	0	0	1	1	1	1	0
75°	0	0	0	0	0	0	0	1	1	1	1
72.5°	0	0	0	0	0	0	0	0	1	1	1
70°	0	0	0	0	0	1	1	0	0	1	1
67.5°	0	1	0	0	0	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
62.5°	2	2	2	1	1	1	1	1	2	1	1
60°	2	2	2	2	2	2	1	2	2	2	1
57.5°	3	3	3	3	2	2	2	2	2	2	2
55°	5	4	4	4	3	3	3	2	2	2	2
52.5°	14	8	5	5	4	3	3	3	3	3	2
50°	25	16	9	6	5	4	4	3	3	3	3
47.5°	40	28	18	9	6	5	4	4	4	3	3
45°	62	41	29	18	9	7	5	4	4	4	3
42.5°	87	61	40	27	16	10	6	5	4	4	3
40°	111	84	54	38	25	14	9	6	5	4	4
37.5°	137	109	76	49	33	21	13	7	5	5	4
35°	170	136	98	65	44	27	17	9	7	5	4
32.5°	203	163	121	84	55	33	22	13	8	6	5
30°	236	188	143	102	68	43	27	17	10	6	5
27.5°	265	212	164	120	83	53	33	20	12	7	6
25°	299	237	184	137	97	64	38	24	14	8	6
22.5°	342	263	203	153	110	74	46	29	17	10	6
20°	385	289	222	173	125	86	55	34	20	11	7
17.5°	427	322	249	193	141	97	63	38	23	13	7
15°	464	359	275	213	157	107	70	43	25	15	8
12.5°	496	391	300	231	172	116	77	47	28	16	8
10°	522	419	323	247	186	124	83	51	30	18	9
7.5°	543	441	344	262	199	132	90	56	33	20	10
5°	559	459	360	273	209	139	96	60	35	22	10
2.5°	569	472	373	281	218	145	101	64	37	23	11
0°	575	481	382	288	224	150	105	67	39	25	12
-2.5°	580	487	390	299	228	158	108	70	43	26	13
-5°	582	490	395	308	231	164	110	72	45	26	14
-7.5°	579	488	397	313	232	169	112	74	47	27	15
-10°	572	483	394	312	234	170	112	76	49	28	16
-12.5°	563	475	389	308	233	169	114	77	50	28	16
-15°	550	465	381	303	231	167	115	77	50	28	17
-17.5°	534	452	370	297	225	164	114	77	49	29	17
-20°	519	438	358	290	217	160	111	75	48	30	18

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REPORT NUMBER: P626620 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	501	422	347	279	208	155	107	73	47	30	18
-25°	481	403	334	265	201	150	102	69	46	30	18
-27.5°	457	383	319	250	194	142	98	67	44	29	17
-30°	431	364	300	235	185	134	92	64	43	29	17
-32.5°	403	342	280	224	175	126	88	61	42	28	17
-35°	377	319	260	211	164	121	84	57	41	27	17
-37.5°	349	295	244	197	152	115	82	56	39	26	17
-40°	322	272	226	184	144	108	77	54	37	24	17
-42.5°	295	250	208	170	136	102	72	51	35	24	16
-45°	270	227	189	158	127	94	68	48	34	23	16
-47.5°	243	205	172	144	116	85	63	45	31	22	16
-50°	216	183	156	129	102	78	57	42	30	21	15
-52.5°	192	164	139	114	91	69	53	39	29	21	15
-55°	171	146	123	102	81	63	48	37	28	20	14
-57.5°	153	129	110	90	73	57	45	35	27	19	14
-60°	135	116	97	80	65	52	42	33	25	18	13
-62.5°	119	102	86	70	58	47	39	31	23	17	12
-65°	102	87	74	62	51	42	35	28	20	15	11
-67.5°	84	73	63	53	44	37	31	24	17	13	10
-70°	70	60	52	44	37	31	25	19	14	11	8
-72.5°	56	48	41	34	29	24	19	15	12	9	7
-75°	41	36	31	27	22	18	15	12	9	7	6
-77.5°	30	26	23	20	17	14	11	9	7	6	5
-80°	20	18	16	14	12	10	8	7	6	5	4
-82.5°	13	12	11	10	8	7	6	5	4	4	3
-85°	8	7	6	6	5	4	4	4	3	3	3
-87.5°	4	4	4	4	4	4	4	3	3	3	3
-90°	0	0	0	0	0	0	0	0	0	0	1

Classified

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

Scaled Data Report



REPORT NUMBER: P626620 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

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CATALOG NUMBER: GFLD-SA1B-735-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)