

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: P627216 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-735-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627216 (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-735-U-MWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

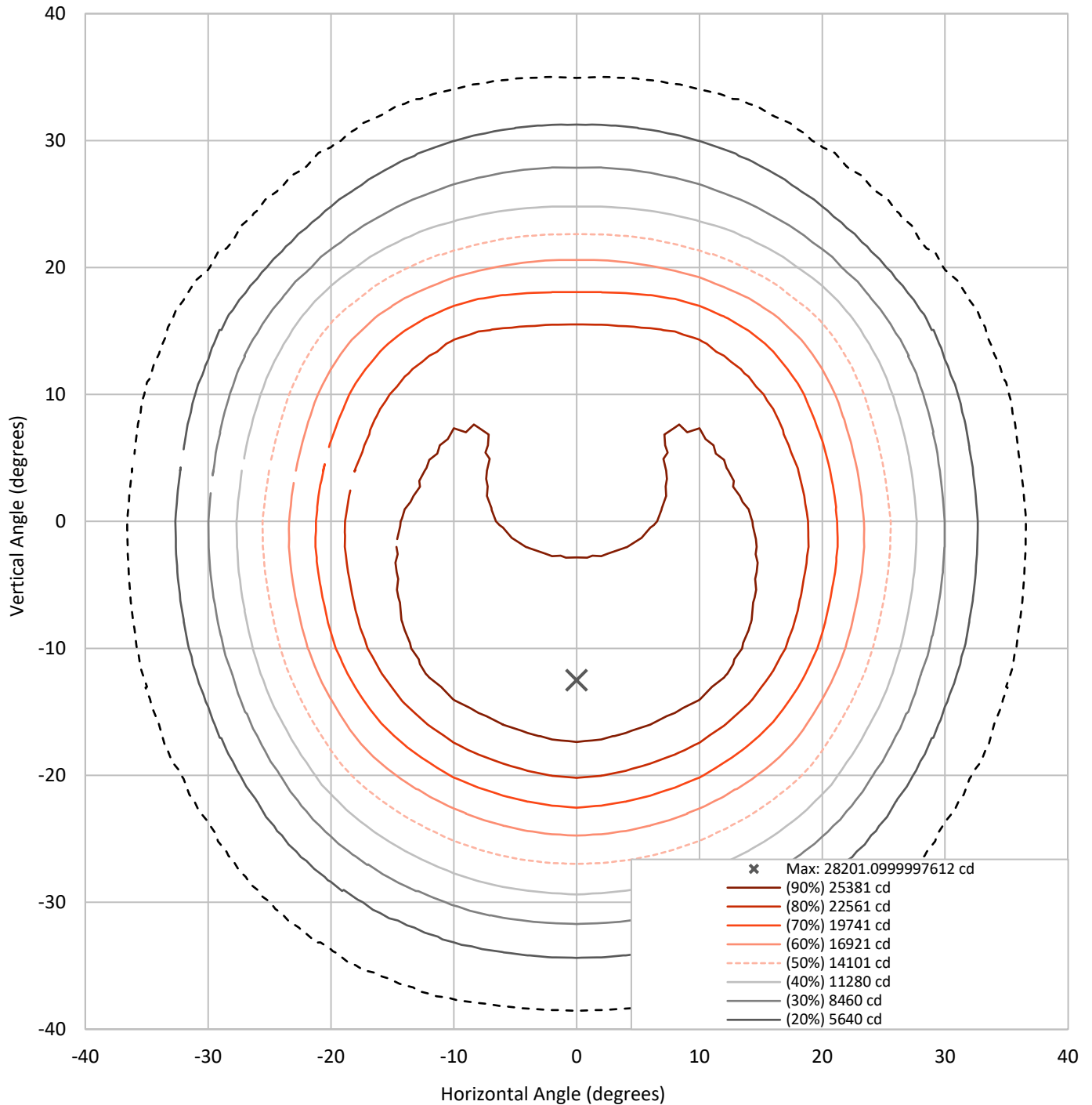
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 5V
Luminaire Lumens:	20129.4 lumens	Max Intensity:	28201.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -12.5°V
Efficacy:	125.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	46.4°H x 49.6°V	Field Angle (10%):	69.9°H x 73.3°V
Beam Lumens:	13482.7 lumens	Field Lumens:	18143.6 lumens
Beam Efficiency:	67.0%	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		



REPORT NUMBER: P627216 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-735-U-MWR-VSR-XX

Iso-Candela Plot





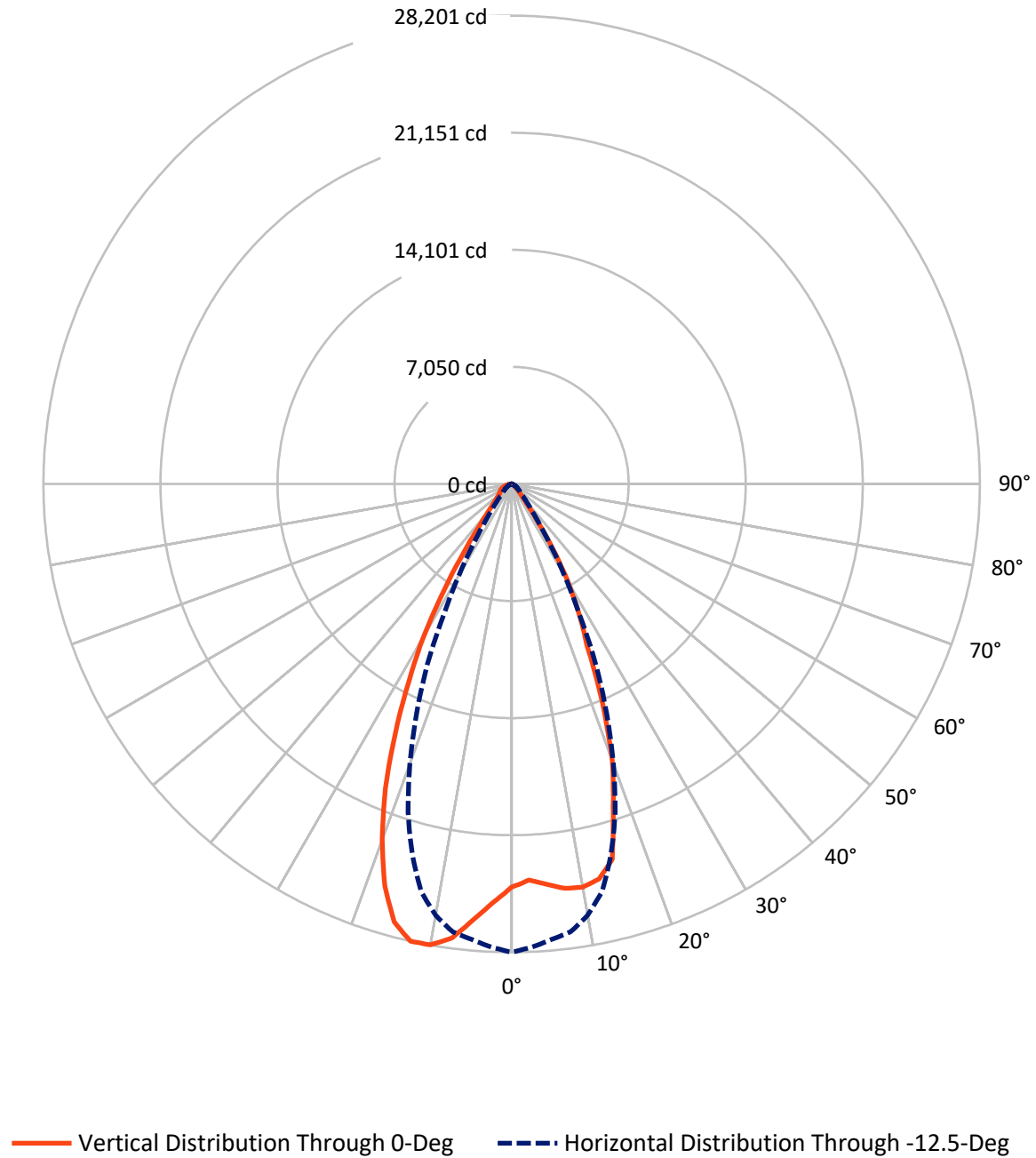
REPORT NUMBER: P627216 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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		0.1	0.1	0.7	1.6	2.8	3.8	4.5	4.5	3.8	2.8	1.6	0.7	0.1		0.1			
40	0.1	0.1	0.8	2.8	5.7	9.2	13.8	16.9	16.9	13.8	9.2	5.7	2.8	0.8	0.1	0.1			
30		0.4	2.2	5.8	12.1	26.1	59.4	90.7	90.7	59.4	26.1	12.1	5.8	2.2	0.4				
20	0.2	0.8	3.8	9.4	25.3	93.6	241.0	336.8	336.8	241.0	93.6	25.3	9.4	3.8	0.8	0.2			
10		1.3	5.2	14.5	60.1	259.9	542.1	671.2	671.2	542.1	259.9	60.1	14.5	5.2	1.3				
0	0.4	1.8	6.5	18.7	95.7	382.7	698.9	757.7	757.7	698.9	382.7	95.7	18.7	6.5	1.8	0.4			
-10		2.1	7.2	20.1	100.1	395.2	724.1	804.2	804.2	724.1	395.2	100.1	20.1	7.2	2.1				
-20	0.6	2.2	7.3	18.2	71.6	294.3	610.9	780.0	780.0	610.9	294.3	71.6	18.2	7.3	2.2	0.6			
-30		2.1	6.9	15.2	40.1	142.8	340.4	479.0	479.0	340.4	142.8	40.1	15.2	6.9	2.1				
-40	0.5	1.9	6.2	12.6	23.9	50.8	106.4	157.8	157.8	106.4	50.8	23.9	12.6	6.2	1.9	0.5			
-50		1.6	5.2	10.5	17.5	25.8	36.3	43.0	43.0	36.3	25.8	17.5	10.5	5.2	1.6				
-60	0.4	1.2	3.9	8.2	13.7	19.0	23.7	26.0	26.0	23.7	19.0	13.7	8.2	3.9	1.2	0.4			
-70		0.8	2.5	5.6	9.6	13.6	17.2	19.2	19.2	17.2	13.6	9.6	5.6	2.5	0.8				
-80	0.2	2.2	10.1	21.6	27.7	21.6	10.1	2.2	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

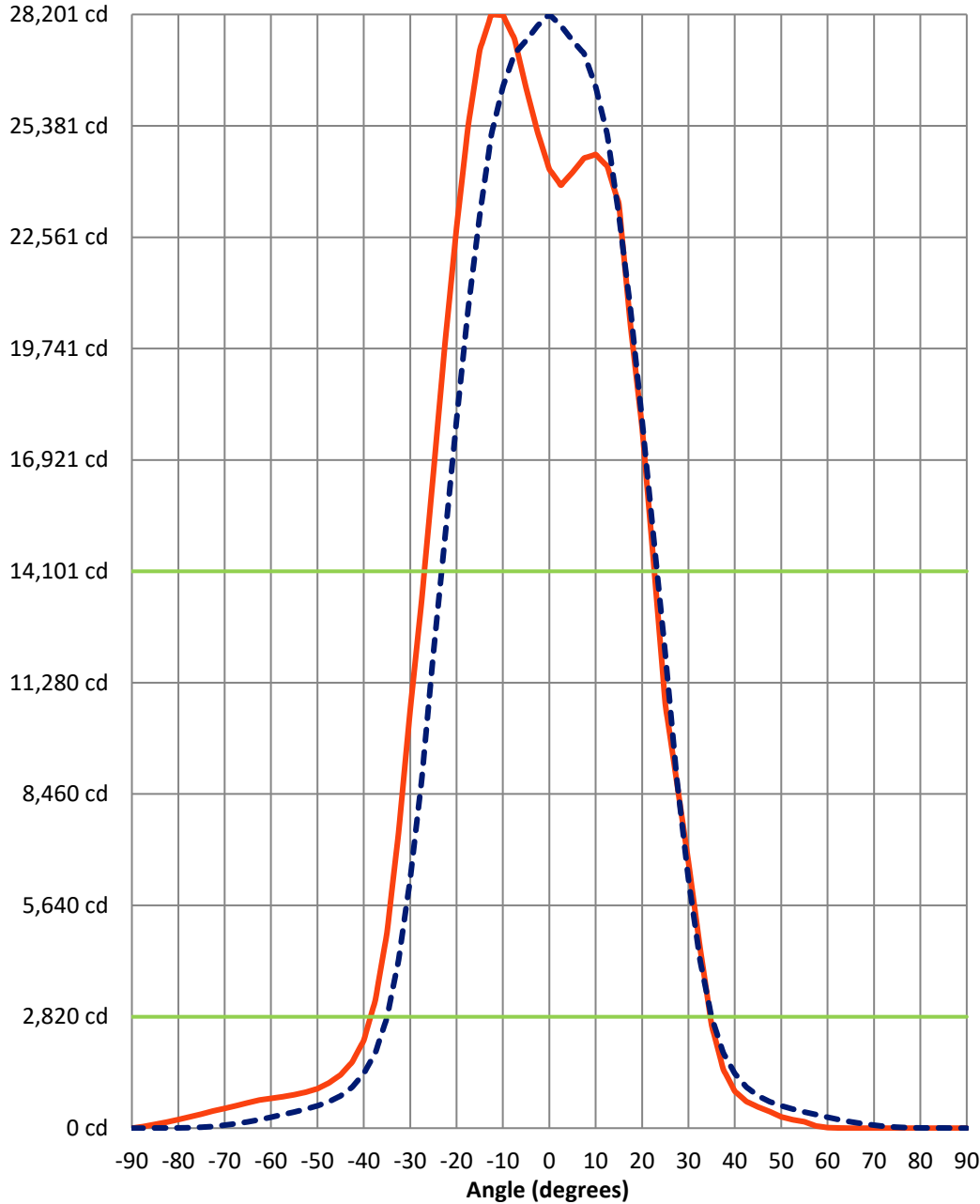
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 13482.7
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 18143.6
 Efficiency: 90.1%

Spill:
 Lumens: 1985.8
 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	1	1	1	1	0	0	1	1
65°	0	0	0	1	2	2	1	0	1	1	1
62.5°	0	0	0	1	2	2	1	1	2	2	3
60°	0	0	0	2	3	2	1	2	3	3	4
57.5°	0	0	0	2	3	2	2	3	4	4	5
55°	0	0	1	3	3	2	3	4	4	5	5
52.5°	0	0	1	3	3	2	3	5	5	5	5
50°	0	0	1	4	3	3	4	5	5	5	5
47.5°	0	0	2	4	3	3	5	5	5	5	6
45°	0	0	2	4	4	4	5	6	5	6	8
42.5°	0	0	2	5	4	4	5	6	5	7	9
40°	0	0	2	5	4	4	6	6	6	8	11
37.5°	0	0	3	5	4	5	7	7	7	10	13
35°	0	0	3	5	4	5	7	7	9	13	17
32.5°	0	0	3	5	4	5	8	7	11	16	28
30°	0	0	3	5	5	6	8	8	13	20	37
27.5°	0	0	4	5	5	6	8	9	15	25	46
25°	0	0	4	5	5	7	9	11	19	31	54
22.5°	0	0	4	5	5	7	9	12	22	38	63
20°	0	0	4	5	5	8	9	14	26	44	73
17.5°	0	0	4	5	5	8	9	15	30	50	83
15°	0	0	4	5	5	8	10	17	34	55	93
12.5°	0	0	4	5	5	9	11	20	38	59	103
10°	0	0	4	5	5	9	11	24	42	67	112
7.5°	0	0	5	5	5	9	12	27	44	74	120
5°	0	0	5	5	5	9	13	31	47	82	126
2.5°	0	0	5	5	5	9	13	34	49	90	130
0°	0	0	5	5	5	9	14	37	51	97	134
-2.5°	0	0	5	5	5	10	16	38	57	101	141
-5°	0	0	5	5	5	10	19	39	64	105	148
-7.5°	0	0	5	5	6	11	21	40	69	108	153
-10°	0	0	4	5	6	11	23	41	73	111	157
-12.5°	0	0	4	5	6	11	23	41	73	111	157
-15°	0	1	4	5	7	11	25	42	78	115	161
-17.5°	0	1	4	5	7	12	26	43	77	115	161
-20°	0	1	4	5	7	12	26	45	76	114	159

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REPORT NUMBER: P627216 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-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	4	5	7	12	27	46	75	113	155
-25°	0	1	4	5	7	13	27	47	73	110	149
-27.5°	0	1	4	5	7	13	26	47	72	107	146
-30°	0	1	4	5	7	14	26	46	71	104	141
-32.5°	0	1	4	5	7	15	25	45	70	101	136
-35°	0	1	4	5	7	15	25	44	68	98	129
-37.5°	0	1	4	5	8	15	25	42	65	95	127
-40°	0	1	4	5	8	15	25	41	61	91	125
-42.5°	0	1	4	5	8	15	25	39	58	86	121
-45°	0	1	4	5	8	15	25	37	55	81	115
-47.5°	0	1	4	5	8	15	24	36	53	75	108
-50°	0	1	4	5	8	15	23	35	50	72	100
-52.5°	0	1	4	5	9	14	22	33	48	68	91
-55°	0	1	4	6	8	14	22	31	46	63	85
-57.5°	0	1	4	6	8	13	21	30	43	59	79
-60°	0	1	4	6	8	13	19	28	40	55	73
-62.5°	0	1	4	6	8	12	18	26	37	50	67
-65°	0	1	4	6	8	11	17	24	34	46	60
-67.5°	0	1	3	6	8	10	15	22	30	41	53
-70°	0	1	3	6	7	10	13	19	26	35	46
-72.5°	0	1	3	5	7	9	12	16	22	30	38
-75°	0	1	2	4	7	9	11	14	18	24	32
-77.5°	0	0	2	4	6	8	10	13	16	20	24
-80°	0	0	2	3	5	7	9	11	14	17	20
-82.5°	0	0	1	2	4	5	7	9	12	14	16
-85°	0	0	1	1	2	3	5	6	8	10	12
-87.5°	0	0	0	1	1	2	2	3	4	5	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627216 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-735-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	2	1	0	0	0	0	0	0	0
65°	2	3	2	1	0	1	2	1	0	0	0
62.5°	4	4	3	2	3	3	3	2	0	1	2
60°	5	4	3	4	5	4	3	3	4	4	11
57.5°	5	4	4	5	5	5	6	7	17	28	31
55°	5	5	5	6	7	8	12	26	39	48	51
52.5°	5	5	7	9	11	17	32	47	59	69	81
50°	6	7	9	13	20	36	54	71	87	101	119
47.5°	8	10	14	20	37	58	79	101	119	140	165
45°	10	15	20	36	57	83	109	133	153	177	199
42.5°	12	23	34	51	81	112	142	161	183	209	239
40°	19	32	49	74	107	144	170	191	214	251	287
37.5°	28	44	65	98	137	173	198	224	258	300	343
35°	39	57	86	124	167	200	228	261	307	355	407
32.5°	49	68	107	150	191	226	258	305	354	407	478
30°	59	86	128	174	213	249	295	347	395	461	544
27.5°	70	104	149	195	234	272	331	383	438	512	612
25°	82	123	169	213	254	302	367	422	478	573	707
22.5°	97	140	188	230	272	334	404	471	545	640	805
20°	112	157	206	251	291	364	442	525	626	758	974
17.5°	126	173	222	271	322	396	484	582	707	871	1189
15°	139	186	239	292	351	430	526	646	797	1002	1398
12.5°	151	199	255	312	377	460	563	694	872	1167	1664
10°	161	209	270	331	400	486	595	734	933	1285	1862
7.5°	170	221	284	350	419	509	622	766	987	1377	2017
5°	178	235	296	363	434	528	644	791	1032	1445	2137
2.5°	184	247	306	375	445	543	662	815	1076	1501	2238
0°	190	259	314	384	453	555	675	832	1110	1540	2317
-2.5°	196	265	325	391	466	563	681	845	1121	1545	2301
-5°	202	269	334	396	476	568	683	850	1119	1533	2253
-7.5°	206	272	341	401	482	570	684	847	1108	1507	2177
-10°	209	274	343	406	483	570	680	836	1081	1458	2061
-12.5°	214	277	344	408	483	566	671	818	1040	1383	1911
-15°	217	279	343	408	480	560	657	791	985	1284	1727
-17.5°	218	279	342	405	477	551	637	760	934	1197	1595
-20°	218	278	340	398	471	542	624	736	891	1113	1434

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CATALOG NUMBER: GFLD-SA3D-735-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°	216	276	337	392	462	532	609	707	837	1019	1278
-25°	211	273	333	389	452	520	589	675	788	949	1165
-27.5°	204	267	326	383	441	507	572	650	749	873	1045
-30°	194	259	317	374	431	493	555	621	708	816	955
-32.5°	184	251	307	363	420	479	537	599	673	763	871
-35°	177	240	297	350	406	463	519	576	637	717	810
-37.5°	173	228	286	336	389	445	499	553	610	673	757
-40°	167	217	274	324	372	426	479	530	582	645	710
-42.5°	160	208	261	312	358	407	457	507	559	617	677
-45°	153	198	249	296	342	388	437	483	534	589	645
-47.5°	144	187	235	277	323	369	415	461	507	558	612
-50°	134	174	218	259	299	345	391	438	482	525	573
-52.5°	123	159	201	241	278	316	364	411	455	498	540
-55°	112	145	183	222	259	293	334	381	425	467	510
-57.5°	102	131	165	202	238	274	311	352	395	436	477
-60°	94	117	146	181	217	252	288	326	365	404	442
-62.5°	85	105	129	158	191	227	261	296	333	366	400
-65°	77	93	113	137	164	195	228	262	296	326	354
-67.5°	68	83	98	116	140	166	193	223	254	283	311
-70°	59	71	85	100	117	139	164	188	213	239	265
-72.5°	49	60	72	84	100	118	137	157	178	201	223
-75°	40	49	59	70	82	97	113	130	147	165	183
-77.5°	32	39	47	56	65	77	89	103	117	131	145
-80°	24	29	36	43	51	59	67	76	87	98	110
-82.5°	19	23	27	32	36	42	48	54	62	71	79
-85°	14	16	18	21	24	27	31	34	40	45	50
-87.5°	7	8	9	11	12	13	15	16	19	21	24
-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	0	0	0	0	0	0
62.5°	1	1	2	2	1	1	2	3	3	3	4
60°	12	9	12	15	15	11	16	19	17	14	14
57.5°	32	35	40	47	52	55	59	64	67	69	71
55°	59	71	84	90	99	115	128	129	131	135	142
52.5°	95	109	115	126	146	158	165	175	187	198	208
50°	138	150	164	181	200	212	216	235	259	277	289
47.5°	182	197	222	253	270	283	303	327	353	380	401
45°	222	250	282	310	331	355	381	411	451	489	518
42.5°	268	299	332	364	388	427	473	508	566	616	648
40°	321	352	399	439	487	538	616	688	761	845	906
37.5°	385	434	500	563	635	710	849	992	1109	1272	1363
35°	462	538	631	726	841	1020	1224	1500	1786	2025	2255
32.5°	552	648	776	946	1140	1427	1733	2241	2736	3231	3716
30°	639	779	975	1209	1528	1982	2559	3344	4194	4939	5613
27.5°	756	954	1209	1558	2101	2767	3833	4922	6005	6972	7666
25°	897	1163	1524	2102	2886	3990	5418	6754	8025	8972	9770
22.5°	1101	1499	2012	2748	4171	5707	7415	9096	10523	11718	12504
20°	1354	1892	2749	4083	5757	7677	9876	11645	13403	14746	15946
17.5°	1711	2569	3779	5473	7472	10034	12299	14271	16503	17876	19100
15°	2032	3134	4860	7021	9364	12080	14750	17165	19320	20829	22197
12.5°	2439	3736	5720	8262	10825	13848	16624	19210	21320	22873	23830
10°	2803	4353	6579	9238	12106	15265	18141	20833	22877	24077	24782
7.5°	3097	4866	7275	10072	13101	16280	19319	21990	23946	24950	25431
5°	3325	5246	7819	10757	13903	17155	20256	22872	24519	25349	25618
2.5°	3496	5511	8186	11207	14444	17801	20968	23545	24951	25550	25639
0°	3611	5697	8425	11490	14907	18033	21353	23970	25307	25787	25834
-2.5°	3584	5629	8414	11388	14854	18137	21415	23997	25427	26073	26179
-5°	3511	5471	8135	11097	14432	17720	20845	23573	25328	26303	26736
-7.5°	3370	5197	7658	10540	13747	17039	20226	23055	25075	26448	27294
-10°	3131	4797	7048	9835	12996	16132	19284	22220	24395	26048	27226
-12.5°	2804	4255	6303	8837	12015	14943	17927	20740	23114	25152	26370
-15°	2466	3690	5530	7848	10615	13498	16255	19016	21359	23265	24783
-17.5°	2225	3195	4634	6663	9092	11828	14517	17053	19168	20960	22552
-20°	1921	2641	3781	5487	7626	10017	12593	14850	16738	18418	19940

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REPORT NUMBER: P627216 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-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°	1679	2262	3085	4249	6170	8279	10387	12465	14240	15736	17034
-25°	1459	1868	2511	3458	4707	6529	8304	10059	11698	13089	14258
-27.5°	1286	1611	2040	2714	3662	4725	6281	7748	9157	10428	11531
-30°	1129	1373	1708	2130	2774	3564	4500	5597	6720	7724	8726
-32.5°	1016	1190	1420	1733	2094	2659	3225	3963	4674	5406	6125
-35°	915	1054	1211	1420	1668	1998	2371	2821	3202	3681	4123
-37.5°	845	943	1063	1195	1373	1557	1809	2083	2319	2585	2810
-40°	787	865	946	1035	1157	1281	1444	1598	1747	1910	2032
-42.5°	739	801	860	929	1001	1100	1210	1306	1396	1492	1571
-45°	701	747	795	848	903	975	1052	1124	1183	1236	1280
-47.5°	660	702	743	785	832	884	935	981	1030	1071	1101
-50°	620	661	699	735	775	816	857	893	928	959	978
-52.5°	581	623	661	693	728	762	795	828	858	886	898
-55°	551	591	628	658	686	715	745	776	804	831	839
-57.5°	519	559	595	622	648	674	702	730	758	783	790
-60°	481	523	555	580	607	635	661	687	713	734	743
-62.5°	436	474	503	528	553	576	604	631	658	679	692
-65°	383	416	444	469	493	515	542	567	591	610	623
-67.5°	337	362	385	408	431	454	478	502	525	541	552
-70°	291	314	336	357	378	397	418	437	457	471	482
-72.5°	245	266	285	304	322	340	357	374	391	403	414
-75°	203	220	236	252	268	282	296	309	321	332	342
-77.5°	160	174	188	202	215	226	237	247	256	265	274
-80°	122	133	143	153	163	172	180	187	195	202	209
-82.5°	88	95	101	108	115	121	127	132	137	143	147
-85°	56	60	63	67	71	74	78	81	85	88	91
-87.5°	27	28	30	32	34	35	37	39	40	42	43
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627216 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-735-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°	4	4	5	5	5	4	4	4	3	3	3
60°	14	14	14	14	14	14	14	14	14	17	19
57.5°	70	65	60	56	60	65	70	71	69	67	64
55°	151	160	163	162	163	160	151	142	135	131	129
52.5°	215	219	218	213	218	219	215	208	198	187	175
50°	293	294	291	287	291	294	293	289	277	259	235
47.5°	412	418	421	421	421	418	412	401	380	353	327
45°	529	535	537	536	537	535	529	518	489	451	411
42.5°	665	675	679	675	679	675	665	648	616	566	508
40°	942	954	949	934	949	954	942	906	845	761	688
37.5°	1427	1474	1493	1494	1493	1474	1427	1363	1272	1109	992
35°	2462	2627	2702	2608	2702	2627	2462	2255	2025	1786	1500
32.5°	4112	4404	4568	4568	4568	4404	4112	3716	3231	2736	2241
30°	6122	6488	6693	6737	6693	6488	6122	5613	4939	4194	3344
27.5°	8207	8585	8782	8753	8782	8585	8207	7666	6972	6005	4922
25°	10299	10586	10751	10755	10751	10586	10299	9770	8972	8025	6754
22.5°	13390	13992	14240	14306	14240	13992	13390	12504	11718	10523	9096
20°	16759	17343	17719	17742	17719	17343	16759	15946	14746	13403	11645
17.5°	19969	20258	20312	20336	20312	20258	19969	19100	17876	16503	14271
15°	22994	23096	23363	23397	23363	23096	22994	22197	20829	19320	17165
12.5°	24432	24524	24478	24354	24478	24524	24432	23830	22873	21320	19210
10°	25215	25084	24889	24655	24889	25084	25215	24782	24077	22877	20833
7.5°	25392	25247	24903	24562	24903	25247	25392	25431	24950	23946	21990
5°	25476	25049	24615	24202	24615	25049	25476	25618	25349	24519	22872
2.5°	25426	24919	24323	23878	24323	24919	25426	25639	25550	24951	23545
0°	25589	25075	24451	24285	24451	25075	25589	25834	25787	25307	23970
-2.5°	26040	25624	25298	25209	25298	25624	26040	26179	26073	25427	23997
-5°	26853	26761	26208	26338	26208	26761	26853	26736	26303	25328	23573
-7.5°	27638	27508	27274	27577	27274	27508	27638	27294	26448	25075	23055
-10°	27847	27804	27914	28183	27914	27804	27847	27226	26048	24395	22220
-12.5°	27207	27542	27918	28201	27918	27542	27207	26370	25152	23114	20740
-15°	25780	26466	27028	27295	27028	26466	25780	24783	23265	21359	19016
-17.5°	23679	24520	25186	25376	25186	24520	23679	22552	20960	19168	17053
-20°	21092	21948	22554	22796	22554	21948	21092	19940	18418	16738	14850

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REPORT NUMBER: P627216 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	18181	19016	19566	19855	19566	19016	18181	17034	15736	14240	12465
-25°	15227	15961	16448	16577	16448	15961	15227	14258	13089	11698	10059
-27.5°	12402	12992	13351	13391	13351	12992	12402	11531	10428	9157	7748
-30°	9559	10108	10419	10584	10419	10108	9559	8726	7724	6720	5597
-32.5°	6714	7149	7412	7482	7412	7149	6714	6125	5406	4674	3963
-35°	4476	4747	4914	4948	4914	4747	4476	4123	3681	3202	2821
-37.5°	2993	3125	3206	3246	3206	3125	2993	2810	2585	2319	2083
-40°	2120	2182	2217	2224	2217	2182	2120	2032	1910	1747	1598
-42.5°	1622	1653	1669	1674	1669	1653	1622	1571	1492	1396	1306
-45°	1310	1332	1346	1350	1346	1332	1310	1280	1236	1183	1124
-47.5°	1121	1135	1144	1147	1144	1135	1121	1101	1071	1030	981
-50°	989	997	1000	999	1000	997	989	978	959	928	893
-52.5°	906	911	913	911	913	911	906	898	886	858	828
-55°	844	848	848	846	848	848	844	839	831	804	776
-57.5°	797	802	800	795	800	802	797	790	783	758	730
-60°	750	755	756	754	756	755	750	743	734	713	687
-62.5°	703	713	714	712	714	713	703	692	679	658	631
-65°	636	647	647	643	647	647	636	623	610	591	567
-67.5°	562	570	571	569	571	570	562	552	541	525	502
-70°	492	501	501	499	501	501	492	482	471	457	437
-72.5°	423	432	434	435	434	432	423	414	403	391	374
-75°	351	359	358	356	358	359	351	342	332	321	309
-77.5°	282	290	289	287	289	290	282	274	265	256	247
-80°	215	221	219	217	219	221	215	209	202	195	187
-82.5°	152	156	155	153	155	156	152	147	143	137	132
-85°	94	97	97	97	97	97	94	91	88	85	81
-87.5°	45	46	44	42	44	46	45	43	42	40	39
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627216 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-735-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	2	2	1	1	2	1	0	2
60°	16	11	15	15	12	9	12	11	4	4	3
57.5°	59	55	52	47	40	35	32	31	28	17	7
55°	128	115	99	90	84	71	59	51	48	39	26
52.5°	165	158	146	126	115	109	95	81	69	59	47
50°	216	212	200	181	164	150	138	119	101	87	71
47.5°	303	283	270	253	222	197	182	165	140	119	101
45°	381	355	331	310	282	250	222	199	177	153	133
42.5°	473	427	388	364	332	299	268	239	209	183	161
40°	616	538	487	439	399	352	321	287	251	214	191
37.5°	849	710	635	563	500	434	385	343	300	258	224
35°	1224	1020	841	726	631	538	462	407	355	307	261
32.5°	1733	1427	1140	946	776	648	552	478	407	354	305
30°	2559	1982	1528	1209	975	779	639	544	461	395	347
27.5°	3833	2767	2101	1558	1209	954	756	612	512	438	383
25°	5418	3990	2886	2102	1524	1163	897	707	573	478	422
22.5°	7415	5707	4171	2748	2012	1499	1101	805	640	545	471
20°	9876	7677	5757	4083	2749	1892	1354	974	758	626	525
17.5°	12299	10034	7472	5473	3779	2569	1711	1189	871	707	582
15°	14750	12080	9364	7021	4860	3134	2032	1398	1002	797	646
12.5°	16624	13848	10825	8262	5720	3736	2439	1664	1167	872	694
10°	18141	15265	12106	9238	6579	4353	2803	1862	1285	933	734
7.5°	19319	16280	13101	10072	7275	4866	3097	2017	1377	987	766
5°	20256	17155	13903	10757	7819	5246	3325	2137	1445	1032	791
2.5°	20968	17801	14444	11207	8186	5511	3496	2238	1501	1076	815
0°	21353	18033	14907	11490	8425	5697	3611	2317	1540	1110	832
-2.5°	21415	18137	14854	11388	8414	5629	3584	2301	1545	1121	845
-5°	20845	17720	14432	11097	8135	5471	3511	2253	1533	1119	850
-7.5°	20226	17039	13747	10540	7658	5197	3370	2177	1507	1108	847
-10°	19284	16132	12996	9835	7048	4797	3131	2061	1458	1081	836
-12.5°	17927	14943	12015	8837	6303	4255	2804	1911	1383	1040	818
-15°	16255	13498	10615	7848	5530	3690	2466	1727	1284	985	791
-17.5°	14517	11828	9092	6663	4634	3195	2225	1595	1197	934	760
-20°	12593	10017	7626	5487	3781	2641	1921	1434	1113	891	736

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REPORT NUMBER: P627216 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10387	8279	6170	4249	3085	2262	1679	1278	1019	837	707
-25°	8304	6529	4707	3458	2511	1868	1459	1165	949	788	675
-27.5°	6281	4725	3662	2714	2040	1611	1286	1045	873	749	650
-30°	4500	3564	2774	2130	1708	1373	1129	955	816	708	621
-32.5°	3225	2659	2094	1733	1420	1190	1016	871	763	673	599
-35°	2371	1998	1668	1420	1211	1054	915	810	717	637	576
-37.5°	1809	1557	1373	1195	1063	943	845	757	673	610	553
-40°	1444	1281	1157	1035	946	865	787	710	645	582	530
-42.5°	1210	1100	1001	929	860	801	739	677	617	559	507
-45°	1052	975	903	848	795	747	701	645	589	534	483
-47.5°	935	884	832	785	743	702	660	612	558	507	461
-50°	857	816	775	735	699	661	620	573	525	482	438
-52.5°	795	762	728	693	661	623	581	540	498	455	411
-55°	745	715	686	658	628	591	551	510	467	425	381
-57.5°	702	674	648	622	595	559	519	477	436	395	352
-60°	661	635	607	580	555	523	481	442	404	365	326
-62.5°	604	576	553	528	503	474	436	400	366	333	296
-65°	542	515	493	469	444	416	383	354	326	296	262
-67.5°	478	454	431	408	385	362	337	311	283	254	223
-70°	418	397	378	357	336	314	291	265	239	213	188
-72.5°	357	340	322	304	285	266	245	223	201	178	157
-75°	296	282	268	252	236	220	203	183	165	147	130
-77.5°	237	226	215	202	188	174	160	145	131	117	103
-80°	180	172	163	153	143	133	122	110	98	87	76
-82.5°	127	121	115	108	101	95	88	79	71	62	54
-85°	78	74	71	67	63	60	56	50	45	40	34
-87.5°	37	35	34	32	30	28	27	24	21	19	16
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627216 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-735-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	2	1	0	1	1	0	0
65°	2	1	0	1	2	3	2	1	1	1	0
62.5°	3	3	3	2	3	4	4	3	2	2	1
60°	3	4	5	4	3	4	5	4	3	3	2
57.5°	6	5	5	5	4	4	5	5	4	4	3
55°	12	8	7	6	5	5	5	5	5	4	4
52.5°	32	17	11	9	7	5	5	5	5	5	5
50°	54	36	20	13	9	7	6	5	5	5	5
47.5°	79	58	37	20	14	10	8	6	5	5	5
45°	109	83	57	36	20	15	10	8	6	5	6
42.5°	142	112	81	51	34	23	12	9	7	5	6
40°	170	144	107	74	49	32	19	11	8	6	6
37.5°	198	173	137	98	65	44	28	13	10	7	7
35°	228	200	167	124	86	57	39	17	13	9	7
32.5°	258	226	191	150	107	68	49	28	16	11	7
30°	295	249	213	174	128	86	59	37	20	13	8
27.5°	331	272	234	195	149	104	70	46	25	15	9
25°	367	302	254	213	169	123	82	54	31	19	11
22.5°	404	334	272	230	188	140	97	63	38	22	12
20°	442	364	291	251	206	157	112	73	44	26	14
17.5°	484	396	322	271	222	173	126	83	50	30	15
15°	526	430	351	292	239	186	139	93	55	34	17
12.5°	563	460	377	312	255	199	151	103	59	38	20
10°	595	486	400	331	270	209	161	112	67	42	24
7.5°	622	509	419	350	284	221	170	120	74	44	27
5°	644	528	434	363	296	235	178	126	82	47	31
2.5°	662	543	445	375	306	247	184	130	90	49	34
0°	675	555	453	384	314	259	190	134	97	51	37
-2.5°	681	563	466	391	325	265	196	141	101	57	38
-5°	683	568	476	396	334	269	202	148	105	64	39
-7.5°	684	570	482	401	341	272	206	153	108	69	40
-10°	680	570	483	406	343	274	209	157	111	73	41
-12.5°	671	566	483	408	344	277	214	160	113	77	41
-15°	657	560	480	408	343	279	217	161	115	78	42
-17.5°	637	551	477	405	342	279	218	161	115	77	43
-20°	624	542	471	398	340	278	218	159	114	76	45

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Scaled Data Report



REPORT NUMBER: P627216 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	609	532	462	392	337	276	216	155	113	75	46
-25°	589	520	452	389	333	273	211	149	110	73	47
-27.5°	572	507	441	383	326	267	204	146	107	72	47
-30°	555	493	431	374	317	259	194	141	104	71	46
-32.5°	537	479	420	363	307	251	184	136	101	70	45
-35°	519	463	406	350	297	240	177	129	98	68	44
-37.5°	499	445	389	336	286	228	173	127	95	65	42
-40°	479	426	372	324	274	217	167	125	91	61	41
-42.5°	457	407	358	312	261	208	160	121	86	58	39
-45°	437	388	342	296	249	198	153	115	81	55	37
-47.5°	415	369	323	277	235	187	144	108	75	53	36
-50°	391	345	299	259	218	174	134	100	72	50	35
-52.5°	364	316	278	241	201	159	123	91	68	48	33
-55°	334	293	259	222	183	145	112	85	63	46	31
-57.5°	311	274	238	202	165	131	102	79	59	43	30
-60°	288	252	217	181	146	117	94	73	55	40	28
-62.5°	261	227	191	158	129	105	85	67	50	37	26
-65°	228	195	164	137	113	93	77	60	46	34	24
-67.5°	193	166	140	116	98	83	68	53	41	30	22
-70°	164	139	117	100	85	71	59	46	35	26	19
-72.5°	137	118	100	84	72	60	49	38	30	22	16
-75°	113	97	82	70	59	49	40	32	24	18	14
-77.5°	89	77	65	56	47	39	32	24	20	16	13
-80°	67	59	51	43	36	29	24	20	17	14	11
-82.5°	48	42	36	32	27	23	19	16	14	12	9
-85°	31	27	24	21	18	16	14	12	10	8	6
-87.5°	15	13	12	11	9	8	7	6	5	4	3
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627216 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-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°	1	1	1	1	0	0	0
65°	1	2	2	1	0	0	0
62.5°	1	2	2	1	0	0	0
60°	1	2	3	2	0	0	0
57.5°	2	2	3	2	0	0	0
55°	3	2	3	3	1	0	0
52.5°	3	2	3	3	1	0	0
50°	4	3	3	4	1	0	0
47.5°	5	3	3	4	2	0	0
45°	5	4	4	4	2	0	0
42.5°	5	4	4	5	2	0	0
40°	6	4	4	5	2	0	0
37.5°	7	5	4	5	3	0	0
35°	7	5	4	5	3	0	0
32.5°	8	5	4	5	3	0	0
30°	8	6	5	5	3	0	0
27.5°	8	6	5	5	4	0	0
25°	9	7	5	5	4	0	0
22.5°	9	7	5	5	4	0	0
20°	9	8	5	5	4	0	0
17.5°	9	8	5	5	4	0	0
15°	10	8	5	5	4	0	0
12.5°	11	9	5	5	4	0	0
10°	11	9	5	5	4	0	0
7.5°	12	9	5	5	5	0	0
5°	13	9	5	5	5	0	0
2.5°	13	9	5	5	5	0	0
0°	14	9	5	5	5	0	0
-2.5°	16	10	5	5	5	0	0
-5°	19	10	5	5	5	0	0
-7.5°	21	11	6	5	5	0	0
-10°	23	11	6	5	4	0	0
-12.5°	24	11	6	5	4	0	0
-15°	25	11	7	5	4	1	0
-17.5°	26	12	7	5	4	1	0
-20°	26	12	7	5	4	1	0

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CATALOG NUMBER: GFLD-SA3D-735-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	27	12	7	5	4	1	0
-25°	27	13	7	5	4	1	0
-27.5°	26	13	7	5	4	1	0
-30°	26	14	7	5	4	1	0
-32.5°	25	15	7	5	4	1	0
-35°	25	15	7	5	4	1	0
-37.5°	25	15	8	5	4	1	0
-40°	25	15	8	5	4	1	0
-42.5°	25	15	8	5	4	1	0
-45°	25	15	8	5	4	1	0
-47.5°	24	15	8	5	4	1	0
-50°	23	15	8	5	4	1	0
-52.5°	22	14	9	5	4	1	0
-55°	22	14	8	6	4	1	0
-57.5°	21	13	8	6	4	1	0
-60°	19	13	8	6	4	1	0
-62.5°	18	12	8	6	4	1	0
-65°	17	11	8	6	4	1	0
-67.5°	15	10	8	6	3	1	0
-70°	13	10	7	6	3	1	0
-72.5°	12	9	7	5	3	1	0
-75°	11	9	7	4	2	1	0
-77.5°	10	8	6	4	2	0	0
-80°	9	7	5	3	2	0	0
-82.5°	7	5	4	2	1	0	0
-85°	5	3	2	1	1	0	0
-87.5°	2	2	1	1	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)