

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: P627414 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-750-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627414 (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-SA4C-750-U-MR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (64) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

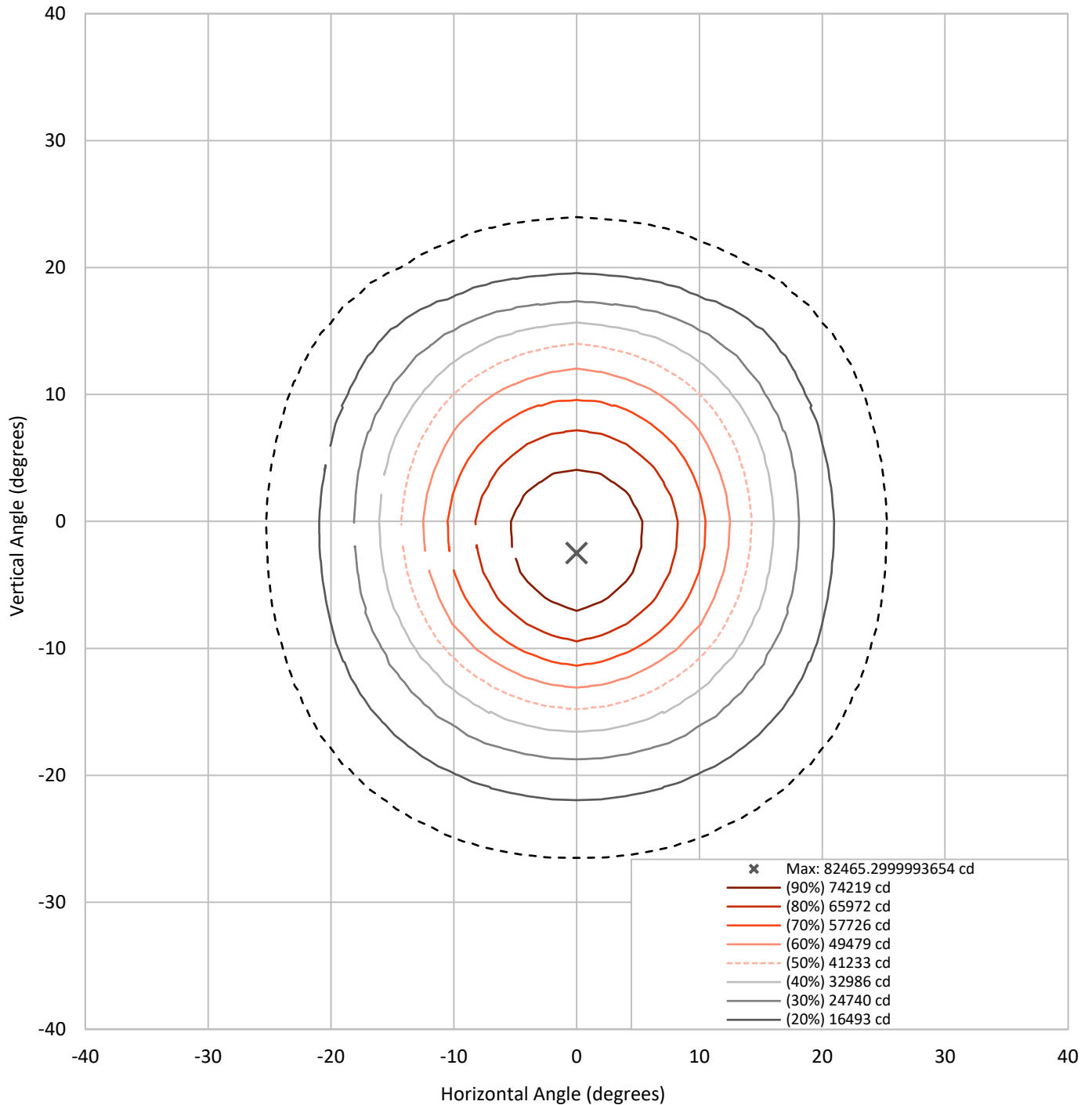
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	23389 lumens	Max Intensity:	82465.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	139.1 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:	11694.7 lumens	Field Lumens:	20095.5 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	168.2		
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		



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Iso-Candela Plot





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Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.7	1.6	2.7	3.7	4.4	4.4	3.7	2.7	1.6	0.7	0.1	0.0				
40	0.1	0.1	0.8	2.5	4.9	7.6	10.6	12.5	12.5	10.6	7.6	4.9	2.5	0.8	0.1	0.1			
30		0.3	2.0	5.0	9.2	15.1	25.2	33.6	33.6	25.2	15.1	9.2	5.0	2.0	0.3				
20	0.2	0.7	3.2	7.6	14.5	35.3	111.0	203.6	203.6	111.0	35.3	14.5	7.6	3.2	0.7	0.2			
10		1.2	4.4	10.4	24.9	121.8	495.3	969.9	969.9	495.3	121.8	24.9	10.4	4.4	1.2				
0	0.3	1.5	5.3	12.4	35.7	232.2	1000.1	1960.3	1960.3	1000.1	232.2	35.7	12.4	5.3	1.5	0.3			
-10		1.7	5.7	13.1	38.1	243.2	1026.2	2078.6	2078.6	1026.2	243.2	38.1	13.1	5.7	1.7				
-20	0.4	1.8	5.9	12.7	31.4	149.4	567.5	1100.0	1100.0	567.5	149.4	31.4	12.7	5.9	1.8	0.4			
-30		1.7	5.6	11.6	23.0	58.0	175.7	313.6	313.6	175.7	58.0	23.0	11.6	5.6	1.7				
-40	0.4	1.5	5.0	10.1	17.4	28.6	46.7	62.5	62.5	46.7	28.6	17.4	10.1	5.0	1.5	0.4			
-50		1.3	4.1	8.4	13.8	19.7	26.0	29.1	29.1	26.0	19.7	13.8	8.4	4.1	1.3				
-60	0.3	1.0	3.1	6.5	10.8	15.0	18.7	20.4	20.4	18.7	15.0	10.8	6.5	3.1	1.0	0.3			
-70		0.6	1.9	4.3	7.2	10.2	12.8	14.1	14.1	12.8	10.2	7.2	4.3	1.9	0.6				
-80	0.1	1.5	6.9	14.9	18.9	14.9	6.9	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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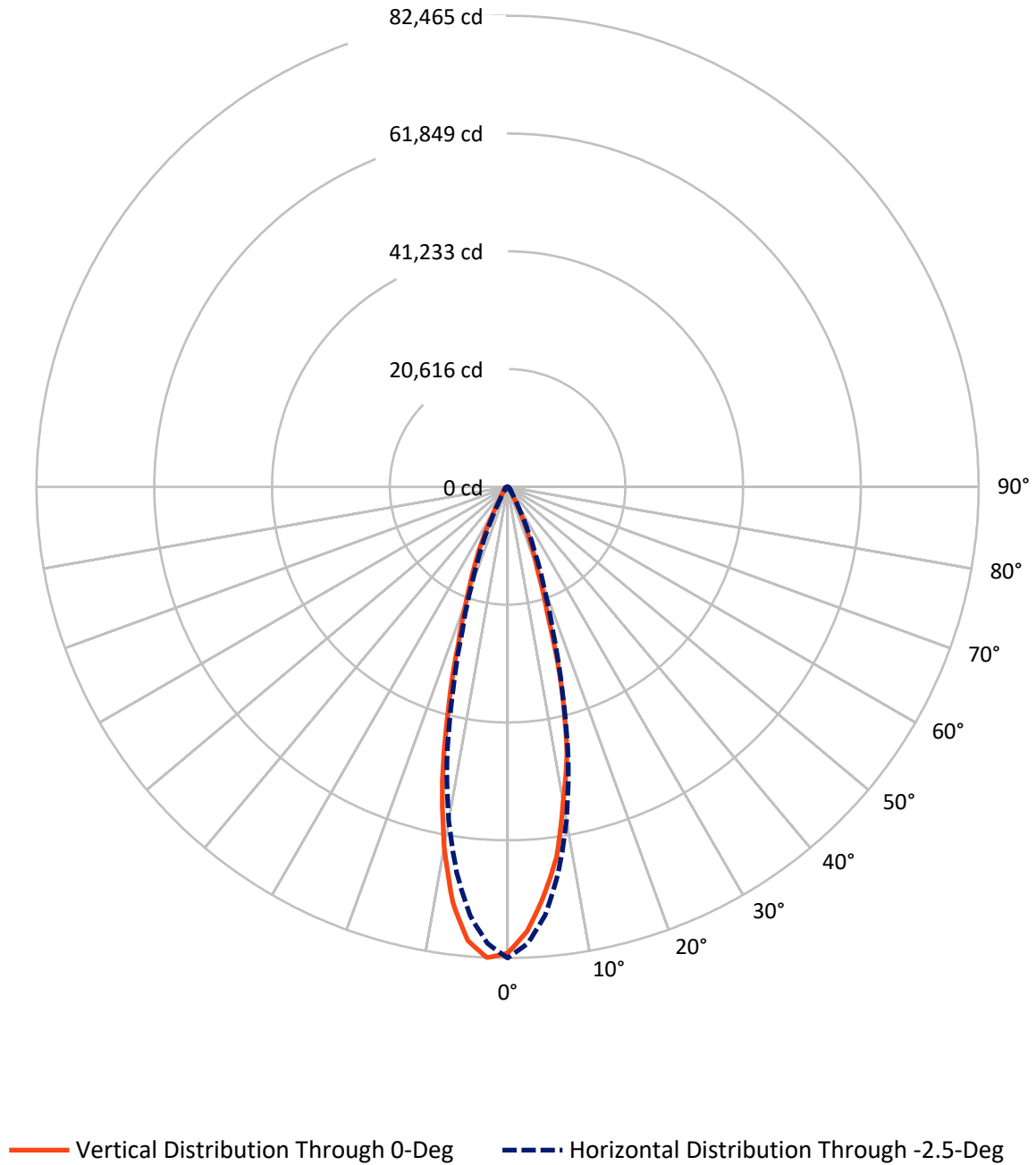
Scaled Data Report



REPORT NUMBER: P627414 (CONVERTED FROM TYPE C PHOTOMETRY)

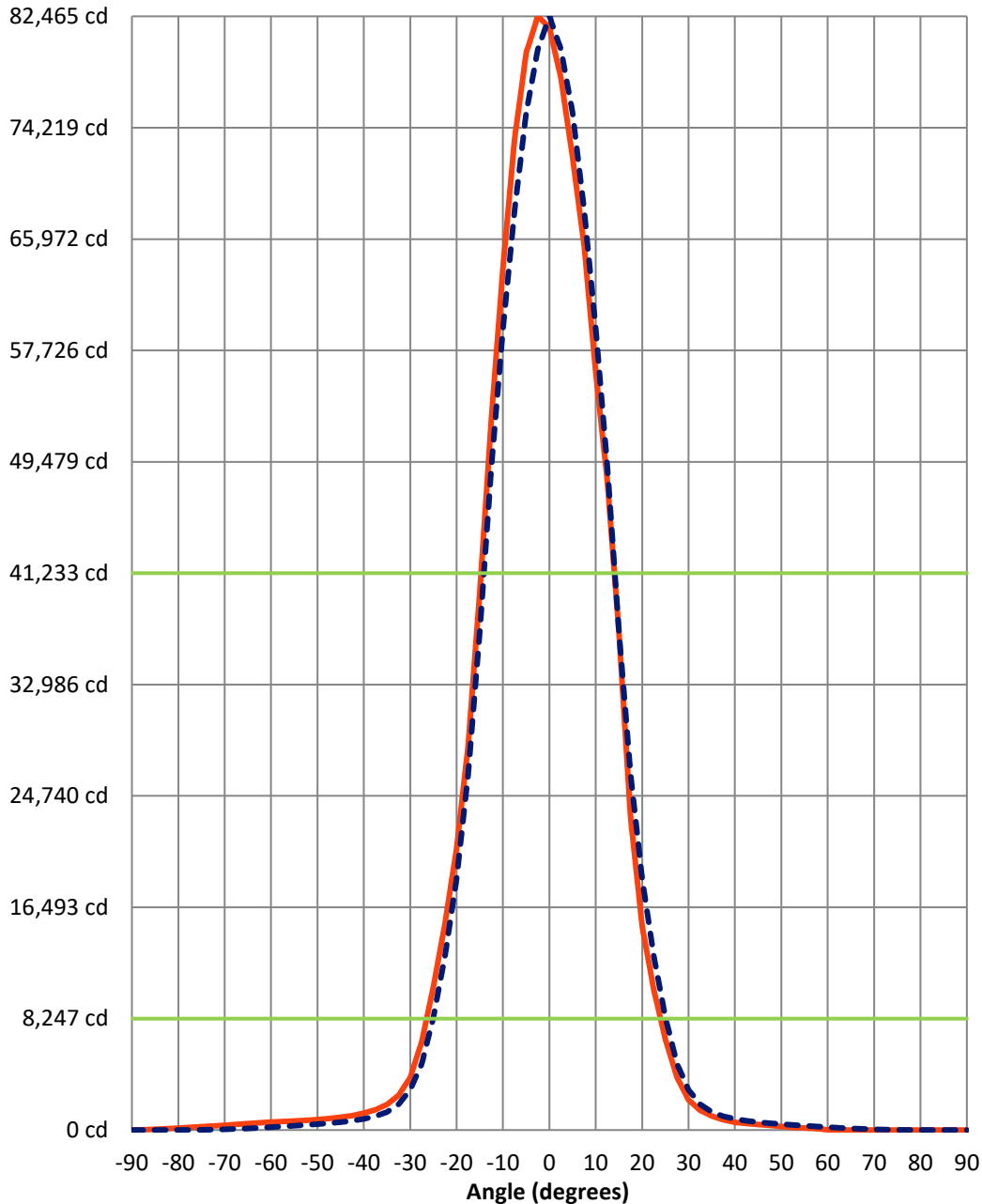
CATALOG NUMBER: GFLD-SA4C-750-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 28.2°
V Angle: 28.7°
Lumens: 11694.7
Efficiency: 50.0%

Field:
H Angle: 50.2°
V Angle: 50.4°
Lumens: 20095.5
Efficiency: 85.9%

Spill:
Lumens: 3293.5
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	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	2	4	4	2
50°	0	0	0	0	0	1	1	3	5	4	4
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	4	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	8	17
35°	0	0	0	0	1	4	5	5	8	13	22
32.5°	0	0	0	0	2	4	5	5	10	17	28
30°	0	0	0	0	2	5	5	6	12	22	35
27.5°	0	0	0	0	3	5	5	7	15	26	41
25°	0	0	0	0	3	5	5	9	18	31	49
22.5°	0	0	0	0	4	5	5	11	22	37	58
20°	0	0	0	0	4	5	5	13	25	43	67
17.5°	0	0	0	0	4	5	5	15	28	49	75
15°	0	0	0	0	4	5	6	18	31	55	82
12.5°	0	0	0	0	5	5	7	20	34	60	89
10°	0	0	0	0	5	5	7	23	37	66	95
7.5°	0	0	0	0	5	5	8	25	40	71	101
5°	0	0	0	0	5	5	9	27	42	75	106
2.5°	0	0	0	0	5	5	10	29	45	80	110
0°	0	0	0	0	5	5	10	31	47	83	114
-2.5°	0	0	0	0	5	6	12	32	51	86	118
-5°	0	0	0	1	5	6	14	32	55	88	120
-7.5°	0	0	0	1	5	7	16	33	59	90	122
-10°	0	0	0	1	5	7	18	33	62	92	124
-12.5°	0	0	0	2	5	8	19	33	63	93	126
-15°	0	0	0	2	5	8	20	33	64	95	129
-17.5°	0	0	0	2	5	8	21	34	63	95	130
-20°	0	0	0	2	5	8	21	36	62	95	130

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CATALOG NUMBER: GFLD-SA4C-750-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	61	94	128
-25°	0	0	0	2	5	9	22	38	59	92	125
-27.5°	0	0	0	2	5	10	22	39	57	89	122
-30°	0	0	0	2	5	10	21	39	57	86	118
-32.5°	0	0	0	2	6	10	21	38	57	83	113
-35°	0	0	0	2	6	11	21	38	56	80	107
-37.5°	0	0	0	2	7	11	21	37	55	76	105
-40°	0	0	0	1	7	11	21	36	53	74	102
-42.5°	0	0	0	1	7	11	20	34	51	72	98
-45°	0	0	0	1	6	11	20	33	49	68	94
-47.5°	0	0	0	1	6	11	18	31	47	64	89
-50°	0	0	0	1	6	11	18	29	44	61	83
-52.5°	0	0	0	1	5	11	17	27	41	57	76
-55°	0	0	0	1	5	10	16	25	38	53	70
-57.5°	0	0	0	1	4	9	15	23	34	48	64
-60°	0	0	0	1	4	9	13	21	30	43	57
-62.5°	0	0	0	1	4	8	13	19	28	38	51
-65°	0	0	0	1	4	7	12	17	25	34	45
-67.5°	0	0	0	1	3	6	11	15	21	30	39
-70°	0	0	0	1	3	6	10	14	19	25	34
-72.5°	0	0	0	1	3	5	9	12	16	22	28
-75°	0	0	0	1	2	5	8	10	13	17	23
-77.5°	0	0	0	1	2	4	6	8	10	13	17
-80°	0	0	0	1	2	3	5	6	8	10	12
-82.5°	0	0	0	0	1	2	4	5	5	7	8
-85°	0	0	0	0	1	2	3	3	4	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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REPORT NUMBER: P627414 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-750-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	11
57.5°	1	1	2	3	4	6	8	10	16	24	29
55°	2	3	4	4	8	12	17	26	35	45	55
52.5°	3	5	5	8	15	23	33	46	59	69	78
50°	5	6	7	17	26	38	54	71	83	93	107
47.5°	7	8	16	27	40	58	79	93	105	124	145
45°	10	15	25	39	57	82	100	114	134	156	178
42.5°	14	23	37	52	80	103	121	141	162	187	211
40°	20	31	50	73	102	124	146	168	191	220	245
37.5°	27	43	64	93	122	147	172	198	225	255	285
35°	33	55	81	111	141	171	199	228	262	296	329
32.5°	42	67	96	128	160	194	225	263	298	334	376
30°	53	80	110	145	179	215	255	296	331	372	417
27.5°	65	92	125	161	196	235	283	325	363	407	456
25°	76	105	140	176	214	259	310	352	393	442	499
22.5°	86	117	155	189	231	283	335	383	429	477	544
20°	97	131	170	207	248	305	360	414	468	529	604
17.5°	106	143	185	226	271	328	386	445	506	580	673
15°	116	155	199	243	293	350	411	476	547	634	740
12.5°	124	166	213	259	311	371	434	502	583	687	820
10°	132	175	226	274	328	389	453	524	611	724	879
7.5°	139	184	238	288	342	405	470	543	635	754	926
5°	146	193	247	298	353	417	484	559	654	779	964
2.5°	151	201	254	305	362	425	492	570	667	801	993
0°	156	208	260	311	369	431	498	576	675	820	1012
-2.5°	161	215	266	318	376	436	504	582	684	826	1017
-5°	165	220	270	323	381	440	507	585	688	827	1020
-7.5°	167	224	274	326	385	443	510	588	691	825	1019
-10°	169	226	276	329	388	446	510	587	687	817	1002
-12.5°	172	227	278	331	389	447	508	582	677	801	970
-15°	174	227	278	330	388	446	504	573	662	780	928
-17.5°	175	226	276	327	385	444	498	564	648	758	899
-20°	175	225	274	323	380	438	493	557	635	733	858

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CATALOG NUMBER: GFLD-SA4C-750-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°	174	223	270	318	373	430	486	546	618	700	813
-25°	171	220	266	314	365	420	476	531	600	679	775
-27.5°	167	216	262	308	357	408	463	518	580	652	735
-30°	160	210	255	301	349	397	448	502	558	626	701
-32.5°	153	203	247	292	339	386	432	484	539	596	665
-35°	146	193	238	281	329	374	417	463	516	571	628
-37.5°	142	184	228	269	314	359	400	443	491	544	596
-40°	136	174	218	258	298	343	384	422	465	517	567
-42.5°	130	167	206	246	285	325	367	404	444	491	538
-45°	124	159	195	234	272	308	347	386	425	467	511
-47.5°	118	151	186	220	257	294	327	365	406	444	484
-50°	110	141	173	205	240	277	312	345	381	420	459
-52.5°	101	131	161	190	223	257	293	327	358	391	428
-55°	91	119	147	175	204	236	270	304	337	367	399
-57.5°	83	106	132	159	186	213	246	278	310	341	373
-60°	74	93	117	142	169	194	221	251	282	311	340
-62.5°	65	83	102	124	149	174	199	226	253	278	303
-65°	58	71	88	107	128	150	174	199	224	244	264
-67.5°	49	61	75	90	109	127	146	168	190	209	227
-70°	42	51	62	75	90	105	122	139	156	173	191
-72.5°	36	43	51	60	72	86	100	113	128	143	157
-75°	29	35	42	49	58	69	80	93	104	116	127
-77.5°	22	28	33	39	45	53	62	72	82	91	101
-80°	16	20	25	30	35	40	46	52	59	66	74
-82.5°	11	14	18	21	24	27	30	34	39	44	50
-85°	6	8	10	13	14	16	17	19	22	25	29
-87.5°	3	4	5	6	6	7	7	7	9	10	11
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA4C-750-U-MR-VSR-XX

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°	2	2	4	5	6	6	7	7	7	7	7
60°	13	13	20	24	23	18	26	29	28	24	24
57.5°	36	45	52	55	61	72	76	74	75	79	88
55°	64	71	76	86	97	107	115	120	126	133	141
52.5°	87	99	107	118	132	140	144	159	171	181	187
50°	123	136	150	164	178	190	200	215	232	250	261
47.5°	162	178	196	217	232	244	257	277	300	321	335
45°	198	217	239	259	276	292	313	337	361	382	398
42.5°	230	251	274	298	313	339	367	392	421	448	469
40°	268	288	322	346	366	394	435	471	506	539	560
37.5°	313	347	383	412	440	474	531	587	632	676	707
35°	366	407	453	484	526	590	660	737	815	877	933
32.5°	416	462	508	559	622	713	802	926	1040	1157	1268
30°	462	513	570	635	737	863	1008	1197	1403	1607	1841
27.5°	510	567	634	738	892	1064	1331	1629	2054	2396	2948
25°	563	627	718	883	1097	1398	1866	2397	3277	4028	4875
22.5°	626	724	853	1061	1417	1960	2687	3846	5196	6450	7646
20°	704	837	1058	1389	1899	2734	4113	5870	7748	9583	11357
17.5°	807	1018	1334	1804	2528	4283	6335	8846	12061	14476	16766
15°	902	1168	1646	2407	3770	6028	8895	12741	17069	20709	24825
12.5°	1013	1335	1911	2898	4846	7831	11486	16073	21195	26719	33168
10°	1110	1506	2247	3606	5969	9443	13539	18922	25502	33318	41468
7.5°	1185	1649	2527	4137	6915	10765	15651	22199	30531	39667	48962
5°	1243	1759	2748	4553	7719	11838	17192	24791	34289	44775	54017
2.5°	1289	1837	2894	4808	8263	12572	18246	26169	36588	48110	57814
0°	1324	1885	2975	4990	8515	12919	18734	26725	37665	49743	59723
-2.5°	1336	1910	2979	4927	8362	12898	18620	26384	36922	49094	59317
-5°	1341	1897	2904	4796	8089	12435	17874	25088	34652	46070	56430
-7.5°	1331	1846	2752	4475	7478	11618	16833	23165	31005	41071	51779
-10°	1295	1758	2545	4039	6635	10344	15212	20562	26825	35043	43720
-12.5°	1230	1625	2261	3386	5644	8901	13213	17942	22823	28223	35361
-15°	1153	1490	2028	2990	4726	7386	10878	14872	18923	23058	27412
-17.5°	1094	1372	1790	2461	3628	5779	8571	11781	15068	18352	21284
-20°	1019	1231	1558	2080	2927	4200	6300	8798	11253	13931	16179

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627414 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-750-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°	952	1133	1377	1706	2276	3172	4369	6127	7993	9938	11783
-25°	889	1025	1219	1484	1824	2357	3148	4067	5376	6573	7943
-27.5°	836	950	1082	1277	1535	1827	2312	2849	3536	4106	5021
-30°	785	876	985	1110	1299	1522	1782	2108	2443	2780	3219
-32.5°	737	813	898	1000	1117	1284	1446	1654	1838	2041	2249
-35°	690	758	828	908	998	1108	1230	1368	1490	1612	1722
-37.5°	649	706	768	831	903	979	1075	1172	1255	1334	1402
-40°	615	662	713	766	824	886	960	1032	1087	1139	1182
-42.5°	584	626	666	711	759	815	873	928	966	1001	1030
-45°	554	590	627	664	703	752	802	845	875	901	922
-47.5°	522	555	588	622	660	699	739	771	797	820	836
-50°	492	524	554	582	615	650	685	712	735	755	766
-52.5°	462	492	522	551	579	606	633	659	682	703	711
-55°	432	462	489	516	543	569	593	616	637	657	663
-57.5°	403	434	463	484	507	530	554	576	596	614	621
-60°	370	401	426	448	469	491	512	532	552	569	577
-62.5°	331	359	382	403	423	442	460	479	496	511	519
-65°	285	309	332	352	370	387	404	421	436	447	454
-67.5°	245	263	282	300	318	335	350	365	378	388	394
-70°	207	223	239	256	272	287	301	313	326	334	341
-72.5°	171	186	201	216	230	243	254	265	276	284	290
-75°	139	151	164	177	189	200	209	218	227	233	239
-77.5°	111	120	129	138	148	156	164	171	178	184	188
-80°	82	89	97	104	110	116	122	128	133	138	142
-82.5°	55	61	67	72	78	81	84	87	90	93	97
-85°	32	35	39	42	46	48	50	53	55	57	59
-87.5°	13	14	16	17	19	19	20	20	20	22	23
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627414 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-750-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°	23	21	21	21	21	21	23	24	24	28	29
57.5°	97	104	108	109	108	104	97	88	79	75	74
55°	147	152	153	151	153	152	147	141	133	126	120
52.5°	190	191	190	187	190	191	190	187	181	171	159
50°	264	263	263	265	263	263	264	261	250	232	215
47.5°	340	343	345	343	345	343	340	335	321	300	277
45°	406	411	412	410	412	411	406	398	382	361	337
42.5°	477	480	481	483	481	480	477	469	448	421	392
40°	570	574	573	571	573	574	570	560	539	506	471
37.5°	728	739	745	758	745	739	728	707	676	632	587
35°	975	1002	1016	1039	1016	1002	975	933	877	815	737
32.5°	1347	1402	1430	1459	1430	1402	1347	1268	1157	1040	926
30°	2003	2110	2153	2233	2153	2110	2003	1841	1607	1403	1197
27.5°	3352	3606	3706	3915	3706	3606	3352	2948	2396	2054	1629
25°	5646	6194	6496	6735	6496	6194	5646	4875	4028	3277	2397
22.5°	8853	9655	10084	10400	10084	9655	8853	7646	6450	5196	3846
20°	12966	14025	14656	15115	14656	14025	12966	11357	9583	7748	5870
17.5°	19705	21370	22343	23179	22343	21370	19705	16766	14476	12061	8846
15°	29418	32762	35361	36809	35361	32762	29418	24825	20709	17069	12741
12.5°	38867	43765	46675	48014	46675	43765	38867	33168	26719	21195	16073
10°	48212	52830	55599	56088	55599	52830	48212	41468	33318	25502	18922
7.5°	55366	60445	64124	65460	64124	60445	55366	48962	39667	30531	22199
5°	61685	67631	71525	72018	71525	67631	61685	54017	44775	34289	24791
2.5°	66332	72797	76572	77870	76572	72797	66332	57814	48110	36588	26169
0°	68581	75544	79744	81635	79744	75544	68581	59723	49743	37665	26725
-2.5°	68108	75310	79998	82465	79998	75310	68108	59317	49094	36922	26384
-5°	65518	72741	77113	79734	77113	72741	65518	56430	46070	34652	25088
-7.5°	59546	66301	70955	73373	70955	66301	59546	51779	41071	31005	23165
-10°	51851	57568	61810	63871	61810	57568	51851	43720	35043	26825	20562
-12.5°	41852	47397	51224	52682	51224	47397	41852	35361	28223	22823	17942
-15°	32066	36298	39017	39877	39017	36298	32066	27412	23058	18923	14872
-17.5°	24318	26596	28125	28537	28125	26596	24318	21284	18352	15068	11781
-20°	18218	19630	20623	20858	20623	19630	18218	16179	13931	11253	8798

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REPORT NUMBER: P627414 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-750-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°	13274	14336	15137	15297	15137	14336	13274	11783	9938	7993	6127
-25°	9157	10044	10588	10629	10588	10044	9157	7943	6573	5376	4067
-27.5°	5741	6228	6480	6568	6480	6228	5741	5021	4106	3536	2849
-30°	3547	3772	3890	3894	3890	3772	3547	3219	2780	2443	2108
-32.5°	2408	2517	2576	2575	2576	2517	2408	2249	2041	1838	1654
-35°	1804	1860	1892	1895	1892	1860	1804	1722	1612	1490	1368
-37.5°	1451	1482	1498	1501	1498	1482	1451	1402	1334	1255	1172
-40°	1213	1234	1248	1257	1248	1234	1213	1182	1139	1087	1032
-42.5°	1049	1063	1069	1064	1069	1063	1049	1030	1001	966	928
-45°	934	943	948	950	948	943	934	922	901	875	845
-47.5°	843	847	850	852	850	847	843	836	820	797	771
-50°	772	775	776	774	776	775	772	766	755	735	712
-52.5°	714	715	716	717	716	715	714	711	703	682	659
-55°	666	668	669	670	669	668	666	663	657	637	616
-57.5°	626	631	631	628	631	631	626	621	614	596	576
-60°	584	589	591	592	591	589	584	577	569	552	532
-62.5°	526	531	534	535	534	531	526	519	511	496	479
-65°	460	465	471	478	471	465	460	454	447	436	421
-67.5°	399	403	409	415	409	403	399	394	388	378	365
-70°	346	351	353	353	353	351	346	341	334	326	313
-72.5°	295	300	301	301	301	300	295	290	284	276	265
-75°	244	248	249	249	249	248	244	239	233	227	218
-77.5°	192	196	197	197	197	196	192	188	184	178	171
-80°	146	150	148	145	148	150	146	142	138	133	128
-82.5°	100	103	101	99	101	103	100	97	93	90	87
-85°	60	62	60	57	60	62	60	59	57	55	53
-87.5°	24	26	23	21	23	26	24	23	22	20	20
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627414 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-750-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	2	2	1	0	1
60°	26	18	23	24	20	13	13	11	5	5	4
57.5°	76	72	61	55	52	45	36	29	24	16	10
55°	115	107	97	86	76	71	64	55	45	35	26
52.5°	144	140	132	118	107	99	87	78	69	59	46
50°	200	190	178	164	150	136	123	107	93	83	71
47.5°	257	244	232	217	196	178	162	145	124	105	93
45°	313	292	276	259	239	217	198	178	156	134	114
42.5°	367	339	313	298	274	251	230	211	187	162	141
40°	435	394	366	346	322	288	268	245	220	191	168
37.5°	531	474	440	412	383	347	313	285	255	225	198
35°	660	590	526	484	453	407	366	329	296	262	228
32.5°	802	713	622	559	508	462	416	376	334	298	263
30°	1008	863	737	635	570	513	462	417	372	331	296
27.5°	1331	1064	892	738	634	567	510	456	407	363	325
25°	1866	1398	1097	883	718	627	563	499	442	393	352
22.5°	2687	1960	1417	1061	853	724	626	544	477	429	383
20°	4113	2734	1899	1389	1058	837	704	604	529	468	414
17.5°	6335	4283	2528	1804	1334	1018	807	673	580	506	445
15°	8895	6028	3770	2407	1646	1168	902	740	634	547	476
12.5°	11486	7831	4846	2898	1911	1335	1013	820	687	583	502
10°	13539	9443	5969	3606	2247	1506	1110	879	724	611	524
7.5°	15651	10765	6915	4137	2527	1649	1185	926	754	635	543
5°	17192	11838	7719	4553	2748	1759	1243	964	779	654	559
2.5°	18246	12572	8263	4808	2894	1837	1289	993	801	667	570
0°	18734	12919	8515	4990	2975	1885	1324	1012	820	675	576
-2.5°	18620	12898	8362	4927	2979	1910	1336	1017	826	684	582
-5°	17874	12435	8089	4796	2904	1897	1341	1020	827	688	585
-7.5°	16833	11618	7478	4475	2752	1846	1331	1019	825	691	588
-10°	15212	10344	6635	4039	2545	1758	1295	1002	817	687	587
-12.5°	13213	8901	5644	3386	2261	1625	1230	970	801	677	582
-15°	10878	7386	4726	2990	2028	1490	1153	928	780	662	573
-17.5°	8571	5779	3628	2461	1790	1372	1094	899	758	648	564
-20°	6300	4200	2927	2080	1558	1231	1019	858	733	635	557

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REPORT NUMBER: P627414 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-750-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°	4369	3172	2276	1706	1377	1133	952	813	700	618	546
-25°	3148	2357	1824	1484	1219	1025	889	775	679	600	531
-27.5°	2312	1827	1535	1277	1082	950	836	735	652	580	518
-30°	1782	1522	1299	1110	985	876	785	701	626	558	502
-32.5°	1446	1284	1117	1000	898	813	737	665	596	539	484
-35°	1230	1108	998	908	828	758	690	628	571	516	463
-37.5°	1075	979	903	831	768	706	649	596	544	491	443
-40°	960	886	824	766	713	662	615	567	517	465	422
-42.5°	873	815	759	711	666	626	584	538	491	444	404
-45°	802	752	703	664	627	590	554	511	467	425	386
-47.5°	739	699	660	622	588	555	522	484	444	406	365
-50°	685	650	615	582	554	524	492	459	420	381	345
-52.5°	633	606	579	551	522	492	462	428	391	358	327
-55°	593	569	543	516	489	462	432	399	367	337	304
-57.5°	554	530	507	484	463	434	403	373	341	310	278
-60°	512	491	469	448	426	401	370	340	311	282	251
-62.5°	460	442	423	403	382	359	331	303	278	253	226
-65°	404	387	370	352	332	309	285	264	244	224	199
-67.5°	350	335	318	300	282	263	245	227	209	190	168
-70°	301	287	272	256	239	223	207	191	173	156	139
-72.5°	254	243	230	216	201	186	171	157	143	128	113
-75°	209	200	189	177	164	151	139	127	116	104	93
-77.5°	164	156	148	138	129	120	111	101	91	82	72
-80°	122	116	110	104	97	89	82	74	66	59	52
-82.5°	84	81	78	72	67	61	55	50	44	39	34
-85°	50	48	46	42	39	35	32	29	25	22	19
-87.5°	20	19	19	17	16	14	13	11	10	9	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627414 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-750-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°	17	12	8	4	4	3	2	2	3	2	0
52.5°	33	23	15	8	5	5	3	2	4	4	2
50°	54	38	26	17	7	6	5	4	4	5	3
47.5°	79	58	40	27	16	8	7	4	4	5	4
45°	100	82	57	39	25	15	10	5	5	5	5
42.5°	121	103	80	52	37	23	14	8	5	5	5
40°	146	124	102	73	50	31	20	12	5	5	5
37.5°	172	147	122	93	64	43	27	17	8	6	5
35°	199	171	141	111	81	55	33	22	13	8	5
32.5°	225	194	160	128	96	67	42	28	17	10	5
30°	255	215	179	145	110	80	53	35	22	12	6
27.5°	283	235	196	161	125	92	65	41	26	15	7
25°	310	259	214	176	140	105	76	49	31	18	9
22.5°	335	283	231	189	155	117	86	58	37	22	11
20°	360	305	248	207	170	131	97	67	43	25	13
17.5°	386	328	271	226	185	143	106	75	49	28	15
15°	411	350	293	243	199	155	116	82	55	31	18
12.5°	434	371	311	259	213	166	124	89	60	34	20
10°	453	389	328	274	226	175	132	95	66	37	23
7.5°	470	405	342	288	238	184	139	101	71	40	25
5°	484	417	353	298	247	193	146	106	75	42	27
2.5°	492	425	362	305	254	201	151	110	80	45	29
0°	498	431	369	311	260	208	156	114	83	47	31
-2.5°	504	436	376	318	266	215	161	118	86	51	32
-5°	507	440	381	323	270	220	165	120	88	55	32
-7.5°	510	443	385	326	274	224	167	122	90	59	33
-10°	510	446	388	329	276	226	169	124	92	62	33
-12.5°	508	447	389	331	278	227	172	126	93	63	33
-15°	504	446	388	330	278	227	174	129	95	64	33
-17.5°	498	444	385	327	276	226	175	130	95	63	34
-20°	493	438	380	323	274	225	175	130	95	62	36

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REPORT NUMBER: P627414 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-750-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°	486	430	373	318	270	223	174	128	94	61	37
-25°	476	420	365	314	266	220	171	125	92	59	38
-27.5°	463	408	357	308	262	216	167	122	89	57	39
-30°	448	397	349	301	255	210	160	118	86	57	39
-32.5°	432	386	339	292	247	203	153	113	83	57	38
-35°	417	374	329	281	238	193	146	107	80	56	38
-37.5°	400	359	314	269	228	184	142	105	76	55	37
-40°	384	343	298	258	218	174	136	102	74	53	36
-42.5°	367	325	285	246	206	167	130	98	72	51	34
-45°	347	308	272	234	195	159	124	94	68	49	33
-47.5°	327	294	257	220	186	151	118	89	64	47	31
-50°	312	277	240	205	173	141	110	83	61	44	29
-52.5°	293	257	223	190	161	131	101	76	57	41	27
-55°	270	236	204	175	147	119	91	70	53	38	25
-57.5°	246	213	186	159	132	106	83	64	48	34	23
-60°	221	194	169	142	117	93	74	57	43	30	21
-62.5°	199	174	149	124	102	83	65	51	38	28	19
-65°	174	150	128	107	88	71	58	45	34	25	17
-67.5°	146	127	109	90	75	61	49	39	30	21	15
-70°	122	105	90	75	62	51	42	34	25	19	14
-72.5°	100	86	72	60	51	43	36	28	22	16	12
-75°	80	69	58	49	42	35	29	23	17	13	10
-77.5°	62	53	45	39	33	28	22	17	13	10	8
-80°	46	40	35	30	25	20	16	12	10	8	6
-82.5°	30	27	24	21	18	14	11	8	7	5	5
-85°	17	16	14	13	10	8	6	4	4	4	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: P627414 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-750-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°	4	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°	10	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°	18	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°	21	8	5	2	0	0	0
-20°	21	8	5	2	0	0	0

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REPORT NUMBER: P627414 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-750-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°	22	9	5	2	0	0	0
-27.5°	22	10	5	2	0	0	0
-30°	21	10	5	2	0	0	0
-32.5°	21	10	6	2	0	0	0
-35°	21	11	6	2	0	0	0
-37.5°	21	11	7	2	0	0	0
-40°	21	11	7	1	0	0	0
-42.5°	20	11	7	1	0	0	0
-45°	20	11	6	1	0	0	0
-47.5°	18	11	6	1	0	0	0
-50°	18	11	6	1	0	0	0
-52.5°	17	11	5	1	0	0	0
-55°	16	10	5	1	0	0	0
-57.5°	15	9	4	1	0	0	0
-60°	13	9	4	1	0	0	0
-62.5°	13	8	4	1	0	0	0
-65°	12	7	4	1	0	0	0
-67.5°	11	6	3	1	0	0	0
-70°	10	6	3	1	0	0	0
-72.5°	9	5	3	1	0	0	0
-75°	8	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)