

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: P627574 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-735-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627574 (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-SA5B-735-U-MR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22918.7 lumens
Efficiency: N/A
Efficacy: 144.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
NEMA Type: 4H x 4V
Max Intensity: 80807.2 candela
Max Intensity Angle: 0°H x -2.5°V
Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 11459.6 lumens
Beam Efficiency: 50.0%
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 19691.4 lumens
Field Efficiency: 85.9%

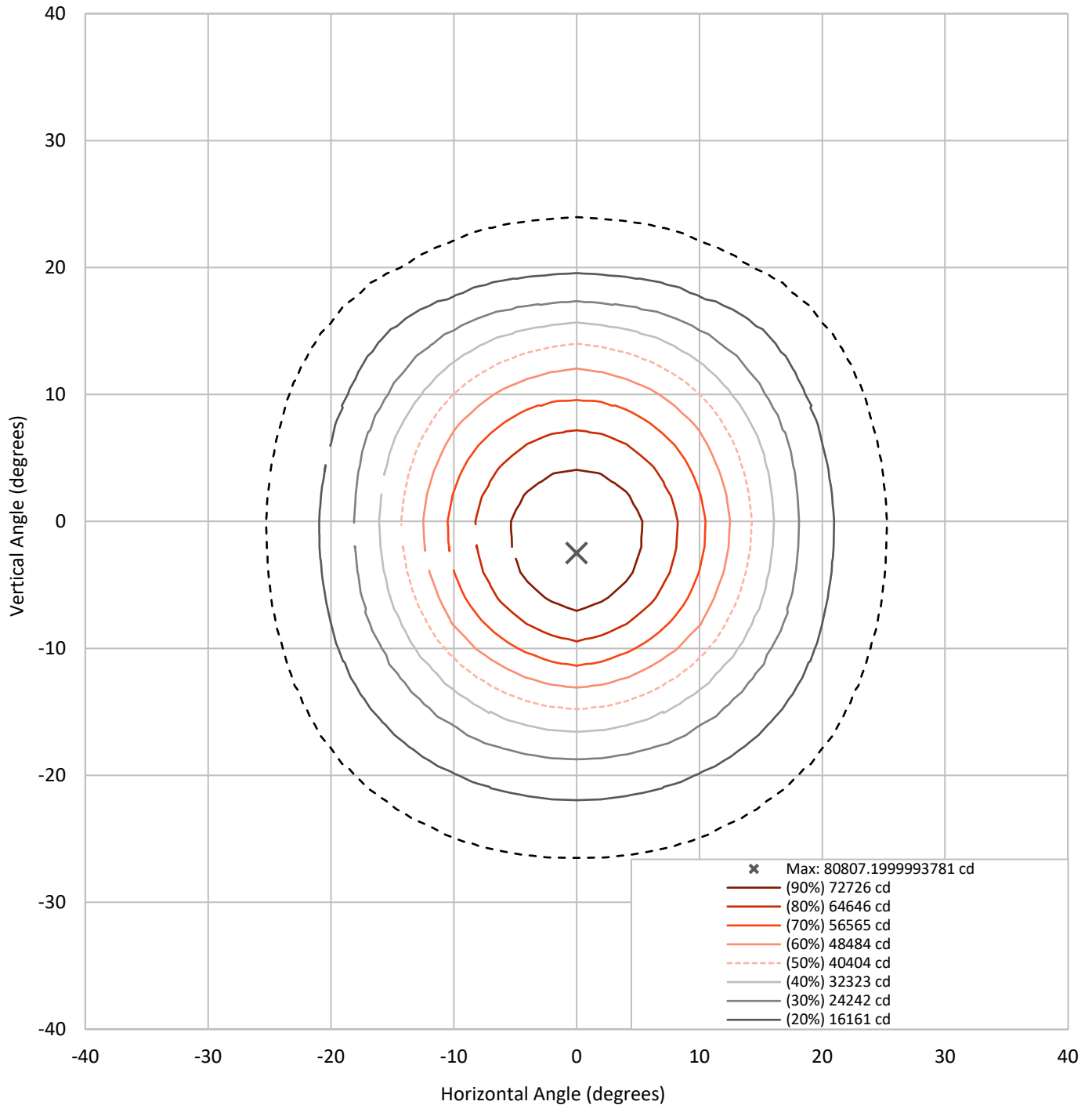
Input Watts (W): 158.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627574 (CONVERTED FROM TYPE C PHOTOMETRY)

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Iso-Candela Plot





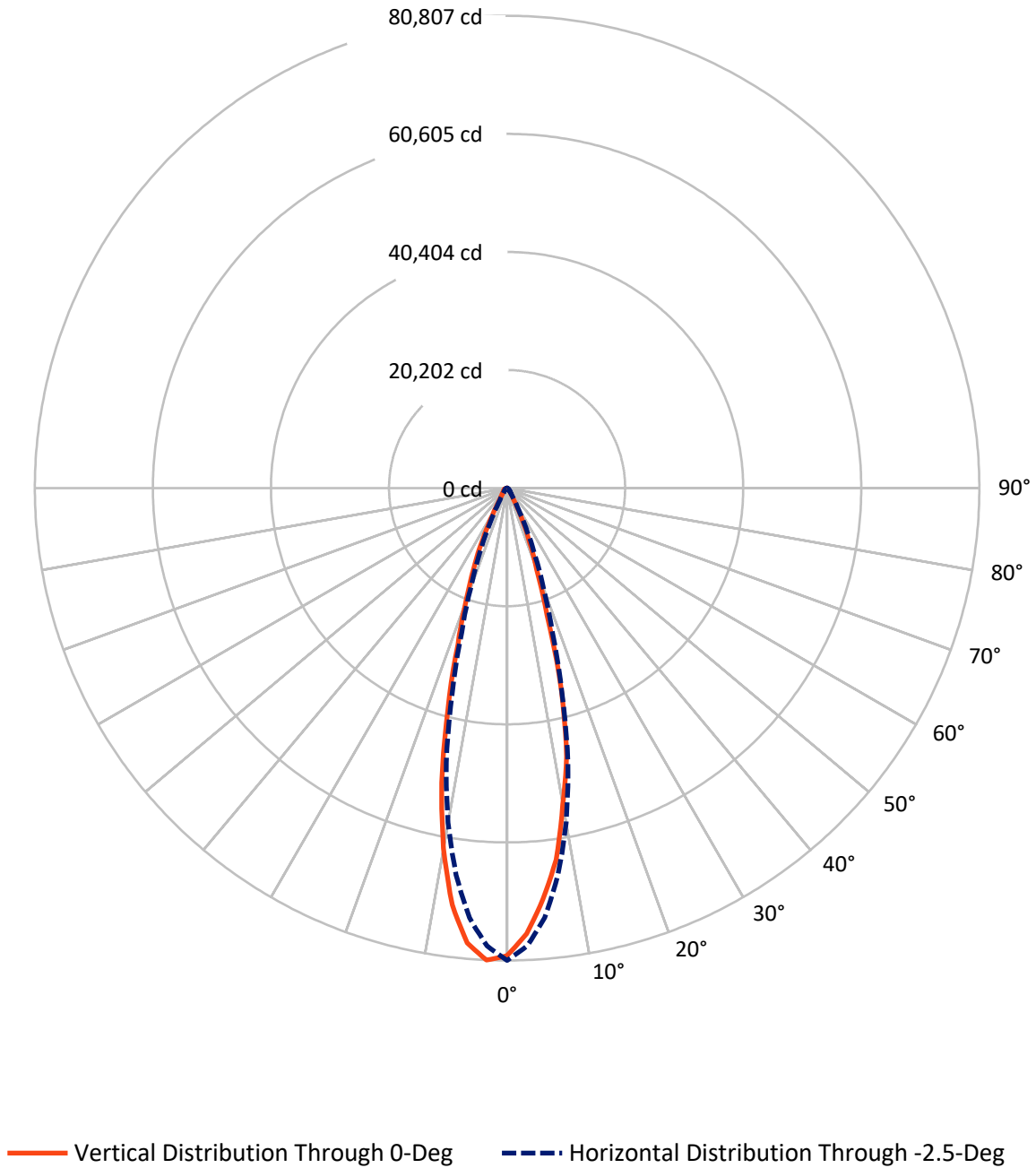
REPORT NUMBER: P627574 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0			
50		0.0	0.1	0.6	1.6	2.6	3.6	4.3	4.3	3.6	2.6	1.6	0.6	0.1	0.0				
40	0.1	0.1	0.8	2.5	4.8	7.4	10.4	12.2	12.2	10.4	7.4	4.8	2.5	0.8	0.1	0.1			
30		0.3	1.9	4.9	9.0	14.8	24.7	33.0	33.0	24.7	14.8	9.0	4.9	1.9	0.3				
20	0.2	0.7	3.1	7.5	14.2	34.6	108.8	199.5	199.5	108.8	34.6	14.2	7.5	3.1	0.7	0.2			
10		1.1	4.3	10.2	24.4	119.4	485.4	950.4	950.4	485.4	119.4	24.4	10.2	4.3	1.1				
0	0.3	1.4	5.2	12.1	35.0	227.5	980.0	1920.9	1920.9	980.0	227.5	35.0	12.1	5.2	1.4	0.3			
-10		1.7	5.6	12.8	37.4	238.3	1005.6	2036.9	2036.9	1005.6	238.3	37.4	12.8	5.6	1.7				
-20	0.4	1.8	5.7	12.5	30.7	146.4	556.1	1077.9	1077.9	556.1	146.4	30.7	12.5	5.7	1.8	0.4			
-30		1.7	5.5	11.4	22.5	56.8	172.2	307.3	307.3	172.2	56.8	22.5	11.4	5.5	1.7				
-40	0.4	1.5	4.9	9.9	17.1	28.0	45.8	61.3	61.3	45.8	28.0	17.1	9.9	4.9	1.5	0.4			
-50		1.3	4.0	8.2	13.5	19.3	25.5	28.5	28.5	25.5	19.3	13.5	8.2	4.0	1.3				
-60	0.3	0.9	3.0	6.4	10.5	14.7	18.3	20.0	20.0	18.3	14.7	10.5	6.4	3.0	0.9	0.3			
-70		0.6	1.9	4.2	7.0	10.0	12.5	13.9	13.9	12.5	10.0	7.0	4.2	1.9	0.6				
-80	0.1	1.5	6.8	14.6	18.5	14.6	6.8	1.5	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

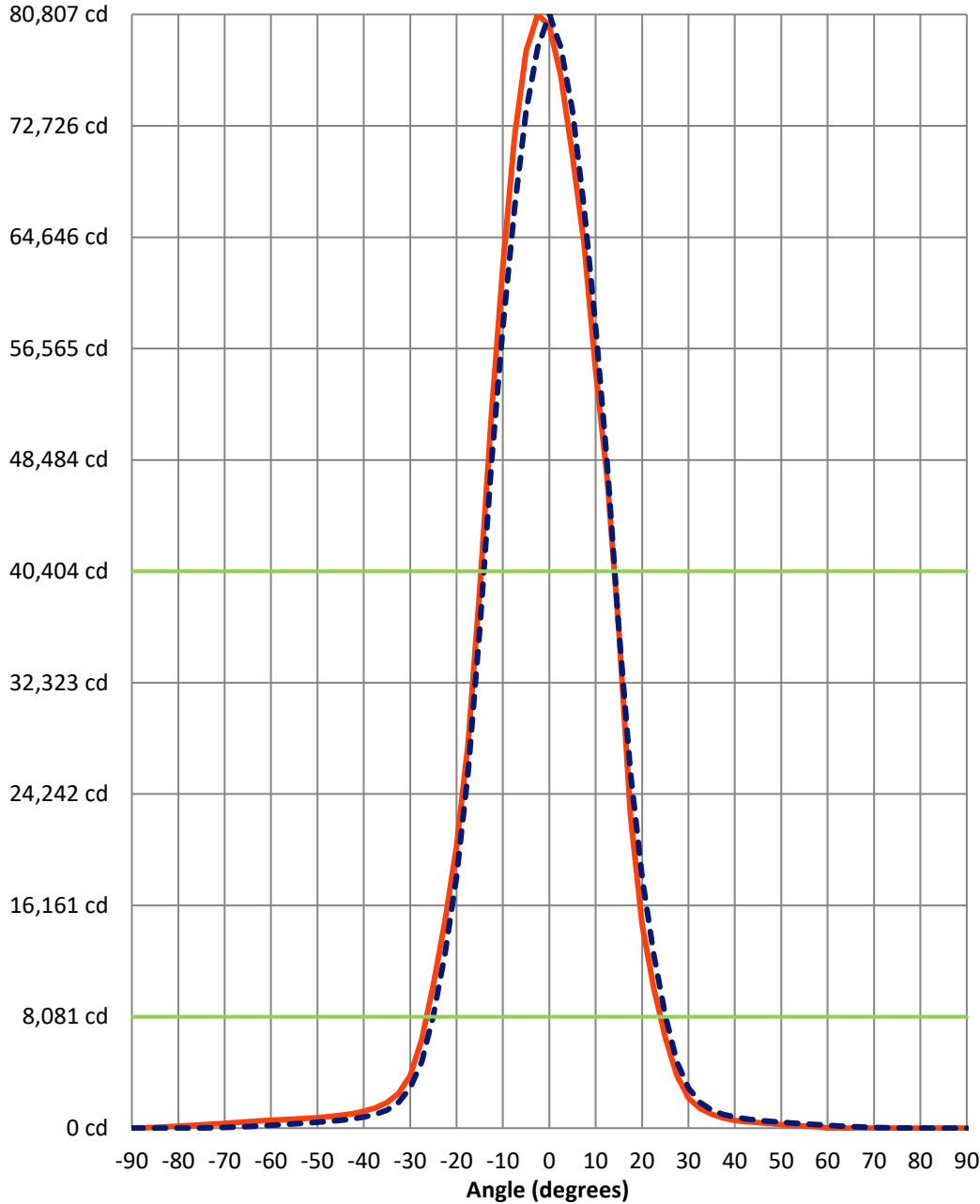
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 11459.6
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 19691.4
 Efficiency: 85.9%

Spill:
 Lumens: 3227.3
 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	1
60°	0	0	0	0	0	0	0	0	0	1	1
57.5°	0	0	0	0	0	0	0	0	1	2	2
55°	0	0	0	0	0	0	1	0	2	3	2
52.5°	0	0	0	0	0	0	1	1	4	3	2
50°	0	0	0	0	0	1	1	3	5	4	3
47.5°	0	0	0	0	0	1	2	4	5	4	4
45°	0	0	0	0	0	2	3	5	5	5	5
42.5°	0	0	0	0	0	2	3	5	5	5	8
40°	0	0	0	0	0	3	4	5	5	5	12
37.5°	0	0	0	0	1	4	5	5	6	7	17
35°	0	0	0	0	1	4	5	5	8	12	22
32.5°	0	0	0	0	2	4	5	5	9	17	28
30°	0	0	0	0	2	5	5	5	11	21	34
27.5°	0	0	0	0	3	5	5	7	14	26	41
25°	0	0	0	0	3	5	5	9	18	31	48
22.5°	0	0	0	0	4	5	5	11	22	36	57
20°	0	0	0	0	4	5	5	13	25	42	65
17.5°	0	0	0	0	4	5	5	15	28	48	73
15°	0	0	0	0	4	5	6	17	31	53	80
12.5°	0	0	0	0	5	5	7	20	34	59	87
10°	0	0	0	0	5	5	7	22	36	64	93
7.5°	0	0	0	0	5	5	8	25	39	69	99
5°	0	0	0	0	5	5	9	27	42	74	104
2.5°	0	0	0	0	5	5	9	29	44	78	108
0°	0	0	0	0	5	5	10	30	46	81	112
-2.5°	0	0	0	0	5	6	12	31	50	84	115
-5°	0	0	0	1	5	6	14	32	54	87	118
-7.5°	0	0	0	1	5	7	16	32	58	88	120
-10°	0	0	0	1	5	7	17	32	60	90	121
-12.5°	0	0	0	2	5	8	19	32	62	91	124
-15°	0	0	0	2	5	8	20	33	62	93	126
-17.5°	0	0	0	2	5	8	20	34	62	93	127
-20°	0	0	0	2	5	8	21	35	61	93	127

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CATALOG NUMBER: GFLD-SA5B-735-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	2	5	8	21	37	60	92	125
-25°	0	0	0	2	5	9	21	38	58	90	122
-27.5°	0	0	0	2	5	9	21	38	56	87	119
-30°	0	0	0	2	5	10	21	38	56	84	116
-32.5°	0	0	0	2	6	10	21	38	55	81	111
-35°	0	0	0	2	6	10	21	37	55	78	105
-37.5°	0	0	0	2	6	10	21	36	54	75	103
-40°	0	0	0	1	7	11	21	35	52	72	100
-42.5°	0	0	0	1	7	11	20	34	50	70	96
-45°	0	0	0	1	6	11	19	32	48	67	92
-47.5°	0	0	0	1	6	11	18	31	46	63	87
-50°	0	0	0	1	6	11	17	29	43	60	81
-52.5°	0	0	0	1	5	10	17	27	40	56	74
-55°	0	0	0	1	5	10	16	24	37	52	69
-57.5°	0	0	0	1	4	9	15	22	33	47	63
-60°	0	0	0	1	4	8	13	20	30	42	56
-62.5°	0	0	0	1	4	8	12	18	27	37	50
-65°	0	0	0	1	4	7	11	16	24	33	44
-67.5°	0	0	0	1	3	6	10	15	21	29	38
-70°	0	0	0	1	3	6	9	13	18	25	33
-72.5°	0	0	0	1	3	5	9	12	16	21	28
-75°	0	0	0	1	2	5	7	10	13	17	22
-77.5°	0	0	0	1	2	4	6	8	10	13	16
-80°	0	0	0	1	2	3	5	6	8	10	12
-82.5°	0	0	0	0	1	2	4	5	5	6	8
-85°	0	0	0	0	1	2	3	3	3	4	4
-87.5°	0	0	0	0	0	1	1	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA5B-735-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	1	1	0	1	2
60°	0	0	1	1	1	2	3	4	5	5	10
57.5°	1	1	2	3	4	6	8	10	16	23	28
55°	2	3	4	4	7	12	16	25	34	45	54
52.5°	3	5	5	8	15	22	32	45	58	68	77
50°	5	6	7	16	25	37	53	69	81	91	105
47.5°	7	8	15	26	39	57	77	91	103	121	142
45°	10	15	25	39	56	80	98	111	131	153	175
42.5°	13	23	36	51	78	101	118	138	159	183	207
40°	20	30	49	72	99	121	143	165	187	215	240
37.5°	26	42	62	91	119	144	169	194	221	250	279
35°	32	54	79	109	138	168	195	223	257	290	323
32.5°	41	66	94	126	157	190	220	257	292	328	368
30°	52	79	108	142	175	210	249	290	325	365	408
27.5°	64	90	123	158	192	230	277	318	356	399	447
25°	74	103	137	172	210	253	304	345	385	433	489
22.5°	85	115	152	185	227	277	328	375	421	468	533
20°	95	128	167	203	243	299	353	406	458	518	591
17.5°	104	141	181	221	266	322	378	436	495	568	660
15°	113	152	195	238	287	343	403	467	536	621	725
12.5°	122	162	208	254	305	363	425	492	571	673	803
10°	130	172	221	269	321	381	444	513	599	709	861
7.5°	137	181	233	282	335	397	461	532	622	739	907
5°	143	189	242	292	346	409	474	548	641	763	945
2.5°	148	197	249	299	354	417	482	558	654	785	973
0°	153	203	254	305	361	422	488	565	661	804	992
-2.5°	157	210	260	312	368	428	494	571	670	809	997
-5°	161	215	265	316	373	431	497	573	675	810	999
-7.5°	164	219	268	320	377	434	499	576	677	809	998
-10°	166	221	271	323	380	437	500	575	673	800	982
-12.5°	169	222	272	324	381	438	498	570	664	785	950
-15°	171	222	272	323	380	437	494	561	649	765	909
-17.5°	172	222	271	321	377	435	488	553	635	743	880
-20°	171	220	268	316	373	429	483	546	622	718	841

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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°	170	219	265	311	366	421	476	535	605	686	797
-25°	168	216	261	307	358	411	466	520	588	665	759
-27.5°	163	212	257	302	349	400	454	507	568	639	720
-30°	157	206	250	295	342	389	439	492	547	613	687
-32.5°	150	199	242	286	333	379	423	474	528	584	651
-35°	143	190	233	276	322	366	408	454	506	559	615
-37.5°	139	180	224	264	308	352	392	434	481	533	584
-40°	133	170	213	253	292	336	376	414	456	506	555
-42.5°	127	164	202	241	279	318	359	396	435	481	528
-45°	122	156	191	229	266	302	340	378	417	457	501
-47.5°	115	147	182	215	252	288	321	358	397	436	474
-50°	108	139	170	201	235	272	306	338	373	412	449
-52.5°	99	128	157	186	218	252	287	320	351	384	420
-55°	89	117	144	171	199	231	264	297	330	360	391
-57.5°	81	103	130	156	182	209	241	272	303	334	365
-60°	73	92	114	140	165	190	217	246	276	305	333
-62.5°	64	81	100	122	146	171	195	221	248	272	297
-65°	57	70	86	105	125	147	170	195	219	239	259
-67.5°	48	60	74	89	106	124	143	164	186	205	223
-70°	42	50	61	74	88	103	119	136	153	170	187
-72.5°	35	42	50	59	71	84	98	111	125	140	154
-75°	28	34	41	48	57	67	78	91	102	113	125
-77.5°	22	27	32	38	44	52	61	70	80	89	99
-80°	16	20	25	29	34	39	45	51	58	65	72
-82.5°	11	14	17	21	24	27	30	33	38	44	49
-85°	6	8	10	12	14	15	17	19	22	25	28
-87.5°	3	4	5	6	6	7	7	7	8	10	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	1	1	1	0	0	0
62.5°	1	2	4	5	6	6	7	7	7	7	7
60°	13	13	19	23	23	18	25	29	27	24	23
57.5°	36	44	51	53	60	71	74	73	74	77	87
55°	62	69	74	85	95	105	112	118	124	130	138
52.5°	85	97	105	116	129	137	141	156	168	177	183
50°	121	133	147	161	174	186	196	211	227	245	255
47.5°	159	174	192	212	227	239	252	271	294	315	328
45°	194	212	234	254	270	287	307	330	354	374	390
42.5°	226	246	269	292	307	332	360	384	413	439	459
40°	262	282	316	339	359	386	426	462	496	529	549
37.5°	306	340	376	404	431	465	521	575	619	662	693
35°	358	399	443	475	515	578	647	723	799	859	914
32.5°	408	453	498	548	610	698	786	907	1019	1134	1242
30°	453	503	558	622	722	846	988	1173	1374	1575	1804
27.5°	500	556	621	723	874	1042	1305	1597	2013	2348	2888
25°	551	614	703	866	1075	1370	1828	2349	3211	3947	4777
22.5°	614	709	836	1040	1389	1920	2633	3768	5091	6320	7492
20°	690	820	1037	1361	1861	2679	4030	5752	7592	9390	11129
17.5°	791	998	1307	1768	2478	4197	6207	8668	11819	14185	16429
15°	884	1145	1613	2359	3694	5907	8716	12485	16726	20292	24326
12.5°	993	1308	1872	2840	4749	7674	11255	15749	20769	26182	32501
10°	1088	1476	2202	3533	5849	9253	13266	18542	24989	32648	40635
7.5°	1161	1616	2477	4053	6776	10549	15336	21752	29918	38870	47977
5°	1218	1724	2693	4461	7564	11600	16846	24292	33599	43874	52931
2.5°	1263	1800	2836	4712	8097	12319	17879	25642	35852	47142	56651
0°	1297	1847	2915	4889	8344	12659	18357	26188	36908	48743	58522
-2.5°	1309	1871	2919	4828	8194	12638	18246	25853	36180	48107	58125
-5°	1314	1859	2846	4700	7927	12185	17515	24583	33956	45143	55295
-7.5°	1304	1809	2696	4385	7327	11385	16495	22699	30381	40245	50738
-10°	1269	1722	2494	3957	6502	10136	14907	20148	26286	34338	42841
-12.5°	1205	1593	2215	3318	5531	8722	12947	17581	22364	27656	34650
-15°	1129	1460	1988	2930	4631	7237	10659	14572	18542	22594	26861
-17.5°	1072	1344	1754	2412	3555	5663	8399	11544	14765	17983	20856
-20°	998	1206	1527	2038	2868	4116	6174	8621	11027	13651	15853

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627574 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°	933	1110	1349	1672	2230	3108	4281	6004	7833	9738	11546
-25°	871	1005	1195	1454	1787	2310	3084	3985	5268	6441	7783
-27.5°	819	931	1060	1252	1504	1791	2266	2792	3465	4023	4920
-30°	769	858	965	1088	1273	1491	1746	2065	2394	2725	3154
-32.5°	722	797	880	980	1095	1258	1417	1621	1801	2000	2204
-35°	676	742	811	890	978	1086	1205	1340	1460	1580	1687
-37.5°	636	692	752	814	885	960	1053	1149	1229	1307	1374
-40°	603	649	699	751	808	868	941	1011	1065	1116	1158
-42.5°	572	613	652	696	743	799	855	909	946	981	1009
-45°	543	579	614	650	689	737	786	828	857	883	904
-47.5°	512	544	577	610	647	685	724	755	781	804	819
-50°	482	513	543	570	603	637	671	698	721	740	751
-52.5°	452	482	512	540	567	594	620	646	669	689	697
-55°	423	453	479	506	532	557	581	603	624	643	650
-57.5°	395	425	453	475	497	520	543	564	584	602	608
-60°	363	393	418	439	460	482	501	521	541	558	565
-62.5°	324	352	374	394	414	433	451	469	487	501	509
-65°	279	303	325	345	362	379	396	412	427	438	445
-67.5°	240	257	276	294	312	328	343	358	371	380	386
-70°	203	218	235	251	267	281	295	307	319	328	334
-72.5°	168	182	197	211	225	238	249	260	271	278	284
-75°	136	148	161	173	185	196	205	214	222	229	234
-77.5°	108	117	126	136	145	153	161	168	175	180	184
-80°	80	88	95	101	108	114	119	125	131	135	140
-82.5°	54	60	65	71	76	80	82	85	88	91	95
-85°	31	35	38	42	45	47	49	52	54	56	57
-87.5°	13	14	15	17	18	19	19	19	20	21	23
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627574 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-735-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°	6	5	5	5	5	5	6	7	7	7	7
60°	22	20	20	20	20	20	22	23	24	27	29
57.5°	95	102	106	107	106	102	95	87	77	74	73
55°	144	149	150	148	150	149	144	138	130	124	118
52.5°	186	187	186	183	186	187	186	183	177	168	156
50°	259	258	258	260	258	258	259	255	245	227	211
47.5°	333	336	338	336	338	336	333	328	315	294	271
45°	397	402	404	402	404	402	397	390	374	354	330
42.5°	467	470	472	473	472	470	467	459	439	413	384
40°	559	562	561	560	561	562	559	549	529	496	462
37.5°	714	725	730	743	730	725	714	693	662	619	575
35°	956	982	996	1018	996	982	956	914	859	799	723
32.5°	1320	1373	1401	1430	1401	1373	1320	1242	1134	1019	907
30°	1962	2067	2110	2188	2110	2067	1962	1804	1575	1374	1173
27.5°	3285	3534	3632	3836	3632	3534	3285	2888	2348	2013	1597
25°	5533	6069	6365	6599	6365	6069	5533	4777	3947	3211	2349
22.5°	8675	9461	9881	10191	9881	9461	8675	7492	6320	5091	3768
20°	12705	13743	14362	14811	14362	13743	12705	11129	9390	7592	5752
17.5°	19309	20940	21893	22713	21893	20940	19309	16429	14185	11819	8668
15°	28827	32104	34650	36069	34650	32104	28827	24326	20292	16726	12485
12.5°	38086	42885	45737	47049	45737	42885	38086	32501	26182	20769	15749
10°	47243	51768	54481	54960	54481	51768	47243	40635	32648	24989	18542
7.5°	54253	59229	62834	64144	62834	59229	54253	47977	38870	29918	21752
5°	60444	66272	70087	70570	70087	66272	60444	52931	43874	33599	24292
2.5°	64999	71334	75033	76304	75033	71334	64999	56651	47142	35852	25642
0°	67202	74025	78141	79993	78141	74025	67202	58522	48743	36908	26188
-2.5°	66738	73795	78390	80807	78390	73795	66738	58125	48107	36180	25853
-5°	64201	71278	75562	78131	75562	71278	64201	55295	45143	33956	24583
-7.5°	58349	64968	69528	71898	69528	64968	58349	50738	40245	30381	22699
-10°	50809	56410	60567	62587	60567	56410	50809	42841	34338	26286	20148
-12.5°	41010	46444	50194	51623	50194	46444	41010	34650	27656	22364	17581
-15°	31421	35568	38232	39076	38232	35568	31421	26861	22594	18542	14572
-17.5°	23829	26061	27560	27964	27560	26061	23829	20856	17983	14765	11544
-20°	17852	19236	20208	20438	20208	19236	17852	15853	13651	11027	8621

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REPORT NUMBER: P627574 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°	13007	14047	14833	14989	14833	14047	13007	11546	9738	7833	6004
-25°	8972	9842	10375	10415	10375	9842	8972	7783	6441	5268	3985
-27.5°	5625	6103	6349	6436	6349	6103	5625	4920	4023	3465	2792
-30°	3476	3696	3812	3816	3812	3696	3476	3154	2725	2394	2065
-32.5°	2360	2466	2524	2524	2524	2466	2360	2204	2000	1801	1621
-35°	1768	1823	1854	1857	1854	1823	1768	1687	1580	1460	1340
-37.5°	1421	1452	1468	1470	1468	1452	1421	1374	1307	1229	1149
-40°	1189	1210	1223	1231	1223	1210	1189	1158	1116	1065	1011
-42.5°	1028	1042	1048	1043	1048	1042	1028	1009	981	946	909
-45°	916	924	929	931	929	924	916	904	883	857	828
-47.5°	826	830	833	834	833	830	826	819	804	781	755
-50°	756	760	760	758	760	760	756	751	740	721	698
-52.5°	699	700	701	702	701	700	699	697	689	669	646
-55°	653	655	656	656	656	655	653	650	643	624	603
-57.5°	614	618	618	616	618	618	614	608	602	584	564
-60°	572	577	579	580	579	577	572	565	558	541	521
-62.5°	516	521	523	524	523	521	516	509	501	487	469
-65°	451	455	462	468	462	455	451	445	438	427	412
-67.5°	391	395	401	407	401	395	391	386	380	371	358
-70°	339	344	346	346	346	344	339	334	328	319	307
-72.5°	289	293	295	295	295	293	289	284	278	271	260
-75°	239	243	244	244	244	243	239	234	229	222	214
-77.5°	189	192	193	193	193	192	189	184	180	175	168
-80°	143	147	145	143	145	147	143	140	135	131	125
-82.5°	98	101	99	97	99	101	98	95	91	88	85
-85°	59	61	58	56	58	61	59	57	56	54	52
-87.5°	24	25	23	20	23	25	24	23	21	20	19
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627574 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-735-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°	7	6	6	5	4	2	1	2	1	0	1
60°	25	18	23	23	19	13	13	10	5	5	4
57.5°	74	71	60	53	51	44	36	28	23	16	10
55°	112	105	95	85	74	69	62	54	45	34	25
52.5°	141	137	129	116	105	97	85	77	68	58	45
50°	196	186	174	161	147	133	121	105	91	81	69
47.5°	252	239	227	212	192	174	159	142	121	103	91
45°	307	287	270	254	234	212	194	175	153	131	111
42.5°	360	332	307	292	269	246	226	207	183	159	138
40°	426	386	359	339	316	282	262	240	215	187	165
37.5°	521	465	431	404	376	340	306	279	250	221	194
35°	647	578	515	475	443	399	358	323	290	257	223
32.5°	786	698	610	548	498	453	408	368	328	292	257
30°	988	846	722	622	558	503	453	408	365	325	290
27.5°	1305	1042	874	723	621	556	500	447	399	356	318
25°	1828	1370	1075	866	703	614	551	489	433	385	345
22.5°	2633	1920	1389	1040	836	709	614	533	468	421	375
20°	4030	2679	1861	1361	1037	820	690	591	518	458	406
17.5°	6207	4197	2478	1768	1307	998	791	660	568	495	436
15°	8716	5907	3694	2359	1613	1145	884	725	621	536	467
12.5°	11255	7674	4749	2840	1872	1308	993	803	673	571	492
10°	13266	9253	5849	3533	2202	1476	1088	861	709	599	513
7.5°	15336	10549	6776	4053	2477	1616	1161	907	739	622	532
5°	16846	11600	7564	4461	2693	1724	1218	945	763	641	548
2.5°	17879	12319	8097	4712	2836	1800	1263	973	785	654	558
0°	18357	12659	8344	4889	2915	1847	1297	992	804	661	565
-2.5°	18246	12638	8194	4828	2919	1871	1309	997	809	670	571
-5°	17515	12185	7927	4700	2846	1859	1314	999	810	675	573
-7.5°	16495	11385	7327	4385	2696	1809	1304	998	809	677	576
-10°	14907	10136	6502	3957	2494	1722	1269	982	800	673	575
-12.5°	12947	8722	5531	3318	2215	1593	1205	950	785	664	570
-15°	10659	7237	4631	2930	1988	1460	1129	909	765	649	561
-17.5°	8399	5663	3555	2412	1754	1344	1072	880	743	635	553
-20°	6174	4116	2868	2038	1527	1206	998	841	718	622	546

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CATALOG NUMBER: GFLD-SA5B-735-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°	4281	3108	2230	1672	1349	1110	933	797	686	605	535
-25°	3084	2310	1787	1454	1195	1005	871	759	665	588	520
-27.5°	2266	1791	1504	1252	1060	931	819	720	639	568	507
-30°	1746	1491	1273	1088	965	858	769	687	613	547	492
-32.5°	1417	1258	1095	980	880	797	722	651	584	528	474
-35°	1205	1086	978	890	811	742	676	615	559	506	454
-37.5°	1053	960	885	814	752	692	636	584	533	481	434
-40°	941	868	808	751	699	649	603	555	506	456	414
-42.5°	855	799	743	696	652	613	572	528	481	435	396
-45°	786	737	689	650	614	579	543	501	457	417	378
-47.5°	724	685	647	610	577	544	512	474	436	397	358
-50°	671	637	603	570	543	513	482	449	412	373	338
-52.5°	620	594	567	540	512	482	452	420	384	351	320
-55°	581	557	532	506	479	453	423	391	360	330	297
-57.5°	543	520	497	475	453	425	395	365	334	303	272
-60°	501	482	460	439	418	393	363	333	305	276	246
-62.5°	451	433	414	394	374	352	324	297	272	248	221
-65°	396	379	362	345	325	303	279	259	239	219	195
-67.5°	343	328	312	294	276	257	240	223	205	186	164
-70°	295	281	267	251	235	218	203	187	170	153	136
-72.5°	249	238	225	211	197	182	168	154	140	125	111
-75°	205	196	185	173	161	148	136	125	113	102	91
-77.5°	161	153	145	136	126	117	108	99	89	80	70
-80°	119	114	108	101	95	88	80	72	65	58	51
-82.5°	82	80	76	71	65	60	54	49	44	38	33
-85°	49	47	45	42	38	35	31	28	25	22	19
-87.5°	19	19	18	17	15	14	13	11	10	8	7
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627574 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°	1	0	0	0	0	0	0	1	0	0	0
60°	3	2	1	1	1	0	0	1	1	0	0
57.5°	8	6	4	3	2	1	1	2	2	1	0
55°	16	12	7	4	4	3	2	2	3	2	0
52.5°	32	22	15	8	5	5	3	2	3	4	1
50°	53	37	25	16	7	6	5	3	4	5	3
47.5°	77	57	39	26	15	8	7	4	4	5	4
45°	98	80	56	39	25	15	10	5	5	5	5
42.5°	118	101	78	51	36	23	13	8	5	5	5
40°	143	121	99	72	49	30	20	12	5	5	5
37.5°	169	144	119	91	62	42	26	17	7	6	5
35°	195	168	138	109	79	54	32	22	12	8	5
32.5°	220	190	157	126	94	66	41	28	17	9	5
30°	249	210	175	142	108	79	52	34	21	11	5
27.5°	277	230	192	158	123	90	64	41	26	14	7
25°	304	253	210	172	137	103	74	48	31	18	9
22.5°	328	277	227	185	152	115	85	57	36	22	11
20°	353	299	243	203	167	128	95	65	42	25	13
17.5°	378	322	266	221	181	141	104	73	48	28	15
15°	403	343	287	238	195	152	113	80	53	31	17
12.5°	425	363	305	254	208	162	122	87	59	34	20
10°	444	381	321	269	221	172	130	93	64	36	22
7.5°	461	397	335	282	233	181	137	99	69	39	25
5°	474	409	346	292	242	189	143	104	74	42	27
2.5°	482	417	354	299	249	197	148	108	78	44	29
0°	488	422	361	305	254	203	153	112	81	46	30
-2.5°	494	428	368	312	260	210	157	115	84	50	31
-5°	497	431	373	316	265	215	161	118	87	54	32
-7.5°	499	434	377	320	268	219	164	120	88	58	32
-10°	500	437	380	323	271	221	166	121	90	60	32
-12.5°	498	438	381	324	272	222	169	124	91	62	32
-15°	494	437	380	323	272	222	171	126	93	62	33
-17.5°	488	435	377	321	271	222	172	127	93	62	34
-20°	483	429	373	316	268	220	171	127	93	61	35

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REPORT NUMBER: P627574 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°	476	421	366	311	265	219	170	125	92	60	37
-25°	466	411	358	307	261	216	168	122	90	58	38
-27.5°	454	400	349	302	257	212	163	119	87	56	38
-30°	439	389	342	295	250	206	157	116	84	56	38
-32.5°	423	379	333	286	242	199	150	111	81	55	38
-35°	408	366	322	276	233	190	143	105	78	55	37
-37.5°	392	352	308	264	224	180	139	103	75	54	36
-40°	376	336	292	253	213	170	133	100	72	52	35
-42.5°	359	318	279	241	202	164	127	96	70	50	34
-45°	340	302	266	229	191	156	122	92	67	48	32
-47.5°	321	288	252	215	182	147	115	87	63	46	31
-50°	306	272	235	201	170	139	108	81	60	43	29
-52.5°	287	252	218	186	157	128	99	74	56	40	27
-55°	264	231	199	171	144	117	89	69	52	37	24
-57.5°	241	209	182	156	130	103	81	63	47	33	22
-60°	217	190	165	140	114	92	73	56	42	30	20
-62.5°	195	171	146	122	100	81	64	50	37	27	18
-65°	170	147	125	105	86	70	57	44	33	24	16
-67.5°	143	124	106	89	74	60	48	38	29	21	15
-70°	119	103	88	74	61	50	42	33	25	18	13
-72.5°	98	84	71	59	50	42	35	28	21	16	12
-75°	78	67	57	48	41	34	28	22	17	13	10
-77.5°	61	52	44	38	32	27	22	16	13	10	8
-80°	45	39	34	29	25	20	16	12	10	8	6
-82.5°	30	27	24	21	17	14	11	8	6	5	5
-85°	17	15	14	12	10	8	6	4	4	3	3
-87.5°	7	7	6	6	5	4	3	2	2	2	2
-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: P627574 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-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°	1	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	1	1	0	0	0	0	0
47.5°	2	1	0	0	0	0	0
45°	3	2	0	0	0	0	0
42.5°	3	2	0	0	0	0	0
40°	4	3	0	0	0	0	0
37.5°	5	4	1	0	0	0	0
35°	5	4	1	0	0	0	0
32.5°	5	4	2	0	0	0	0
30°	5	5	2	0	0	0	0
27.5°	5	5	3	0	0	0	0
25°	5	5	3	0	0	0	0
22.5°	5	5	4	0	0	0	0
20°	5	5	4	0	0	0	0
17.5°	5	5	4	0	0	0	0
15°	6	5	4	0	0	0	0
12.5°	7	5	5	0	0	0	0
10°	7	5	5	0	0	0	0
7.5°	8	5	5	0	0	0	0
5°	9	5	5	0	0	0	0
2.5°	9	5	5	0	0	0	0
0°	10	5	5	0	0	0	0
-2.5°	12	6	5	0	0	0	0
-5°	14	6	5	1	0	0	0
-7.5°	16	7	5	1	0	0	0
-10°	17	7	5	1	0	0	0
-12.5°	19	8	5	2	0	0	0
-15°	20	8	5	2	0	0	0
-17.5°	20	8	5	2	0	0	0
-20°	21	8	5	2	0	0	0

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Scaled Data Report



REPORT NUMBER: P627574 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21	8	5	2	0	0	0
-25°	21	9	5	2	0	0	0
-27.5°	21	9	5	2	0	0	0
-30°	21	10	5	2	0	0	0
-32.5°	21	10	6	2	0	0	0
-35°	21	10	6	2	0	0	0
-37.5°	21	10	6	2	0	0	0
-40°	21	11	7	1	0	0	0
-42.5°	20	11	7	1	0	0	0
-45°	19	11	6	1	0	0	0
-47.5°	18	11	6	1	0	0	0
-50°	17	11	6	1	0	0	0
-52.5°	17	10	5	1	0	0	0
-55°	16	10	5	1	0	0	0
-57.5°	15	9	4	1	0	0	0
-60°	13	8	4	1	0	0	0
-62.5°	12	8	4	1	0	0	0
-65°	11	7	4	1	0	0	0
-67.5°	10	6	3	1	0	0	0
-70°	9	6	3	1	0	0	0
-72.5°	9	5	3	1	0	0	0
-75°	7	5	2	1	0	0	0
-77.5°	6	4	2	1	0	0	0
-80°	5	3	2	1	0	0	0
-82.5°	4	2	1	0	0	0	0
-85°	3	2	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)