

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: P627186 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627186 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-16)
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-MWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15033.7 lumens
Efficiency: N/A
Efficacy: 93.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 21062 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 10069.5 lumens
Beam Efficiency: 67.0%

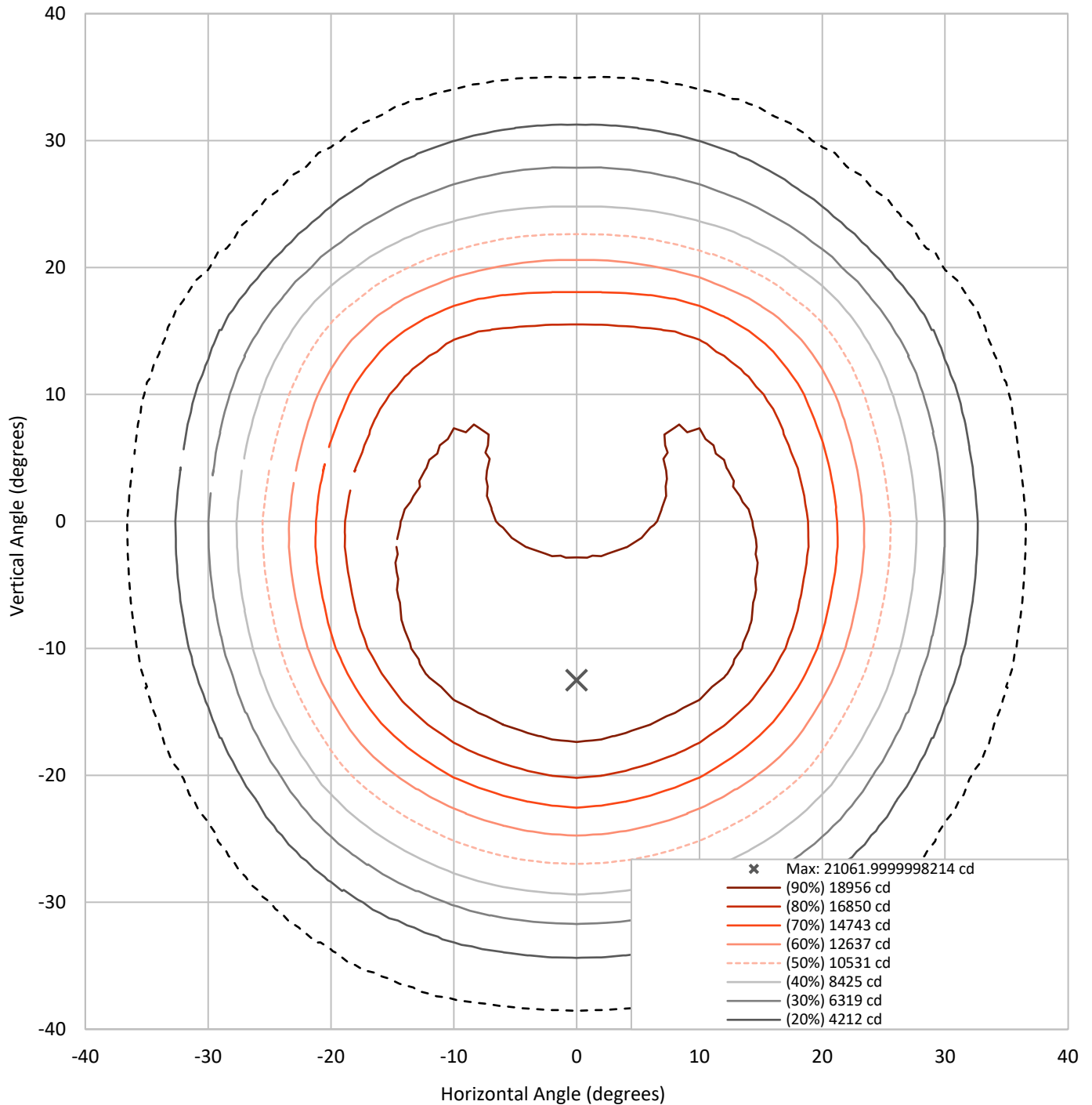
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 13550.6 lumens
Field Efficiency: 90.1%

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



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Iso-Candela Plot





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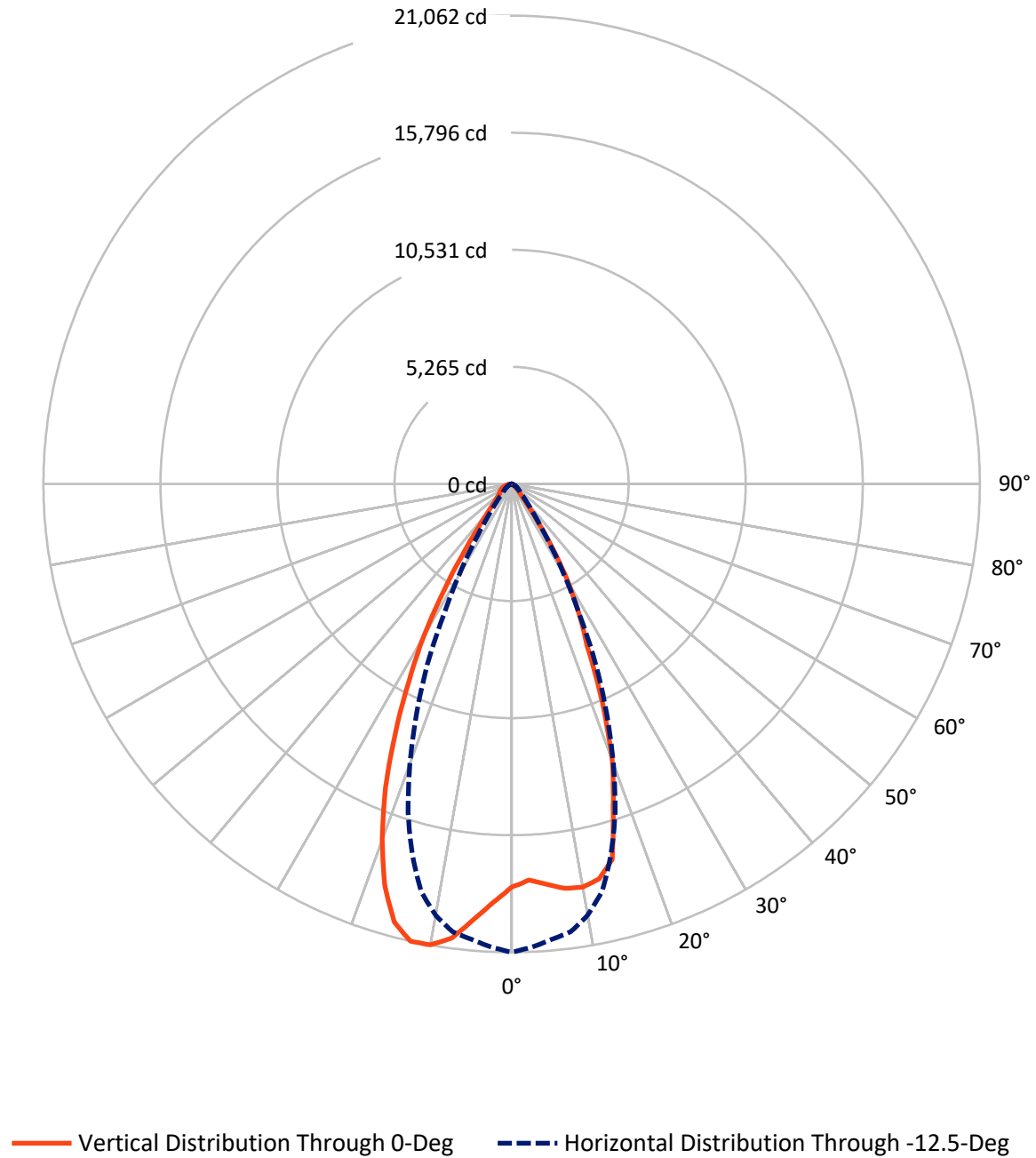
CATALOG NUMBER: GFLD-SA3D-722-U-MWR-VSR-XX

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				
70																			
60	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.5	1.2	2.1	2.9	3.3	3.3	2.9	2.1	1.2	0.5	0.1		0.0			
40	0.1	0.1	0.6	2.1	4.2	6.9	10.3	12.6	12.6	10.3	6.9	4.2	2.1	0.6	0.1	0.1			
30		0.3	1.7	4.4	9.0	19.5	44.4	67.8	67.8	44.4	19.5	9.0	4.4	1.7	0.3				
20	0.2	0.6	2.8	7.0	18.9	69.9	180.0	251.5	251.5	180.0	69.9	18.9	7.0	2.8	0.6	0.2			
10		1.0	3.9	10.9	44.9	194.1	404.9	501.3	501.3	404.9	194.1	44.9	10.9	3.9	1.0				
0	0.3	1.3	4.9	14.0	71.5	285.8	522.0	565.9	565.9	522.0	285.8	71.5	14.0	4.9	1.3	0.3			
-10		1.5	5.3	15.0	74.8	295.2	540.8	600.6	600.6	540.8	295.2	74.8	15.0	5.3	1.5				
-20	0.4	1.7	5.4	13.6	53.5	219.8	456.2	582.5	582.5	456.2	219.8	53.5	13.6	5.4	1.7	0.4			
-30		1.6	5.2	11.3	29.9	106.6	254.2	357.7	357.7	254.2	106.6	29.9	11.3	5.2	1.6				
-40	0.4	1.4	4.6	9.4	17.8	38.0	79.4	117.9	117.9	79.4	38.0	17.8	9.4	4.6	1.4	0.4			
-50		1.2	3.9	7.8	13.0	19.3	27.1	32.1	32.1	27.1	19.3	13.0	7.8	3.9	1.2				
-60	0.3	0.9	2.9	6.2	10.3	14.2	17.7	19.4	19.4	17.7	14.2	10.3	6.2	2.9	0.9	0.3			
-70		0.6	1.9	4.2	7.2	10.1	12.9	14.4	14.4	12.9	10.1	7.2	4.2	1.9	0.6				
-80	0.1	1.7		7.6		16.1		20.7		16.1		7.6		1.7		0.1			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

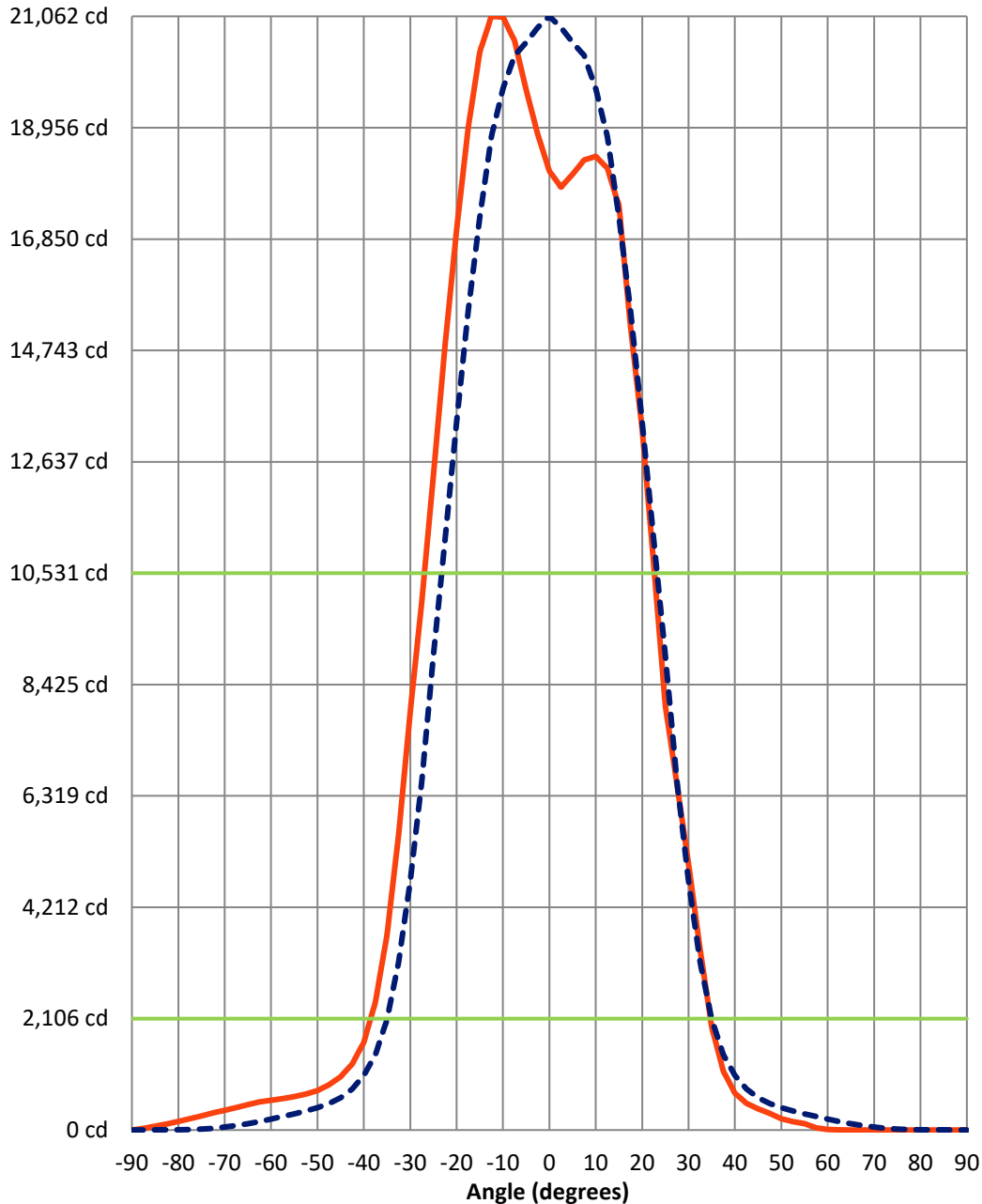
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 10069.5
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 13550.6
 Efficiency: 90.1%

Spill:
 Lumens: 1483.1
 Efficiency: 9.9%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -12.5-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	1	0	0	0	0	0
70°	0	0	0	0	1	1	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	1	0
65°	0	0	0	1	1	1	0	0	1	1	1
62.5°	0	0	0	1	2	1	1	1	2	2	2
60°	0	0	0	1	2	1	1	2	2	3	3
57.5°	0	0	0	2	2	2	1	3	3	3	4
55°	0	0	1	2	2	2	2	3	3	4	4
52.5°	0	0	1	3	2	2	3	4	3	4	4
50°	0	0	1	3	3	2	3	4	4	4	4
47.5°	0	0	1	3	3	3	4	4	4	4	5
45°	0	0	1	3	3	3	4	4	4	4	6
42.5°	0	0	2	3	3	3	4	5	4	5	7
40°	0	0	2	4	3	3	5	5	4	6	8
37.5°	0	0	2	4	3	3	5	5	6	8	10
35°	0	0	2	4	3	4	5	5	7	10	13
32.5°	0	0	2	4	3	4	6	5	8	12	21
30°	0	0	3	4	3	4	6	6	10	15	28
27.5°	0	0	3	4	4	5	6	7	11	18	34
25°	0	0	3	4	4	5	6	8	14	23	40
22.5°	0	0	3	4	4	6	7	9	17	28	47
20°	0	0	3	4	4	6	7	10	20	33	55
17.5°	0	0	3	4	4	6	7	11	23	37	62
15°	0	0	3	4	4	6	7	13	26	41	70
12.5°	0	0	3	4	4	6	8	15	29	44	77
10°	0	0	3	4	4	7	8	18	31	50	84
7.5°	0	0	3	4	4	7	9	20	33	56	90
5°	0	0	3	4	4	7	9	23	35	62	94
2.5°	0	0	3	4	4	7	10	25	37	67	97
0°	0	0	4	4	4	7	10	28	38	72	100
-2.5°	0	0	3	4	4	7	12	29	43	76	105
-5°	0	0	3	4	4	8	14	29	47	79	110
-7.5°	0	0	3	4	4	8	16	30	51	81	114
-10°	0	0	3	4	5	8	17	31	55	83	117
-12.5°	0	0	3	4	5	8	18	31	57	85	119
-15°	0	0	3	4	5	9	19	31	58	86	120
-17.5°	0	1	3	4	5	9	19	32	58	86	120
-20°	0	1	3	4	5	9	20	34	57	85	119

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REPORT NUMBER: P627186 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	1	3	4	5	9	20	35	56	84	116
-25°	0	1	3	4	5	9	20	35	55	82	111
-27.5°	0	1	3	4	5	10	20	35	53	80	109
-30°	0	1	3	4	5	11	19	34	53	78	106
-32.5°	0	1	3	4	5	11	19	34	52	76	101
-35°	0	1	3	4	6	11	19	33	51	73	96
-37.5°	0	1	3	4	6	11	19	32	48	71	95
-40°	0	1	3	4	6	11	19	30	46	68	93
-42.5°	0	1	3	4	6	11	19	29	43	64	90
-45°	0	1	3	4	6	11	18	28	41	60	86
-47.5°	0	1	3	4	6	11	18	27	39	56	81
-50°	0	1	3	4	6	11	17	26	37	53	74
-52.5°	0	1	3	4	6	11	17	25	36	51	68
-55°	0	1	3	4	6	10	16	23	34	47	64
-57.5°	0	1	3	4	6	10	15	22	32	44	59
-60°	0	1	3	4	6	10	14	21	30	41	54
-62.5°	0	1	3	4	6	9	14	20	28	38	50
-65°	0	1	3	4	6	8	13	18	25	34	45
-67.5°	0	1	2	4	6	8	11	16	22	30	40
-70°	0	1	2	4	6	7	10	14	20	26	34
-72.5°	0	1	2	4	5	7	9	12	17	22	29
-75°	0	0	2	3	5	7	9	11	14	18	24
-77.5°	0	0	1	3	4	6	8	10	12	15	18
-80°	0	0	1	2	4	5	7	9	10	13	15
-82.5°	0	0	1	2	3	4	5	7	9	10	12
-85°	0	0	1	1	2	3	4	5	6	7	9
-87.5°	0	0	0	1	1	1	2	2	3	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627186 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-722-U-MWR-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	1	1	1	0	0	0	0	0	0	0
65°	2	2	2	1	0	1	1	1	0	0	0
62.5°	3	3	2	1	2	3	2	1	0	1	1
60°	4	3	2	3	4	3	2	2	3	3	8
57.5°	4	3	3	4	4	4	4	5	12	21	23
55°	4	3	4	5	5	6	9	19	29	36	38
52.5°	4	4	5	6	8	13	24	35	44	51	61
50°	5	6	7	10	15	27	40	53	65	76	89
47.5°	6	7	10	15	28	43	59	75	89	104	123
45°	7	11	15	27	43	62	82	99	114	132	149
42.5°	9	17	25	38	61	83	106	120	137	156	179
40°	14	24	36	56	80	107	127	143	160	187	214
37.5°	21	33	48	73	103	129	148	167	192	224	256
35°	29	42	64	92	125	149	171	195	229	265	304
32.5°	37	51	80	112	142	169	193	228	264	304	357
30°	44	64	95	130	159	186	220	259	295	344	406
27.5°	53	78	111	145	175	203	248	286	327	383	457
25°	62	92	126	159	189	226	274	315	357	428	528
22.5°	72	105	141	172	203	249	301	352	407	478	601
20°	84	117	154	187	217	272	330	392	467	566	728
17.5°	94	129	166	203	240	296	361	435	528	651	888
15°	104	139	178	218	262	321	393	483	596	748	1044
12.5°	113	148	190	233	282	343	420	518	651	871	1243
10°	120	156	202	247	298	363	444	548	697	959	1391
7.5°	127	165	212	261	313	380	464	572	737	1029	1507
5°	133	175	221	271	324	395	481	591	771	1079	1596
2.5°	138	185	229	280	332	406	494	609	803	1121	1672
0°	142	193	235	287	338	414	504	622	829	1150	1730
-2.5°	147	198	243	292	348	420	509	631	837	1154	1718
-5°	151	201	250	296	356	424	510	635	836	1145	1683
-7.5°	154	203	255	299	360	426	510	632	827	1126	1626
-10°	156	205	256	303	361	425	508	624	808	1089	1539
-12.5°	160	207	257	305	361	423	501	611	777	1033	1428
-15°	162	208	256	305	359	418	490	591	735	959	1290
-17.5°	163	208	255	302	356	412	476	568	697	894	1191
-20°	163	208	254	297	352	405	466	550	665	831	1071

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	161	206	252	293	345	397	455	528	625	761	955
-25°	158	204	249	290	337	389	440	504	589	709	870
-27.5°	152	200	243	286	329	379	427	485	559	652	781
-30°	145	194	237	280	322	368	415	464	529	609	713
-32.5°	137	187	229	271	314	358	401	447	503	570	651
-35°	132	179	222	261	303	346	388	430	476	535	605
-37.5°	129	170	214	251	291	332	373	413	456	502	565
-40°	125	162	205	242	278	318	357	396	435	482	530
-42.5°	119	156	195	233	267	304	341	378	418	461	506
-45°	114	148	186	221	256	290	326	361	399	440	482
-47.5°	108	140	176	207	241	276	310	345	378	416	457
-50°	100	130	163	193	223	258	292	327	360	392	428
-52.5°	92	119	150	180	207	236	272	307	340	372	403
-55°	83	108	136	166	193	219	249	285	318	349	381
-57.5°	76	97	123	151	178	204	233	263	295	325	356
-60°	70	87	109	135	162	188	215	243	273	302	330
-62.5°	64	79	96	118	143	169	195	221	249	274	299
-65°	58	70	85	102	122	146	171	196	221	243	265
-67.5°	51	62	74	87	104	124	144	167	190	212	232
-70°	44	53	64	75	88	104	122	141	159	178	198
-72.5°	36	45	54	63	74	88	102	117	133	150	167
-75°	30	36	44	52	62	73	84	97	110	123	137
-77.5°	24	29	35	41	49	57	67	77	87	98	108
-80°	18	22	27	32	38	44	50	57	65	74	82
-82.5°	14	17	20	24	27	31	36	41	46	53	59
-85°	10	12	14	16	18	20	23	26	30	33	38
-87.5°	5	6	7	8	9	10	11	12	14	16	18
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627186 (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	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	2	2	2	3	3
60°	9	7	9	11	11	8	12	14	13	10	11
57.5°	24	26	30	35	39	41	44	48	50	52	53
55°	44	53	63	67	74	86	96	96	98	101	106
52.5°	71	81	86	94	109	118	123	131	139	148	155
50°	103	112	122	135	150	159	162	176	193	207	216
47.5°	136	147	166	189	202	212	226	244	263	284	300
45°	166	187	211	231	248	265	285	307	337	365	387
42.5°	200	224	248	272	289	319	353	380	423	460	484
40°	240	263	298	328	364	401	460	514	568	631	677
37.5°	288	324	373	421	474	530	634	741	828	950	1018
35°	345	402	471	542	628	762	914	1120	1334	1513	1684
32.5°	412	484	580	707	852	1066	1295	1674	2044	2413	2775
30°	477	582	728	903	1141	1480	1911	2498	3132	3689	4192
27.5°	564	713	903	1164	1569	2067	2862	3676	4485	5207	5725
25°	670	868	1138	1570	2155	2980	4046	5044	5993	6701	7297
22.5°	823	1120	1503	2052	3115	4262	5538	6793	7859	8751	9339
20°	1011	1413	2053	3050	4299	5734	7376	8697	10010	11013	11910
17.5°	1278	1918	2822	4088	5581	7494	9185	10658	12325	13351	14265
15°	1518	2341	3630	5244	6994	9022	11016	12820	14429	15556	16578
12.5°	1821	2791	4272	6171	8085	10342	12415	14347	15923	17083	17798
10°	2093	3251	4913	6899	9042	11400	13549	15559	17086	17982	18508
7.5°	2313	3634	5433	7523	9785	12159	14428	16423	17884	18634	18993
5°	2483	3918	5840	8034	10383	12812	15128	17082	18312	18932	19133
2.5°	2611	4116	6114	8370	10787	13295	15660	17585	18634	19082	19148
0°	2697	4254	6292	8582	11134	13468	15948	17902	18900	19259	19294
-2.5°	2677	4204	6284	8505	11094	13546	15993	17922	18990	19473	19551
-5°	2622	4086	6076	8287	10778	13234	15568	17605	18916	19645	19968
-7.5°	2517	3882	5719	7872	10267	12725	15106	17219	18727	19753	20384
-10°	2338	3583	5263	7345	9706	12048	14402	16595	18219	19454	20333
-12.5°	2094	3178	4708	6600	8973	11160	13388	15490	17263	18785	19694
-15°	1842	2756	4130	5862	7928	10081	12140	14202	15952	17375	18509
-17.5°	1662	2386	3461	4976	6791	8834	10842	12736	14315	15654	16843
-20°	1435	1972	2824	4098	5695	7481	9405	11091	12501	13756	14892

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REPORT NUMBER: P627186 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1254	1689	2304	3173	4608	6183	7757	9309	10635	11752	12722
-25°	1089	1395	1876	2583	3516	4876	6202	7513	8737	9775	10649
-27.5°	960	1203	1524	2027	2735	3529	4691	5786	6839	7788	8612
-30°	843	1025	1276	1591	2072	2662	3361	4180	5019	5769	6517
-32.5°	759	888	1061	1294	1564	1986	2409	2960	3491	4038	4575
-35°	683	787	905	1061	1246	1492	1770	2107	2391	2749	3079
-37.5°	631	705	794	893	1025	1163	1351	1556	1732	1931	2099
-40°	588	646	706	773	864	957	1078	1193	1305	1426	1517
-42.5°	552	598	642	693	747	822	903	975	1043	1114	1174
-45°	524	558	593	633	674	728	786	839	884	923	956
-47.5°	493	524	555	586	621	660	698	732	769	800	822
-50°	463	494	522	549	579	610	640	667	693	716	730
-52.5°	434	466	493	518	543	569	594	618	641	661	671
-55°	412	441	469	491	513	534	556	579	601	620	626
-57.5°	387	417	444	464	484	503	524	545	566	584	590
-60°	359	391	414	433	454	475	494	513	532	548	555
-62.5°	326	354	376	395	413	430	451	472	491	507	517
-65°	286	310	331	351	368	385	405	423	441	455	466
-67.5°	252	270	288	305	322	339	357	375	392	404	412
-70°	217	235	251	267	282	297	312	327	341	352	360
-72.5°	183	199	213	227	241	254	267	279	292	301	309
-75°	151	165	177	189	200	211	221	231	240	248	255
-77.5°	119	130	140	150	160	169	177	184	191	198	205
-80°	91	99	107	114	122	128	134	140	145	151	156
-82.5°	66	71	76	81	86	90	95	99	103	107	110
-85°	42	45	47	50	53	56	58	61	63	66	68
-87.5°	20	21	22	24	25	26	28	29	30	31	32
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627186 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-722-U-MWR-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	0
62.5°	3	3	3	3	3	3	3	3	3	2	2
60°	11	10	10	10	10	10	11	11	10	13	14
57.5°	52	48	45	41	45	48	52	53	52	50	48
55°	113	119	122	121	122	119	113	106	101	98	96
52.5°	160	163	163	159	163	163	160	155	148	139	131
50°	219	219	218	214	218	219	219	216	207	193	176
47.5°	308	312	315	314	315	312	308	300	284	263	244
45°	395	399	401	401	401	399	395	387	365	337	307
42.5°	497	504	507	504	507	504	497	484	460	423	380
40°	704	713	708	698	708	713	704	677	631	568	514
37.5°	1066	1100	1115	1115	1115	1100	1066	1018	950	828	741
35°	1839	1962	2018	1948	2018	1962	1839	1684	1513	1334	1120
32.5°	3071	3289	3412	3412	3412	3289	3071	2775	2413	2044	1674
30°	4572	4845	4999	5032	4999	4845	4572	4192	3689	3132	2498
27.5°	6130	6412	6559	6537	6559	6412	6130	5725	5207	4485	3676
25°	7692	7906	8029	8033	8029	7906	7692	7297	6701	5993	5044
22.5°	10000	10450	10635	10685	10635	10450	10000	9339	8751	7859	6793
20°	12516	12952	13234	13251	13234	12952	12516	11910	11013	10010	8697
17.5°	14913	15130	15170	15188	15170	15130	14913	14265	13351	12325	10658
15°	17173	17249	17449	17474	17449	17249	17173	16578	15556	14429	12820
12.5°	18247	18316	18282	18189	18282	18316	18247	17798	17083	15923	14347
10°	18832	18734	18588	18413	18588	18734	18832	18508	17982	17086	15559
7.5°	18964	18855	18599	18344	18599	18855	18964	18993	18634	17884	16423
5°	19027	18708	18384	18075	18384	18708	19027	19133	18932	18312	17082
2.5°	18990	18610	18165	17833	18165	18610	18990	19148	19082	18634	17585
0°	19111	18727	18261	18137	18261	18727	19111	19294	19259	18900	17902
-2.5°	19448	19137	18894	18828	18894	19137	19448	19551	19473	18990	17922
-5°	20055	19987	19573	19670	19573	19987	20055	19968	19645	18916	17605
-7.5°	20641	20544	20369	20596	20369	20544	20641	20384	19753	18727	17219
-10°	20797	20765	20847	21048	20847	20765	20797	20333	19454	18219	16595
-12.5°	20319	20570	20851	21062	20851	20570	20319	19694	18785	17263	15490
-15°	19254	19766	20186	20385	20186	19766	19254	18509	17375	15952	14202
-17.5°	17685	18313	18810	18952	18810	18313	17685	16843	15654	14315	12736
-20°	15753	16392	16844	17025	16844	16392	15753	14892	13756	12501	11091

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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13579	14202	14613	14829	14613	14202	13579	12722	11752	10635	9309
-25°	11372	11920	12284	12380	12284	11920	11372	10649	9775	8737	7513
-27.5°	9262	9703	9971	10001	9971	9703	9262	8612	7788	6839	5786
-30°	7139	7549	7781	7905	7781	7549	7139	6517	5769	5019	4180
-32.5°	5014	5339	5536	5588	5536	5339	5014	4575	4038	3491	2960
-35°	3343	3545	3670	3695	3670	3545	3343	3079	2749	2391	2107
-37.5°	2235	2334	2394	2424	2394	2334	2235	2099	1931	1732	1556
-40°	1584	1630	1656	1661	1656	1630	1584	1517	1426	1305	1193
-42.5°	1211	1235	1247	1250	1247	1235	1211	1174	1114	1043	975
-45°	979	995	1005	1008	1005	995	979	956	923	884	839
-47.5°	837	848	854	856	854	848	837	822	800	769	732
-50°	739	745	747	746	747	745	739	730	716	693	667
-52.5°	677	681	682	680	682	681	677	671	661	641	618
-55°	630	633	634	632	634	633	630	626	620	601	579
-57.5°	595	599	598	594	598	599	595	590	584	566	545
-60°	560	564	564	563	564	564	560	555	548	532	513
-62.5°	525	532	533	532	533	532	525	517	507	491	472
-65°	475	483	483	480	483	483	475	466	455	441	423
-67.5°	420	426	426	425	426	426	420	412	404	392	375
-70°	368	374	374	373	374	374	368	360	352	341	327
-72.5°	316	323	324	325	324	323	316	309	301	292	279
-75°	262	268	267	266	267	268	262	255	248	240	231
-77.5°	211	216	216	214	216	216	211	205	198	191	184
-80°	161	165	164	162	164	165	161	156	151	145	140
-82.5°	114	117	116	114	116	117	114	110	107	103	99
-85°	70	72	72	73	72	72	70	68	66	63	61
-87.5°	33	34	33	31	33	34	33	32	31	30	29
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627186 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-722-U-MWR-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°	0	0	0	0	0	0	0	0	0	0	1
62.5°	2	1	1	1	1	1	1	1	1	0	1
60°	12	8	11	11	9	7	9	8	3	3	2
57.5°	44	41	39	35	30	26	24	23	21	12	5
55°	96	86	74	67	63	53	44	38	36	29	19
52.5°	123	118	109	94	86	81	71	61	51	44	35
50°	162	159	150	135	122	112	103	89	76	65	53
47.5°	226	212	202	189	166	147	136	123	104	89	75
45°	285	265	248	231	211	187	166	149	132	114	99
42.5°	353	319	289	272	248	224	200	179	156	137	120
40°	460	401	364	328	298	263	240	214	187	160	143
37.5°	634	530	474	421	373	324	288	256	224	192	167
35°	914	762	628	542	471	402	345	304	265	229	195
32.5°	1295	1066	852	707	580	484	412	357	304	264	228
30°	1911	1480	1141	903	728	582	477	406	344	295	259
27.5°	2862	2067	1569	1164	903	713	564	457	383	327	286
25°	4046	2980	2155	1570	1138	868	670	528	428	357	315
22.5°	5538	4262	3115	2052	1503	1120	823	601	478	407	352
20°	7376	5734	4299	3050	2053	1413	1011	728	566	467	392
17.5°	9185	7494	5581	4088	2822	1918	1278	888	651	528	435
15°	11016	9022	6994	5244	3630	2341	1518	1044	748	596	483
12.5°	12415	10342	8085	6171	4272	2791	1821	1243	871	651	518
10°	13549	11400	9042	6899	4913	3251	2093	1391	959	697	548
7.5°	14428	12159	9785	7523	5433	3634	2313	1507	1029	737	572
5°	15128	12812	10383	8034	5840	3918	2483	1596	1079	771	591
2.5°	15660	13295	10787	8370	6114	4116	2611	1672	1121	803	609
0°	15948	13468	11134	8582	6292	4254	2697	1730	1150	829	622
-2.5°	15993	13546	11094	8505	6284	4204	2677	1718	1154	837	631
-5°	15568	13234	10778	8287	6076	4086	2622	1683	1145	836	635
-7.5°	15106	12725	10267	7872	5719	3882	2517	1626	1126	827	632
-10°	14402	12048	9706	7345	5263	3583	2338	1539	1089	808	624
-12.5°	13388	11160	8973	6600	4708	3178	2094	1428	1033	777	611
-15°	12140	10081	7928	5862	4130	2756	1842	1290	959	735	591
-17.5°	10842	8834	6791	4976	3461	2386	1662	1191	894	697	568
-20°	9405	7481	5695	4098	2824	1972	1435	1071	831	665	550

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REPORT NUMBER: P627186 (CONVERTED FROM TYPE C PHOTOMETRY)

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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7757	6183	4608	3173	2304	1689	1254	955	761	625	528
-25°	6202	4876	3516	2583	1876	1395	1089	870	709	589	504
-27.5°	4691	3529	2735	2027	1524	1203	960	781	652	559	485
-30°	3361	2662	2072	1591	1276	1025	843	713	609	529	464
-32.5°	2409	1986	1564	1294	1061	888	759	651	570	503	447
-35°	1770	1492	1246	1061	905	787	683	605	535	476	430
-37.5°	1351	1163	1025	893	794	705	631	565	502	456	413
-40°	1078	957	864	773	706	646	588	530	482	435	396
-42.5°	903	822	747	693	642	598	552	506	461	418	378
-45°	786	728	674	633	593	558	524	482	440	399	361
-47.5°	698	660	621	586	555	524	493	457	416	378	345
-50°	640	610	579	549	522	494	463	428	392	360	327
-52.5°	594	569	543	518	493	466	434	403	372	340	307
-55°	556	534	513	491	469	441	412	381	349	318	285
-57.5°	524	503	484	464	444	417	387	356	325	295	263
-60°	494	475	454	433	414	391	359	330	302	273	243
-62.5°	451	430	413	395	376	354	326	299	274	249	221
-65°	405	385	368	351	331	310	286	265	243	221	196
-67.5°	357	339	322	305	288	270	252	232	212	190	167
-70°	312	297	282	267	251	235	217	198	178	159	141
-72.5°	267	254	241	227	213	199	183	167	150	133	117
-75°	221	211	200	189	177	165	151	137	123	110	97
-77.5°	177	169	160	150	140	130	119	108	98	87	77
-80°	134	128	122	114	107	99	91	82	74	65	57
-82.5°	95	90	86	81	76	71	66	59	53	46	41
-85°	58	56	53	50	47	45	42	38	33	30	26
-87.5°	28	26	25	24	22	21	20	18	16	14	12
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627186 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-722-U-MWR-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	1	1	1	0	0	1	0	0
65°	1	1	0	1	2	2	2	1	1	1	0
62.5°	2	3	2	1	2	3	3	2	2	2	1
60°	2	3	4	3	2	3	4	3	3	2	2
57.5°	4	4	4	4	3	3	4	4	3	3	3
55°	9	6	5	5	4	3	4	4	4	3	3
52.5°	24	13	8	6	5	4	4	4	4	3	4
50°	40	27	15	10	7	6	5	4	4	4	4
47.5°	59	43	28	15	10	7	6	5	4	4	4
45°	82	62	43	27	15	11	7	6	4	4	4
42.5°	106	83	61	38	25	17	9	7	5	4	5
40°	127	107	80	56	36	24	14	8	6	4	5
37.5°	148	129	103	73	48	33	21	10	8	6	5
35°	171	149	125	92	64	42	29	13	10	7	5
32.5°	193	169	142	112	80	51	37	21	12	8	5
30°	220	186	159	130	95	64	44	28	15	10	6
27.5°	248	203	175	145	111	78	53	34	18	11	7
25°	274	226	189	159	126	92	62	40	23	14	8
22.5°	301	249	203	172	141	105	72	47	28	17	9
20°	330	272	217	187	154	117	84	55	33	20	10
17.5°	361	296	240	203	166	129	94	62	37	23	11
15°	393	321	262	218	178	139	104	70	41	26	13
12.5°	420	343	282	233	190	148	113	77	44	29	15
10°	444	363	298	247	202	156	120	84	50	31	18
7.5°	464	380	313	261	212	165	127	90	56	33	20
5°	481	395	324	271	221	175	133	94	62	35	23
2.5°	494	406	332	280	229	185	138	97	67	37	25
0°	504	414	338	287	235	193	142	100	72	38	28
-2.5°	509	420	348	292	243	198	147	105	76	43	29
-5°	510	424	356	296	250	201	151	110	79	47	29
-7.5°	510	426	360	299	255	203	154	114	81	51	30
-10°	508	425	361	303	256	205	156	117	83	55	31
-12.5°	501	423	361	305	257	207	160	119	85	57	31
-15°	490	418	359	305	256	208	162	120	86	58	31
-17.5°	476	412	356	302	255	208	163	120	86	58	32
-20°	466	405	352	297	254	208	163	119	85	57	34

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REPORT NUMBER: P627186 (CONVERTED FROM TYPE C PHOTOMETRY)

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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	455	397	345	293	252	206	161	116	84	56	35
-25°	440	389	337	290	249	204	158	111	82	55	35
-27.5°	427	379	329	286	243	200	152	109	80	53	35
-30°	415	368	322	280	237	194	145	106	78	53	34
-32.5°	401	358	314	271	229	187	137	101	76	52	34
-35°	388	346	303	261	222	179	132	96	73	51	33
-37.5°	373	332	291	251	214	170	129	95	71	48	32
-40°	357	318	278	242	205	162	125	93	68	46	30
-42.5°	341	304	267	233	195	156	119	90	64	43	29
-45°	326	290	256	221	186	148	114	86	60	41	28
-47.5°	310	276	241	207	176	140	108	81	56	39	27
-50°	292	258	223	193	163	130	100	74	53	37	26
-52.5°	272	236	207	180	150	119	92	68	51	36	25
-55°	249	219	193	166	136	108	83	64	47	34	23
-57.5°	233	204	178	151	123	97	76	59	44	32	22
-60°	215	188	162	135	109	87	70	54	41	30	21
-62.5°	195	169	143	118	96	79	64	50	38	28	20
-65°	171	146	122	102	85	70	58	45	34	25	18
-67.5°	144	124	104	87	74	62	51	40	30	22	16
-70°	122	104	88	75	64	53	44	34	26	20	14
-72.5°	102	88	74	63	54	45	36	29	22	17	12
-75°	84	73	62	52	44	36	30	24	18	14	11
-77.5°	67	57	49	41	35	29	24	18	15	12	10
-80°	50	44	38	32	27	22	18	15	13	10	9
-82.5°	36	31	27	24	20	17	14	12	10	9	7
-85°	23	20	18	16	14	12	10	9	7	6	5
-87.5°	11	10	9	8	7	6	5	4	4	3	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: P627186 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-722-U-MWR-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	1	0	0	0	0	0
70°	0	1	1	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	0	1	1	1	0	0	0
62.5°	1	1	2	1	0	0	0
60°	1	1	2	1	0	0	0
57.5°	1	2	2	2	0	0	0
55°	2	2	2	2	1	0	0
52.5°	3	2	2	3	1	0	0
50°	3	2	3	3	1	0	0
47.5°	4	3	3	3	1	0	0
45°	4	3	3	3	1	0	0
42.5°	4	3	3	3	2	0	0
40°	5	3	3	4	2	0	0
37.5°	5	3	3	4	2	0	0
35°	5	4	3	4	2	0	0
32.5°	6	4	3	4	2	0	0
30°	6	4	3	4	3	0	0
27.5°	6	5	4	4	3	0	0
25°	6	5	4	4	3	0	0
22.5°	7	6	4	4	3	0	0
20°	7	6	4	4	3	0	0
17.5°	7	6	4	4	3	0	0
15°	7	6	4	4	3	0	0
12.5°	8	6	4	4	3	0	0
10°	8	7	4	4	3	0	0
7.5°	9	7	4	4	3	0	0
5°	9	7	4	4	3	0	0
2.5°	10	7	4	4	3	0	0
0°	10	7	4	4	4	0	0
-2.5°	12	7	4	4	3	0	0
-5°	14	8	4	4	3	0	0
-7.5°	16	8	4	4	3	0	0
-10°	17	8	5	4	3	0	0
-12.5°	18	8	5	4	3	0	0
-15°	19	9	5	4	3	0	0
-17.5°	19	9	5	4	3	1	0
-20°	20	9	5	4	3	1	0

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REPORT NUMBER: P627186 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20	9	5	4	3	1	0
-25°	20	9	5	4	3	1	0
-27.5°	20	10	5	4	3	1	0
-30°	19	11	5	4	3	1	0
-32.5°	19	11	5	4	3	1	0
-35°	19	11	6	4	3	1	0
-37.5°	19	11	6	4	3	1	0
-40°	19	11	6	4	3	1	0
-42.5°	19	11	6	4	3	1	0
-45°	18	11	6	4	3	1	0
-47.5°	18	11	6	4	3	1	0
-50°	17	11	6	4	3	1	0
-52.5°	17	11	6	4	3	1	0
-55°	16	10	6	4	3	1	0
-57.5°	15	10	6	4	3	1	0
-60°	14	10	6	4	3	1	0
-62.5°	14	9	6	4	3	1	0
-65°	13	8	6	4	3	1	0
-67.5°	11	8	6	4	2	1	0
-70°	10	7	6	4	2	1	0
-72.5°	9	7	5	4	2	1	0
-75°	9	7	5	3	2	0	0
-77.5°	8	6	4	3	1	0	0
-80°	7	5	4	2	1	0	0
-82.5°	5	4	3	2	1	0	0
-85°	4	3	2	1	1	0	0
-87.5°	2	1	1	1	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)