

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: P627564 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627564 (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-730-U-MR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (80) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

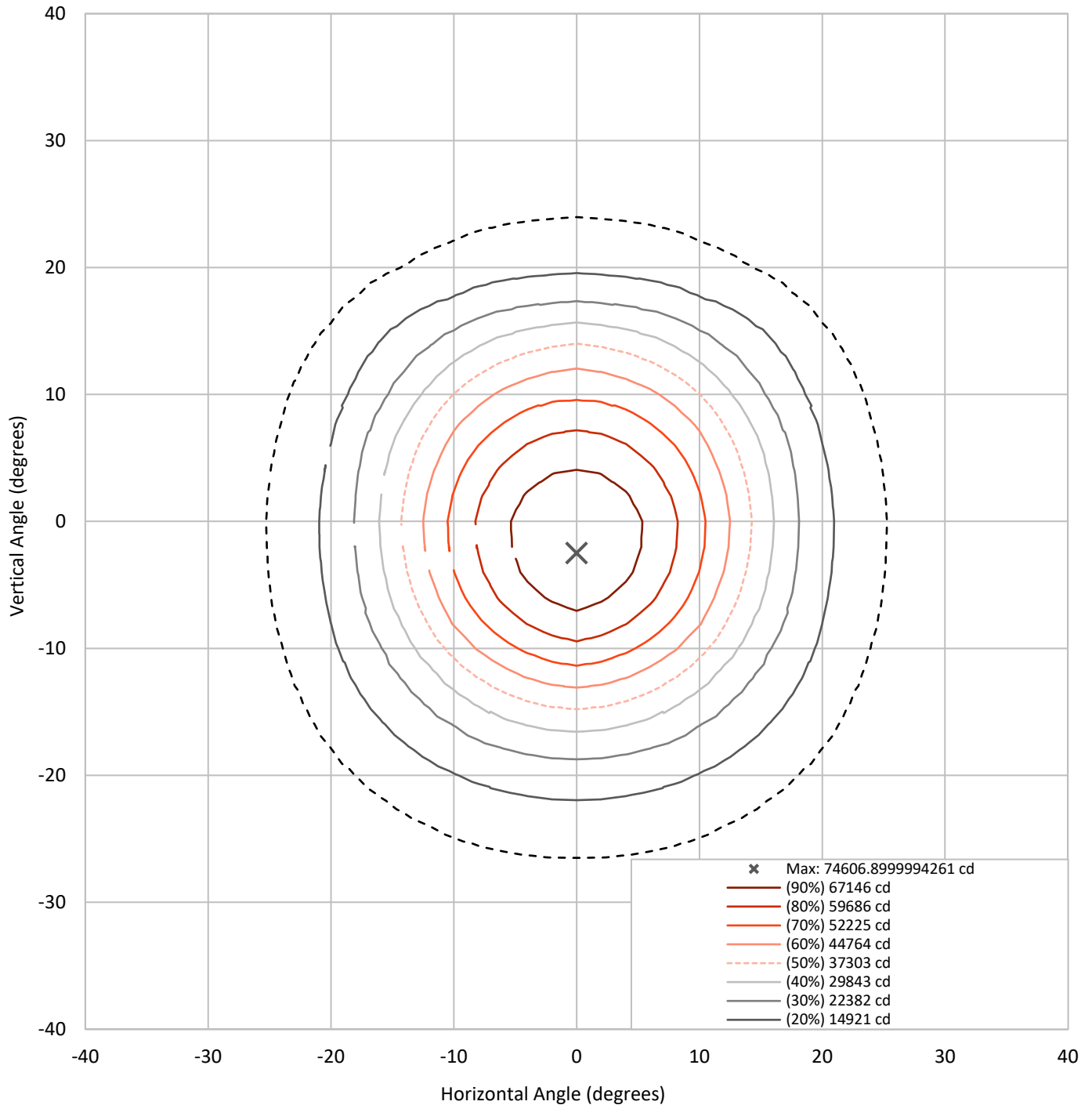
Lumens per Lamp: N/A
Luminaire Lumens: 21160.2 lumens
Efficiency: N/A
Efficacy: 133.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
NEMA Type: 4H x 4V
Max Intensity: 74606.9 candela
Max Intensity Angle: 0°H x -2.5°V
Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 10580.3 lumens
Beam Efficiency: 50.0%
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 18180.5 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: P627564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-730-U-MR-VSR-XX

Iso-Candela Plot





REPORT NUMBER: P627564 (CONVERTED FROM TYPE C PHOTOMETRY)

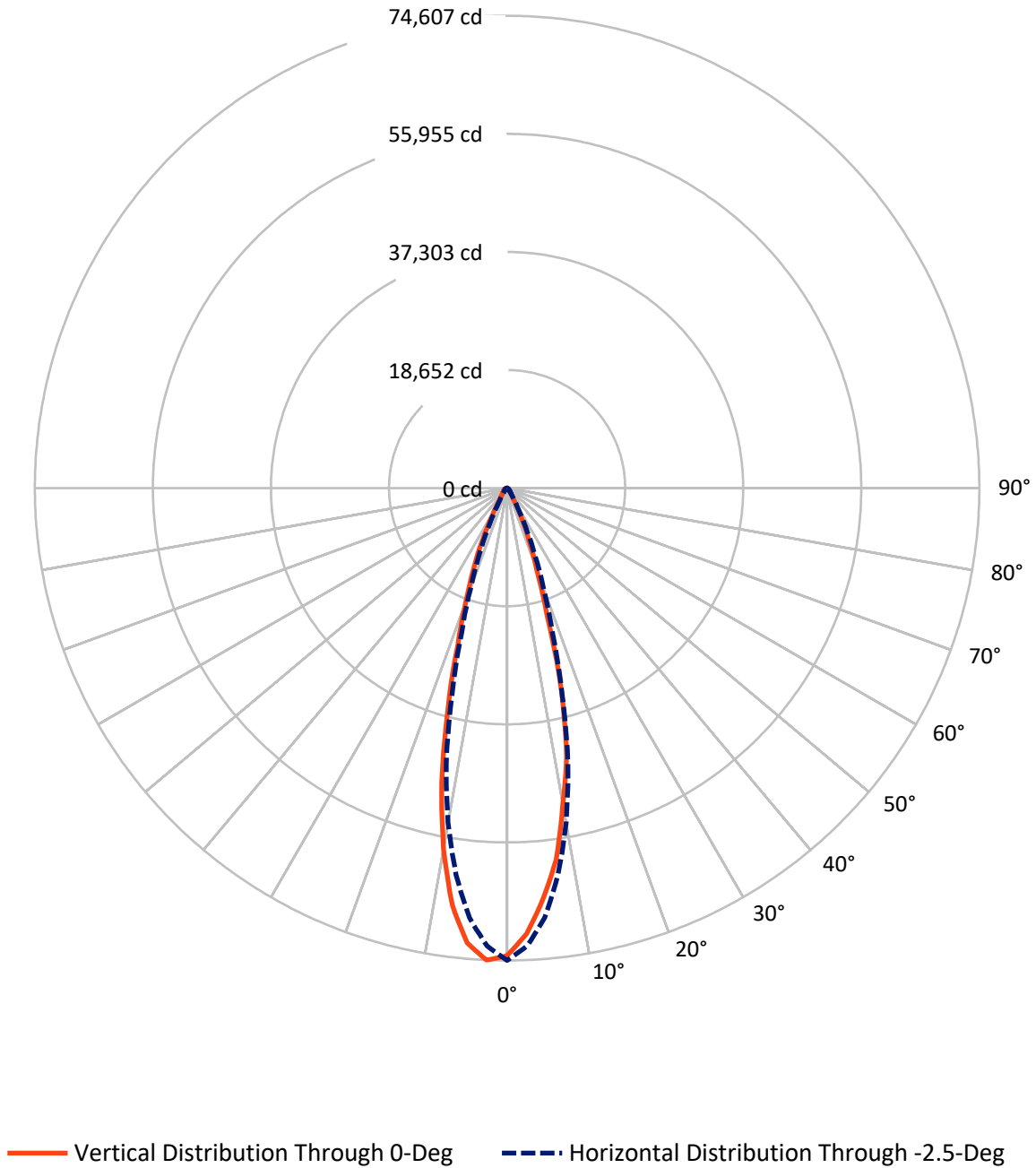
CATALOG NUMBER: GFLD-SA5B-730-U-MR-VSR-XX

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	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60		0.0	0.1	0.6	1.4	2.4	3.3	4.0	4.0	3.3	2.4	1.4	0.6	0.1			
50	0.1	0.1	0.7	2.3	4.4	6.9	9.6	11.3	11.3	9.6	6.9	4.4	2.3	0.7	0.1	0.1	0.1
40		0.3	1.8	4.5	8.3	13.7	22.8	30.4	30.4	22.8	13.7	8.3	4.5	1.8			
30	0.2	0.7	2.9	6.9	13.1	32.0	100.4	184.2	184.2	100.4	32.0	13.1	6.9	2.9	0.2	0.2	0.2
20		1.0	3.9	9.4	22.5	110.2	448.1	877.4	877.4	448.1	110.2	22.5	9.4	3.9			
10	0.3	1.3	4.8	11.2	32.3	210.1	904.8	1773.5	1773.5	904.8	210.1	32.3	11.2	4.8	0.3	0.3	0.3
0		1.5	5.2	11.8	34.5	220.1	928.4	1880.6	1880.6	928.4	220.1	34.5	11.8	5.2			
-10	0.4	1.6	5.3	11.5	28.4	135.1	513.4	995.2	995.2	513.4	135.1	28.4	11.5	5.3	0.4	0.4	0.4
-20		1.6	5.0	10.5	20.8	52.5	159.0	283.7	283.7	159.0	52.5	20.8	10.5	5.0			
-30	0.4	1.4	4.5	9.1	15.8	25.9	42.3	56.6	56.6	42.3	25.9	15.8	9.1	4.5	0.4	0.4	0.4
-40		1.2	3.7	7.6	12.5	17.8	23.5	26.4	26.4	23.5	17.8	12.5	7.6	3.7			
-50	0.2	0.9	2.8	5.9	9.7	13.6	16.9	18.4	18.4	16.9	13.6	9.7	5.9	2.8	0.2	0.2	0.2
-60		0.6	1.7	3.9	6.5	9.2	11.6	12.8	12.8	11.6	9.2	6.5	3.9	1.7			
-70	0.1	0.9	2.8	5.9	9.7	13.6	16.9	18.4	18.4	16.9	13.6	9.7	5.9	2.8	0.1	0.1	0.1
-80		0.6	1.7	3.9	6.5	9.2	11.6	12.8	12.8	11.6	9.2	6.5	3.9	1.7			
-90	0.1	1.4	6.3	13.5	17.1	13.5	6.3	1.4	0.1								

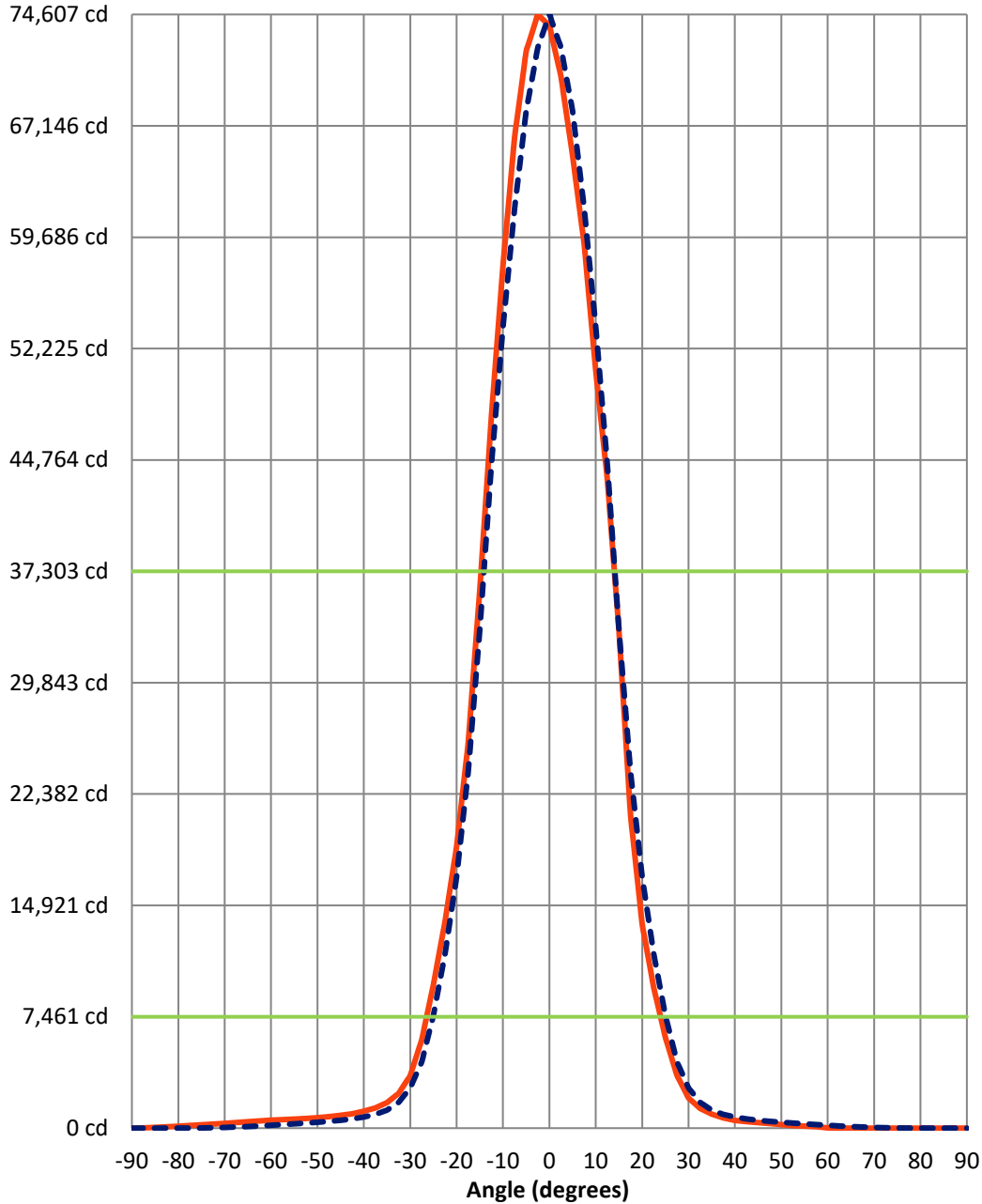
REPORT NUMBER: P627564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-730-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 10580.3
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 18180.5
 Efficiency: 85.9%

Spill:
 Lumens: 2979.7
 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	3	3	2
50°	0	0	0	0	0	1	1	3	4	3	3
47.5°	0	0	0	0	0	1	2	4	5	4	4
45°	0	0	0	0	0	1	3	4	5	4	5
42.5°	0	0	0	0	0	2	3	5	5	5	7
40°	0	0	0	0	0	3	4	5	5	5	11
37.5°	0	0	0	0	1	3	4	5	6	7	15
35°	0	0	0	0	1	4	5	5	7	11	20
32.5°	0	0	0	0	2	4	5	5	9	16	26
30°	0	0	0	0	2	4	5	5	11	20	31
27.5°	0	0	0	0	3	4	5	6	13	24	37
25°	0	0	0	0	3	5	5	8	17	28	44
22.5°	0	0	0	0	3	5	5	10	20	34	53
20°	0	0	0	0	4	5	5	12	23	39	60
17.5°	0	0	0	0	4	5	5	14	26	44	68
15°	0	0	0	0	4	5	5	16	28	49	74
12.5°	0	0	0	0	4	5	6	18	31	54	80
10°	0	0	0	0	4	5	7	21	34	59	86
7.5°	0	0	0	0	5	5	7	23	36	64	91
5°	0	0	0	0	5	5	8	25	38	68	96
2.5°	0	0	0	0	5	5	9	27	40	72	100
0°	0	0	0	0	5	5	9	28	42	75	103
-2.5°	0	0	0	0	5	5	11	29	46	78	106
-5°	0	0	0	1	5	6	13	29	50	80	109
-7.5°	0	0	0	1	5	6	15	30	53	82	111
-10°	0	0	0	1	5	7	16	30	56	83	112
-12.5°	0	0	0	1	4	7	17	30	57	84	114
-15°	0	0	0	2	4	7	18	30	58	86	117
-17.5°	0	0	0	2	4	7	19	31	57	86	118
-20°	0	0	0	2	4	8	19	33	56	86	117

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REPORT NUMBER: P627564 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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	2	4	7	19	34	55	85	116
-25°	0	0	0	2	4	8	20	35	54	83	113
-27.5°	0	0	0	2	5	9	20	35	52	81	110
-30°	0	0	0	2	5	9	19	35	51	78	107
-32.5°	0	0	0	2	5	9	19	35	51	75	103
-35°	0	0	0	2	6	10	19	34	51	72	97
-37.5°	0	0	0	2	6	10	19	33	50	69	95
-40°	0	0	0	1	6	10	19	32	48	67	92
-42.5°	0	0	0	1	6	10	18	31	46	65	89
-45°	0	0	0	1	6	10	18	30	44	62	85
-47.5°	0	0	0	1	6	10	17	28	43	58	80
-50°	0	0	0	1	5	10	16	27	40	55	75
-52.5°	0	0	0	1	5	10	15	25	37	52	68
-55°	0	0	0	1	4	9	15	22	34	48	63
-57.5°	0	0	0	1	4	8	13	21	31	44	58
-60°	0	0	0	1	3	8	12	19	28	39	52
-62.5°	0	0	0	1	3	7	11	17	25	34	46
-65°	0	0	0	1	3	6	11	15	22	31	40
-67.5°	0	0	0	1	3	6	10	14	19	27	35
-70°	0	0	0	1	3	5	9	12	17	23	31
-72.5°	0	0	0	1	3	5	8	11	14	19	26
-75°	0	0	0	1	2	4	7	9	12	16	21
-77.5°	0	0	0	1	2	4	6	8	9	12	15
-80°	0	0	0	1	2	3	5	6	7	9	11
-82.5°	0	0	0	0	1	2	4	4	5	6	7
-85°	0	0	0	0	1	2	2	3	3	4	4
-87.5°	0	0	0	0	0	1	1	1	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627564 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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	1	1	0	1	2
60°	0	0	1	1	1	2	3	4	4	4	10
57.5°	1	1	2	3	3	5	8	9	15	21	26
55°	1	3	4	4	7	11	15	23	31	41	49
52.5°	3	5	4	7	14	20	30	41	53	63	71
50°	4	6	6	15	23	34	49	64	75	84	97
47.5°	6	7	14	24	36	52	71	84	95	112	131
45°	9	14	23	36	52	74	91	103	121	141	161
42.5°	12	21	34	47	72	93	109	127	147	169	191
40°	18	28	45	66	92	112	132	152	173	199	222
37.5°	24	39	58	84	110	133	156	179	204	231	258
35°	30	50	73	100	127	155	180	206	237	267	298
32.5°	38	61	87	116	145	175	204	238	270	303	340
30°	48	73	100	131	162	194	230	268	300	337	377
27.5°	59	83	113	146	178	213	256	294	329	368	412
25°	69	95	126	159	194	234	280	319	356	400	452
22.5°	78	106	141	171	209	256	303	346	388	432	492
20°	87	118	154	187	225	276	326	374	423	478	546
17.5°	96	130	167	204	246	297	349	403	457	525	609
15°	105	140	180	220	265	317	372	431	495	573	670
12.5°	112	150	192	235	282	335	393	454	527	622	741
10°	120	159	204	248	297	352	410	474	553	655	795
7.5°	126	167	215	260	309	366	425	491	575	682	838
5°	132	175	223	269	319	378	438	506	592	704	872
2.5°	137	182	230	276	327	385	445	515	603	725	899
0°	141	188	235	282	333	390	451	521	611	742	916
-2.5°	145	194	240	288	340	395	456	527	619	747	920
-5°	149	199	244	292	344	398	459	529	623	748	922
-7.5°	151	202	247	295	348	401	461	532	625	747	921
-10°	153	204	250	298	351	403	461	531	622	739	906
-12.5°	156	205	251	299	352	404	460	526	613	724	877
-15°	158	205	251	299	351	403	456	518	599	706	839
-17.5°	158	205	250	296	348	401	451	510	586	686	813
-20°	158	204	248	292	344	397	446	504	574	663	777

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CATALOG NUMBER: GFLD-SA5B-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°	157	202	244	287	338	389	440	494	559	634	736
-25°	155	199	241	284	331	380	430	480	543	614	701
-27.5°	151	196	237	279	323	369	419	468	525	590	665
-30°	145	190	231	272	315	360	405	454	505	566	634
-32.5°	138	183	224	264	307	349	390	438	487	539	601
-35°	132	175	215	254	297	338	377	419	467	516	568
-37.5°	128	166	207	244	284	325	362	401	444	492	539
-40°	123	157	197	233	270	310	347	382	421	467	513
-42.5°	118	151	187	223	258	294	332	365	402	444	487
-45°	113	144	177	211	246	279	314	349	385	422	462
-47.5°	107	136	168	199	233	266	296	330	367	402	438
-50°	99	128	157	186	217	251	283	312	345	380	415
-52.5°	92	118	145	172	201	233	265	295	324	354	388
-55°	83	108	133	158	184	213	244	275	305	332	361
-57.5°	75	96	120	144	168	193	222	251	280	308	337
-60°	67	85	105	129	153	176	200	228	255	281	308
-62.5°	59	75	92	112	135	158	180	204	229	252	274
-65°	52	65	80	97	116	136	157	180	202	221	239
-67.5°	45	56	68	82	98	115	132	152	172	189	206
-70°	38	46	56	68	81	95	110	126	141	157	172
-72.5°	32	39	46	54	65	78	90	102	115	129	142
-75°	26	32	38	44	52	62	72	84	94	105	115
-77.5°	20	25	30	35	41	48	56	65	74	82	91
-80°	14	18	23	27	31	36	41	47	53	60	67
-82.5°	10	13	16	19	22	25	27	31	35	40	45
-85°	5	7	9	11	13	14	16	17	20	23	26
-87.5°	3	4	4	5	6	6	6	7	8	9	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627564 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	5	6	6	6	6	6	6
60°	12	12	18	22	21	16	23	27	25	22	21
57.5°	33	41	47	49	56	65	68	67	68	71	80
55°	58	64	69	78	88	97	104	109	114	120	127
52.5°	79	89	97	107	119	127	130	144	155	164	169
50°	112	123	135	148	161	172	181	194	210	226	236
47.5°	147	161	177	196	210	221	233	251	272	291	303
45°	179	196	216	234	250	265	283	305	326	346	360
42.5°	208	227	248	269	283	306	332	354	381	406	424
40°	242	261	291	313	331	356	394	427	458	488	507
37.5°	283	314	347	373	398	429	481	531	571	611	640
35°	331	368	409	438	476	533	597	667	737	793	844
32.5°	377	418	460	506	563	645	725	837	941	1047	1147
30°	418	465	516	575	667	781	912	1083	1269	1454	1666
27.5°	462	513	574	667	807	962	1204	1474	1859	2168	2667
25°	509	567	649	799	992	1265	1688	2169	2965	3644	4410
22.5°	567	655	772	960	1282	1773	2431	3479	4701	5835	6917
20°	637	757	957	1256	1718	2474	3721	5311	7010	8670	10275
17.5°	731	921	1207	1632	2288	3875	5731	8003	10912	13097	15168
15°	816	1057	1489	2178	3411	5454	8048	11527	15443	18735	22460
12.5°	917	1208	1729	2622	4385	7085	10391	14541	19175	24173	30007
10°	1004	1363	2033	3262	5400	8543	12248	17119	23072	30143	37517
7.5°	1072	1492	2287	3742	6256	9739	14159	20083	27622	35887	44296
5°	1125	1592	2486	4119	6984	10710	15554	22428	31021	40508	48870
2.5°	1166	1662	2618	4350	7476	11374	16507	23675	33101	43525	52304
0°	1198	1705	2692	4514	7704	11688	16949	24178	34076	45003	54031
-2.5°	1209	1728	2695	4457	7565	11668	16846	23870	33404	44416	53665
-5°	1213	1716	2627	4339	7319	11250	16171	22697	31350	41679	51053
-7.5°	1204	1670	2489	4048	6765	10511	15229	20957	28050	37157	46845
-10°	1172	1590	2303	3654	6003	9358	13763	18602	24269	31703	39554
-12.5°	1113	1471	2045	3063	5106	8053	11954	16232	20648	25534	31991
-15°	1043	1348	1835	2705	4275	6682	9841	13454	17119	20861	24800
-17.5°	990	1241	1619	2227	3283	5229	7755	10658	13632	16603	19256
-20°	922	1114	1409	1882	2648	3800	5700	7959	10181	12604	14637

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627564 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	861	1025	1246	1543	2059	2870	3953	5543	7232	8991	10660
-25°	804	928	1103	1342	1650	2132	2848	3679	4864	5946	7186
-27.5°	756	860	979	1156	1389	1653	2092	2577	3199	3715	4542
-30°	710	793	891	1004	1176	1377	1612	1907	2211	2515	2912
-32.5°	666	736	813	905	1011	1161	1308	1497	1663	1846	2035
-35°	624	686	749	822	903	1003	1113	1237	1348	1458	1558
-37.5°	588	639	694	752	817	886	973	1061	1135	1207	1268
-40°	556	599	645	693	746	801	869	933	984	1030	1069
-42.5°	528	566	602	643	686	738	790	839	874	906	932
-45°	502	534	567	600	636	681	726	764	791	816	835
-47.5°	473	502	532	563	597	633	669	697	721	742	756
-50°	445	474	501	526	557	588	620	644	665	683	693
-52.5°	418	445	473	499	523	548	573	596	617	636	643
-55°	391	418	443	467	491	515	537	557	576	594	600
-57.5°	365	393	418	438	459	480	501	521	539	556	562
-60°	335	363	386	405	425	445	463	481	499	515	522
-62.5°	299	325	346	364	382	400	416	433	449	462	470
-65°	258	280	300	318	334	350	366	381	394	404	411
-67.5°	221	238	255	271	288	303	317	330	342	351	357
-70°	187	201	217	231	246	260	272	284	295	302	308
-72.5°	155	168	181	195	208	220	230	240	250	257	262
-75°	126	137	148	160	171	181	189	197	205	211	216
-77.5°	100	108	117	125	134	142	148	155	161	166	170
-80°	74	81	87	94	100	105	110	116	121	125	129
-82.5°	50	55	60	65	70	73	76	79	81	84	88
-85°	29	32	35	38	42	44	46	48	49	51	53
-87.5°	12	13	14	16	17	17	18	18	18	19	21
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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	1
62.5°	6	5	5	5	5	5	6	6	6	6	6
60°	20	19	19	19	19	19	20	21	22	25	27
57.5°	88	94	97	99	97	94	88	80	71	68	67
55°	133	138	138	136	138	138	133	127	120	114	109
52.5°	172	173	172	169	172	173	172	169	164	155	144
50°	239	238	238	240	238	238	239	236	226	210	194
47.5°	307	311	312	310	312	311	307	303	291	272	251
45°	367	372	373	371	373	372	367	360	346	326	305
42.5°	431	434	435	437	435	434	431	424	406	381	354
40°	516	519	518	517	518	519	516	507	488	458	427
37.5°	659	669	674	686	674	669	659	640	611	571	531
35°	882	907	919	940	919	907	882	844	793	737	667
32.5°	1219	1268	1294	1320	1294	1268	1219	1147	1047	941	837
30°	1812	1909	1948	2020	1948	1909	1812	1666	1454	1269	1083
27.5°	3033	3262	3353	3542	3353	3262	3033	2667	2168	1859	1474
25°	5108	5604	5877	6093	5877	5604	5108	4410	3644	2965	2169
22.5°	8009	8735	9123	9409	9123	8735	8009	6917	5835	4701	3479
20°	11730	12688	13260	13675	13260	12688	11730	10275	8670	7010	5311
17.5°	17828	19333	20214	20970	20214	19333	17828	15168	13097	10912	8003
15°	26615	29640	31992	33301	31992	29640	26615	22460	18735	15443	11527
12.5°	35164	39595	42227	43439	42227	39595	35164	30007	24173	19175	14541
10°	43618	47796	50301	50743	50301	47796	43618	37517	30143	23072	17119
7.5°	50090	54685	58013	59222	58013	54685	50090	44296	35887	27622	20083
5°	55806	61187	64709	65155	64709	61187	55806	48870	40508	31021	22428
2.5°	60011	65860	69276	70450	69276	65860	60011	52304	43525	33101	23675
0°	62046	68345	72145	73855	72145	68345	62046	54031	45003	34076	24178
-2.5°	61618	68133	72375	74607	72375	68133	61618	53665	44416	33404	23870
-5°	59275	65809	69764	72136	69764	65809	59275	51053	41679	31350	22697
-7.5°	53872	59983	64193	66381	64193	59983	53872	46845	37157	28050	20957
-10°	46910	52082	55920	57785	55920	52082	46910	39554	31703	24269	18602
-12.5°	37864	42880	46343	47662	46343	42880	37864	31991	25534	20648	16232
-15°	29010	32839	35299	36077	35299	32839	29010	24800	20861	17119	13454
-17.5°	22000	24061	25445	25818	25445	24061	22000	19256	16603	13632	10658
-20°	16482	17760	18657	18870	18657	17760	16482	14637	12604	10181	7959

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REPORT NUMBER: P627564 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	12009	12970	13695	13839	13695	12970	12009	10660	8991	7232	5543
-25°	8284	9087	9579	9616	9579	9087	8284	7186	5946	4864	3679
-27.5°	5194	5635	5862	5942	5862	5635	5194	4542	3715	3199	2577
-30°	3209	3413	3520	3523	3520	3413	3209	2912	2515	2211	1907
-32.5°	2179	2277	2330	2330	2330	2277	2179	2035	1846	1663	1497
-35°	1632	1683	1712	1715	1712	1683	1632	1558	1458	1348	1237
-37.5°	1312	1340	1355	1358	1355	1340	1312	1268	1207	1135	1061
-40°	1097	1117	1129	1137	1129	1117	1097	1069	1030	984	933
-42.5°	949	962	967	963	967	962	949	932	906	874	839
-45°	845	853	858	860	858	853	845	835	816	791	764
-47.5°	763	767	769	770	769	767	763	756	742	721	697
-50°	698	701	702	700	702	701	698	693	683	665	644
-52.5°	646	647	648	648	648	647	646	643	636	617	596
-55°	603	604	605	606	605	604	603	600	594	576	557
-57.5°	567	571	571	568	571	571	567	562	556	539	521
-60°	528	533	535	536	535	533	528	522	515	499	481
-62.5°	476	481	483	484	483	481	476	470	462	449	433
-65°	416	420	426	432	426	420	416	411	404	394	381
-67.5°	361	365	370	376	370	365	361	357	351	342	330
-70°	313	318	319	319	319	318	313	308	302	295	284
-72.5°	267	271	272	273	272	271	267	262	257	250	240
-75°	220	224	225	226	225	224	220	216	211	205	197
-77.5°	174	178	178	179	178	178	174	170	166	161	155
-80°	132	135	134	132	134	135	132	129	125	121	116
-82.5°	91	94	92	89	92	94	91	88	84	81	79
-85°	55	56	54	52	54	56	55	53	51	49	48
-87.5°	22	23	21	19	21	23	22	21	19	18	18
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	1	1	0	0	0	0	0	0	0	0	0
62.5°	6	6	5	5	4	2	1	2	1	0	1
60°	23	16	21	22	18	12	12	10	4	4	4
57.5°	68	65	56	49	47	41	33	26	21	15	9
55°	104	97	88	78	69	64	58	49	41	31	23
52.5°	130	127	119	107	97	89	79	71	63	53	41
50°	181	172	161	148	135	123	112	97	84	75	64
47.5°	233	221	210	196	177	161	147	131	112	95	84
45°	283	265	250	234	216	196	179	161	141	121	103
42.5°	332	306	283	269	248	227	208	191	169	147	127
40°	394	356	331	313	291	261	242	222	199	173	152
37.5°	481	429	398	373	347	314	283	258	231	204	179
35°	597	533	476	438	409	368	331	298	267	237	206
32.5°	725	645	563	506	460	418	377	340	303	270	238
30°	912	781	667	575	516	465	418	377	337	300	268
27.5°	1204	962	807	667	574	513	462	412	368	329	294
25°	1688	1265	992	799	649	567	509	452	400	356	319
22.5°	2431	1773	1282	960	772	655	567	492	432	388	346
20°	3721	2474	1718	1256	957	757	637	546	478	423	374
17.5°	5731	3875	2288	1632	1207	921	731	609	525	457	403
15°	8048	5454	3411	2178	1489	1057	816	670	573	495	431
12.5°	10391	7085	4385	2622	1729	1208	917	741	622	527	454
10°	12248	8543	5400	3262	2033	1363	1004	795	655	553	474
7.5°	14159	9739	6256	3742	2287	1492	1072	838	682	575	491
5°	15554	10710	6984	4119	2486	1592	1125	872	704	592	506
2.5°	16507	11374	7476	4350	2618	1662	1166	899	725	603	515
0°	16949	11688	7704	4514	2692	1705	1198	916	742	611	521
-2.5°	16846	11668	7565	4457	2695	1728	1209	920	747	619	527
-5°	16171	11250	7319	4339	2627	1716	1213	922	748	623	529
-7.5°	15229	10511	6765	4048	2489	1670	1204	921	747	625	532
-10°	13763	9358	6003	3654	2303	1590	1172	906	739	622	531
-12.5°	11954	8053	5106	3063	2045	1471	1113	877	724	613	526
-15°	9841	6682	4275	2705	1835	1348	1043	839	706	599	518
-17.5°	7755	5229	3283	2227	1619	1241	990	813	686	586	510
-20°	5700	3800	2648	1882	1409	1114	922	777	663	574	504

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REPORT NUMBER: P627564 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	3953	2870	2059	1543	1246	1025	861	736	634	559	494
-25°	2848	2132	1650	1342	1103	928	804	701	614	543	480
-27.5°	2092	1653	1389	1156	979	860	756	665	590	525	468
-30°	1612	1377	1176	1004	891	793	710	634	566	505	454
-32.5°	1308	1161	1011	905	813	736	666	601	539	487	438
-35°	1113	1003	903	822	749	686	624	568	516	467	419
-37.5°	973	886	817	752	694	639	588	539	492	444	401
-40°	869	801	746	693	645	599	556	513	467	421	382
-42.5°	790	738	686	643	602	566	528	487	444	402	365
-45°	726	681	636	600	567	534	502	462	422	385	349
-47.5°	669	633	597	563	532	502	473	438	402	367	330
-50°	620	588	557	526	501	474	445	415	380	345	312
-52.5°	573	548	523	499	473	445	418	388	354	324	295
-55°	537	515	491	467	443	418	391	361	332	305	275
-57.5°	501	480	459	438	418	393	365	337	308	280	251
-60°	463	445	425	405	386	363	335	308	281	255	228
-62.5°	416	400	382	364	346	325	299	274	252	229	204
-65°	366	350	334	318	300	280	258	239	221	202	180
-67.5°	317	303	288	271	255	238	221	206	189	172	152
-70°	272	260	246	231	217	201	187	172	157	141	126
-72.5°	230	220	208	195	181	168	155	142	129	115	102
-75°	189	181	171	160	148	137	126	115	105	94	84
-77.5°	148	142	134	125	117	108	100	91	82	74	65
-80°	110	105	100	94	87	81	74	67	60	53	47
-82.5°	76	73	70	65	60	55	50	45	40	35	31
-85°	46	44	42	38	35	32	29	26	23	20	17
-87.5°	18	17	17	16	14	13	12	10	9	8	7
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627564 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	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	5	3	3	2	1	1	2	2	1	0
55°	15	11	7	4	4	3	1	2	3	2	0
52.5°	30	20	14	7	4	5	3	2	3	3	1
50°	49	34	23	15	6	6	4	3	3	4	3
47.5°	71	52	36	24	14	7	6	4	4	5	4
45°	91	74	52	36	23	14	9	5	4	5	4
42.5°	109	93	72	47	34	21	12	7	5	5	5
40°	132	112	92	66	45	28	18	11	5	5	5
37.5°	156	133	110	84	58	39	24	15	7	6	5
35°	180	155	127	100	73	50	30	20	11	7	5
32.5°	204	175	145	116	87	61	38	26	16	9	5
30°	230	194	162	131	100	73	48	31	20	11	5
27.5°	256	213	178	146	113	83	59	37	24	13	6
25°	280	234	194	159	126	95	69	44	28	17	8
22.5°	303	256	209	171	141	106	78	53	34	20	10
20°	326	276	225	187	154	118	87	60	39	23	12
17.5°	349	297	246	204	167	130	96	68	44	26	14
15°	372	317	265	220	180	140	105	74	49	28	16
12.5°	393	335	282	235	192	150	112	80	54	31	18
10°	410	352	297	248	204	159	120	86	59	34	21
7.5°	425	366	309	260	215	167	126	91	64	36	23
5°	438	378	319	269	223	175	132	96	68	38	25
2.5°	445	385	327	276	230	182	137	100	72	40	27
0°	451	390	333	282	235	188	141	103	75	42	28
-2.5°	456	395	340	288	240	194	145	106	78	46	29
-5°	459	398	344	292	244	199	149	109	80	50	29
-7.5°	461	401	348	295	247	202	151	111	82	53	30
-10°	461	403	351	298	250	204	153	112	83	56	30
-12.5°	460	404	352	299	251	205	156	114	84	57	30
-15°	456	403	351	299	251	205	158	117	86	58	30
-17.5°	451	401	348	296	250	205	158	118	86	57	31
-20°	446	397	344	292	248	204	158	117	86	56	33

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REPORT NUMBER: P627564 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°
-22.5°	440	389	338	287	244	202	157	116	85	55	34
-25°	430	380	331	284	241	199	155	113	83	54	35
-27.5°	419	369	323	279	237	196	151	110	81	52	35
-30°	405	360	315	272	231	190	145	107	78	51	35
-32.5°	390	349	307	264	224	183	138	103	75	51	35
-35°	377	338	297	254	215	175	132	97	72	51	34
-37.5°	362	325	284	244	207	166	128	95	69	50	33
-40°	347	310	270	233	197	157	123	92	67	48	32
-42.5°	332	294	258	223	187	151	118	89	65	46	31
-45°	314	279	246	211	177	144	113	85	62	44	30
-47.5°	296	266	233	199	168	136	107	80	58	43	28
-50°	283	251	217	186	157	128	99	75	55	40	27
-52.5°	265	233	201	172	145	118	92	68	52	37	25
-55°	244	213	184	158	133	108	83	63	48	34	22
-57.5°	222	193	168	144	120	96	75	58	44	31	21
-60°	200	176	153	129	105	85	67	52	39	28	19
-62.5°	180	158	135	112	92	75	59	46	34	25	17
-65°	157	136	116	97	80	65	52	40	31	22	15
-67.5°	132	115	98	82	68	56	45	35	27	19	14
-70°	110	95	81	68	56	46	38	31	23	17	12
-72.5°	90	78	65	54	46	39	32	26	19	14	11
-75°	72	62	52	44	38	32	26	21	16	12	9
-77.5°	56	48	41	35	30	25	20	15	12	9	8
-80°	41	36	31	27	23	18	14	11	9	7	6
-82.5°	27	25	22	19	16	13	10	7	6	5	4
-85°	16	14	13	11	9	7	5	4	4	3	3
-87.5°	6	6	6	5	4	4	3	2	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: P627564 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	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	1	0	0	0	0	0
42.5°	3	2	0	0	0	0	0
40°	4	3	0	0	0	0	0
37.5°	4	3	1	0	0	0	0
35°	5	4	1	0	0	0	0
32.5°	5	4	2	0	0	0	0
30°	5	4	2	0	0	0	0
27.5°	5	4	3	0	0	0	0
25°	5	5	3	0	0	0	0
22.5°	5	5	3	0	0	0	0
20°	5	5	4	0	0	0	0
17.5°	5	5	4	0	0	0	0
15°	5	5	4	0	0	0	0
12.5°	6	5	4	0	0	0	0
10°	7	5	4	0	0	0	0
7.5°	7	5	5	0	0	0	0
5°	8	5	5	0	0	0	0
2.5°	9	5	5	0	0	0	0
0°	9	5	5	0	0	0	0
-2.5°	11	5	5	0	0	0	0
-5°	13	6	5	1	0	0	0
-7.5°	15	6	5	1	0	0	0
-10°	16	7	5	1	0	0	0
-12.5°	17	7	4	1	0	0	0
-15°	18	7	4	2	0	0	0
-17.5°	19	7	4	2	0	0	0
-20°	19	8	4	2	0	0	0

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REPORT NUMBER: P627564 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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