

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: P627444 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627444 (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-SA4D-730-U-MR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

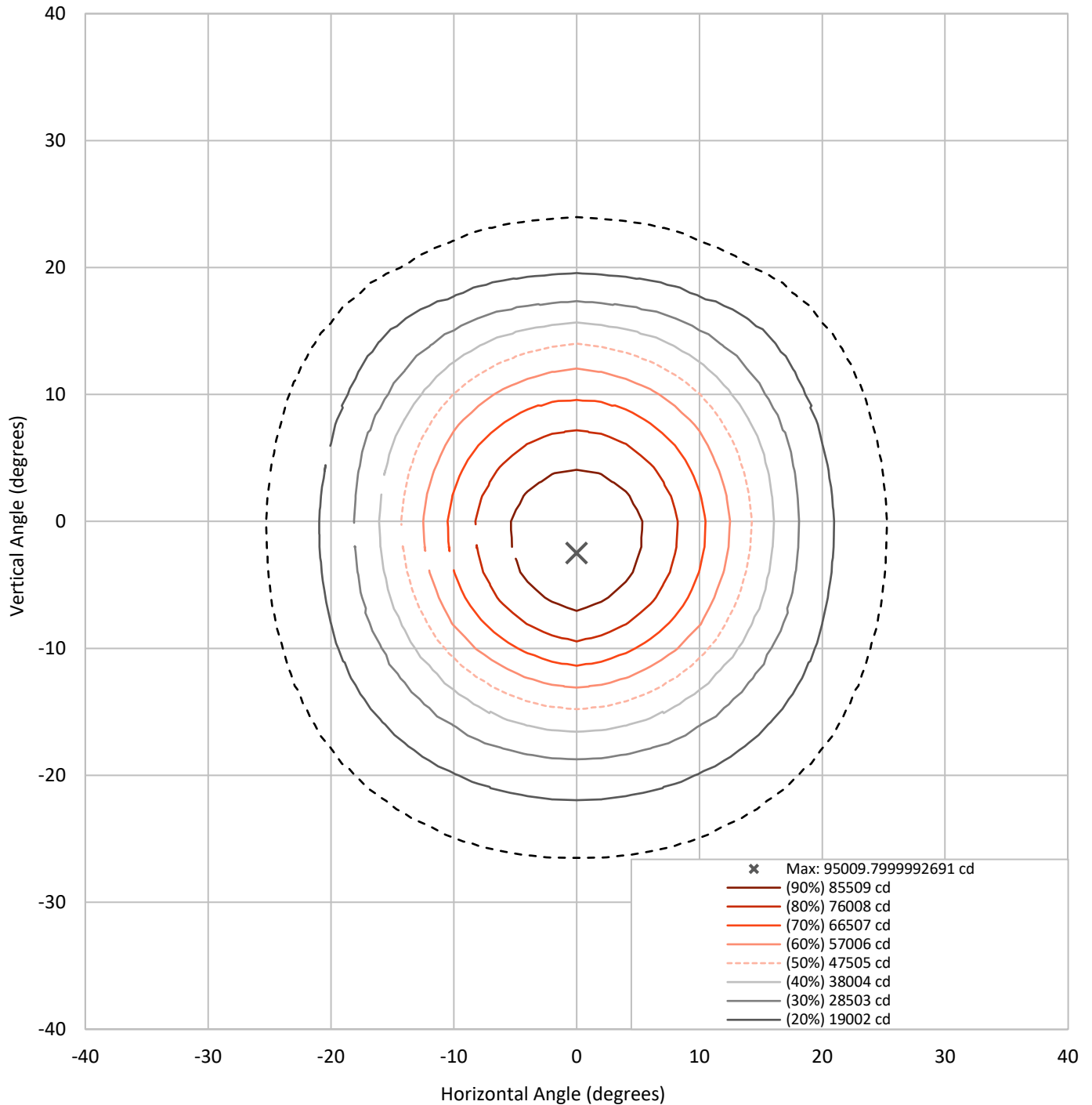
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	26946.9 lumens	Max Intensity:	95009.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	121.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	13473.7 lumens	Field Lumens:	23152.4 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	221.4		
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: P627444 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





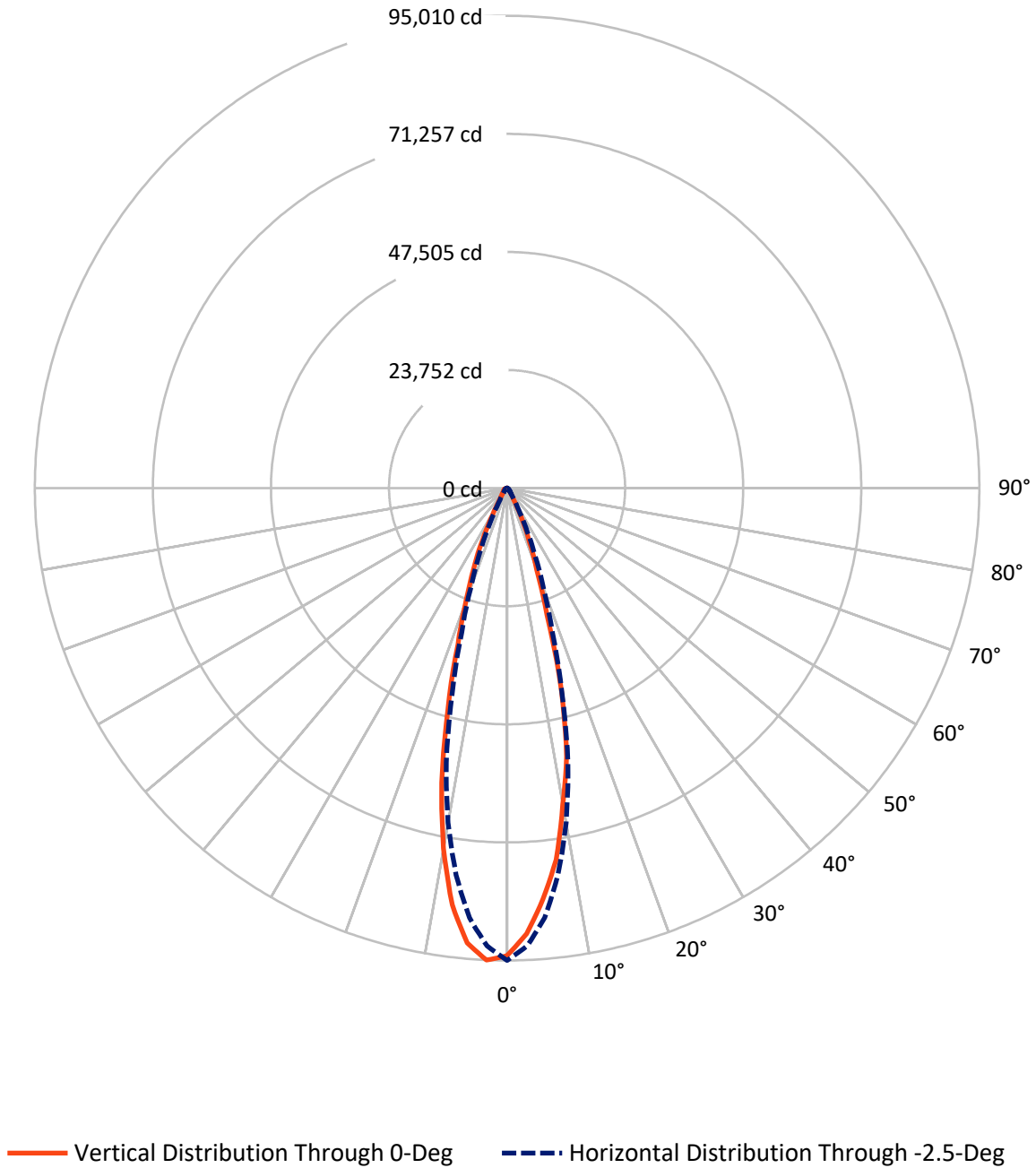
REPORT NUMBER: P627444 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	0.2	0.8	1.8	3.1	4.3	5.1	5.1	4.3	3.1	1.8	0.8	0.2	0.0				
40	0.1	0.1	0.9	2.9	5.7	8.7	12.2	14.4	14.4	12.2	8.7	5.7	2.9	0.9	0.1	0.1			
30		0.4	2.3	5.8	10.6	17.4	29.1	38.8	38.8	29.1	17.4	10.6	5.8	2.3	0.4				
20	0.2	0.8	3.6	8.8	16.7	40.7	127.9	234.6	234.6	127.9	40.7	16.7	8.8	3.6	0.8	0.2			
10		1.3	5.0	12.0	28.7	140.4	570.7	1117.4	1117.4	570.7	140.4	28.7	12.0	5.0	1.3				
0	0.4	1.7	6.1	14.3	41.1	267.5	1152.3	2258.5	2258.5	1152.3	267.5	41.1	14.3	6.1	1.7	0.4			
-10		2.0	6.6	15.0	43.9	280.2	1182.3	2394.8	2394.8	1182.3	280.2	43.9	15.0	6.6	2.0				
-20	0.5	2.1	6.8	14.7	36.2	172.1	653.8	1267.4	1267.4	653.8	172.1	36.2	14.7	6.8	2.1	0.5			
-30		2.0	6.4	13.4	26.5	66.8	202.5	361.3	361.3	202.5	66.8	26.5	13.4	6.4	2.0				
-40	0.5	1.8	5.7	11.6	20.1	33.0	53.8	72.0	72.0	53.8	33.0	20.1	11.6	5.7	1.8	0.5			
-50		1.5	4.7	9.6	15.9	22.7	29.9	33.6	33.6	29.9	22.7	15.9	9.6	4.7	1.5				
-60	0.3	1.1	3.6	7.5	12.4	17.3	21.6	23.5	23.5	21.6	17.3	12.4	7.5	3.6	1.1	0.3			
-70		0.7	2.2	4.9	8.3	11.8	14.7	16.3	16.3	14.7	11.8	8.3	4.9	2.2	0.7				
-80	0.1	1.8	8.0	17.2	21.7	17.2	8.0	1.8	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

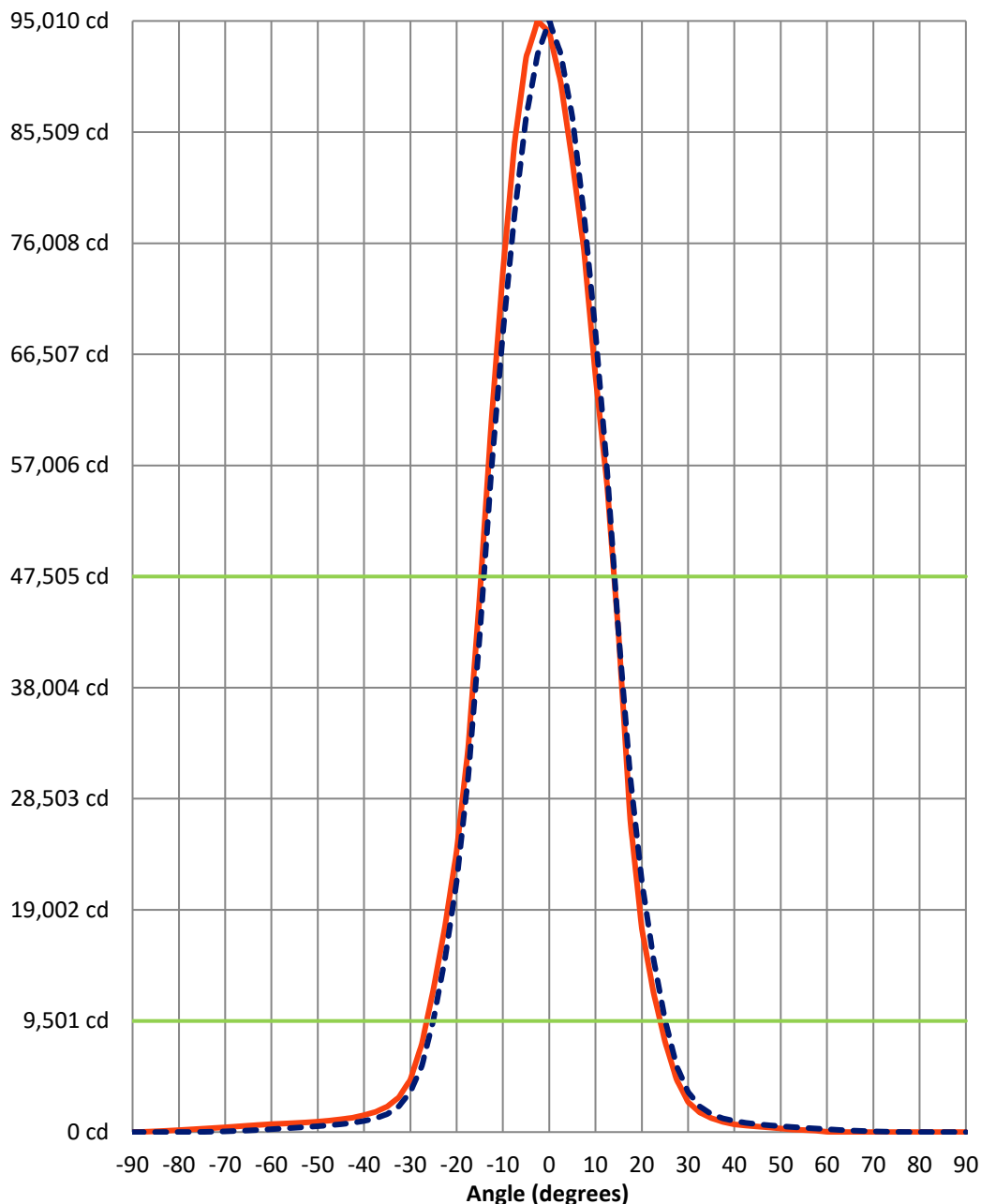
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 13473.7
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 23152.4
 Efficiency: 85.9%

Spill:
 Lumens: 3794.5
 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	2
57.5°	0	0	0	0	0	0	0	0	1	3	2
55°	0	0	0	0	0	0	1	0	3	4	2
52.5°	0	0	0	0	0	0	1	2	4	4	3
50°	0	0	0	0	0	1	2	3	6	4	4
47.5°	0	0	0	0	0	1	2	4	6	5	5
45°	0	0	0	0	0	2	3	6	6	5	6
42.5°	0	0	0	0	0	3	4	6	6	6	10
40°	0	0	0	0	0	3	5	6	6	6	14
37.5°	0	0	0	0	1	4	5	6	7	9	20
35°	0	0	0	0	2	5	6	6	9	14	26
32.5°	0	0	0	0	2	5	6	6	11	20	33
30°	0	0	0	0	3	5	6	6	13	25	40
27.5°	0	0	0	0	3	6	6	8	17	30	48
25°	0	0	0	0	4	6	6	10	21	36	56
22.5°	0	0	0	0	4	6	6	13	25	43	67
20°	0	0	0	0	5	6	6	15	29	49	77
17.5°	0	0	0	0	5	6	6	17	33	56	86
15°	0	0	0	0	5	6	7	20	36	63	95
12.5°	0	0	0	0	5	6	8	23	40	69	102
10°	0	0	0	0	6	6	9	26	43	76	109
7.5°	0	0	0	0	6	6	9	29	46	82	116
5°	0	0	0	0	6	6	10	32	49	87	122
2.5°	0	0	0	0	6	6	11	34	51	92	127
0°	0	0	0	0	6	6	12	36	54	96	132
-2.5°	0	0	0	0	6	7	14	37	59	99	135
-5°	0	0	0	1	6	7	17	37	64	102	139
-7.5°	0	0	0	1	6	8	19	38	68	104	141
-10°	0	0	0	1	6	8	20	38	71	106	142
-12.5°	0	0	0	2	6	9	22	38	73	108	146
-15°	0	0	0	2	6	9	23	38	73	109	148
-17.5°	0	0	0	2	6	10	24	40	73	110	150
-20°	0	0	0	3	6	10	24	42	72	109	150

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CATALOG NUMBER: GFLD-SA4D-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	3	6	10	25	43	70	108	147
-25°	0	0	0	3	6	10	25	44	68	106	144
-27.5°	0	0	0	3	6	11	25	45	66	102	140
-30°	0	0	0	3	6	12	25	45	65	99	136
-32.5°	0	0	0	3	7	12	24	44	65	95	131
-35°	0	0	0	2	7	12	24	43	64	92	124
-37.5°	0	0	0	2	8	12	24	42	63	88	121
-40°	0	0	0	2	8	13	24	41	61	85	118
-42.5°	0	0	0	1	8	13	24	39	59	82	113
-45°	0	0	0	1	7	13	22	38	57	79	108
-47.5°	0	0	0	1	7	13	21	36	54	74	102
-50°	0	0	0	1	7	13	20	34	51	70	95
-52.5°	0	0	0	1	6	12	20	31	48	66	87
-55°	0	0	0	1	6	11	18	28	44	61	81
-57.5°	0	0	0	1	5	11	17	26	39	55	74
-60°	0	0	0	1	4	10	15	24	35	50	66
-62.5°	0	0	0	1	4	9	14	21	32	44	59
-65°	0	0	0	1	4	8	13	19	28	39	51
-67.5°	0	0	0	1	4	7	12	17	24	34	45
-70°	0	0	0	1	4	7	11	16	22	29	39
-72.5°	0	0	0	1	3	6	10	14	18	25	33
-75°	0	0	0	1	3	5	9	12	15	20	26
-77.5°	0	0	0	1	2	5	7	10	12	15	19
-80°	0	0	0	1	2	4	6	7	9	11	14
-82.5°	0	0	0	1	2	3	5	5	6	7	9
-85°	0	0	0	0	1	2	3	4	4	5	5
-87.5°	0	0	0	0	1	1	2	2	2	2	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627444 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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	1	1	2
60°	0	0	1	2	1	3	4	5	6	6	12
57.5°	1	1	3	3	4	7	10	11	19	27	33
55°	2	4	5	5	9	14	19	30	40	52	63
52.5°	4	6	6	9	17	26	38	52	68	80	90
50°	6	7	8	19	30	43	62	81	95	107	124
47.5°	8	9	18	31	46	66	91	107	121	142	167
45°	11	17	29	45	66	94	115	131	154	180	205
42.5°	16	27	43	60	92	119	139	162	187	216	243
40°	23	36	57	84	117	143	169	194	220	253	283
37.5°	31	49	73	107	140	169	199	228	260	294	328
35°	38	63	93	128	162	197	229	263	302	341	379
32.5°	48	78	111	148	185	223	259	303	344	385	433
30°	61	93	127	167	206	247	293	341	382	429	480
27.5°	75	106	144	186	226	271	326	374	418	469	525
25°	87	121	161	203	247	298	357	406	453	509	575
22.5°	99	135	179	218	266	326	386	441	495	550	627
20°	111	151	196	238	286	352	415	477	539	609	695
17.5°	123	165	213	260	313	378	445	513	582	668	776
15°	133	179	229	280	337	404	474	549	630	730	853
12.5°	143	191	245	299	359	427	500	578	672	792	944
10°	152	202	260	316	378	448	522	604	704	834	1012
7.5°	161	213	274	332	394	467	542	626	732	869	1067
5°	168	223	284	343	407	481	557	644	754	897	1111
2.5°	174	232	293	352	417	490	567	656	768	923	1145
0°	179	239	299	359	425	496	574	664	778	945	1166
-2.5°	185	247	306	366	433	503	581	671	788	952	1172
-5°	190	253	311	372	439	507	584	674	793	952	1175
-7.5°	193	258	315	376	443	511	587	677	796	951	1174
-10°	195	260	318	380	447	514	588	676	792	941	1154
-12.5°	198	261	320	381	448	515	585	670	780	923	1117
-15°	201	261	320	380	447	514	581	660	763	899	1069
-17.5°	202	261	318	377	444	511	574	650	746	874	1035
-20°	202	259	315	372	438	505	568	642	731	844	989

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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°	200	257	311	366	430	495	560	629	712	807	937
-25°	197	254	307	361	421	484	548	612	691	782	893
-27.5°	192	249	302	355	411	470	533	596	668	752	847
-30°	185	242	294	347	402	458	516	579	643	721	808
-32.5°	176	233	285	337	391	445	497	558	621	687	766
-35°	169	223	274	324	379	430	480	533	595	657	723
-37.5°	163	212	263	310	362	414	461	510	565	626	687
-40°	157	200	251	297	344	395	442	487	536	595	653
-42.5°	150	192	238	284	328	374	422	465	512	566	620
-45°	143	183	225	269	313	355	399	445	490	537	589
-47.5°	136	173	214	253	296	338	377	421	467	512	557
-50°	127	163	200	237	277	320	360	397	439	484	528
-52.5°	117	151	185	219	256	296	338	376	412	451	494
-55°	105	137	169	201	234	272	311	350	388	423	460
-57.5°	95	122	153	184	214	245	283	320	357	393	429
-60°	85	108	134	164	194	224	255	290	325	358	392
-62.5°	75	95	117	143	172	201	230	260	291	320	349
-65°	66	82	102	124	147	173	200	229	258	281	304
-67.5°	57	71	86	104	125	146	168	193	219	241	262
-70°	49	59	72	87	103	121	140	160	180	199	219
-72.5°	41	50	59	69	83	99	115	130	147	164	181
-75°	33	40	48	56	67	79	92	107	120	133	147
-77.5°	26	32	38	44	52	61	72	83	94	105	116
-80°	18	23	29	35	40	46	52	60	68	76	85
-82.5°	12	16	20	25	28	31	35	39	45	51	58
-85°	7	9	12	15	16	18	20	22	25	29	33
-87.5°	3	4	6	7	7	8	8	8	10	11	13
-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	1	0	0
62.5°	2	3	5	6	7	7	8	8	8	8	8
60°	15	15	23	27	26	21	29	34	32	28	27
57.5°	42	52	60	63	71	83	87	86	87	91	102
55°	73	81	87	99	112	123	132	138	145	153	162
52.5°	100	114	123	136	152	162	166	183	197	209	216
50°	142	157	172	189	205	219	231	248	267	288	300
47.5°	187	205	226	250	267	281	296	319	346	370	385
45°	228	250	275	298	318	337	360	388	416	440	459
42.5°	265	290	316	343	360	390	423	451	485	517	540
40°	308	332	371	398	422	454	501	543	583	621	645
37.5°	360	400	442	475	507	546	612	677	728	779	815
35°	421	469	521	558	606	679	761	850	939	1010	1074
32.5°	480	533	586	645	717	821	924	1066	1198	1334	1461
30°	532	592	657	732	849	994	1161	1379	1616	1852	2121
27.5°	588	653	731	850	1028	1225	1534	1877	2367	2761	3396
25°	648	722	827	1018	1264	1611	2149	2762	3775	4641	5616
22.5°	722	834	983	1222	1633	2258	3095	4431	5986	7431	8809
20°	811	964	1219	1600	2188	3150	4738	6763	8926	11040	13085
17.5°	930	1173	1537	2079	2913	4935	7298	10192	13896	16678	19316
15°	1039	1346	1896	2773	4344	6945	10248	14679	19666	23859	28602
12.5°	1167	1538	2201	3339	5584	9023	13233	18518	24419	30784	38213
10°	1279	1735	2589	4154	6877	10879	15598	21801	29381	38387	47776
7.5°	1366	1900	2912	4766	7967	12403	18031	25576	35176	45701	56410
5°	1433	2027	3166	5245	8894	13639	19807	28562	39505	51586	62234
2.5°	1485	2117	3334	5540	9520	14484	21022	30149	42154	55428	66608
0°	1525	2172	3428	5749	9811	14884	21584	30791	43395	57310	68808
-2.5°	1540	2200	3432	5676	9634	14859	21453	30397	42539	56562	68341
-5°	1545	2186	3346	5526	9320	14326	20594	28904	39924	53078	65014
-7.5°	1533	2127	3170	5155	8615	13386	19394	26689	35721	47319	59656
-10°	1492	2025	2933	4653	7645	11917	17527	23690	30906	40373	50371
-12.5°	1417	1873	2605	3901	6503	10255	15223	20671	26295	32517	40740
-15°	1328	1716	2337	3445	5445	8509	12532	17134	21801	26566	31582
-17.5°	1260	1580	2062	2836	4180	6658	9875	13573	17360	21143	24521
-20°	1174	1418	1795	2396	3373	4839	7259	10136	12965	16050	18640

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627444 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	1097	1305	1587	1965	2622	3654	5034	7059	9209	11450	13576
-25°	1025	1181	1405	1709	2102	2716	3627	4685	6194	7573	9151
-27.5°	963	1095	1247	1472	1769	2105	2664	3282	4074	4731	5784
-30°	904	1009	1135	1279	1497	1753	2053	2428	2815	3203	3708
-32.5°	849	937	1035	1152	1287	1479	1666	1906	2118	2351	2591
-35°	795	873	954	1047	1150	1277	1417	1576	1717	1857	1984
-37.5°	748	814	884	957	1041	1128	1238	1351	1445	1537	1615
-40°	709	763	822	883	949	1020	1106	1189	1253	1312	1362
-42.5°	673	721	767	819	874	939	1006	1069	1113	1154	1186
-45°	639	680	722	765	810	867	924	973	1008	1039	1063
-47.5°	602	640	678	717	761	806	851	888	919	945	963
-50°	566	604	638	670	709	749	789	820	847	870	883
-52.5°	532	567	602	635	667	698	729	759	786	810	819
-55°	498	533	564	595	626	655	683	709	734	757	764
-57.5°	464	500	533	558	584	611	638	663	687	708	715
-60°	426	462	491	516	541	566	589	613	636	656	665
-62.5°	381	414	440	464	487	509	530	551	572	589	598
-65°	328	356	382	405	426	446	466	485	502	515	523
-67.5°	282	302	324	345	366	386	404	420	436	447	454
-70°	238	256	276	295	313	331	346	361	375	385	392
-72.5°	197	214	231	248	265	280	293	306	318	327	334
-75°	160	174	189	203	218	230	241	251	262	269	275
-77.5°	128	138	149	160	171	180	189	198	205	212	217
-80°	94	103	111	119	127	134	140	147	154	159	164
-82.5°	64	70	77	83	90	93	97	100	103	107	111
-85°	37	41	45	49	53	56	58	61	63	65	68
-87.5°	15	16	18	20	22	22	22	23	23	25	26
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627444 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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	1	1
62.5°	7	6	6	6	6	6	7	8	8	8	8
60°	26	24	24	24	24	24	26	27	28	32	34
57.5°	111	119	124	126	124	119	111	102	91	87	86
55°	170	176	176	174	176	176	170	162	153	145	138
52.5°	219	220	218	215	218	220	219	216	209	197	183
50°	304	303	304	305	304	303	304	300	288	267	248
47.5°	391	396	397	395	397	396	391	385	370	346	319
45°	467	473	475	473	475	473	467	459	440	416	388
42.5°	549	553	554	556	554	553	549	540	517	485	451
40°	657	661	660	658	660	661	657	645	621	583	543
37.5°	839	852	858	873	858	852	839	815	779	728	677
35°	1124	1155	1171	1196	1171	1155	1124	1074	1010	939	850
32.5°	1552	1615	1648	1681	1648	1615	1552	1461	1334	1198	1066
30°	2307	2431	2481	2572	2481	2431	2307	2121	1852	1616	1379
27.5°	3862	4155	4270	4511	4270	4155	3862	3396	2761	2367	1877
25°	6505	7136	7484	7759	7484	7136	6505	5616	4641	3775	2762
22.5°	10199	11124	11618	11982	11618	11124	10199	8809	7431	5986	4431
20°	14938	16158	16886	17414	16886	16158	14938	13085	11040	8926	6763
17.5°	22703	24620	25741	26705	25741	24620	22703	19316	16678	13896	10192
15°	33894	37746	40740	42408	40740	37746	33894	28602	23859	19666	14679
12.5°	44780	50423	53775	55318	53775	50423	44780	38213	30784	24419	18518
10°	55546	60867	64057	64620	64057	60867	55546	47776	38387	29381	21801
7.5°	63788	69640	73878	75418	73878	69640	63788	56410	45701	35176	25576
5°	71068	77919	82405	82974	82405	77919	71068	62234	51586	39505	28562
2.5°	76423	83871	88221	89716	88221	83871	76423	66608	55428	42154	30149
0°	79013	87035	91875	94053	91875	87035	79013	68808	57310	43395	30791
-2.5°	78468	86766	92167	95010	92167	86766	78468	68341	56562	42539	30397
-5°	75485	83806	88843	91863	88843	83806	75485	65014	53078	39924	28904
-7.5°	68604	76386	81748	84535	81748	76386	68604	59656	47319	35721	26689
-10°	59739	66325	71212	73587	71212	66325	59739	50371	40373	30906	23690
-12.5°	48218	54607	59016	60696	59016	54607	48218	40740	32517	26295	20671
-15°	36944	41820	44952	45944	44952	41820	36944	31582	26566	21801	17134
-17.5°	28017	30642	32404	32878	32404	30642	28017	24521	21143	17360	13573
-20°	20990	22616	23760	24031	23760	22616	20990	18640	16050	12965	10136

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REPORT NUMBER: P627444 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	15294	16516	17440	17624	17440	16516	15294	13576	11450	9209	7059
-25°	10549	11572	12198	12246	12198	11572	10549	9151	7573	6194	4685
-27.5°	6614	7175	7465	7568	7465	7175	6614	5784	4731	4074	3282
-30°	4087	4346	4482	4487	4482	4346	4087	3708	3203	2815	2428
-32.5°	2774	2900	2968	2967	2968	2900	2774	2591	2351	2118	1906
-35°	2078	2143	2180	2184	2180	2143	2078	1984	1857	1717	1576
-37.5°	1671	1707	1725	1729	1725	1707	1671	1615	1537	1445	1351
-40°	1397	1422	1438	1448	1438	1422	1397	1362	1312	1253	1189
-42.5°	1208	1225	1232	1226	1232	1225	1208	1186	1154	1113	1069
-45°	1076	1086	1092	1095	1092	1086	1076	1063	1039	1008	973
-47.5°	972	976	979	981	979	976	972	963	945	919	888
-50°	889	893	894	891	894	893	889	883	870	847	820
-52.5°	822	823	825	826	825	823	822	819	810	786	759
-55°	768	770	771	772	771	770	768	764	757	734	709
-57.5°	722	727	727	724	727	727	722	715	708	687	663
-60°	672	678	681	682	681	678	672	665	656	636	613
-62.5°	606	612	615	616	615	612	606	598	589	572	551
-65°	530	535	543	550	543	535	530	523	515	502	485
-67.5°	460	464	472	479	472	464	460	454	447	436	420
-70°	399	405	406	407	406	405	399	392	385	375	361
-72.5°	340	345	347	347	347	345	340	334	327	318	306
-75°	281	285	287	287	287	285	281	275	269	262	251
-77.5°	222	226	227	227	227	226	222	217	212	205	198
-80°	169	173	170	168	170	173	169	164	159	154	147
-82.5°	115	119	117	114	117	119	115	111	107	103	100
-85°	70	71	69	66	69	71	70	68	65	63	61
-87.5°	28	30	27	24	27	30	28	26	25	23	23
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627444 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	8	7	7	6	5	3	2	2	1	1	1
60°	29	21	26	27	23	15	15	12	6	6	5
57.5°	87	83	71	63	60	52	42	33	27	19	11
55°	132	123	112	99	87	81	73	63	52	40	30
52.5°	166	162	152	136	123	114	100	90	80	68	52
50°	231	219	205	189	172	157	142	124	107	95	81
47.5°	296	281	267	250	226	205	187	167	142	121	107
45°	360	337	318	298	275	250	228	205	180	154	131
42.5°	423	390	360	343	316	290	265	243	216	187	162
40°	501	454	422	398	371	332	308	283	253	220	194
37.5°	612	546	507	475	442	400	360	328	294	260	228
35°	761	679	606	558	521	469	421	379	341	302	263
32.5°	924	821	717	645	586	533	480	433	385	344	303
30°	1161	994	849	732	657	592	532	480	429	382	341
27.5°	1534	1225	1028	850	731	653	588	525	469	418	374
25°	2149	1611	1264	1018	827	722	648	575	509	453	406
22.5°	3095	2258	1633	1222	983	834	722	627	550	495	441
20°	4738	3150	2188	1600	1219	964	811	695	609	539	477
17.5°	7298	4935	2913	2079	1537	1173	930	776	668	582	513
15°	10248	6945	4344	2773	1896	1346	1039	853	730	630	549
12.5°	13233	9023	5584	3339	2201	1538	1167	944	792	672	578
10°	15598	10879	6877	4154	2589	1735	1279	1012	834	704	604
7.5°	18031	12403	7967	4766	2912	1900	1366	1067	869	732	626
5°	19807	13639	8894	5245	3166	2027	1433	1111	897	754	644
2.5°	21022	14484	9520	5540	3334	2117	1485	1145	923	768	656
0°	21584	14884	9811	5749	3428	2172	1525	1166	945	778	664
-2.5°	21453	14859	9634	5676	3432	2200	1540	1172	952	788	671
-5°	20594	14326	9320	5526	3346	2186	1545	1175	952	793	674
-7.5°	19394	13386	8615	5155	3170	2127	1533	1174	951	796	677
-10°	17527	11917	7645	4653	2933	2025	1492	1154	941	792	676
-12.5°	15223	10255	6503	3901	2605	1873	1417	1117	923	780	670
-15°	12532	8509	5445	3445	2337	1716	1328	1069	899	763	660
-17.5°	9875	6658	4180	2836	2062	1580	1260	1035	874	746	650
-20°	7259	4839	3373	2396	1795	1418	1174	989	844	731	642

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REPORT NUMBER: P627444 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	5034	3654	2622	1965	1587	1305	1097	937	807	712	629
-25°	3627	2716	2102	1709	1405	1181	1025	893	782	691	612
-27.5°	2664	2105	1769	1472	1247	1095	963	847	752	668	596
-30°	2053	1753	1497	1279	1135	1009	904	808	721	643	579
-32.5°	1666	1479	1287	1152	1035	937	849	766	687	621	558
-35°	1417	1277	1150	1047	954	873	795	723	657	595	533
-37.5°	1238	1128	1041	957	884	814	748	687	626	565	510
-40°	1106	1020	949	883	822	763	709	653	595	536	487
-42.5°	1006	939	874	819	767	721	673	620	566	512	465
-45°	924	867	810	765	722	680	639	589	537	490	445
-47.5°	851	806	761	717	678	640	602	557	512	467	421
-50°	789	749	709	670	638	604	566	528	484	439	397
-52.5°	729	698	667	635	602	567	532	494	451	412	376
-55°	683	655	626	595	564	533	498	460	423	388	350
-57.5°	638	611	584	558	533	500	464	429	393	357	320
-60°	589	566	541	516	491	462	426	392	358	325	290
-62.5°	530	509	487	464	440	414	381	349	320	291	260
-65°	466	446	426	405	382	356	328	304	281	258	229
-67.5°	404	386	366	345	324	302	282	262	241	219	193
-70°	346	331	313	295	276	256	238	219	199	180	160
-72.5°	293	280	265	248	231	214	197	181	164	147	130
-75°	241	230	218	203	189	174	160	147	133	120	107
-77.5°	189	180	171	160	149	138	128	116	105	94	83
-80°	140	134	127	119	111	103	94	85	76	68	60
-82.5°	97	93	90	83	77	70	64	58	51	45	39
-85°	58	56	53	49	45	41	37	33	29	25	22
-87.5°	22	22	22	20	18	16	15	13	11	10	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627444 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	4	3	1	2	1	0	0	2	1	0	0
57.5°	10	7	4	3	3	1	1	2	3	1	0
55°	19	14	9	5	5	4	2	2	4	3	0
52.5°	38	26	17	9	6	6	4	3	4	4	2
50°	62	43	30	19	8	7	6	4	4	6	3
47.5°	91	66	46	31	18	9	8	5	5	6	4
45°	115	94	66	45	29	17	11	6	5	6	6
42.5°	139	119	92	60	43	27	16	10	6	6	6
40°	169	143	117	84	57	36	23	14	6	6	6
37.5°	199	169	140	107	73	49	31	20	9	7	6
35°	229	197	162	128	93	63	38	26	14	9	6
32.5°	259	223	185	148	111	78	48	33	20	11	6
30°	293	247	206	167	127	93	61	40	25	13	6
27.5°	326	271	226	186	144	106	75	48	30	17	8
25°	357	298	247	203	161	121	87	56	36	21	10
22.5°	386	326	266	218	179	135	99	67	43	25	13
20°	415	352	286	238	196	151	111	77	49	29	15
17.5°	445	378	313	260	213	165	123	86	56	33	17
15°	474	404	337	280	229	179	133	95	63	36	20
12.5°	500	427	359	299	245	191	143	102	69	40	23
10°	522	448	378	316	260	202	152	109	76	43	26
7.5°	542	467	394	332	274	213	161	116	82	46	29
5°	557	481	407	343	284	223	168	122	87	49	32
2.5°	567	490	417	352	293	232	174	127	92	51	34
0°	574	496	425	359	299	239	179	132	96	54	36
-2.5°	581	503	433	366	306	247	185	135	99	59	37
-5°	584	507	439	372	311	253	190	139	102	64	37
-7.5°	587	511	443	376	315	258	193	141	104	68	38
-10°	588	514	447	380	318	260	195	142	106	71	38
-12.5°	585	515	448	381	320	261	198	146	108	73	38
-15°	581	514	447	380	320	261	201	148	109	73	38
-17.5°	574	511	444	377	318	261	202	150	110	73	40
-20°	568	505	438	372	315	259	202	150	109	72	42

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REPORT NUMBER: P627444 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	560	495	430	366	311	257	200	147	108	70	43
-25°	548	484	421	361	307	254	197	144	106	68	44
-27.5°	533	470	411	355	302	249	192	140	102	66	45
-30°	516	458	402	347	294	242	185	136	99	65	45
-32.5°	497	445	391	337	285	233	176	131	95	65	44
-35°	480	430	379	324	274	223	169	124	92	64	43
-37.5°	461	414	362	310	263	212	163	121	88	63	42
-40°	442	395	344	297	251	200	157	118	85	61	41
-42.5°	422	374	328	284	238	192	150	113	82	59	39
-45°	399	355	313	269	225	183	143	108	79	57	38
-47.5°	377	338	296	253	214	173	136	102	74	54	36
-50°	360	320	277	237	200	163	127	95	70	51	34
-52.5°	338	296	256	219	185	151	117	87	66	48	31
-55°	311	272	234	201	169	137	105	81	61	44	28
-57.5°	283	245	214	184	153	122	95	74	55	39	26
-60°	255	224	194	164	134	108	85	66	50	35	24
-62.5°	230	201	172	143	117	95	75	59	44	32	21
-65°	200	173	147	124	102	82	66	51	39	28	19
-67.5°	168	146	125	104	86	71	57	45	34	24	17
-70°	140	121	103	87	72	59	49	39	29	22	16
-72.5°	115	99	83	69	59	50	41	33	25	18	14
-75°	92	79	67	56	48	40	33	26	20	15	12
-77.5°	72	61	52	44	38	32	26	19	15	12	10
-80°	52	46	40	35	29	23	18	14	11	9	7
-82.5°	35	31	28	25	20	16	12	9	7	6	5
-85°	20	18	16	15	12	9	7	5	5	4	4
-87.5°	8	8	7	7	6	4	3	3	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: P627444 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-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°	2	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°	4	3	0	0	0	0	0
40°	5	3	0	0	0	0	0
37.5°	5	4	1	0	0	0	0
35°	6	5	2	0	0	0	0
32.5°	6	5	2	0	0	0	0
30°	6	5	3	0	0	0	0
27.5°	6	6	3	0	0	0	0
25°	6	6	4	0	0	0	0
22.5°	6	6	4	0	0	0	0
20°	6	6	5	0	0	0	0
17.5°	6	6	5	0	0	0	0
15°	7	6	5	0	0	0	0
12.5°	8	6	5	0	0	0	0
10°	9	6	6	0	0	0	0
7.5°	9	6	6	0	0	0	0
5°	10	6	6	0	0	0	0
2.5°	11	6	6	0	0	0	0
0°	12	6	6	0	0	0	0
-2.5°	14	7	6	0	0	0	0
-5°	17	7	6	1	0	0	0
-7.5°	19	8	6	1	0	0	0
-10°	20	8	6	1	0	0	0
-12.5°	22	9	6	2	0	0	0
-15°	23	9	6	2	0	0	0
-17.5°	24	10	6	2	0	0	0
-20°	24	10	6	3	0	0	0

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Scaled Data Report



REPORT NUMBER: P627444 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	25	10	6	3	0	0	0
-25°	25	10	6	3	0	0	0
-27.5°	25	11	6	3	0	0	0
-30°	25	12	6	3	0	0	0
-32.5°	24	12	7	3	0	0	0
-35°	24	12	7	2	0	0	0
-37.5°	24	12	8	2	0	0	0
-40°	24	13	8	2	0	0	0
-42.5°	24	13	8	1	0	0	0
-45°	22	13	7	1	0	0	0
-47.5°	21	13	7	1	0	0	0
-50°	20	13	7	1	0	0	0
-52.5°	20	12	6	1	0	0	0
-55°	18	11	6	1	0	0	0
-57.5°	17	11	5	1	0	0	0
-60°	15	10	4	1	0	0	0
-62.5°	14	9	4	1	0	0	0
-65°	13	8	4	1	0	0	0
-67.5°	12	7	4	1	0	0	0
-70°	11	7	4	1	0	0	0
-72.5°	10	6	3	1	0	0	0
-75°	9	5	3	1	0	0	0
-77.5°	7	5	2	1	0	0	0
-80°	6	4	2	1	0	0	0
-82.5°	5	3	2	1	0	0	0
-85°	3	2	1	0	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)