

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: P627304 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627304 (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-SA4B-722-U-MR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

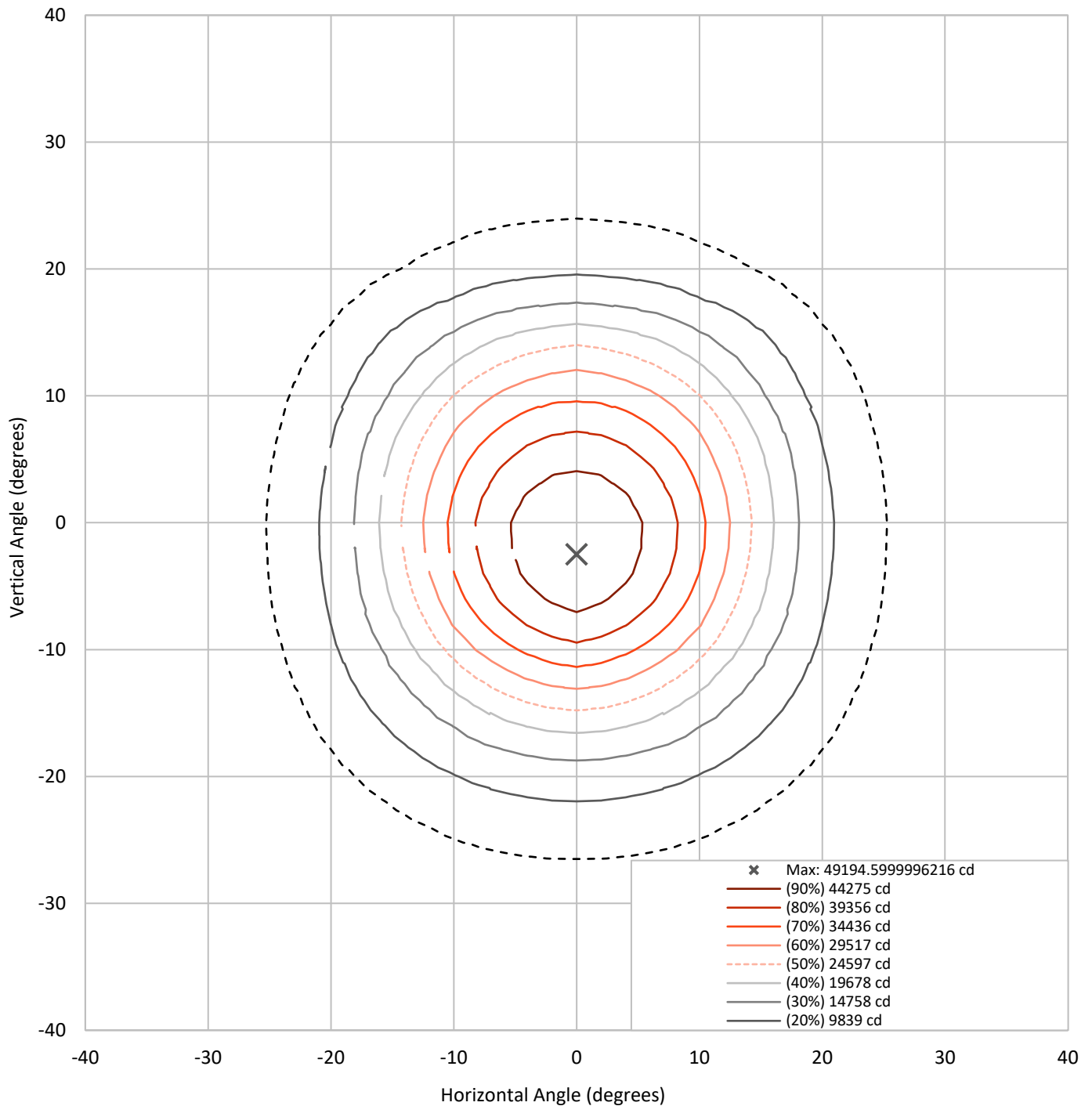
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	13952.7 lumens	Max Intensity:	49194.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	107.7 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:	6976.5 lumens	Field Lumens:	11987.9 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	129.5		
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: P627304 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-722-U-MR-VSR-XX

Iso-Candela Plot





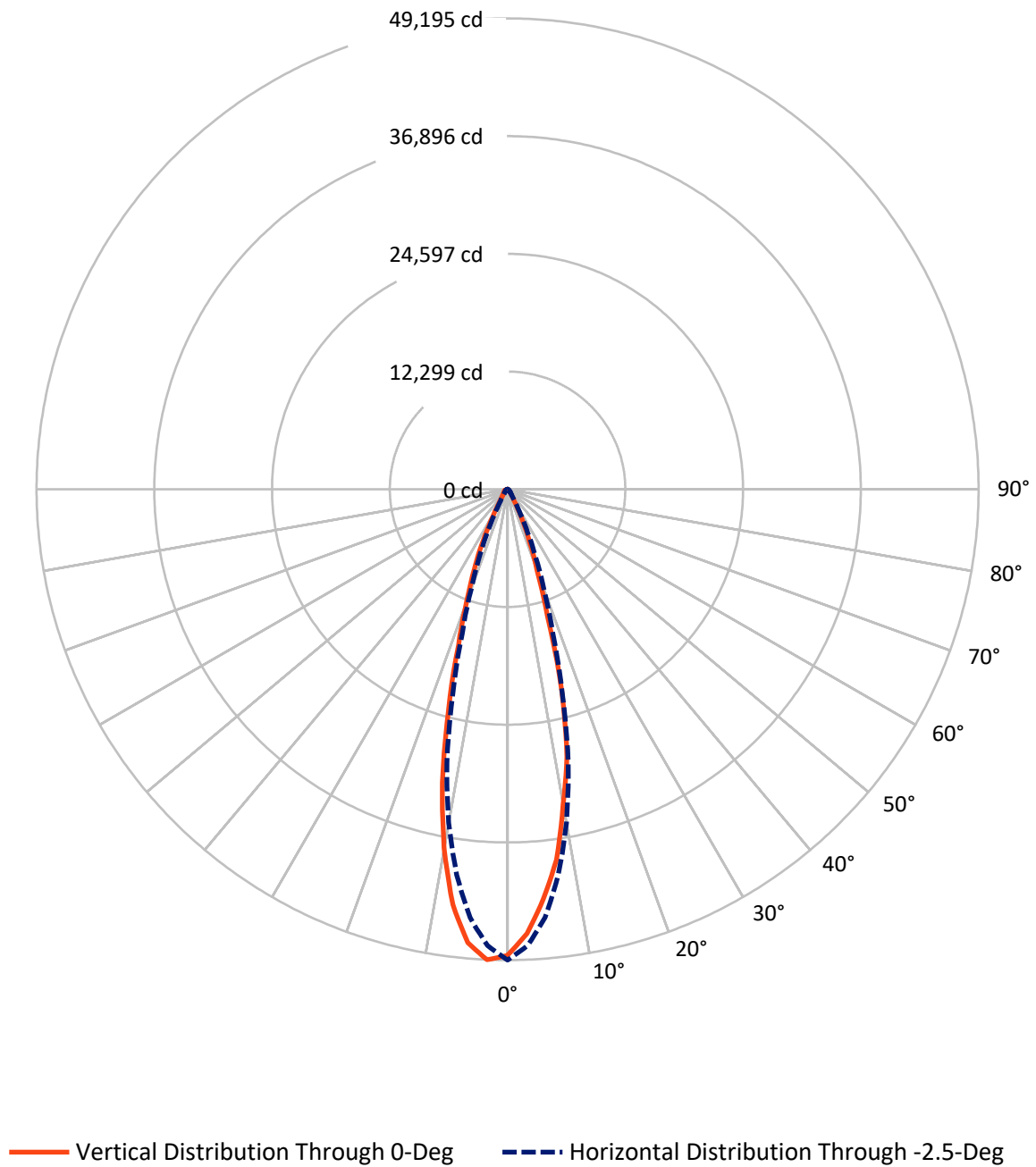
REPORT NUMBER: P627304 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.4	1.0	1.6	2.2	2.6	2.6	2.2	1.6	1.0	0.4	0.1		0.0			
40	0.0	0.1	0.5	1.5	2.9	4.5	6.3	7.4	7.4	6.3	4.5	2.9	1.5	0.5	0.1	0.0			
30		0.2	1.2	3.0	5.5	9.0	15.1	20.1	20.1	15.1	9.0	5.5	3.0	1.2	0.2				
20	0.1	0.4	1.9	4.6	8.7	21.1	66.2	121.5	121.5	66.2	21.1	8.7	4.6	1.9	0.4	0.1			
10		0.7	2.6	6.2	14.8	72.7	295.5	578.6	578.6	295.5	72.7	14.8	6.2	2.6	0.7				
0	0.2	0.9	3.2	7.4	21.3	138.5	596.6	1169.4	1169.4	596.6	138.5	21.3	7.4	3.2	0.9	0.2			
-10		1.0	3.4	7.8	22.8	145.1	612.2	1240.0	1240.0	612.2	145.1	22.8	7.8	3.4	1.0				
-20	0.3	1.1	3.5	7.6	18.7	89.1	338.5	656.2	656.2	338.5	89.1	18.7	7.6	3.5	1.1	0.3			
-30		1.0	3.3	6.9	13.7	34.6	104.8	187.1	187.1	104.8	34.6	13.7	6.9	3.3	1.0				
-40	0.3	0.9	3.0	6.0	10.4	17.1	27.9	37.3	37.3	27.9	17.1	10.4	6.0	3.0	0.9	0.3			
-50		0.8	2.5	5.0	8.2	11.8	15.5	17.4	17.4	15.5	11.8	8.2	5.0	2.5	0.8				
-60	0.2	0.6	1.8	3.9	6.4	8.9	11.2	12.2	12.2	11.2	8.9	6.4	3.9	1.8	0.6	0.2			
-70		0.4	1.2	2.5	4.3	6.1	7.6	8.4	8.4	7.6	6.1	4.3	2.5	1.2	0.4				
-80	0.1	0.9	4.1	8.9	11.3	8.9	4.1	0.9	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

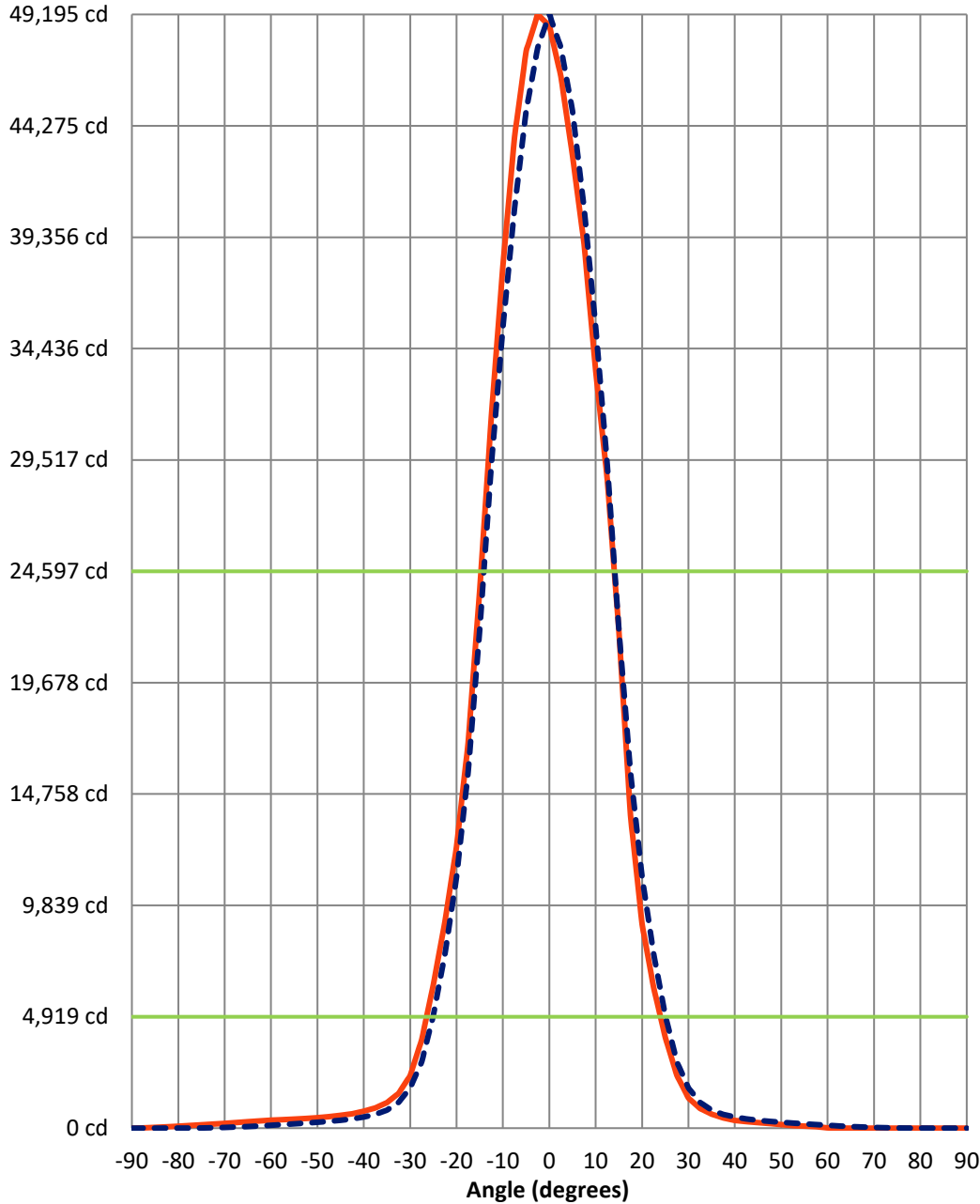
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 6976.5
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 11987.9
 Efficiency: 85.9%

Spill:
 Lumens: 1964.7
 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	0
60°	0	0	0	0	0	0	0	0	0	1	1
57.5°	0	0	0	0	0	0	0	0	1	1	1
55°	0	0	0	0	0	0	0	0	1	2	1
52.5°	0	0	0	0	0	0	1	1	2	2	1
50°	0	0	0	0	0	0	1	2	3	2	2
47.5°	0	0	0	0	0	1	1	2	3	2	3
45°	0	0	0	0	0	1	2	3	3	3	3
42.5°	0	0	0	0	0	1	2	3	3	3	5
40°	0	0	0	0	0	2	2	3	3	3	7
37.5°	0	0	0	0	0	2	3	3	4	5	10
35°	0	0	0	0	1	2	3	3	5	7	13
32.5°	0	0	0	0	1	3	3	3	6	10	17
30°	0	0	0	0	1	3	3	3	7	13	21
27.5°	0	0	0	0	2	3	3	4	9	16	25
25°	0	0	0	0	2	3	3	5	11	19	29
22.5°	0	0	0	0	2	3	3	7	13	22	35
20°	0	0	0	0	2	3	3	8	15	26	40
17.5°	0	0	0	0	3	3	3	9	17	29	45
15°	0	0	0	0	3	3	4	10	19	33	49
12.5°	0	0	0	0	3	3	4	12	20	36	53
10°	0	0	0	0	3	3	4	14	22	39	57
7.5°	0	0	0	0	3	3	5	15	24	42	60
5°	0	0	0	0	3	3	5	16	25	45	63
2.5°	0	0	0	0	3	3	6	18	27	47	66
0°	0	0	0	0	3	3	6	19	28	50	68
-2.5°	0	0	0	0	3	3	7	19	31	51	70
-5°	0	0	0	0	3	4	9	19	33	53	72
-7.5°	0	0	0	1	3	4	10	19	35	54	73
-10°	0	0	0	1	3	4	11	20	37	55	74
-12.5°	0	0	0	1	3	5	11	20	38	56	75
-15°	0	0	0	1	3	5	12	20	38	56	77
-17.5°	0	0	0	1	3	5	12	21	38	57	78
-20°	0	0	0	1	3	5	13	22	37	57	77

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REPORT NUMBER: P627304 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-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	1	3	5	13	22	36	56	76
-25°	0	0	0	1	3	5	13	23	35	55	74
-27.5°	0	0	0	1	3	6	13	23	34	53	73
-30°	0	0	0	1	3	6	13	23	34	51	71
-32.5°	0	0	0	1	3	6	13	23	34	49	68
-35°	0	0	0	1	4	6	13	23	33	48	64
-37.5°	0	0	0	1	4	6	13	22	33	46	63
-40°	0	0	0	1	4	7	12	21	32	44	61
-42.5°	0	0	0	1	4	7	12	20	30	43	59
-45°	0	0	0	1	4	7	12	20	29	41	56
-47.5°	0	0	0	0	4	7	11	19	28	38	53
-50°	0	0	0	0	3	7	11	18	26	36	49
-52.5°	0	0	0	1	3	6	10	16	25	34	45
-55°	0	0	0	1	3	6	10	15	23	31	42
-57.5°	0	0	0	1	3	6	9	14	20	29	38
-60°	0	0	0	1	2	5	8	12	18	26	34
-62.5°	0	0	0	1	2	5	8	11	16	23	31
-65°	0	0	0	1	2	4	7	10	15	20	27
-67.5°	0	0	0	1	2	4	6	9	13	18	23
-70°	0	0	0	1	2	4	6	8	11	15	20
-72.5°	0	0	0	1	2	3	5	7	10	13	17
-75°	0	0	0	1	1	3	5	6	8	10	14
-77.5°	0	0	0	0	1	2	4	5	6	8	10
-80°	0	0	0	0	1	2	3	4	5	6	7
-82.5°	0	0	0	0	1	1	2	3	3	4	5
-85°	0	0	0	0	1	1	2	2	2	2	3
-87.5°	0	0	0	0	0	1	1	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627304 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-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	0	1	0	1	1
60°	0	0	0	1	1	1	2	3	3	3	6
57.5°	0	1	1	2	2	4	5	6	10	14	17
55°	1	2	2	3	4	7	10	15	21	27	33
52.5°	2	3	3	5	9	13	20	27	35	41	47
50°	3	4	4	10	15	23	32	42	49	55	64
47.5°	4	5	9	16	24	34	47	56	62	74	86
45°	6	9	15	24	34	49	60	68	80	93	106
42.5°	8	14	22	31	48	62	72	84	97	112	126
40°	12	19	30	44	61	74	87	100	114	131	146
37.5°	16	26	38	55	72	88	103	118	134	152	170
35°	20	33	48	66	84	102	119	136	156	176	196
32.5°	25	40	57	77	96	116	134	157	178	199	224
30°	32	48	66	87	107	128	152	177	198	222	249
27.5°	39	55	75	96	117	140	169	194	217	243	272
25°	45	63	83	105	128	154	185	210	234	264	298
22.5°	51	70	93	113	138	169	200	228	256	285	325
20°	58	78	101	123	148	182	215	247	279	315	360
17.5°	63	86	110	135	162	196	230	266	302	346	402
15°	69	92	119	145	175	209	245	284	326	378	442
12.5°	74	99	127	155	186	221	259	299	348	410	489
10°	79	105	135	164	196	232	271	313	365	432	524
7.5°	83	110	142	172	204	242	280	324	379	450	552
5°	87	115	147	178	211	249	289	334	390	464	575
2.5°	90	120	151	182	216	254	294	340	398	478	593
0°	93	124	155	186	220	257	297	344	403	489	604
-2.5°	96	128	158	190	224	260	301	347	408	493	607
-5°	98	131	161	193	227	262	303	349	411	493	608
-7.5°	100	133	163	195	229	264	304	351	412	492	608
-10°	101	135	165	197	231	266	304	350	410	487	598
-12.5°	103	135	166	197	232	266	303	347	404	478	578
-15°	104	135	166	197	231	266	301	342	395	466	553
-17.5°	104	135	165	195	230	265	297	336	386	452	536
-20°	104	134	163	192	227	261	294	332	379	437	512

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CATALOG NUMBER: GFLD-SA4B-722-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°	104	133	161	190	223	257	290	326	369	418	485
-25°	102	132	159	187	218	250	284	317	358	405	462
-27.5°	99	129	156	184	213	244	276	309	346	389	438
-30°	96	125	152	180	208	237	267	300	333	373	418
-32.5°	91	121	147	174	202	230	257	289	321	356	396
-35°	87	115	142	168	196	223	249	276	308	340	375
-37.5°	84	110	136	161	188	214	239	264	293	324	356
-40°	81	104	130	154	178	205	229	252	278	308	338
-42.5°	78	100	123	147	170	194	219	241	265	293	321
-45°	74	95	117	139	162	184	207	230	254	278	305
-47.5°	70	90	111	131	153	175	195	218	242	265	289
-50°	66	84	103	123	143	165	186	205	227	251	274
-52.5°	60	78	96	113	133	154	175	195	214	234	256
-55°	55	71	88	104	121	141	161	181	201	219	238
-57.5°	49	63	79	95	111	127	147	166	185	203	222
-60°	44	56	70	85	101	116	132	150	168	186	203
-62.5°	39	49	61	74	89	104	119	135	151	166	181
-65°	34	43	53	64	76	90	104	119	133	146	157
-67.5°	29	37	45	54	65	76	87	100	114	125	136
-70°	25	31	37	45	53	63	73	83	93	103	114
-72.5°	21	26	31	36	43	51	59	67	76	85	94
-75°	17	21	25	29	35	41	48	55	62	69	76
-77.5°	13	17	20	23	27	32	37	43	49	54	60
-80°	10	12	15	18	21	24	27	31	35	40	44
-82.5°	6	8	11	13	14	16	18	20	23	27	30
-85°	4	5	6	8	8	9	10	11	13	15	17
-87.5°	2	2	3	4	4	4	4	4	5	6	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627304 (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	1	2	3	4	4	4	4	4	4	4
60°	8	8	12	14	14	11	15	17	17	14	14
57.5°	22	27	31	33	37	43	45	44	45	47	53
55°	38	42	45	52	58	64	68	72	75	79	84
52.5°	52	59	64	70	79	84	86	95	102	108	112
50°	74	81	89	98	106	113	119	128	138	149	156
47.5°	97	106	117	129	138	145	153	165	179	192	200
45°	118	129	142	154	165	174	187	201	215	228	238
42.5°	137	150	164	178	187	202	219	234	251	268	280
40°	160	172	192	206	218	235	260	281	302	322	334
37.5°	187	207	229	246	262	283	317	350	377	403	422
35°	218	243	270	289	314	352	394	440	486	523	556
32.5°	248	276	303	334	371	425	478	552	620	690	756
30°	276	306	340	379	440	515	601	714	837	959	1098
27.5°	304	338	378	440	532	634	794	972	1226	1430	1758
25°	336	374	428	527	654	834	1113	1430	1955	2403	2908
22.5°	374	432	509	633	845	1169	1603	2294	3100	3848	4561
20°	420	499	631	828	1133	1631	2453	3502	4622	5717	6775
17.5°	482	607	796	1076	1508	2555	3779	5277	7195	8636	10002
15°	538	697	982	1436	2249	3596	5306	7601	10183	12354	14810
12.5°	604	797	1140	1729	2891	4672	6852	9588	12644	15939	19786
10°	662	898	1340	2151	3561	5633	8076	11288	15213	19876	24738
7.5°	707	984	1508	2468	4125	6422	9336	13243	18214	23663	29208
5°	742	1050	1639	2716	4605	7062	10256	14789	20455	26710	32224
2.5°	769	1096	1726	2868	4929	7500	10885	15611	21827	28700	34489
0°	790	1124	1775	2977	5080	7707	11176	15943	22469	29674	35627
-2.5°	797	1139	1777	2939	4988	7694	11108	15739	22026	29287	35386
-5°	800	1132	1732	2861	4826	7418	10663	14966	20672	27483	33663
-7.5°	794	1101	1641	2669	4461	6931	10042	13819	18496	24501	30889
-10°	773	1048	1518	2409	3958	6170	9075	12266	16002	20905	26081
-12.5°	734	970	1349	2020	3367	5310	7882	10703	13615	16837	21094
-15°	688	889	1210	1784	2819	4406	6489	8872	11288	13755	16353
-17.5°	652	818	1068	1468	2164	3448	5113	7028	8989	10948	12697
-20°	608	734	929	1241	1746	2506	3758	5248	6713	8311	9651

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627304 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-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°	568	676	822	1018	1358	1892	2606	3655	4768	5929	7029
-25°	530	612	727	885	1088	1406	1878	2426	3207	3921	4738
-27.5°	499	567	646	762	916	1090	1379	1700	2109	2449	2995
-30°	468	523	587	662	775	908	1063	1257	1458	1659	1920
-32.5°	439	485	536	597	666	766	862	987	1097	1217	1342
-35°	411	452	494	542	596	661	734	816	889	962	1027
-37.5°	387	421	458	496	539	584	641	699	748	796	836
-40°	367	395	426	457	492	528	573	615	649	679	705
-42.5°	348	373	397	424	453	486	521	553	576	597	614
-45°	331	352	374	396	419	449	478	504	522	538	550
-47.5°	312	331	351	371	394	417	441	460	476	489	499
-50°	293	313	330	347	367	388	409	425	439	451	457
-52.5°	275	294	312	329	345	362	378	393	407	420	424
-55°	258	276	292	308	324	339	354	367	380	392	395
-57.5°	240	259	276	289	302	316	330	343	356	366	370
-60°	221	239	254	267	280	293	305	317	329	340	344
-62.5°	197	214	228	240	252	264	275	285	296	305	310
-65°	170	184	198	210	221	231	241	251	260	267	271
-67.5°	146	157	168	179	190	200	209	218	226	231	235
-70°	123	133	143	153	162	171	179	187	194	199	203
-72.5°	102	111	120	129	137	145	152	158	165	169	173
-75°	83	90	98	105	113	119	125	130	135	139	142
-77.5°	66	71	77	83	88	93	98	102	106	110	112
-80°	49	53	58	62	66	69	73	76	80	82	85
-82.5°	33	36	40	43	46	48	50	52	54	56	58
-85°	19	21	23	25	27	29	30	31	33	34	35
-87.5°	8	8	9	10	11	11	12	12	12	13	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627304 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-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°	4	3	3	3	3	3	4	4	4	4	4
60°	13	12	12	12	12	12	13	14	14	17	17
57.5°	58	62	64	65	64	62	58	53	47	45	44
55°	88	91	91	90	91	91	88	84	79	75	72
52.5°	113	114	113	112	113	114	113	112	108	102	95
50°	158	157	157	158	157	157	158	156	149	138	128
47.5°	203	205	206	204	206	205	203	200	192	179	165
45°	242	245	246	245	246	245	242	238	228	215	201
42.5°	284	286	287	288	287	286	284	280	268	251	234
40°	340	342	342	341	342	342	340	334	322	302	281
37.5°	435	441	444	452	444	441	435	422	403	377	350
35°	582	598	606	620	606	598	582	556	523	486	440
32.5°	804	836	853	870	853	836	804	756	690	620	552
30°	1195	1259	1284	1332	1284	1259	1195	1098	959	837	714
27.5°	2000	2151	2211	2336	2211	2151	2000	1758	1430	1226	972
25°	3368	3695	3875	4018	3875	3695	3368	2908	2403	1955	1430
22.5°	5281	5760	6015	6204	6015	5760	5281	4561	3848	3100	2294
20°	7735	8366	8743	9017	8743	8366	7735	6775	5717	4622	3502
17.5°	11755	12748	13329	13827	13329	12748	11755	10002	8636	7195	5277
15°	17550	19544	21095	21958	21095	19544	17550	14810	12354	10183	7601
12.5°	23186	26108	27844	28643	27844	26108	23186	19786	15939	12644	9588
10°	28761	31516	33168	33459	33168	31516	28761	24738	19876	15213	11288
7.5°	33028	36058	38253	39050	38253	36058	33028	29208	23663	18214	13243
5°	36798	40346	42668	42962	42668	40346	36798	32224	26710	20455	14789
2.5°	39571	43427	45679	46453	45679	43427	39571	34489	28700	21827	15611
0°	40912	45066	47571	48699	47571	45066	40912	35627	29674	22469	15943
-2.5°	40630	44926	47723	49195	47723	44926	40630	35386	29287	22026	15739
-5°	39085	43394	46002	47565	46002	43394	39085	33663	27483	20672	14966
-7.5°	35522	39552	42328	43771	42328	39552	35522	30889	24501	18496	13819
-10°	30932	34342	36873	38102	36873	34342	30932	26081	20905	16002	12266
-12.5°	24967	28275	30558	31427	30558	28275	24967	21094	16837	13615	10703
-15°	19129	21654	23275	23789	23275	21654	19129	16353	13755	11288	8872
-17.5°	14507	15866	16778	17024	16778	15866	14507	12697	10948	8989	7028
-20°	10868	11710	12302	12443	12302	11710	10868	9651	8311	6713	5248

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REPORT NUMBER: P627304 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-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°	7919	8552	9030	9125	9030	8552	7919	7029	5929	4768	3655
-25°	5462	5992	6316	6341	6316	5992	5462	4738	3921	3207	2426
-27.5°	3425	3715	3865	3918	3865	3715	3425	2995	2449	2109	1700
-30°	2116	2250	2321	2323	2321	2250	2116	1920	1659	1458	1257
-32.5°	1437	1501	1537	1536	1537	1501	1437	1342	1217	1097	987
-35°	1076	1110	1129	1131	1129	1110	1076	1027	962	889	816
-37.5°	865	884	893	895	893	884	865	836	796	748	699
-40°	724	736	744	750	744	736	724	705	679	649	615
-42.5°	626	634	638	635	638	634	626	614	597	576	553
-45°	557	562	566	567	566	562	557	550	538	522	504
-47.5°	503	506	507	508	507	506	503	499	489	476	460
-50°	460	462	463	462	463	462	460	457	451	439	425
-52.5°	426	426	427	428	427	426	426	424	420	407	393
-55°	398	399	399	400	399	399	398	395	392	380	367
-57.5°	374	376	376	375	376	376	374	370	366	356	343
-60°	348	351	353	353	353	351	348	344	340	329	317
-62.5°	314	317	319	319	319	317	314	310	305	296	285
-65°	274	277	281	285	281	277	274	271	267	260	251
-67.5°	238	240	244	248	244	240	238	235	231	226	218
-70°	207	209	210	211	210	209	207	203	199	194	187
-72.5°	176	179	179	180	179	179	176	173	169	165	158
-75°	145	148	149	149	149	148	145	142	139	135	130
-77.5°	115	117	118	118	118	117	115	112	110	106	102
-80°	87	89	88	87	88	89	87	85	82	80	76
-82.5°	60	62	60	59	60	62	60	58	56	54	52
-85°	36	37	36	34	36	37	36	35	34	33	31
-87.5°	15	15	14	12	14	15	15	14	13	12	12
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627304 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-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°	4	4	4	3	2	1	1	1	1	0	1
60°	15	11	14	14	12	8	8	6	3	3	3
57.5°	45	43	37	33	31	27	22	17	14	10	6
55°	68	64	58	52	45	42	38	33	27	21	15
52.5°	86	84	79	70	64	59	52	47	41	35	27
50°	119	113	106	98	89	81	74	64	55	49	42
47.5°	153	145	138	129	117	106	97	86	74	62	56
45°	187	174	165	154	142	129	118	106	93	80	68
42.5°	219	202	187	178	164	150	137	126	112	97	84
40°	260	235	218	206	192	172	160	146	131	114	100
37.5°	317	283	262	246	229	207	187	170	152	134	118
35°	394	352	314	289	270	243	218	196	176	156	136
32.5°	478	425	371	334	303	276	248	224	199	178	157
30°	601	515	440	379	340	306	276	249	222	198	177
27.5°	794	634	532	440	378	338	304	272	243	217	194
25°	1113	834	654	527	428	374	336	298	264	234	210
22.5°	1603	1169	845	633	509	432	374	325	285	256	228
20°	2453	1631	1133	828	631	499	420	360	315	279	247
17.5°	3779	2555	1508	1076	796	607	482	402	346	302	266
15°	5306	3596	2249	1436	982	697	538	442	378	326	284
12.5°	6852	4672	2891	1729	1140	797	604	489	410	348	299
10°	8076	5633	3561	2151	1340	898	662	524	432	365	313
7.5°	9336	6422	4125	2468	1508	984	707	552	450	379	324
5°	10256	7062	4605	2716	1639	1050	742	575	464	390	334
2.5°	10885	7500	4929	2868	1726	1096	769	593	478	398	340
0°	11176	7707	5080	2977	1775	1124	790	604	489	403	344
-2.5°	11108	7694	4988	2939	1777	1139	797	607	493	408	347
-5°	10663	7418	4826	2861	1732	1132	800	608	493	411	349
-7.5°	10042	6931	4461	2669	1641	1101	794	608	492	412	351
-10°	9075	6170	3958	2409	1518	1048	773	598	487	410	350
-12.5°	7882	5310	3367	2020	1349	970	734	578	478	404	347
-15°	6489	4406	2819	1784	1210	889	688	553	466	395	342
-17.5°	5113	3448	2164	1468	1068	818	652	536	452	386	336
-20°	3758	2506	1746	1241	929	734	608	512	437	379	332

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REPORT NUMBER: P627304 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-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°	2606	1892	1358	1018	822	676	568	485	418	369	326
-25°	1878	1406	1088	885	727	612	530	462	405	358	317
-27.5°	1379	1090	916	762	646	567	499	438	389	346	309
-30°	1063	908	775	662	587	523	468	418	373	333	300
-32.5°	862	766	666	597	536	485	439	396	356	321	289
-35°	734	661	596	542	494	452	411	375	340	308	276
-37.5°	641	584	539	496	458	421	387	356	324	293	264
-40°	573	528	492	457	426	395	367	338	308	278	252
-42.5°	521	486	453	424	397	373	348	321	293	265	241
-45°	478	449	419	396	374	352	331	305	278	254	230
-47.5°	441	417	394	371	351	331	312	289	265	242	218
-50°	409	388	367	347	330	313	293	274	251	227	205
-52.5°	378	362	345	329	312	294	275	256	234	214	195
-55°	354	339	324	308	292	276	258	238	219	201	181
-57.5°	330	316	302	289	276	259	240	222	203	185	166
-60°	305	293	280	267	254	239	221	203	186	168	150
-62.5°	275	264	252	240	228	214	197	181	166	151	135
-65°	241	231	221	210	198	184	170	157	146	133	119
-67.5°	209	200	190	179	168	157	146	136	125	114	100
-70°	179	171	162	153	143	133	123	114	103	93	83
-72.5°	152	145	137	129	120	111	102	94	85	76	67
-75°	125	119	113	105	98	90	83	76	69	62	55
-77.5°	98	93	88	83	77	71	66	60	54	49	43
-80°	73	69	66	62	58	53	49	44	40	35	31
-82.5°	50	48	46	43	40	36	33	30	27	23	20
-85°	30	29	27	25	23	21	19	17	15	13	11
-87.5°	12	11	11	10	9	8	8	7	6	5	4
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627304 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-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°	0	0	0	0	0	0	0	0	0	0	0
60°	2	1	1	1	0	0	0	1	1	0	0
57.5°	5	4	2	2	1	1	0	1	1	1	0
55°	10	7	4	3	2	2	1	1	2	1	0
52.5°	20	13	9	5	3	3	2	1	2	2	1
50°	32	23	15	10	4	4	3	2	2	3	2
47.5°	47	34	24	16	9	5	4	3	2	3	2
45°	60	49	34	24	15	9	6	3	3	3	3
42.5°	72	62	48	31	22	14	8	5	3	3	3
40°	87	74	61	44	30	19	12	7	3	3	3
37.5°	103	88	72	55	38	26	16	10	5	4	3
35°	119	102	84	66	48	33	20	13	7	5	3
32.5°	134	116	96	77	57	40	25	17	10	6	3
30°	152	128	107	87	66	48	32	21	13	7	3
27.5°	169	140	117	96	75	55	39	25	16	9	4
25°	185	154	128	105	83	63	45	29	19	11	5
22.5°	200	169	138	113	93	70	51	35	22	13	7
20°	215	182	148	123	101	78	58	40	26	15	8
17.5°	230	196	162	135	110	86	63	45	29	17	9
15°	245	209	175	145	119	92	69	49	33	19	10
12.5°	259	221	186	155	127	99	74	53	36	20	12
10°	271	232	196	164	135	105	79	57	39	22	14
7.5°	280	242	204	172	142	110	83	60	42	24	15
5°	289	249	211	178	147	115	87	63	45	25	16
2.5°	294	254	216	182	151	120	90	66	47	27	18
0°	297	257	220	186	155	124	93	68	50	28	19
-2.5°	301	260	224	190	158	128	96	70	51	31	19
-5°	303	262	227	193	161	131	98	72	53	33	19
-7.5°	304	264	229	195	163	133	100	73	54	35	19
-10°	304	266	231	197	165	135	101	74	55	37	20
-12.5°	303	266	232	197	166	135	103	75	56	38	20
-15°	301	266	231	197	166	135	104	77	56	38	20
-17.5°	297	265	230	195	165	135	104	78	57	38	21
-20°	294	261	227	192	163	134	104	77	57	37	22

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REPORT NUMBER: P627304 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-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°	290	257	223	190	161	133	104	76	56	36	22
-25°	284	250	218	187	159	132	102	74	55	35	23
-27.5°	276	244	213	184	156	129	99	73	53	34	23
-30°	267	237	208	180	152	125	96	71	51	34	23
-32.5°	257	230	202	174	147	121	91	68	49	34	23
-35°	249	223	196	168	142	115	87	64	48	33	23
-37.5°	239	214	188	161	136	110	84	63	46	33	22
-40°	229	205	178	154	130	104	81	61	44	32	21
-42.5°	219	194	170	147	123	100	78	59	43	30	20
-45°	207	184	162	139	117	95	74	56	41	29	20
-47.5°	195	175	153	131	111	90	70	53	38	28	19
-50°	186	165	143	123	103	84	66	49	36	26	18
-52.5°	175	154	133	113	96	78	60	45	34	25	16
-55°	161	141	121	104	88	71	55	42	31	23	15
-57.5°	147	127	111	95	79	63	49	38	29	20	14
-60°	132	116	101	85	70	56	44	34	26	18	12
-62.5°	119	104	89	74	61	49	39	31	23	16	11
-65°	104	90	76	64	53	43	34	27	20	15	10
-67.5°	87	76	65	54	45	37	29	23	18	13	9
-70°	73	63	53	45	37	31	25	20	15	11	8
-72.5°	59	51	43	36	31	26	21	17	13	10	7
-75°	48	41	35	29	25	21	17	14	10	8	6
-77.5°	37	32	27	23	20	17	13	10	8	6	5
-80°	27	24	21	18	15	12	10	7	6	5	4
-82.5°	18	16	14	13	11	8	6	5	4	3	3
-85°	10	9	8	8	6	5	4	3	2	2	2
-87.5°	4	4	4	4	3	2	2	1	1	1	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: P627304 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-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°	0	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	1	1	0	0	0	0	0
45°	2	1	0	0	0	0	0
42.5°	2	1	0	0	0	0	0
40°	2	2	0	0	0	0	0
37.5°	3	2	0	0	0	0	0
35°	3	2	1	0	0	0	0
32.5°	3	3	1	0	0	0	0
30°	3	3	1	0	0	0	0
27.5°	3	3	2	0	0	0	0
25°	3	3	2	0	0	0	0
22.5°	3	3	2	0	0	0	0
20°	3	3	2	0	0	0	0
17.5°	3	3	3	0	0	0	0
15°	4	3	3	0	0	0	0
12.5°	4	3	3	0	0	0	0
10°	4	3	3	0	0	0	0
7.5°	5	3	3	0	0	0	0
5°	5	3	3	0	0	0	0
2.5°	6	3	3	0	0	0	0
0°	6	3	3	0	0	0	0
-2.5°	7	3	3	0	0	0	0
-5°	9	4	3	0	0	0	0
-7.5°	10	4	3	1	0	0	0
-10°	11	4	3	1	0	0	0
-12.5°	11	5	3	1	0	0	0
-15°	12	5	3	1	0	0	0
-17.5°	12	5	3	1	0	0	0
-20°	13	5	3	1	0	0	0

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REPORT NUMBER: P627304 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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