

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: P627184 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627184 (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-SA3D-722-U-MR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

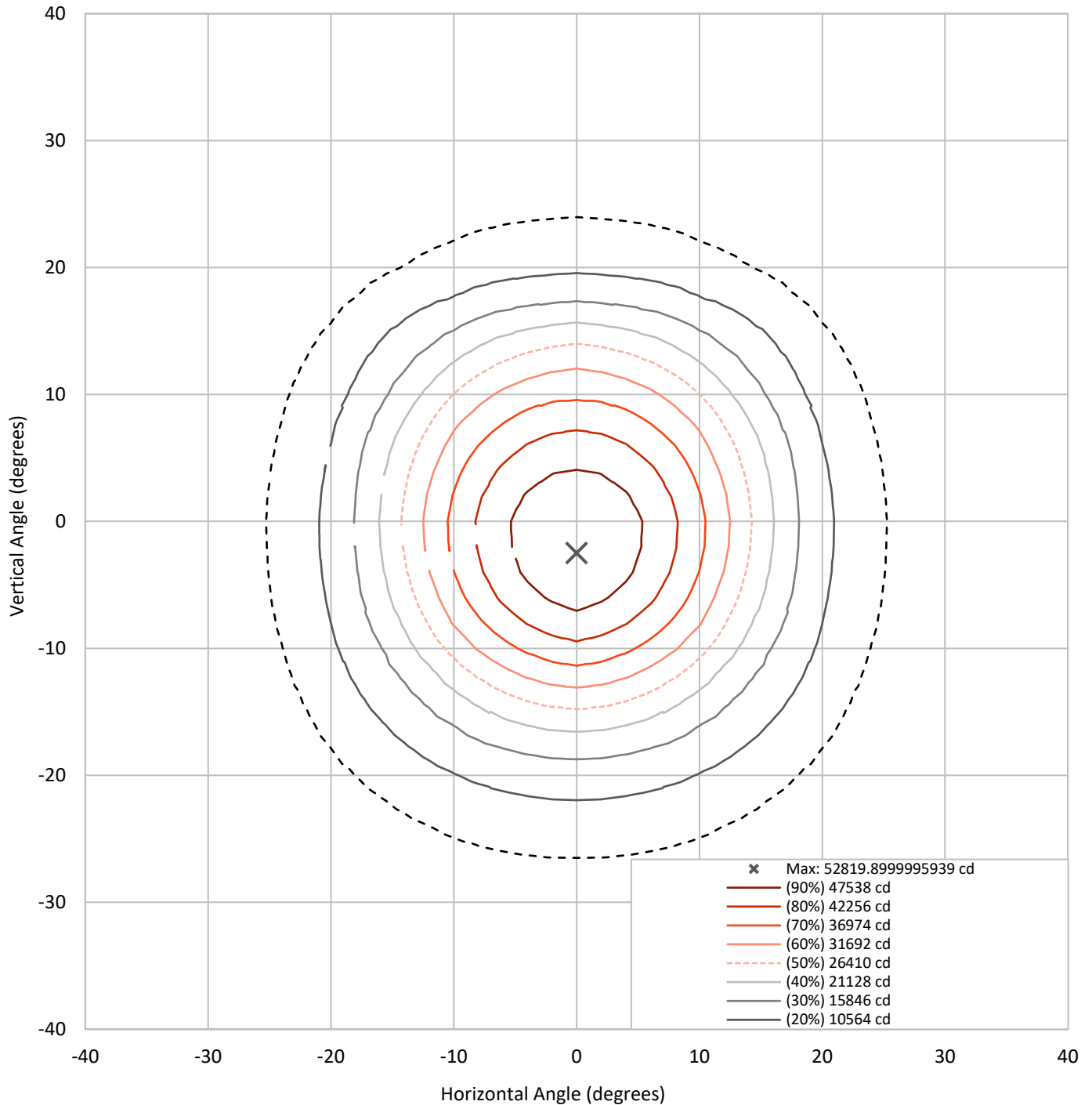
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	14980.9 lumens	Max Intensity:	52819.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	93.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	7490.6 lumens	Field Lumens:	12871.4 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	160.2		
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		



REPORT NUMBER: P627184 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-U-MR-VSR-XX

Iso-Candela Plot





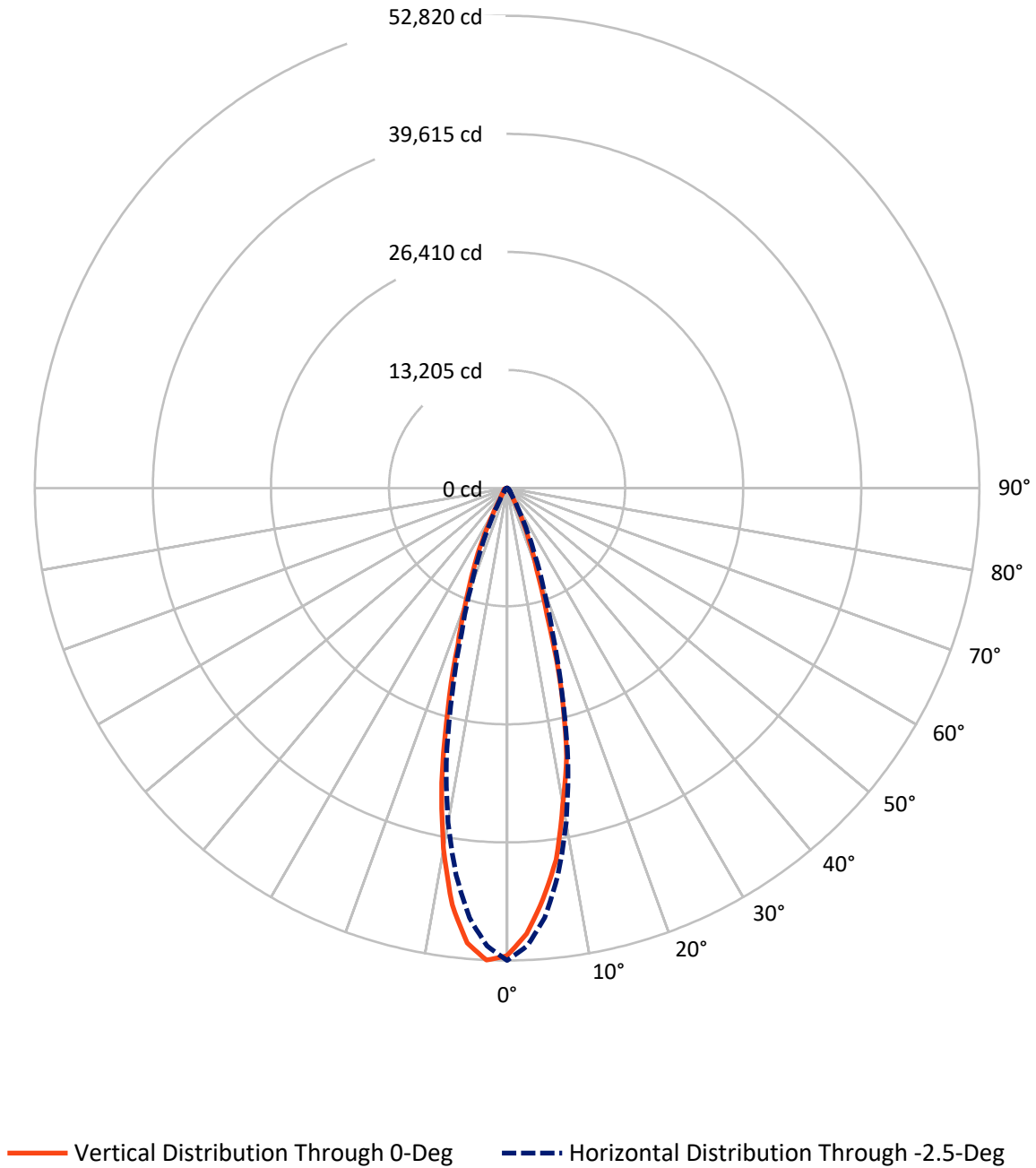
REPORT NUMBER: P627184 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0					
70	0.0	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			
60		0.0	0.1	0.4	1.0	1.7	2.4	2.8	2.8	2.4	1.7	1.0	0.4	0.1	0.0				
50	0.0	0.1	0.5	1.6	3.1	4.9	6.8	8.0	8.0	6.8	4.9	3.1	1.6	0.5	0.1	0.0			
40		0.2	1.3	3.2	5.9	9.7	16.2	21.5	21.5	16.2	9.7	5.9	3.2	1.3	0.2				
30	0.1	0.5	2.0	4.9	9.3	22.6	71.1	130.4	130.4	71.1	22.6	9.3	4.9	2.0	0.5	0.1			
20		0.7	2.8	6.7	15.9	78.0	317.3	621.2	621.2	317.3	78.0	15.9	6.7	2.8	0.7				
10	0.2	0.9	3.4	7.9	22.9	148.7	640.6	1255.6	1255.6	640.6	148.7	22.9	7.9	3.4	0.9	0.2			
0		1.1	3.7	8.4	24.4	155.8	657.3	1331.4	1331.4	657.3	155.8	24.4	8.4	3.7	1.1				
-10	0.3	1.2	3.8	8.2	20.1	95.7	363.5	704.6	704.6	363.5	95.7	20.1	8.2	3.8	1.2	0.3			
-20		1.1	3.6	7.5	14.7	37.2	112.6	200.8	200.8	112.6	37.2	14.7	7.5	3.6	1.1				
-30	0.3	1.0	3.2	6.5	11.2	18.3	29.9	40.0	40.0	29.9	18.3	11.2	6.5	3.2	1.0	0.3			
-40		0.8	2.6	5.4	8.8	12.6	16.6	18.7	18.7	16.6	12.6	8.8	5.4	2.6	0.8				
-50	0.2	0.6	2.0	4.2	6.9	9.6	12.0	13.1	13.1	12.0	9.6	6.9	4.2	2.0	0.6	0.2			
-60		0.4	1.2	2.7	4.6	6.5	8.2	9.1	9.1	8.2	6.5	4.6	2.7	1.2	0.4				
-70	0.1	1.0		4.4		9.6		12.1		9.6		4.4		1.0		0.1			
-80		1.0		4.4		9.6		12.1		9.6		4.4		1.0					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

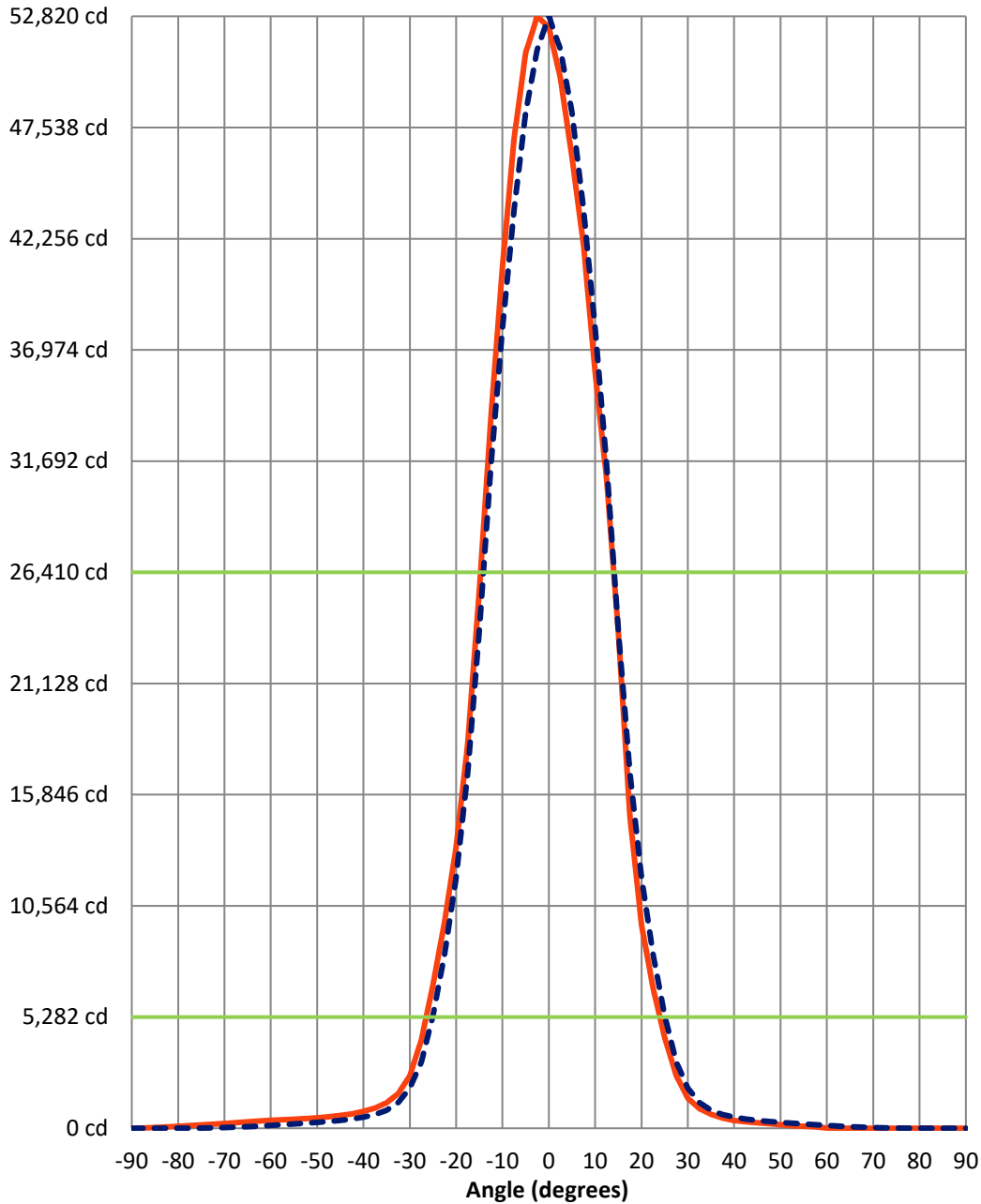
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 28.2°
V Angle: 28.7°
Lumens: 7490.6
Efficiency: 50.0%

Field:
H Angle: 50.2°
V Angle: 50.4°
Lumens: 12871.4
Efficiency: 85.9%

Spill:
Lumens: 2109.5
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	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	2
50°	0	0	0	0	0	0	1	2	3	2	2
47.5°	0	0	0	0	0	1	1	2	3	3	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	3	3	3	3	8
37.5°	0	0	0	0	0	2	3	3	4	5	11
35°	0	0	0	0	1	3	3	3	5	8	14
32.5°	0	0	0	0	1	3	3	3	6	11	18
30°	0	0	0	0	2	3	3	4	7	14	22
27.5°	0	0	0	0	2	3	3	5	9	17	26
25°	0	0	0	0	2	3	3	6	12	20	31
22.5°	0	0	0	0	2	3	3	7	14	24	37
20°	0	0	0	0	2	3	3	8	16	27	43
17.5°	0	0	0	0	3	3	3	10	18	31	48
15°	0	0	0	0	3	3	4	11	20	35	53
12.5°	0	0	0	0	3	3	4	13	22	39	57
10°	0	0	0	0	3	3	5	15	24	42	61
7.5°	0	0	0	0	3	3	5	16	26	45	64
5°	0	0	0	0	3	3	6	18	27	48	68
2.5°	0	0	0	0	3	3	6	19	29	51	71
0°	0	0	0	0	3	3	7	20	30	53	73
-2.5°	0	0	0	0	3	4	8	20	33	55	75
-5°	0	0	0	0	3	4	9	21	35	57	77
-7.5°	0	0	0	1	3	4	10	21	38	58	78
-10°	0	0	0	1	3	5	11	21	39	59	79
-12.5°	0	0	0	1	3	5	12	21	41	60	81
-15°	0	0	0	1	3	5	13	21	41	61	82
-17.5°	0	0	0	1	3	5	13	22	40	61	83
-20°	0	0	0	1	3	5	13	23	40	61	83

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REPORT NUMBER: P627184 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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	14	24	39	60	82
-25°	0	0	0	2	3	6	14	25	38	59	80
-27.5°	0	0	0	2	3	6	14	25	37	57	78
-30°	0	0	0	1	3	6	14	25	36	55	76
-32.5°	0	0	0	1	4	7	13	25	36	53	73
-35°	0	0	0	1	4	7	14	24	36	51	69
-37.5°	0	0	0	1	4	7	14	24	35	49	67
-40°	0	0	0	1	4	7	13	23	34	47	65
-42.5°	0	0	0	1	4	7	13	22	33	46	63
-45°	0	0	0	1	4	7	12	21	31	44	60
-47.5°	0	0	0	0	4	7	12	20	30	41	57
-50°	0	0	0	0	4	7	11	19	28	39	53
-52.5°	0	0	0	1	3	7	11	17	26	37	48
-55°	0	0	0	1	3	6	10	16	24	34	45
-57.5°	0	0	0	1	3	6	9	15	22	31	41
-60°	0	0	0	1	2	6	9	13	19	28	37
-62.5°	0	0	0	1	2	5	8	12	18	24	33
-65°	0	0	0	1	2	5	7	11	16	22	29
-67.5°	0	0	0	1	2	4	7	10	14	19	25
-70°	0	0	0	1	2	4	6	9	12	16	22
-72.5°	0	0	0	1	2	3	6	8	10	14	18
-75°	0	0	0	1	2	3	5	6	8	11	15
-77.5°	0	0	0	0	1	3	4	5	7	8	11
-80°	0	0	0	0	1	2	3	4	5	6	8
-82.5°	0	0	0	0	1	2	3	3	3	4	5
-85°	0	0	0	0	1	1	2	2	2	3	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



REPORT NUMBER: P627184 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-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	0	1	1	1	2	3	3	3	7
57.5°	0	1	2	2	2	4	5	6	10	15	18
55°	1	2	3	3	5	8	11	17	22	29	35
52.5°	2	3	3	5	10	14	21	29	38	44	50
50°	3	4	4	11	17	24	34	45	53	59	69
47.5°	4	5	10	17	26	37	50	60	67	79	93
45°	6	10	16	25	37	52	64	73	86	100	114
42.5°	9	15	24	33	51	66	77	90	104	120	135
40°	13	20	32	47	65	79	94	108	122	141	157
37.5°	17	27	41	60	78	94	110	127	144	164	183
35°	21	35	52	71	90	110	127	146	168	189	211
32.5°	27	43	62	82	103	124	144	168	191	214	241
30°	34	51	71	93	115	137	163	190	212	238	267
27.5°	42	59	80	103	126	151	181	208	233	261	292
25°	49	67	89	113	137	166	198	226	252	283	320
22.5°	55	75	100	121	148	181	215	245	275	306	349
20°	62	84	109	133	159	196	231	265	300	339	387
17.5°	68	92	118	145	174	210	247	285	324	372	431
15°	74	99	127	156	187	225	264	305	350	406	474
12.5°	80	106	136	166	199	238	278	321	373	440	525
10°	85	112	145	176	210	249	290	336	392	464	563
7.5°	89	118	152	184	219	259	301	348	407	483	593
5°	93	124	158	191	226	267	310	358	419	499	618
2.5°	97	129	163	196	232	272	315	365	427	513	636
0°	100	133	166	199	236	276	319	369	432	525	648
-2.5°	103	137	170	204	241	279	323	373	438	529	652
-5°	105	141	173	207	244	282	325	375	441	530	653
-7.5°	107	143	175	209	246	284	326	377	442	529	652
-10°	108	145	177	211	248	286	327	376	440	523	642
-12.5°	110	145	178	212	249	286	326	373	434	513	621
-15°	112	145	178	211	248	286	323	367	424	500	594
-17.5°	112	145	177	210	247	284	319	361	415	486	576
-20°	112	144	175	207	244	281	316	357	407	469	550

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CATALOG NUMBER: GFLD-SA3D-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°	111	143	173	204	239	275	311	350	396	449	521
-25°	110	141	171	201	234	269	305	340	384	435	496
-27.5°	107	139	168	197	228	261	296	332	371	418	471
-30°	103	135	164	193	223	255	287	322	358	401	449
-32.5°	98	130	158	187	217	247	276	310	345	382	426
-35°	94	124	152	180	211	239	267	297	331	365	402
-37.5°	91	118	146	172	201	230	256	284	314	348	382
-40°	87	111	139	165	191	220	246	271	298	331	363
-42.5°	83	107	132	158	182	208	235	259	284	314	345
-45°	80	102	125	150	174	197	222	247	272	299	327
-47.5°	75	96	119	141	165	188	210	234	260	285	310
-50°	70	91	111	132	154	178	200	221	244	269	294
-52.5°	65	84	103	122	143	165	188	209	229	251	274
-55°	59	76	94	112	130	151	173	194	216	235	256
-57.5°	53	68	85	102	119	136	157	178	198	218	239
-60°	47	60	75	91	108	124	142	161	180	199	218
-62.5°	42	53	65	79	95	112	128	144	162	178	194
-65°	37	46	57	69	82	96	111	128	143	156	169
-67.5°	32	39	48	58	70	81	93	107	122	134	146
-70°	27	33	40	48	57	67	78	89	100	111	122
-72.5°	23	28	33	38	46	55	64	72	82	91	101
-75°	19	22	27	31	37	44	51	59	67	74	82
-77.5°	14	18	21	25	29	34	40	46	52	58	65
-80°	10	13	16	19	22	25	29	33	38	42	47
-82.5°	7	9	11	14	15	17	19	22	25	29	32
-85°	4	5	6	8	9	10	11	12	14	16	18
-87.5°	2	2	3	4	4	4	5	5	6	6	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627184 (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	3	3	4	4	4	5	5	5	4
60°	8	8	13	15	15	11	16	19	18	15	15
57.5°	23	29	34	35	39	46	48	48	48	50	57
55°	41	45	49	55	62	69	73	77	81	85	90
52.5°	56	63	69	76	85	90	92	102	110	116	120
50°	79	87	96	105	114	122	128	138	149	160	167
47.5°	104	114	125	139	149	156	165	177	192	206	214
45°	127	139	153	166	177	187	200	216	231	245	255
42.5°	148	161	176	191	200	217	235	251	270	287	300
40°	171	184	206	221	235	252	279	302	324	345	359
37.5°	200	222	246	264	282	304	340	376	404	433	453
35°	234	261	290	310	337	378	423	472	522	562	597
32.5°	267	296	326	358	399	457	514	593	666	741	812
30°	296	329	365	407	472	553	646	767	898	1029	1179
27.5°	327	363	406	473	571	681	853	1044	1316	1535	1888
25°	360	401	460	566	702	895	1195	1536	2099	2580	3122
22.5°	401	464	547	679	908	1255	1721	2463	3328	4131	4897
20°	451	536	678	889	1217	1751	2634	3760	4963	6138	7275
17.5°	517	652	854	1156	1620	2743	4057	5666	7725	9272	10739
15°	578	748	1054	1542	2415	3861	5697	8161	10933	13264	15901
12.5°	649	855	1224	1856	3104	5016	7357	10295	13576	17114	21244
10°	711	965	1439	2310	3823	6048	8672	12120	16334	21341	26561
7.5°	759	1056	1619	2650	4429	6895	10024	14219	19556	25407	31360
5°	796	1127	1760	2916	4944	7583	11012	15879	21962	28679	34599
2.5°	825	1177	1854	3080	5293	8052	11687	16761	23435	30815	37030
0°	848	1207	1906	3196	5454	8274	11999	17118	24125	31861	38253
-2.5°	856	1223	1908	3156	5356	8261	11926	16899	23649	31445	37993
-5°	859	1215	1860	3072	5181	7965	11449	16069	22195	29508	36144
-7.5°	852	1183	1762	2866	4790	7442	10782	14837	19859	26307	33165
-10°	829	1126	1630	2587	4250	6625	9744	13170	17182	22445	28003
-12.5°	788	1041	1448	2169	3615	5701	8463	11492	14618	18077	22649
-15°	738	954	1299	1915	3027	4731	6967	9525	12120	14769	17558
-17.5°	701	879	1147	1576	2324	3702	5490	7546	9651	11754	13632
-20°	653	789	998	1332	1875	2690	4035	5635	7208	8923	10363

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627184 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	610	725	882	1093	1458	2032	2799	3924	5120	6365	7547
-25°	570	657	781	950	1168	1510	2016	2605	3444	4210	5088
-27.5°	535	609	693	818	983	1170	1481	1825	2265	2630	3216
-30°	503	561	631	711	832	975	1142	1350	1565	1781	2062
-32.5°	472	521	575	641	715	822	926	1060	1177	1307	1441
-35°	442	485	530	582	640	710	788	876	954	1033	1103
-37.5°	416	452	492	532	579	627	689	751	804	854	898
-40°	394	424	457	491	528	567	615	661	696	729	757
-42.5°	374	401	426	455	486	522	559	594	619	641	660
-45°	355	378	402	425	450	482	514	541	560	577	591
-47.5°	335	356	377	399	423	448	473	494	511	525	535
-50°	315	336	355	373	394	417	439	456	471	484	491
-52.5°	296	315	335	353	371	388	405	422	437	450	455
-55°	277	296	313	331	348	364	380	394	408	421	425
-57.5°	258	278	296	310	325	340	355	369	382	393	398
-60°	237	257	273	287	301	315	328	341	353	365	370
-62.5°	212	230	245	258	271	283	295	307	318	327	333
-65°	182	198	212	225	237	248	259	269	279	286	291
-67.5°	157	168	180	192	204	215	224	234	242	248	252
-70°	132	143	153	164	174	184	193	201	209	214	218
-72.5°	110	119	128	138	147	155	163	170	177	182	186
-75°	89	97	105	113	121	128	134	140	145	150	153
-77.5°	71	77	83	89	95	100	105	110	114	118	121
-80°	52	57	62	66	71	74	78	82	85	88	91
-82.5°	36	39	43	46	50	52	54	56	57	60	62
-85°	21	23	25	27	29	31	32	34	35	36	38
-87.5°	8	9	10	11	12	12	12	13	13	14	15
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627184 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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	5	5	5
60°	14	13	13	13	13	13	14	15	15	18	19
57.5°	62	66	69	70	69	66	62	57	50	48	48
55°	94	98	98	96	98	98	94	90	85	81	77
52.5°	122	122	121	120	121	122	122	120	116	110	102
50°	169	169	169	170	169	169	169	167	160	149	138
47.5°	218	220	221	220	221	220	218	214	206	192	177
45°	260	263	264	263	264	263	260	255	245	231	216
42.5°	305	307	308	309	308	307	305	300	287	270	251
40°	365	367	367	366	367	367	365	359	345	324	302
37.5°	467	474	477	486	477	474	467	453	433	404	376
35°	625	642	651	665	651	642	625	597	562	522	472
32.5°	863	898	916	935	916	898	863	812	741	666	593
30°	1283	1351	1379	1430	1379	1351	1283	1179	1029	898	767
27.5°	2147	2310	2374	2508	2374	2310	2147	1888	1535	1316	1044
25°	3617	3967	4161	4314	4161	3967	3617	3122	2580	2099	1536
22.5°	5670	6184	6459	6662	6459	6184	5670	4897	4131	3328	2463
20°	8305	8983	9388	9681	9388	8983	8305	7275	6138	4963	3760
17.5°	12622	13688	14311	14846	14311	13688	12622	10739	9272	7725	5666
15°	18843	20985	22649	23576	22649	20985	18843	15901	13264	10933	8161
12.5°	24895	28032	29896	30753	29896	28032	24895	21244	17114	13576	10295
10°	30880	33838	35612	35925	35612	33838	30880	26561	21341	16334	12120
7.5°	35462	38716	41072	41928	41072	38716	35462	31360	25407	19556	14219
5°	39510	43319	45812	46129	45812	43319	39510	34599	28679	21962	15879
2.5°	42487	46628	49046	49877	49046	46628	42487	37030	30815	23435	16761
0°	43927	48387	51077	52288	51077	48387	43927	38253	31861	24125	17118
-2.5°	43624	48237	51240	52820	51240	48237	43624	37993	31445	23649	16899
-5°	41965	46591	49392	51071	49392	46591	41965	36144	29508	22195	16069
-7.5°	38140	42466	45447	46996	45447	42466	38140	33165	26307	19859	14837
-10°	33211	36873	39590	40910	39590	36873	33211	28003	22445	17182	13170
-12.5°	26807	30358	32810	33743	32810	30358	26807	22649	18077	14618	11492
-15°	20539	23249	24991	25542	24991	23249	20539	17558	14769	12120	9525
-17.5°	15576	17035	18014	18278	18014	17035	15576	13632	11754	9651	7546
-20°	11669	12573	13209	13360	13209	12573	11669	10363	8923	7208	5635

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REPORT NUMBER: P627184 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	8502	9182	9696	9798	9696	9182	8502	7547	6365	5120	3924
-25°	5865	6433	6782	6808	6782	6433	5865	5088	4210	3444	2605
-27.5°	3677	3989	4150	4207	4150	3989	3677	3216	2630	2265	1825
-30°	2272	2416	2492	2494	2492	2416	2272	2062	1781	1565	1350
-32.5°	1542	1612	1650	1650	1650	1612	1542	1441	1307	1177	1060
-35°	1155	1191	1212	1214	1212	1191	1155	1103	1033	954	876
-37.5°	929	949	959	961	959	949	929	898	854	804	751
-40°	777	791	799	805	799	791	777	757	729	696	661
-42.5°	672	681	685	682	685	681	672	660	641	619	594
-45°	598	604	607	609	607	604	598	591	577	560	541
-47.5°	540	543	544	545	544	543	540	535	525	511	494
-50°	494	497	497	496	497	497	494	491	484	471	456
-52.5°	457	458	458	459	458	458	457	455	450	437	422
-55°	427	428	429	429	429	428	427	425	421	408	394
-57.5°	401	404	404	402	404	404	401	398	393	382	369
-60°	374	377	379	379	379	377	374	370	365	353	341
-62.5°	337	340	342	343	342	340	337	333	327	318	307
-65°	295	298	302	306	302	298	295	291	286	279	269
-67.5°	256	258	262	266	262	258	256	252	248	242	234
-70°	222	225	226	226	226	225	222	218	214	209	201
-72.5°	189	192	193	193	193	192	189	186	182	177	170
-75°	156	159	159	160	159	159	156	153	150	145	140
-77.5°	123	126	126	126	126	126	123	121	118	114	110
-80°	94	96	95	93	95	96	94	91	88	85	82
-82.5°	64	66	65	63	65	66	64	62	60	57	56
-85°	39	40	38	37	38	40	39	38	36	35	34
-87.5°	16	17	15	13	15	17	16	15	14	13	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627184 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-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	3	1	1	1	1	0	1
60°	16	11	15	15	13	8	8	7	3	3	3
57.5°	48	46	39	35	34	29	23	18	15	10	6
55°	73	69	62	55	49	45	41	35	29	22	17
52.5°	92	90	85	76	69	63	56	50	44	38	29
50°	128	122	114	105	96	87	79	69	59	53	45
47.5°	165	156	149	139	125	114	104	93	79	67	60
45°	200	187	177	166	153	139	127	114	100	86	73
42.5°	235	217	200	191	176	161	148	135	120	104	90
40°	279	252	235	221	206	184	171	157	141	122	108
37.5°	340	304	282	264	246	222	200	183	164	144	127
35°	423	378	337	310	290	261	234	211	189	168	146
32.5°	514	457	399	358	326	296	267	241	214	191	168
30°	646	553	472	407	365	329	296	267	238	212	190
27.5°	853	681	571	473	406	363	327	292	261	233	208
25°	1195	895	702	566	460	401	360	320	283	252	226
22.5°	1721	1255	908	679	547	464	401	349	306	275	245
20°	2634	1751	1217	889	678	536	451	387	339	300	265
17.5°	4057	2743	1620	1156	854	652	517	431	372	324	285
15°	5697	3861	2415	1542	1054	748	578	474	406	350	305
12.5°	7357	5016	3104	1856	1224	855	649	525	440	373	321
10°	8672	6048	3823	2310	1439	965	711	563	464	392	336
7.5°	10024	6895	4429	2650	1619	1056	759	593	483	407	348
5°	11012	7583	4944	2916	1760	1127	796	618	499	419	358
2.5°	11687	8052	5293	3080	1854	1177	825	636	513	427	365
0°	11999	8274	5454	3196	1906	1207	848	648	525	432	369
-2.5°	11926	8261	5356	3156	1908	1223	856	652	529	438	373
-5°	11449	7965	5181	3072	1860	1215	859	653	530	441	375
-7.5°	10782	7442	4790	2866	1762	1183	852	652	529	442	377
-10°	9744	6625	4250	2587	1630	1126	829	642	523	440	376
-12.5°	8463	5701	3615	2169	1448	1041	788	621	513	434	373
-15°	6967	4731	3027	1915	1299	954	738	594	500	424	367
-17.5°	5490	3702	2324	1576	1147	879	701	576	486	415	361
-20°	4035	2690	1875	1332	998	789	653	550	469	407	357

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REPORT NUMBER: P627184 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	2799	2032	1458	1093	882	725	610	521	449	396	350
-25°	2016	1510	1168	950	781	657	570	496	435	384	340
-27.5°	1481	1170	983	818	693	609	535	471	418	371	332
-30°	1142	975	832	711	631	561	503	449	401	358	322
-32.5°	926	822	715	641	575	521	472	426	382	345	310
-35°	788	710	640	582	530	485	442	402	365	331	297
-37.5°	689	627	579	532	492	452	416	382	348	314	284
-40°	615	567	528	491	457	424	394	363	331	298	271
-42.5°	559	522	486	455	426	401	374	345	314	284	259
-45°	514	482	450	425	402	378	355	327	299	272	247
-47.5°	473	448	423	399	377	356	335	310	285	260	234
-50°	439	417	394	373	355	336	315	294	269	244	221
-52.5°	405	388	371	353	335	315	296	274	251	229	209
-55°	380	364	348	331	313	296	277	256	235	216	194
-57.5°	355	340	325	310	296	278	258	239	218	198	178
-60°	328	315	301	287	273	257	237	218	199	180	161
-62.5°	295	283	271	258	245	230	212	194	178	162	144
-65°	259	248	237	225	212	198	182	169	156	143	128
-67.5°	224	215	204	192	180	168	157	146	134	122	107
-70°	193	184	174	164	153	143	132	122	111	100	89
-72.5°	163	155	147	138	128	119	110	101	91	82	72
-75°	134	128	121	113	105	97	89	82	74	67	59
-77.5°	105	100	95	89	83	77	71	65	58	52	46
-80°	78	74	71	66	62	57	52	47	42	38	33
-82.5°	54	52	50	46	43	39	36	32	29	25	22
-85°	32	31	29	27	25	23	21	18	16	14	12
-87.5°	12	12	12	11	10	9	8	7	6	6	5
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627184 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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	1	1	1	0	0	0	1	1	0	0
57.5°	5	4	2	2	2	1	0	1	1	1	0
55°	11	8	5	3	3	2	1	1	2	1	0
52.5°	21	14	10	5	3	3	2	2	2	2	1
50°	34	24	17	11	4	4	3	2	2	3	2
47.5°	50	37	26	17	10	5	4	3	3	3	2
45°	64	52	37	25	16	10	6	3	3	3	3
42.5°	77	66	51	33	24	15	9	5	3	3	3
40°	94	79	65	47	32	20	13	8	3	3	3
37.5°	110	94	78	60	41	27	17	11	5	4	3
35°	127	110	90	71	52	35	21	14	8	5	3
32.5°	144	124	103	82	62	43	27	18	11	6	3
30°	163	137	115	93	71	51	34	22	14	7	4
27.5°	181	151	126	103	80	59	42	26	17	9	5
25°	198	166	137	113	89	67	49	31	20	12	6
22.5°	215	181	148	121	100	75	55	37	24	14	7
20°	231	196	159	133	109	84	62	43	27	16	8
17.5°	247	210	174	145	118	92	68	48	31	18	10
15°	264	225	187	156	127	99	74	53	35	20	11
12.5°	278	238	199	166	136	106	80	57	39	22	13
10°	290	249	210	176	145	112	85	61	42	24	15
7.5°	301	259	219	184	152	118	89	64	45	26	16
5°	310	267	226	191	158	124	93	68	48	27	18
2.5°	315	272	232	196	163	129	97	71	51	29	19
0°	319	276	236	199	166	133	100	73	53	30	20
-2.5°	323	279	241	204	170	137	103	75	55	33	20
-5°	325	282	244	207	173	141	105	77	57	35	21
-7.5°	326	284	246	209	175	143	107	78	58	38	21
-10°	327	286	248	211	177	145	108	79	59	39	21
-12.5°	326	286	249	212	178	145	110	81	60	41	21
-15°	323	286	248	211	178	145	112	82	61	41	21
-17.5°	319	284	247	210	177	145	112	83	61	40	22
-20°	316	281	244	207	175	144	112	83	61	40	23

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REPORT NUMBER: P627184 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	311	275	239	204	173	143	111	82	60	39	24
-25°	305	269	234	201	171	141	110	80	59	38	25
-27.5°	296	261	228	197	168	139	107	78	57	37	25
-30°	287	255	223	193	164	135	103	76	55	36	25
-32.5°	276	247	217	187	158	130	98	73	53	36	25
-35°	267	239	211	180	152	124	94	69	51	36	24
-37.5°	256	230	201	172	146	118	91	67	49	35	24
-40°	246	220	191	165	139	111	87	65	47	34	23
-42.5°	235	208	182	158	132	107	83	63	46	33	22
-45°	222	197	174	150	125	102	80	60	44	31	21
-47.5°	210	188	165	141	119	96	75	57	41	30	20
-50°	200	178	154	132	111	91	70	53	39	28	19
-52.5°	188	165	143	122	103	84	65	48	37	26	17
-55°	173	151	130	112	94	76	59	45	34	24	16
-57.5°	157	136	119	102	85	68	53	41	31	22	15
-60°	142	124	108	91	75	60	47	37	28	19	13
-62.5°	128	112	95	79	65	53	42	33	24	18	12
-65°	111	96	82	69	57	46	37	29	22	16	11
-67.5°	93	81	70	58	48	39	32	25	19	14	10
-70°	78	67	57	48	40	33	27	22	16	12	9
-72.5°	64	55	46	38	33	28	23	18	14	10	8
-75°	51	44	37	31	27	22	19	15	11	8	6
-77.5°	40	34	29	25	21	18	14	11	8	7	5
-80°	29	25	22	19	16	13	10	8	6	5	4
-82.5°	19	17	15	14	11	9	7	5	4	3	3
-85°	11	10	9	8	6	5	4	3	3	2	2
-87.5°	5	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: P627184 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-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°	3	2	0	0	0	0	0
37.5°	3	2	0	0	0	0	0
35°	3	3	1	0	0	0	0
32.5°	3	3	1	0	0	0	0
30°	3	3	2	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°	5	3	3	0	0	0	0
7.5°	5	3	3	0	0	0	0
5°	6	3	3	0	0	0	0
2.5°	6	3	3	0	0	0	0
0°	7	3	3	0	0	0	0
-2.5°	8	4	3	0	0	0	0
-5°	9	4	3	0	0	0	0
-7.5°	10	4	3	1	0	0	0
-10°	11	5	3	1	0	0	0
-12.5°	12	5	3	1	0	0	0
-15°	13	5	3	1	0	0	0
-17.5°	13	5	3	1	0	0	0
-20°	13	5	3	1	0	0	0

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REPORT NUMBER: P627184 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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