

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: P627364 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627364 (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-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

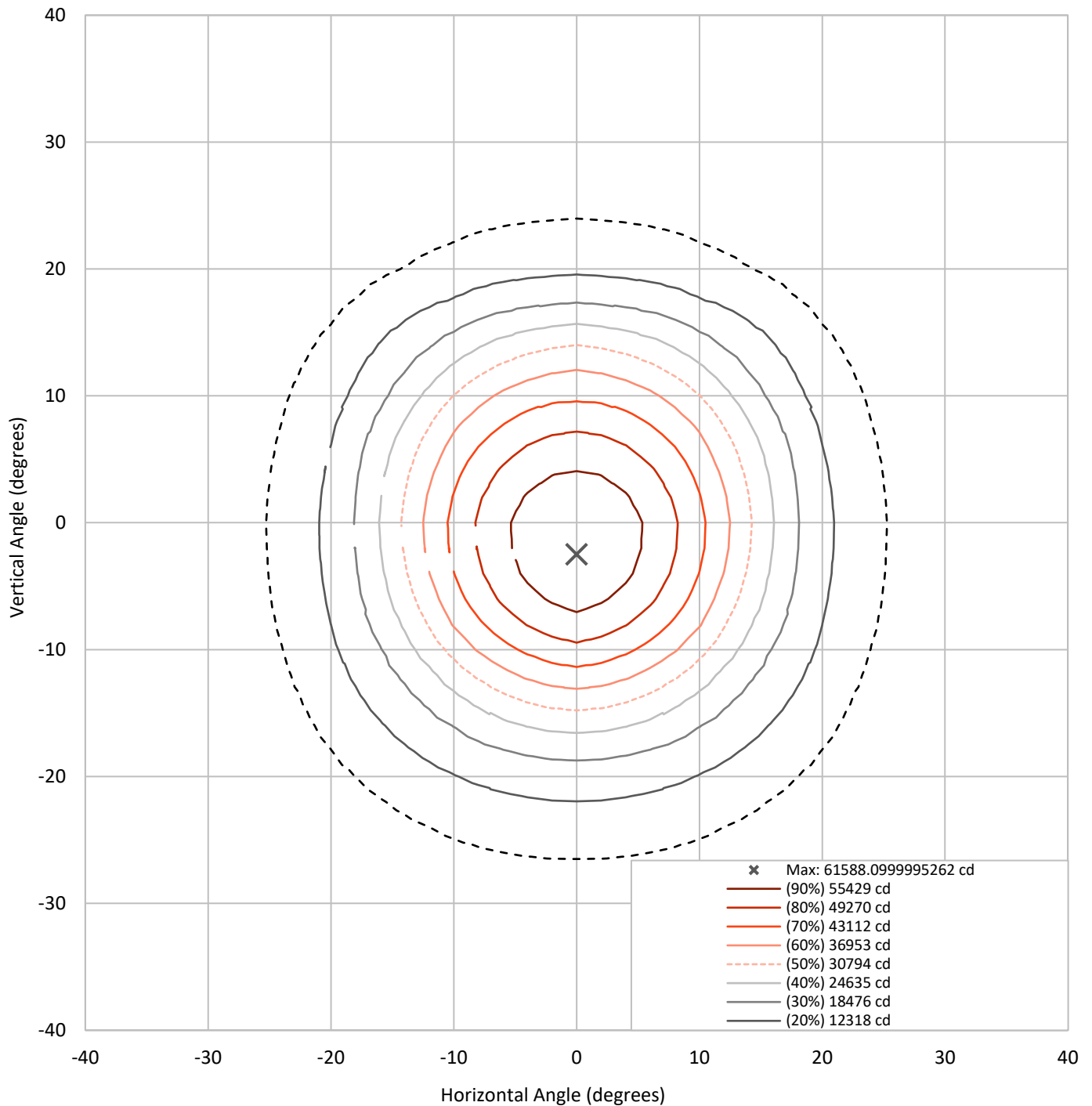
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	17467.8 lumens	Max Intensity:	61588.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	103.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	8734 lumens	Field Lumens:	15008 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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CATALOG NUMBER: GFLD-SA4C-722-U-MR-VSR-XX

Iso-Candela Plot





REPORT NUMBER: P627364 (CONVERTED FROM TYPE C PHOTOMETRY)

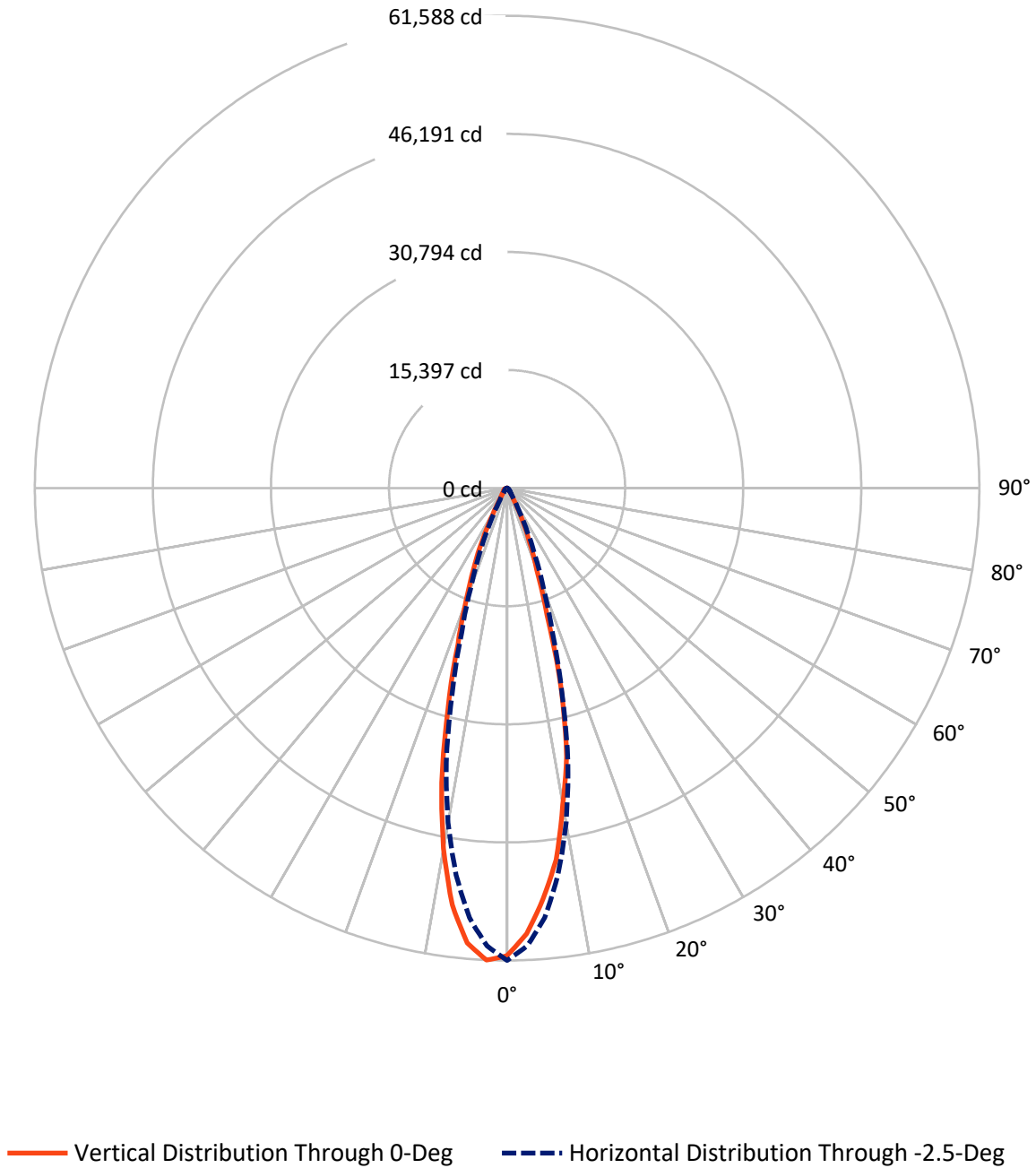
CATALOG NUMBER: GFLD-SA4C-722-U-MR-VSR-XX

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	0.5	1.2	2.0	2.8	3.3	3.3	2.8	2.0	1.2	0.5	0.1				0.0
50	0.0	0.1	0.6	1.9	3.7	5.7	7.9	9.3	9.3	7.9	5.7	3.7	1.9	0.6	0.1	0.0	0.0	0.0
40		0.3	1.5	3.7	6.9	11.3	18.8	25.1	25.1	18.8	11.3	6.9	3.7	1.5	0.3			
30	0.1	0.5	2.4	5.7	10.9	26.4	82.9	152.0	152.0	82.9	26.4	10.9	5.7	2.4	0.5	0.1	0.1	0.1
20		0.9	3.3	7.8	18.6	91.0	369.9	724.3	724.3	369.9	91.0	18.6	7.8	3.3	0.9			
10	0.2	1.1	4.0	9.2	26.7	173.4	746.9	1464.0	1464.0	746.9	173.4	26.7	9.2	4.0	1.1	0.2	0.2	0.2
0		1.3	4.3	9.8	28.5	181.7	766.4	1552.4	1552.4	766.4	181.7	28.5	9.8	4.3	1.3			
-10	0.3	1.3	4.4	9.5	23.4	111.6	423.8	821.5	821.5	423.8	111.6	23.4	9.5	4.4	1.3	0.3	0.3	0.3
-20		1.3	4.2	8.7	17.2	43.3	131.2	234.2	234.2	131.2	43.3	17.2	8.7	4.2	1.3			
-30	0.3	1.1	3.7	7.5	13.0	21.4	34.9	46.7	46.7	34.9	21.4	13.0	7.5	3.7	1.1	0.3	0.3	0.3
-40		1.0	3.1	6.2	10.3	14.7	19.4	21.8	21.8	19.4	14.7	10.3	6.2	3.1	1.0			
-50	0.2	0.7	2.3	4.9	8.0	11.2	14.0	15.2	15.2	14.0	11.2	8.0	4.9	2.3	0.7	0.2	0.2	0.2
-60		0.5	1.4	3.2	5.4	7.6	9.5	10.6	10.6	9.5	7.6	5.4	3.2	1.4	0.5			
-70	0.1	0.7	2.3	4.9	8.0	11.2	14.0	15.2	15.2	14.0	11.2	8.0	4.9	2.3	0.7	0.1	0.1	0.1
-80		0.5	1.4	3.2	5.4	7.6	9.5	10.6	10.6	9.5	7.6	5.4	3.2	1.4	0.5			
-90	0.1	1.1	5.2	11.1	14.1	11.1	5.2	1.1	0.1	0.1	1.1	5.2	11.1	14.1	11.1	5.2	1.1	0.1

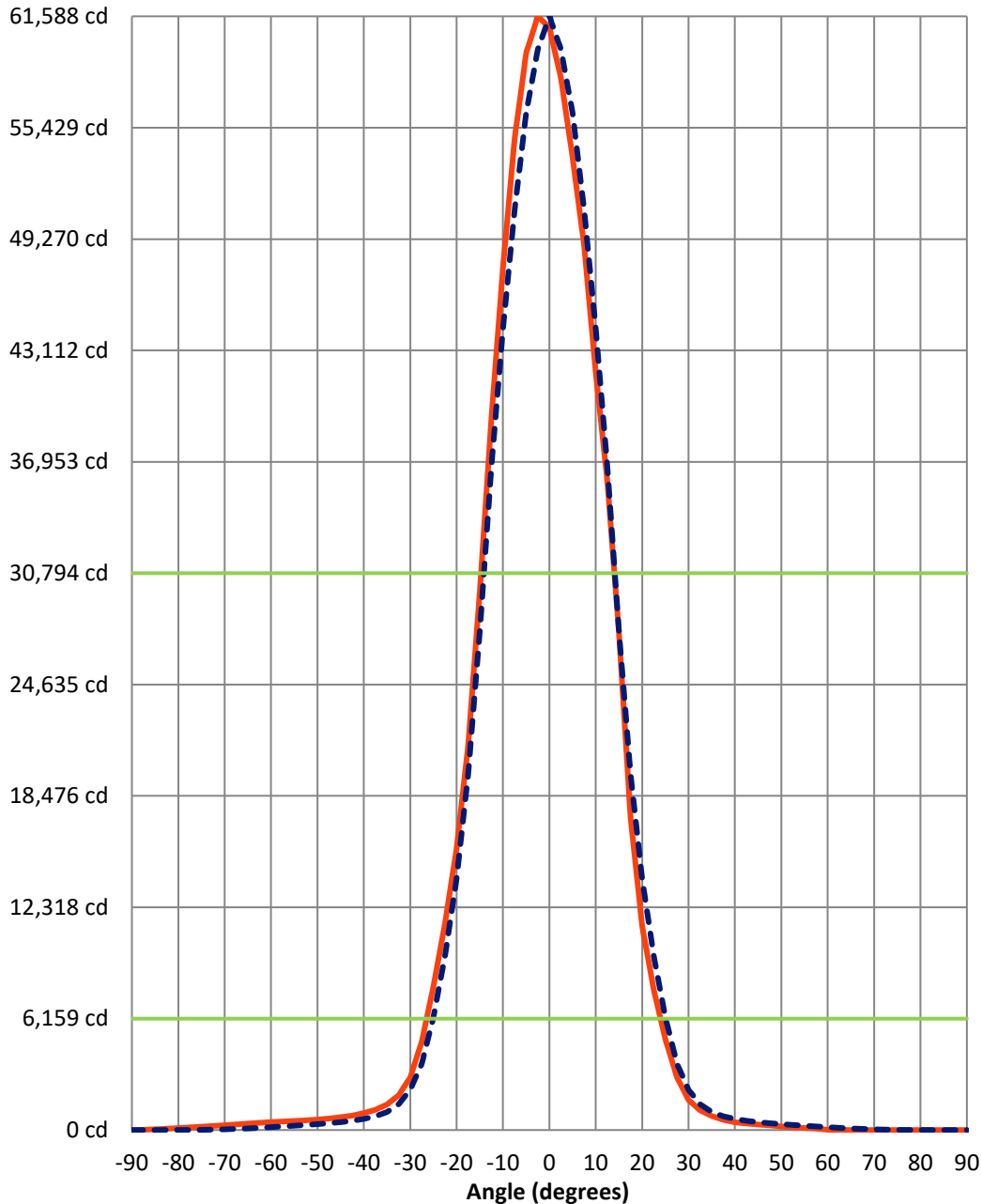
REPORT NUMBER: P627364 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-722-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 8734
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 15008
 Efficiency: 85.9%

Spill:
 Lumens: 2459.7
 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	2	1
55°	0	0	0	0	0	0	0	0	2	2	2
52.5°	0	0	0	0	0	0	1	1	3	3	2
50°	0	0	0	0	0	0	1	2	4	3	3
47.5°	0	0	0	0	0	1	2	3	4	3	3
45°	0	0	0	0	0	1	2	4	4	4	4
42.5°	0	0	0	0	0	2	3	4	4	4	6
40°	0	0	0	0	0	2	3	4	4	4	9
37.5°	0	0	0	0	1	3	3	4	5	6	13
35°	0	0	0	0	1	3	4	4	6	9	17
32.5°	0	0	0	0	1	3	4	4	7	13	21
30°	0	0	0	0	2	4	4	4	9	16	26
27.5°	0	0	0	0	2	4	4	5	11	20	31
25°	0	0	0	0	2	4	4	7	14	23	36
22.5°	0	0	0	0	3	4	4	8	16	28	43
20°	0	0	0	0	3	4	4	10	19	32	50
17.5°	0	0	0	0	3	4	4	11	21	36	56
15°	0	0	0	0	3	4	5	13	23	41	61
12.5°	0	0	0	0	4	4	5	15	26	45	66
10°	0	0	0	0	4	4	6	17	28	49	71
7.5°	0	0	0	0	4	4	6	19	30	53	75
5°	0	0	0	0	4	4	7	20	32	56	79
2.5°	0	0	0	0	4	4	7	22	33	59	82
0°	0	0	0	0	4	4	8	23	35	62	85
-2.5°	0	0	0	0	4	4	9	24	38	64	88
-5°	0	0	0	1	4	5	11	24	41	66	90
-7.5°	0	0	0	1	4	5	12	24	44	67	91
-10°	0	0	0	1	4	5	13	25	46	69	92
-12.5°	0	0	0	1	4	6	14	25	47	70	94
-15°	0	0	0	1	4	6	15	25	48	71	96
-17.5°	0	0	0	2	4	6	15	26	47	71	97
-20°	0	0	0	2	4	6	16	27	46	71	97

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REPORT NUMBER: P627364 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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	2	4	6	16	28	45	70	96
-25°	0	0	0	2	4	7	16	29	44	69	93
-27.5°	0	0	0	2	4	7	16	29	43	66	91
-30°	0	0	0	2	4	8	16	29	42	64	88
-32.5°	0	0	0	2	4	8	16	29	42	62	85
-35°	0	0	0	2	5	8	16	28	42	59	80
-37.5°	0	0	0	1	5	8	16	27	41	57	78
-40°	0	0	0	1	5	8	16	27	39	55	76
-42.5°	0	0	0	1	5	8	15	26	38	53	73
-45°	0	0	0	1	5	9	15	24	37	51	70
-47.5°	0	0	0	1	5	8	14	23	35	48	66
-50°	0	0	0	1	4	8	13	22	33	46	62
-52.5°	0	0	0	1	4	8	13	20	31	43	56
-55°	0	0	0	1	4	7	12	18	28	39	52
-57.5°	0	0	0	1	3	7	11	17	26	36	48
-60°	0	0	0	1	3	6	10	16	23	32	43
-62.5°	0	0	0	1	3	6	9	14	21	28	38
-65°	0	0	0	1	3	5	9	12	18	25	33
-67.5°	0	0	0	1	3	5	8	11	16	22	29
-70°	0	0	0	1	2	4	7	10	14	19	25
-72.5°	0	0	0	1	2	4	7	9	12	16	21
-75°	0	0	0	1	2	4	6	8	10	13	17
-77.5°	0	0	0	1	2	3	5	6	8	10	13
-80°	0	0	0	0	1	2	4	5	6	7	9
-82.5°	0	0	0	0	1	2	3	4	4	5	6
-85°	0	0	0	0	1	1	2	2	3	3	3
-87.5°	0	0	0	0	0	1	1	1	1	1	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627364 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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	1	1	0	1	1
60°	0	0	1	1	1	2	2	3	4	4	8
57.5°	1	1	2	2	3	4	6	7	12	18	21
55°	1	3	3	3	6	9	12	19	26	34	41
52.5°	3	4	4	6	11	17	25	34	44	52	58
50°	4	5	5	12	19	28	40	53	62	69	80
47.5°	5	6	12	20	30	43	59	69	78	92	108
45°	7	11	19	29	43	61	75	85	100	117	133
42.5°	10	17	28	39	60	77	90	105	121	140	158
40°	15	23	37	55	76	93	109	126	143	164	183
37.5°	20	32	48	69	91	110	129	148	168	191	213
35°	25	41	60	83	105	128	149	170	196	221	246
32.5°	31	50	72	96	120	145	168	196	223	250	281
30°	40	60	82	108	134	160	190	221	247	278	311
27.5°	48	69	94	120	147	175	211	242	271	304	340
25°	57	78	104	131	160	193	231	263	294	330	373
22.5°	64	87	116	141	173	211	250	286	321	356	406
20°	72	98	127	155	185	228	269	309	349	395	451
17.5°	79	107	138	169	203	245	288	333	378	433	503
15°	86	116	148	182	219	262	307	356	408	473	553
12.5°	93	124	159	194	233	277	324	375	435	513	612
10°	99	131	169	205	245	291	339	391	457	541	656
7.5°	104	138	178	215	255	302	351	406	474	563	692
5°	109	144	184	222	264	312	361	418	489	581	720
2.5°	113	150	190	228	270	318	368	425	498	599	742
0°	116	155	194	233	275	322	372	430	504	613	756
-2.5°	120	160	198	238	281	326	377	435	511	617	760
-5°	123	164	202	241	284	328	379	437	514	617	761
-7.5°	125	167	204	244	287	331	381	439	516	616	761
-10°	126	169	206	246	290	333	381	438	513	610	748
-12.5°	129	169	207	247	290	334	380	435	506	598	724
-15°	130	169	207	246	290	333	376	428	495	583	693
-17.5°	131	169	206	244	288	331	372	421	484	566	671
-20°	131	168	204	241	284	327	368	416	474	547	641

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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°	130	167	202	237	279	321	363	408	461	523	607
-25°	128	165	199	234	273	314	355	397	448	507	579
-27.5°	125	162	196	230	266	305	346	387	433	487	549
-30°	120	157	191	225	260	297	334	375	417	467	524
-32.5°	114	151	185	218	253	289	322	361	402	445	496
-35°	109	144	178	210	245	279	311	346	386	426	469
-37.5°	106	137	171	201	235	268	299	331	367	406	445
-40°	102	130	162	193	223	256	287	315	348	386	423
-42.5°	97	125	154	184	213	243	274	302	332	367	402
-45°	93	119	146	174	203	230	259	288	318	348	382
-47.5°	88	112	139	164	192	219	245	273	303	332	361
-50°	82	106	130	153	179	207	233	257	285	314	342
-52.5°	76	98	120	142	166	192	219	244	267	292	320
-55°	68	89	110	130	152	176	202	227	251	274	298
-57.5°	62	79	99	119	139	159	183	208	231	255	278
-60°	55	70	87	106	126	145	165	188	210	232	254
-62.5°	49	62	76	93	111	130	149	168	189	208	227
-65°	43	53	66	80	95	112	130	149	167	182	197
-67.5°	37	46	56	68	81	95	109	125	142	156	170
-70°	32	38	46	56	67	78	91	104	117	129	142
-72.5°	27	32	38	45	54	64	74	84	95	106	117
-75°	22	26	31	37	43	51	60	69	78	86	95
-77.5°	17	21	25	29	34	40	47	54	61	68	75
-80°	12	15	19	22	26	30	34	39	44	49	55
-82.5°	8	11	13	16	18	20	23	25	29	33	37
-85°	4	6	8	9	11	12	13	14	16	19	21
-87.5°	2	3	4	4	5	5	5	6	6	7	8
-90°	0	0	0	0	0	0	0	0	0	0	0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	1	1	1	0	0	0
62.5°	1	2	3	4	4	5	5	5	5	5	5
60°	10	10	15	18	17	13	19	22	21	18	18
57.5°	27	34	39	41	46	54	57	55	56	59	66
55°	48	53	57	65	73	80	86	90	94	99	105
52.5°	65	74	80	88	99	105	108	119	128	135	140
50°	92	101	112	123	133	142	150	160	173	187	195
47.5°	121	133	146	162	173	182	192	207	224	240	250
45°	148	162	178	193	206	218	234	252	269	285	298
42.5°	172	188	205	222	234	253	274	293	315	335	350
40°	200	215	241	258	274	294	325	352	378	403	418
37.5°	234	259	286	308	328	354	397	439	472	505	528
35°	273	304	338	362	393	440	493	551	609	655	696
32.5°	311	345	380	418	465	532	599	691	777	864	947
30°	345	384	426	474	550	644	753	894	1047	1200	1375
27.5°	381	423	474	551	666	794	994	1217	1534	1790	2201
25°	420	468	536	660	819	1044	1393	1790	2447	3008	3641
22.5°	468	541	637	792	1058	1463	2006	2872	3880	4817	5710
20°	526	625	790	1037	1419	2042	3072	4384	5786	7157	8482
17.5°	603	760	996	1348	1888	3199	4731	6607	9008	10811	12521
15°	673	872	1229	1798	2816	4502	6643	9516	12748	15466	18541
12.5°	757	997	1427	2164	3619	5849	8578	12004	15829	19955	24771
10°	829	1125	1678	2693	4458	7052	10111	14132	19046	24883	30970
7.5°	885	1232	1888	3089	5164	8040	11688	16579	22802	29625	36566
5°	929	1314	2052	3400	5765	8841	12840	18515	25608	33439	40342
2.5°	963	1372	2161	3591	6171	9389	13627	19544	27325	35930	43177
0°	989	1408	2222	3727	6360	9648	13991	19959	28130	37150	44603
-2.5°	998	1426	2225	3679	6245	9632	13906	19704	27575	36665	44300
-5°	1001	1417	2169	3582	6041	9287	13349	18736	25880	34406	42144
-7.5°	994	1379	2055	3342	5585	8677	12572	17300	23155	30673	38670
-10°	967	1313	1901	3016	4956	7725	11361	15356	20034	26171	32652
-12.5°	919	1214	1688	2529	4215	6648	9868	13400	17045	21078	26409
-15°	861	1112	1515	2233	3529	5516	8124	11107	14132	17221	20472
-17.5°	817	1024	1337	1838	2710	4316	6401	8799	11253	13706	15895
-20°	761	919	1163	1553	2186	3137	4705	6570	8404	10404	12083

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627364 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	711	846	1028	1274	1700	2369	3263	4576	5970	7422	8800
-25°	664	766	911	1108	1362	1760	2351	3037	4015	4909	5932
-27.5°	624	710	808	954	1147	1365	1727	2128	2641	3067	3750
-30°	586	654	735	829	970	1136	1331	1574	1825	2077	2404
-32.5°	550	607	671	747	834	959	1080	1235	1373	1524	1680
-35°	515	566	618	678	746	828	918	1021	1113	1204	1286
-37.5°	485	527	573	621	675	732	803	876	937	996	1047
-40°	459	495	533	572	615	661	717	770	812	850	883
-42.5°	436	467	497	531	567	609	652	693	721	748	769
-45°	414	441	468	496	525	562	599	631	653	673	689
-47.5°	390	415	439	465	493	522	552	576	596	613	624
-50°	367	391	414	434	460	486	512	532	549	564	572
-52.5°	345	368	390	412	432	453	473	492	510	525	531
-55°	323	345	365	385	406	425	443	460	476	490	495
-57.5°	301	324	345	362	379	396	414	430	445	459	464
-60°	276	300	318	334	351	367	382	397	412	425	431
-62.5°	247	268	285	301	316	330	344	357	371	382	388
-65°	213	231	248	263	276	289	302	314	325	334	339
-67.5°	183	196	210	224	238	250	262	272	283	290	294
-70°	154	166	179	191	203	214	225	234	243	250	254
-72.5°	128	139	150	161	172	181	190	198	206	212	216
-75°	104	113	123	132	141	149	156	163	170	174	178
-77.5°	83	90	96	103	111	117	123	128	133	137	141
-80°	61	67	72	77	82	87	91	95	100	103	106
-82.5°	41	46	50	54	58	61	63	65	67	70	72
-85°	24	26	29	32	34	36	38	39	41	42	44
-87.5°	9	11	12	13	14	14	15	15	15	16	17
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627364 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	5	4	4	4	4	4	5	5	5	5	5
60°	17	16	15	16	15	16	17	18	18	21	22
57.5°	72	77	80	81	80	77	72	66	59	56	55
55°	110	114	114	113	114	114	110	105	99	94	90
52.5°	142	143	142	140	142	143	142	140	135	128	119
50°	197	197	197	198	197	197	197	195	187	173	160
47.5°	254	256	257	256	257	256	254	250	240	224	207
45°	303	307	308	306	308	307	303	298	285	269	252
42.5°	356	358	359	361	359	358	356	350	335	315	293
40°	426	428	428	427	428	428	426	418	403	378	352
37.5°	544	552	556	566	556	552	544	528	505	472	439
35°	728	748	759	776	759	748	728	696	655	609	551
32.5°	1006	1047	1068	1090	1068	1047	1006	947	864	777	691
30°	1496	1576	1608	1668	1608	1576	1496	1375	1200	1047	894
27.5°	2504	2693	2768	2924	2768	2693	2504	2201	1790	1534	1217
25°	4217	4626	4851	5030	4851	4626	4217	3641	3008	2447	1790
22.5°	6611	7211	7531	7767	7531	7211	6611	5710	4817	3880	2872
20°	9683	10474	10946	11288	10946	10474	9683	8482	7157	5786	4384
17.5°	14717	15960	16686	17311	16686	15960	14717	12521	10811	9008	6607
15°	21971	24468	26409	27490	26409	24468	21971	18541	15466	12748	9516
12.5°	29028	32686	34859	35859	34859	32686	29028	24771	19955	15829	12004
10°	36007	39456	41523	41889	41523	39456	36007	30970	24883	19046	14132
7.5°	41349	45142	47890	48888	47890	45142	41349	36566	29625	22802	16579
5°	46068	50510	53417	53786	53417	50510	46068	40342	33439	25608	18515
2.5°	49539	54368	57187	58156	57187	54368	49539	43177	35930	27325	19544
0°	51219	56419	59556	60968	59556	56419	51219	44603	37150	28130	19959
-2.5°	50865	56244	59746	61588	59746	56244	50865	44300	36665	27575	19704
-5°	48931	54326	57591	59548	57591	54326	48931	42144	34406	25880	18736
-7.5°	44471	49516	52992	54798	52992	49516	44471	38670	30673	23155	17300
-10°	38725	42994	46162	47701	46162	42994	38725	32652	26171	20034	15356
-12.5°	31257	35398	38256	39345	38256	35398	31257	26409	21078	17045	13400
-15°	23948	27109	29139	29782	29139	27109	23948	20472	17221	14132	11107
-17.5°	18161	19863	21005	21313	21005	19863	18161	15895	13706	11253	8799
-20°	13606	14661	15402	15577	15402	14661	13606	12083	10404	8404	6570

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REPORT NUMBER: P627364 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	9914	10706	11305	11424	11305	10706	9914	8800	7422	5970	4576
-25°	6838	7501	7907	7938	7907	7501	6838	5932	4909	4015	3037
-27.5°	4287	4651	4839	4906	4839	4651	4287	3750	3067	2641	2128
-30°	2649	2817	2905	2908	2905	2817	2649	2404	2077	1825	1574
-32.5°	1798	1880	1924	1923	1924	1880	1798	1680	1524	1373	1235
-35°	1347	1389	1413	1415	1413	1389	1347	1286	1204	1113	1021
-37.5°	1083	1106	1119	1121	1119	1106	1083	1047	996	937	876
-40°	906	922	932	938	932	922	906	883	850	812	770
-42.5°	783	794	799	795	799	794	783	769	748	721	693
-45°	698	704	708	710	708	704	698	689	673	653	631
-47.5°	630	633	635	636	635	633	630	624	613	596	576
-50°	576	579	580	578	580	579	576	572	564	549	532
-52.5°	533	534	535	535	535	534	533	531	525	510	492
-55°	498	499	500	500	500	499	498	495	490	476	460
-57.5°	468	471	471	469	471	471	468	464	459	445	430
-60°	436	440	442	442	442	440	436	431	425	412	397
-62.5°	393	397	399	399	399	397	393	388	382	371	357
-65°	343	347	352	357	352	347	343	339	334	325	314
-67.5°	298	301	306	310	306	301	298	294	290	283	272
-70°	259	262	263	264	263	262	259	254	250	243	234
-72.5°	220	224	225	225	225	224	220	216	212	206	198
-75°	182	185	186	186	186	185	182	178	174	170	163
-77.5°	144	147	147	147	147	147	144	141	137	133	128
-80°	109	112	110	109	110	112	109	106	103	100	95
-82.5°	75	77	76	74	76	77	75	72	70	67	65
-85°	45	46	45	43	45	46	45	44	42	41	39
-87.5°	18	19	17	16	17	19	18	17	16	15	15
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627364 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	5	5	4	4	3	2	1	1	1	0	1
60°	19	13	17	18	15	10	10	8	4	4	3
57.5°	57	54	46	41	39	34	27	21	18	12	7
55°	86	80	73	65	57	53	48	41	34	26	19
52.5°	108	105	99	88	80	74	65	58	52	44	34
50°	150	142	133	123	112	101	92	80	69	62	53
47.5°	192	182	173	162	146	133	121	108	92	78	69
45°	234	218	206	193	178	162	148	133	117	100	85
42.5°	274	253	234	222	205	188	172	158	140	121	105
40°	325	294	274	258	241	215	200	183	164	143	126
37.5°	397	354	328	308	286	259	234	213	191	168	148
35°	493	440	393	362	338	304	273	246	221	196	170
32.5°	599	532	465	418	380	345	311	281	250	223	196
30°	753	644	550	474	426	384	345	311	278	247	221
27.5°	994	794	666	551	474	423	381	340	304	271	242
25°	1393	1044	819	660	536	468	420	373	330	294	263
22.5°	2006	1463	1058	792	637	541	468	406	356	321	286
20°	3072	2042	1419	1037	790	625	526	451	395	349	309
17.5°	4731	3199	1888	1348	996	760	603	503	433	378	333
15°	6643	4502	2816	1798	1229	872	673	553	473	408	356
12.5°	8578	5849	3619	2164	1427	997	757	612	513	435	375
10°	10111	7052	4458	2693	1678	1125	829	656	541	457	391
7.5°	11688	8040	5164	3089	1888	1232	885	692	563	474	406
5°	12840	8841	5765	3400	2052	1314	929	720	581	489	418
2.5°	13627	9389	6171	3591	2161	1372	963	742	599	498	425
0°	13991	9648	6360	3727	2222	1408	989	756	613	504	430
-2.5°	13906	9632	6245	3679	2225	1426	998	760	617	511	435
-5°	13349	9287	6041	3582	2169	1417	1001	761	617	514	437
-7.5°	12572	8677	5585	3342	2055	1379	994	761	616	516	439
-10°	11361	7725	4956	3016	1901	1313	967	748	610	513	438
-12.5°	9868	6648	4215	2529	1688	1214	919	724	598	506	435
-15°	8124	5516	3529	2233	1515	1112	861	693	583	495	428
-17.5°	6401	4316	2710	1838	1337	1024	817	671	566	484	421
-20°	4705	3137	2186	1553	1163	919	761	641	547	474	416

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REPORT NUMBER: P627364 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	3263	2369	1700	1274	1028	846	711	607	523	461	408
-25°	2351	1760	1362	1108	911	766	664	579	507	448	397
-27.5°	1727	1365	1147	954	808	710	624	549	487	433	387
-30°	1331	1136	970	829	735	654	586	524	467	417	375
-32.5°	1080	959	834	747	671	607	550	496	445	402	361
-35°	918	828	746	678	618	566	515	469	426	386	346
-37.5°	803	732	675	621	573	527	485	445	406	367	331
-40°	717	661	615	572	533	495	459	423	386	348	315
-42.5°	652	609	567	531	497	467	436	402	367	332	302
-45°	599	562	525	496	468	441	414	382	348	318	288
-47.5°	552	522	493	465	439	415	390	361	332	303	273
-50°	512	486	460	434	414	391	367	342	314	285	257
-52.5°	473	453	432	412	390	368	345	320	292	267	244
-55°	443	425	406	385	365	345	323	298	274	251	227
-57.5°	414	396	379	362	345	324	301	278	255	231	208
-60°	382	367	351	334	318	300	276	254	232	210	188
-62.5°	344	330	316	301	285	268	247	227	208	189	168
-65°	302	289	276	263	248	231	213	197	182	167	149
-67.5°	262	250	238	224	210	196	183	170	156	142	125
-70°	225	214	203	191	179	166	154	142	129	117	104
-72.5°	190	181	172	161	150	139	128	117	106	95	84
-75°	156	149	141	132	123	113	104	95	86	78	69
-77.5°	123	117	111	103	96	90	83	75	68	61	54
-80°	91	87	82	77	72	67	61	55	49	44	39
-82.5°	63	61	58	54	50	46	41	37	33	29	25
-85°	38	36	34	32	29	26	24	21	19	16	14
-87.5°	15	14	14	13	12	11	9	8	7	6	6
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627364 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	1	0	0	0	0	0	0	0	0	0	0
60°	2	2	1	1	1	0	0	1	1	0	0
57.5°	6	4	3	2	2	1	1	1	2	1	0
55°	12	9	6	3	3	3	1	2	2	2	0
52.5°	25	17	11	6	4	4	3	2	3	3	1
50°	40	28	19	12	5	5	4	3	3	4	2
47.5°	59	43	30	20	12	6	5	3	3	4	3
45°	75	61	43	29	19	11	7	4	4	4	4
42.5°	90	77	60	39	28	17	10	6	4	4	4
40°	109	93	76	55	37	23	15	9	4	4	4
37.5°	129	110	91	69	48	32	20	13	6	5	4
35°	149	128	105	83	60	41	25	17	9	6	4
32.5°	168	145	120	96	72	50	31	21	13	7	4
30°	190	160	134	108	82	60	40	26	16	9	4
27.5°	211	175	147	120	94	69	48	31	20	11	5
25°	231	193	160	131	104	78	57	36	23	14	7
22.5°	250	211	173	141	116	87	64	43	28	16	8
20°	269	228	185	155	127	98	72	50	32	19	10
17.5°	288	245	203	169	138	107	79	56	36	21	11
15°	307	262	219	182	148	116	86	61	41	23	13
12.5°	324	277	233	194	159	124	93	66	45	26	15
10°	339	291	245	205	169	131	99	71	49	28	17
7.5°	351	302	255	215	178	138	104	75	53	30	19
5°	361	312	264	222	184	144	109	79	56	32	20
2.5°	368	318	270	228	190	150	113	82	59	33	22
0°	372	322	275	233	194	155	116	85	62	35	23
-2.5°	377	326	281	238	198	160	120	88	64	38	24
-5°	379	328	284	241	202	164	123	90	66	41	24
-7.5°	381	331	287	244	204	167	125	91	67	44	24
-10°	381	333	290	246	206	169	126	92	69	46	25
-12.5°	380	334	290	247	207	169	129	94	70	47	25
-15°	376	333	290	246	207	169	130	96	71	48	25
-17.5°	372	331	288	244	206	169	131	97	71	47	26
-20°	368	327	284	241	204	168	131	97	71	46	27

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REPORT NUMBER: P627364 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	363	321	279	237	202	167	130	96	70	45	28
-25°	355	314	273	234	199	165	128	93	69	44	29
-27.5°	346	305	266	230	196	162	125	91	66	43	29
-30°	334	297	260	225	191	157	120	88	64	42	29
-32.5°	322	289	253	218	185	151	114	85	62	42	29
-35°	311	279	245	210	178	144	109	80	59	42	28
-37.5°	299	268	235	201	171	137	106	78	57	41	27
-40°	287	256	223	193	162	130	102	76	55	39	27
-42.5°	274	243	213	184	154	125	97	73	53	38	26
-45°	259	230	203	174	146	119	93	70	51	37	24
-47.5°	245	219	192	164	139	112	88	66	48	35	23
-50°	233	207	179	153	130	106	82	62	46	33	22
-52.5°	219	192	166	142	120	98	76	56	43	31	20
-55°	202	176	152	130	110	89	68	52	39	28	18
-57.5°	183	159	139	119	99	79	62	48	36	26	17
-60°	165	145	126	106	87	70	55	43	32	23	16
-62.5°	149	130	111	93	76	62	49	38	28	21	14
-65°	130	112	95	80	66	53	43	33	25	18	12
-67.5°	109	95	81	68	56	46	37	29	22	16	11
-70°	91	78	67	56	46	38	32	25	19	14	10
-72.5°	74	64	54	45	38	32	27	21	16	12	9
-75°	60	51	43	37	31	26	22	17	13	10	8
-77.5°	47	40	34	29	25	21	17	13	10	8	6
-80°	34	30	26	22	19	15	12	9	7	6	5
-82.5°	23	20	18	16	13	11	8	6	5	4	4
-85°	13	12	11	9	8	6	4	3	3	3	2
-87.5°	5	5	5	4	4	3	2	2	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: P627364 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	2	1	0	0	0	0	0
45°	2	1	0	0	0	0	0
42.5°	3	2	0	0	0	0	0
40°	3	2	0	0	0	0	0
37.5°	3	3	1	0	0	0	0
35°	4	3	1	0	0	0	0
32.5°	4	3	1	0	0	0	0
30°	4	4	2	0	0	0	0
27.5°	4	4	2	0	0	0	0
25°	4	4	2	0	0	0	0
22.5°	4	4	3	0	0	0	0
20°	4	4	3	0	0	0	0
17.5°	4	4	3	0	0	0	0
15°	5	4	3	0	0	0	0
12.5°	5	4	4	0	0	0	0
10°	6	4	4	0	0	0	0
7.5°	6	4	4	0	0	0	0
5°	7	4	4	0	0	0	0
2.5°	7	4	4	0	0	0	0
0°	8	4	4	0	0	0	0
-2.5°	9	4	4	0	0	0	0
-5°	11	5	4	1	0	0	0
-7.5°	12	5	4	1	0	0	0
-10°	13	5	4	1	0	0	0
-12.5°	14	6	4	1	0	0	0
-15°	15	6	4	1	0	0	0
-17.5°	15	6	4	2	0	0	0
-20°	16	6	4	2	0	0	0

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REPORT NUMBER: P627364 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	16	6	4	2	0	0	0
-25°	16	7	4	2	0	0	0
-27.5°	16	7	4	2	0	0	0
-30°	16	8	4	2	0	0	0
-32.5°	16	8	4	2	0	0	0
-35°	16	8	5	2	0	0	0
-37.5°	16	8	5	1	0	0	0
-40°	16	8	5	1	0	0	0
-42.5°	15	8	5	1	0	0	0
-45°	15	9	5	1	0	0	0
-47.5°	14	8	5	1	0	0	0
-50°	13	8	4	1	0	0	0
-52.5°	13	8	4	1	0	0	0
-55°	12	7	4	1	0	0	0
-57.5°	11	7	3	1	0	0	0
-60°	10	6	3	1	0	0	0
-62.5°	9	6	3	1	0	0	0
-65°	9	5	3	1	0	0	0
-67.5°	8	5	3	1	0	0	0
-70°	7	4	2	1	0	0	0
-72.5°	7	4	2	1	0	0	0
-75°	6	4	2	1	0	0	0
-77.5°	5	3	2	1	0	0	0
-80°	4	2	1	0	0	0	0
-82.5°	3	2	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)