

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: P627204 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627204 (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-730-U-MR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (48) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 18520.9 lumens  
Efficiency: N/A  
Efficacy: 115.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 65301.2 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 9260.6 lumens  
Beam Efficiency: 50.0%

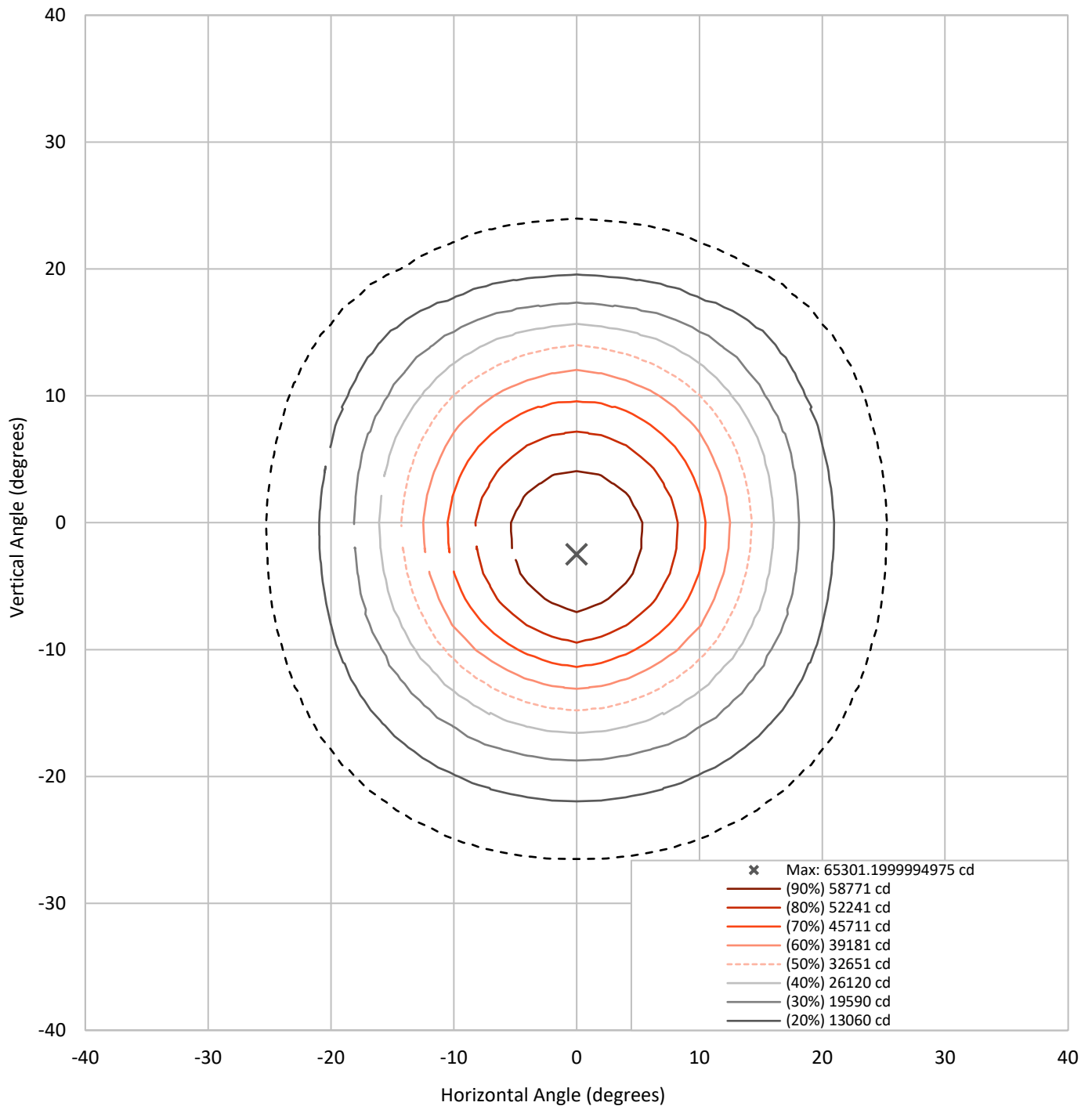
Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 15912.9 lumens  
Field Efficiency: 85.9%

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



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### Iso-Candela Plot





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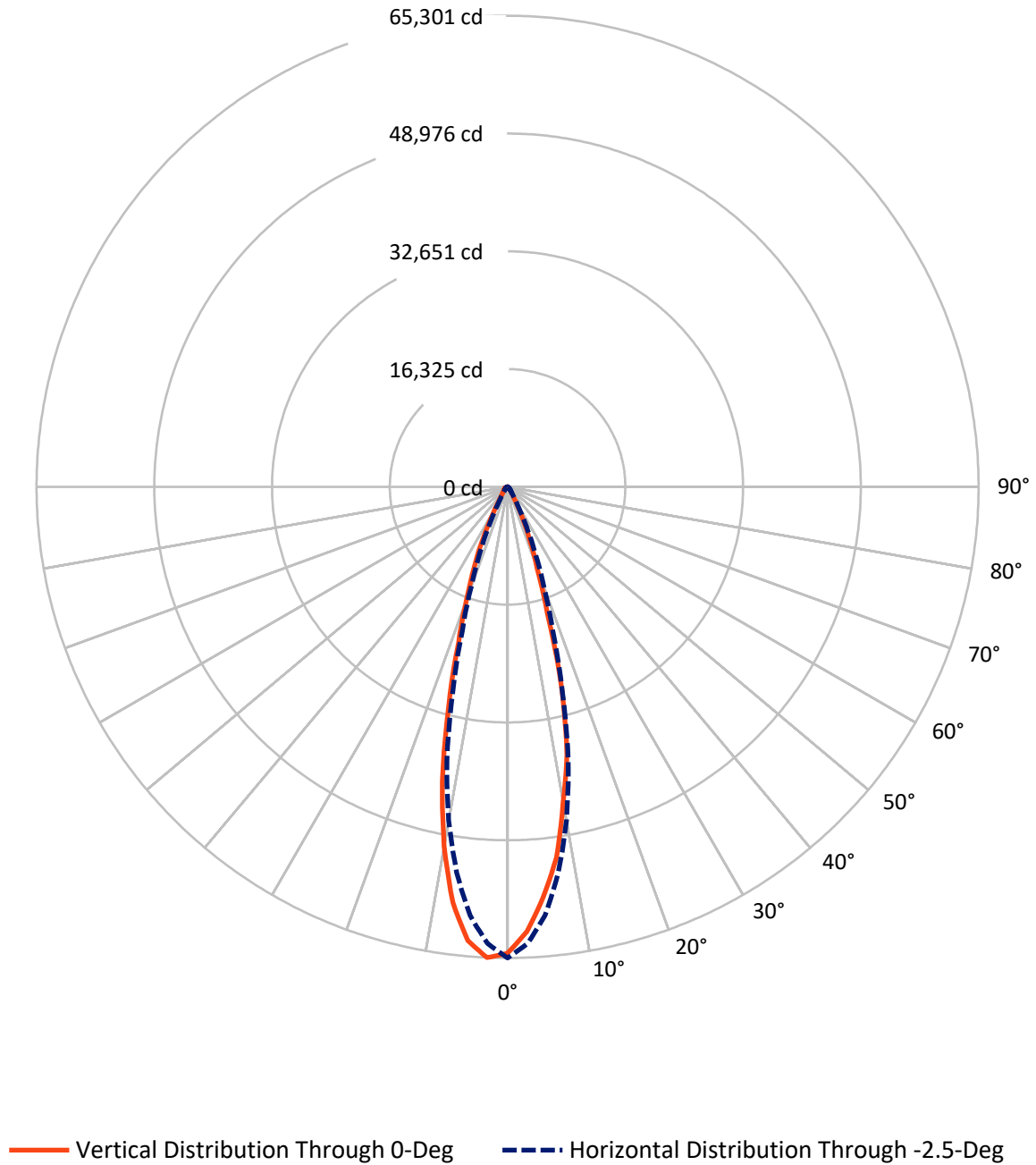
CATALOG NUMBER: GFLD-SA3D-730-U-MR-VSR-XX

### Lumen Table

90																			
80	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	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0			
50		0.0	0.1	0.5	1.3	2.1	2.9	3.5	3.5	2.9	2.1	1.3	0.5	0.1	0.0				
40	0.1	0.1	0.6	2.0	3.9	6.0	8.4	9.9	9.9	8.4	6.0	3.9	2.0	0.6	0.1	0.1			
30		0.3	1.6	4.0	7.3	12.0	20.0	26.6	26.6	20.0	12.0	7.3	4.0	1.6	0.3				
20	0.1	0.6	2.5	6.0	11.5	28.0	87.9	161.2	161.2	87.9	28.0	11.5	6.0	2.5	0.6	0.1			
10		0.9	3.4	8.2	19.7	96.5	392.2	768.0	768.0	392.2	96.5	19.7	8.2	3.4	0.9				
0	0.3	1.2	4.2	9.8	28.3	183.9	792.0	1552.3	1552.3	792.0	183.9	28.3	9.8	4.2	1.2	0.3			
-10		1.3	4.6	10.3	30.2	192.6	812.6	1646.0	1646.0	812.6	192.6	30.2	10.3	4.6	1.3				
-20	0.3	1.4	4.6	10.1	24.8	118.3	449.4	871.1	871.1	449.4	118.3	24.8	10.1	4.6	1.4	0.3			
-30		1.4	4.4	9.2	18.2	45.9	139.2	248.3	248.3	139.2	45.9	18.2	9.2	4.4	1.4				
-40	0.3	1.2	3.9	8.0	13.8	22.7	37.0	49.5	49.5	37.0	22.7	13.8	8.0	3.9	1.2	0.3			
-50		1.0	3.3	6.6	10.9	15.6	20.6	23.1	23.1	20.6	15.6	10.9	6.6	3.3	1.0				
-60	0.2	0.8	2.5	5.2	8.5	11.9	14.8	16.1	16.1	14.8	11.9	8.5	5.2	2.5	0.8	0.2			
-70		0.5	1.5	3.4	5.7	8.1	10.1	11.2	11.2	10.1	8.1	5.7	3.4	1.5	0.5				
-80	0.1	1.2		5.5		11.8		14.9		11.8		5.5		1.2		0.1			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

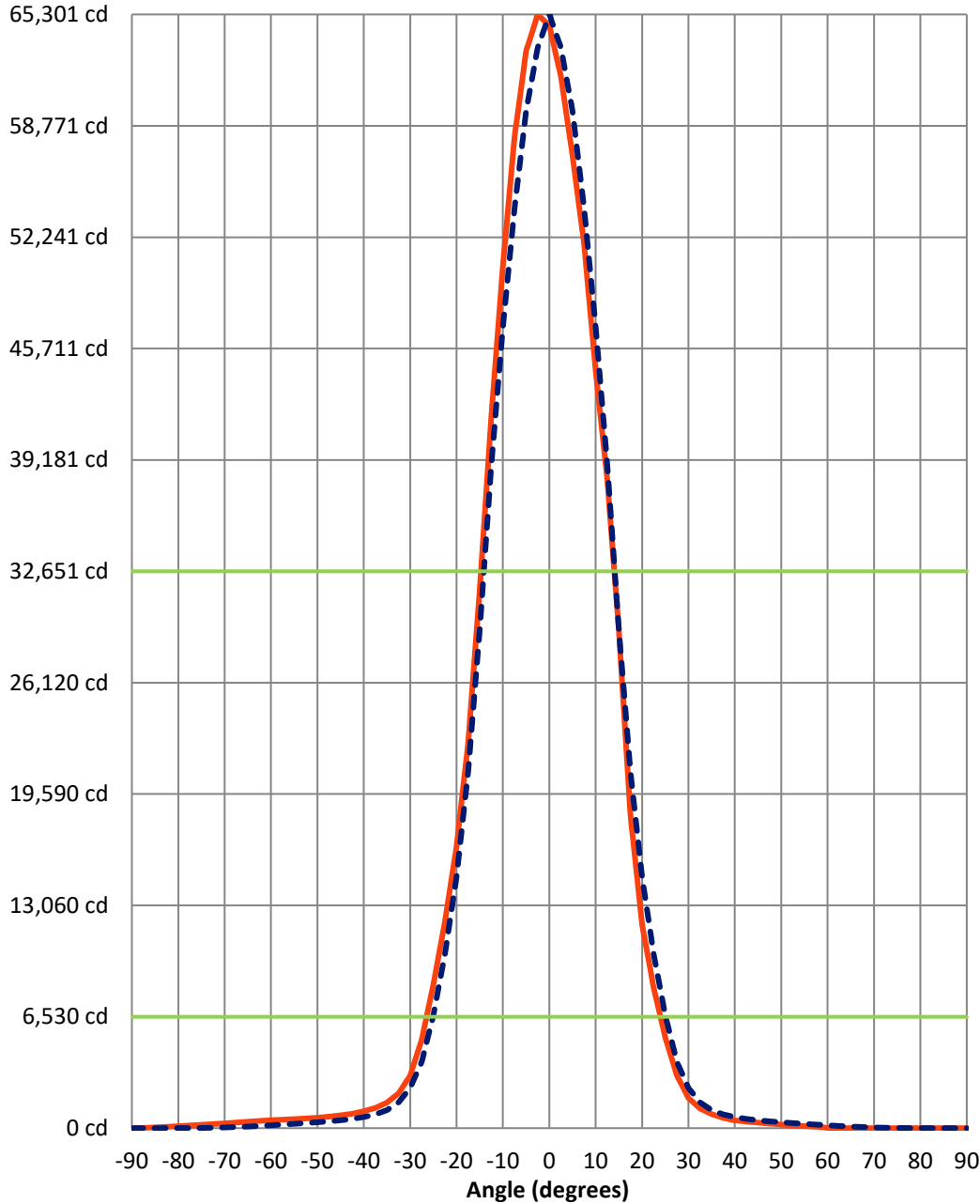
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 9260.6  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 15912.9  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 2608  
 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	1
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	3	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	4
45°	0	0	0	0	0	1	2	4	4	4	4
42.5°	0	0	0	0	0	2	3	4	4	4	7
40°	0	0	0	0	0	2	3	4	4	4	10
37.5°	0	0	0	0	1	3	4	4	5	6	14
35°	0	0	0	0	1	3	4	4	6	10	18
32.5°	0	0	0	0	1	4	4	4	8	14	22
30°	0	0	0	0	2	4	4	4	9	17	27
27.5°	0	0	0	0	2	4	4	6	12	21	33
25°	0	0	0	0	3	4	4	7	15	25	39
22.5°	0	0	0	0	3	4	4	9	17	29	46
20°	0	0	0	0	3	4	4	10	20	34	53
17.5°	0	0	0	0	3	4	4	12	22	39	59
15°	0	0	0	0	4	4	5	14	25	43	65
12.5°	0	0	0	0	4	4	5	16	27	48	70
10°	0	0	0	0	4	4	6	18	30	52	75
7.5°	0	0	0	0	4	4	6	20	32	56	80
5°	0	0	0	0	4	4	7	22	34	60	84
2.5°	0	0	0	0	4	4	8	23	35	63	87
0°	0	0	0	0	4	4	8	25	37	66	90
-2.5°	0	0	0	0	4	5	10	25	41	68	93
-5°	0	0	0	1	4	5	11	26	44	70	95
-7.5°	0	0	0	1	4	5	13	26	47	71	97
-10°	0	0	0	1	4	6	14	26	49	73	98
-12.5°	0	0	0	1	4	6	15	26	50	74	100
-15°	0	0	0	1	4	6	16	26	50	75	102
-17.5°	0	0	0	2	4	6	16	27	50	75	103
-20°	0	0	0	2	4	7	17	29	49	75	103

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CATALOG NUMBER: GFLD-SA3D-730-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	7	17	30	48	74	101
-25°	0	0	0	2	4	7	17	30	47	73	99
-27.5°	0	0	0	2	4	8	17	31	45	70	97
-30°	0	0	0	2	4	8	17	31	45	68	94
-32.5°	0	0	0	2	5	8	17	30	45	66	90
-35°	0	0	0	2	5	8	17	30	44	63	85
-37.5°	0	0	0	1	5	8	17	29	43	60	83
-40°	0	0	0	1	5	9	17	28	42	58	81
-42.5°	0	0	0	1	5	9	16	27	40	57	78
-45°	0	0	0	1	5	9	15	26	39	54	74
-47.5°	0	0	0	1	5	9	15	25	37	51	70
-50°	0	0	0	1	5	9	14	23	35	48	65
-52.5°	0	0	0	1	4	8	13	22	33	45	60
-55°	0	0	0	1	4	8	13	20	30	42	56
-57.5°	0	0	0	1	3	7	12	18	27	38	51
-60°	0	0	0	1	3	7	11	16	24	34	45
-62.5°	0	0	0	1	3	6	10	15	22	30	41
-65°	0	0	0	1	3	6	9	13	19	27	35
-67.5°	0	0	0	1	3	5	8	12	17	24	31
-70°	0	0	0	1	2	5	8	11	15	20	27
-72.5°	0	0	0	1	2	4	7	9	13	17	23
-75°	0	0	0	1	2	4	6	8	10	14	18
-77.5°	0	0	0	1	2	3	5	7	8	10	13
-80°	0	0	0	1	1	3	4	5	6	8	10
-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	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA3D-730-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	5	7	8	13	19	23
55°	1	3	3	3	6	10	13	21	28	36	43
52.5°	3	4	4	6	12	18	26	36	47	55	62
50°	4	5	5	13	20	30	43	56	66	73	85
47.5°	5	6	13	21	32	46	62	74	83	98	115
45°	8	12	20	31	45	65	79	90	106	124	141
42.5°	11	18	29	41	63	82	96	111	128	148	167
40°	16	25	39	58	80	98	116	133	151	174	194
37.5°	21	34	51	74	96	116	136	156	178	202	226
35°	26	44	64	88	111	136	158	181	208	234	261
32.5°	33	53	76	102	127	153	178	208	236	265	298
30°	42	64	87	115	142	170	202	234	262	295	330
27.5°	51	73	99	128	155	186	224	257	288	322	361
25°	60	83	111	139	170	205	245	279	311	350	395
22.5°	68	93	123	150	183	224	265	303	340	378	431
20°	76	104	135	164	197	242	285	328	370	419	478
17.5°	84	114	146	179	215	260	306	353	400	459	533
15°	92	123	157	193	232	278	326	377	433	502	586
12.5°	98	131	168	205	247	294	344	397	462	544	649
10°	105	139	179	217	260	308	359	415	484	573	696
7.5°	110	146	188	228	271	321	372	430	503	597	733
5°	115	153	195	236	279	331	383	443	518	617	763
2.5°	120	159	201	242	286	337	390	451	528	635	787
0°	123	164	206	247	292	341	395	456	534	650	802
-2.5°	127	170	210	252	297	346	399	461	542	654	805
-5°	130	174	214	256	301	348	402	463	545	655	807
-7.5°	132	177	217	258	305	351	404	465	547	654	807
-10°	134	179	219	261	307	353	404	465	544	647	793
-12.5°	136	180	220	262	308	354	402	461	536	634	768
-15°	138	180	220	261	307	353	399	454	524	618	734
-17.5°	139	179	219	259	305	351	395	447	513	601	711
-20°	139	178	217	255	301	347	391	441	503	580	680

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CATALOG NUMBER: GFLD-SA3D-730-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°	137	177	214	252	296	341	385	432	489	555	644
-25°	135	175	211	248	289	332	377	421	475	537	613
-27.5°	132	171	207	244	282	323	367	410	459	517	582
-30°	127	166	202	238	276	315	354	398	442	495	555
-32.5°	121	160	196	231	269	306	342	383	427	472	526
-35°	116	153	188	223	260	296	330	367	409	452	497
-37.5°	112	146	181	213	249	284	317	351	389	431	472
-40°	108	138	172	204	236	272	304	335	368	409	449
-42.5°	103	132	163	195	225	257	290	320	352	389	426
-45°	99	126	155	185	215	244	275	306	337	369	405
-47.5°	93	119	147	174	204	233	259	289	321	352	383
-50°	87	112	137	163	190	220	247	273	302	333	363
-52.5°	80	104	127	151	176	204	232	259	284	310	339
-55°	72	94	116	138	161	187	214	240	267	291	316
-57.5°	65	84	105	126	147	169	195	220	245	270	295
-60°	59	74	92	113	134	154	175	199	223	246	269
-62.5°	52	65	81	98	118	138	158	179	200	220	240
-65°	46	57	70	85	101	119	138	158	177	193	209
-67.5°	39	49	59	72	86	101	116	133	151	166	180
-70°	34	40	49	60	71	83	97	110	124	137	151
-72.5°	28	34	41	47	57	68	79	90	101	113	124
-75°	23	28	33	39	46	54	63	73	83	92	101
-77.5°	18	22	26	31	36	42	49	57	65	72	80
-80°	13	16	20	24	27	32	36	41	47	52	59
-82.5°	9	11	14	17	19	21	24	27	31	35	40
-85°	5	6	8	10	11	12	14	15	17	20	23
-87.5°	2	3	4	5	5	5	6	6	7	8	9
-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	5	5	5	6	6	6	5
60°	10	10	15	19	18	14	20	23	22	19	19
57.5°	29	36	41	43	49	57	60	59	60	62	70
55°	50	56	60	68	77	85	91	95	100	105	111
52.5°	69	78	85	94	105	111	114	126	136	143	148
50°	98	108	119	130	141	150	159	170	184	198	207
47.5°	128	141	155	172	184	193	204	219	238	255	265
45°	157	172	189	205	218	232	248	267	286	303	315
42.5°	182	199	217	236	248	268	291	310	334	355	371
40°	212	228	255	274	290	312	345	373	401	427	444
37.5°	248	275	304	327	348	375	421	465	500	535	560
35°	290	322	358	384	416	467	523	584	645	694	738
32.5°	330	366	403	443	493	564	635	733	824	916	1004
30°	366	407	451	503	584	683	798	948	1111	1273	1458
27.5°	404	449	502	584	706	842	1054	1290	1627	1898	2334
25°	446	496	568	700	869	1107	1477	1898	2595	3189	3860
22.5°	496	573	676	840	1122	1552	2127	3045	4114	5107	6054
20°	558	663	838	1100	1504	2165	3257	4649	6135	7588	8993
17.5°	639	806	1056	1429	2002	3392	5016	7005	9551	11463	13276
15°	714	925	1303	1906	2985	4774	7044	10089	13517	16399	19658
12.5°	802	1057	1513	2295	3838	6201	9095	12727	16784	21158	26264
10°	879	1193	1779	2855	4727	7478	10721	14984	20194	26384	32837
7.5°	939	1306	2001	3276	5476	8525	12393	17578	24177	31411	38771
5°	985	1393	2176	3605	6113	9374	13614	19631	27152	35455	42774
2.5°	1021	1455	2292	3808	6543	9955	14449	20722	28973	38096	45780
0°	1048	1492	2356	3951	6743	10230	14835	21163	29826	39390	47292
-2.5°	1058	1512	2359	3901	6621	10213	14745	20892	29237	38876	46971
-5°	1062	1502	2300	3798	6406	9847	14154	19866	27440	36481	44685
-7.5°	1054	1462	2179	3543	5921	9200	13330	18343	24551	32523	41002
-10°	1025	1392	2016	3198	5254	8191	12046	16282	21242	27749	34621
-12.5°	974	1287	1790	2681	4469	7049	10463	14208	18073	22349	28001
-15°	913	1180	1606	2368	3742	5849	8614	11776	14984	18259	21707
-17.5°	866	1086	1417	1949	2873	4576	6787	9329	11931	14532	16854
-20°	807	975	1234	1647	2318	3326	4989	6966	8911	11032	12811



REPORT NUMBER: P627204 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-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°	754	897	1091	1351	1802	2512	3460	4852	6330	7870	9331
-25°	704	812	966	1175	1444	1866	2493	3220	4257	5205	6290
-27.5°	662	752	857	1012	1216	1447	1831	2256	2800	3251	3976
-30°	621	694	780	879	1029	1205	1411	1669	1935	2202	2549
-32.5°	583	644	711	792	885	1016	1145	1310	1455	1616	1781
-35°	546	600	656	719	791	877	974	1083	1180	1276	1363
-37.5°	514	559	608	658	715	776	851	928	993	1056	1110
-40°	487	525	565	607	653	701	760	817	861	902	936
-42.5°	462	496	527	563	601	646	691	735	765	793	815
-45°	439	468	497	526	557	596	635	669	693	714	730
-47.5°	414	440	466	493	523	554	585	610	631	650	662
-50°	389	415	439	461	487	515	542	564	582	598	607
-52.5°	366	390	414	436	458	480	501	522	540	557	563
-55°	342	366	387	409	430	450	470	487	504	520	525
-57.5°	319	344	366	383	401	420	438	456	472	486	492
-60°	293	318	338	354	372	389	405	421	437	451	457
-62.5°	262	285	302	319	335	350	364	379	393	405	411
-65°	226	245	262	278	293	306	320	333	345	354	360
-67.5°	194	208	223	237	252	265	277	289	300	307	312
-70°	164	176	189	202	215	227	238	248	258	265	270
-72.5°	136	147	159	171	182	192	201	210	219	225	229
-75°	110	120	130	140	150	158	166	173	180	185	189
-77.5°	88	95	102	110	117	124	130	136	141	145	149
-80°	65	71	76	82	87	92	97	101	106	109	113
-82.5°	44	48	53	57	62	64	67	69	71	74	77
-85°	25	28	31	34	36	38	40	42	43	45	46
-87.5°	10	11	12	14	15	15	15	16	16	17	18
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627204 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-730-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	6	6	6
60°	18	16	16	16	16	16	18	19	19	22	23
57.5°	77	82	85	86	85	82	77	70	62	60	59
55°	117	121	121	119	121	121	117	111	105	100	95
52.5°	151	151	150	148	150	151	151	148	143	136	126
50°	209	208	209	210	209	208	209	207	198	184	170
47.5°	269	272	273	271	273	272	269	265	255	238	219
45°	321	325	327	325	327	325	321	315	303	286	267
42.5°	377	380	381	382	381	380	377	371	355	334	310
40°	451	454	454	452	454	454	451	444	427	401	373
37.5°	577	586	590	600	590	586	577	560	535	500	465
35°	772	794	805	822	805	794	772	738	694	645	584
32.5°	1067	1110	1132	1155	1132	1110	1067	1004	916	824	733
30°	1586	1671	1705	1768	1705	1671	1586	1458	1273	1111	948
27.5°	2654	2856	2935	3100	2935	2856	2654	2334	1898	1627	1290
25°	4471	4905	5144	5333	5144	4905	4471	3860	3189	2595	1898
22.5°	7010	7645	7985	8236	7985	7645	7010	6054	5107	4114	3045
20°	10267	11106	11606	11969	11606	11106	10267	8993	7588	6135	4649
17.5°	15604	16922	17692	18354	17692	16922	15604	13276	11463	9551	7005
15°	23295	25943	28001	29148	28001	25943	23295	19658	16399	13517	10089
12.5°	30778	34656	36960	38020	36960	34656	30778	26264	21158	16784	12727
10°	38177	41835	44027	44414	44027	41835	38177	32837	26384	20194	14984
7.5°	43842	47864	50777	51836	50777	47864	43842	38771	31411	24177	17578
5°	48846	53555	56638	57029	56638	53555	48846	42774	35455	27152	19631
2.5°	52526	57646	60635	61662	60635	57646	52526	45780	38096	28973	20722
0°	54307	59820	63147	64643	63147	59820	54307	47292	39390	29826	21163
-2.5°	53932	59635	63348	65301	63348	59635	53932	46971	38876	29237	20892
-5°	51881	57601	61063	63138	61063	57601	51881	44685	36481	27440	19866
-7.5°	47153	52501	56186	58102	56186	52501	47153	41002	32523	24551	18343
-10°	41059	45586	48945	50577	48945	45586	41059	34621	27749	21242	16282
-12.5°	33141	37532	40562	41717	40562	37532	33141	28001	22349	18073	14208
-15°	25392	28743	30896	31578	30896	28743	25392	21707	18259	14984	11776
-17.5°	19256	21060	22271	22598	22271	21060	19256	16854	14532	11931	9329
-20°	14426	15544	16330	16517	16330	15544	14426	12811	11032	8911	6966

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REPORT NUMBER: P627204 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-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°	10511	11352	11987	12113	11987	11352	10511	9331	7870	6330	4852
-25°	7251	7954	8384	8417	8384	7954	7251	6290	5205	4257	3220
-27.5°	4546	4932	5131	5201	5131	4932	4546	3976	3251	2800	2256
-30°	2809	2987	3081	3084	3081	2987	2809	2549	2202	1935	1669
-32.5°	1907	1993	2040	2039	2040	1993	1907	1781	1616	1455	1310
-35°	1429	1473	1498	1501	1498	1473	1429	1363	1276	1180	1083
-37.5°	1149	1173	1186	1188	1186	1173	1149	1110	1056	993	928
-40°	960	977	988	995	988	977	960	936	902	861	817
-42.5°	831	842	847	843	847	842	831	815	793	765	735
-45°	740	747	751	752	751	747	740	730	714	693	669
-47.5°	668	671	673	674	673	671	668	662	650	631	610
-50°	611	614	614	613	614	614	611	607	598	582	564
-52.5°	565	566	567	567	567	566	565	563	557	540	522
-55°	528	529	530	530	530	529	528	525	520	504	487
-57.5°	496	499	499	498	499	499	496	492	486	472	456
-60°	462	466	468	469	468	466	462	457	451	437	421
-62.5°	417	421	423	424	423	421	417	411	405	393	379
-65°	364	368	373	378	373	368	364	360	354	345	333
-67.5°	316	319	324	329	324	319	316	312	307	300	289
-70°	274	278	279	280	279	278	274	270	265	258	248
-72.5°	234	237	238	239	238	237	234	229	225	219	210
-75°	193	196	197	197	197	196	193	189	185	180	173
-77.5°	152	155	156	156	156	155	152	149	145	141	136
-80°	116	119	117	115	117	119	116	113	109	106	101
-82.5°	79	82	80	78	80	82	79	77	74	71	69
-85°	48	49	47	45	47	49	48	46	45	43	42
-87.5°	19	21	18	16	18	21	19	18	17	16	16
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627204 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-730-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	5	4	3	2	1	1	1	0	1
60°	20	14	18	19	15	10	10	8	4	4	3
57.5°	60	57	49	43	41	36	29	23	19	13	8
55°	91	85	77	68	60	56	50	43	36	28	21
52.5°	114	111	105	94	85	78	69	62	55	47	36
50°	159	150	141	130	119	108	98	85	73	66	56
47.5°	204	193	184	172	155	141	128	115	98	83	74
45°	248	232	218	205	189	172	157	141	124	106	90
42.5°	291	268	248	236	217	199	182	167	148	128	111
40°	345	312	290	274	255	228	212	194	174	151	133
37.5°	421	375	348	327	304	275	248	226	202	178	156
35°	523	467	416	384	358	322	290	261	234	208	181
32.5°	635	564	493	443	403	366	330	298	265	236	208
30°	798	683	584	503	451	407	366	330	295	262	234
27.5°	1054	842	706	584	502	449	404	361	322	288	257
25°	1477	1107	869	700	568	496	446	395	350	311	279
22.5°	2127	1552	1122	840	676	573	496	431	378	340	303
20°	3257	2165	1504	1100	838	663	558	478	419	370	328
17.5°	5016	3392	2002	1429	1056	806	639	533	459	400	353
15°	7044	4774	2985	1906	1303	925	714	586	502	433	377
12.5°	9095	6201	3838	2295	1513	1057	802	649	544	462	397
10°	10721	7478	4727	2855	1779	1193	879	696	573	484	415
7.5°	12393	8525	5476	3276	2001	1306	939	733	597	503	430
5°	13614	9374	6113	3605	2176	1393	985	763	617	518	443
2.5°	14449	9955	6543	3808	2292	1455	1021	787	635	528	451
0°	14835	10230	6743	3951	2356	1492	1048	802	650	534	456
-2.5°	14745	10213	6621	3901	2359	1512	1058	805	654	542	461
-5°	14154	9847	6406	3798	2300	1502	1062	807	655	545	463
-7.5°	13330	9200	5921	3543	2179	1462	1054	807	654	547	465
-10°	12046	8191	5254	3198	2016	1392	1025	793	647	544	465
-12.5°	10463	7049	4469	2681	1790	1287	974	768	634	536	461
-15°	8614	5849	3742	2368	1606	1180	913	734	618	524	454
-17.5°	6787	4576	2873	1949	1417	1086	866	711	601	513	447
-20°	4989	3326	2318	1647	1234	975	807	680	580	503	441

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REPORT NUMBER: P627204 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-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°	3460	2512	1802	1351	1091	897	754	644	555	489	432
-25°	2493	1866	1444	1175	966	812	704	613	537	475	421
-27.5°	1831	1447	1216	1012	857	752	662	582	517	459	410
-30°	1411	1205	1029	879	780	694	621	555	495	442	398
-32.5°	1145	1016	885	792	711	644	583	526	472	427	383
-35°	974	877	791	719	656	600	546	497	452	409	367
-37.5°	851	776	715	658	608	559	514	472	431	389	351
-40°	760	701	653	607	565	525	487	449	409	368	335
-42.5°	691	646	601	563	527	496	462	426	389	352	320
-45°	635	596	557	526	497	468	439	405	369	337	306
-47.5°	585	554	523	493	466	440	414	383	352	321	289
-50°	542	515	487	461	439	415	389	363	333	302	273
-52.5°	501	480	458	436	414	390	366	339	310	284	259
-55°	470	450	430	409	387	366	342	316	291	267	240
-57.5°	438	420	401	383	366	344	319	295	270	245	220
-60°	405	389	372	354	338	318	293	269	246	223	199
-62.5°	364	350	335	319	302	285	262	240	220	200	179
-65°	320	306	293	278	262	245	226	209	193	177	158
-67.5°	277	265	252	237	223	208	194	180	166	151	133
-70°	238	227	215	202	189	176	164	151	137	124	110
-72.5°	201	192	182	171	159	147	136	124	113	101	90
-75°	166	158	150	140	130	120	110	101	92	83	73
-77.5°	130	124	117	110	102	95	88	80	72	65	57
-80°	97	92	87	82	76	71	65	59	52	47	41
-82.5°	67	64	62	57	53	48	44	40	35	31	27
-85°	40	38	36	34	31	28	25	23	20	17	15
-87.5°	15	15	15	14	12	11	10	9	8	7	6
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P627204 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-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	1	0	0	0
60°	2	2	1	1	1	0	0	1	1	0	0
57.5°	7	5	3	2	2	1	1	1	2	1	0
55°	13	10	6	3	3	3	1	2	3	2	0
52.5°	26	18	12	6	4	4	3	2	3	3	1
50°	43	30	20	13	5	5	4	3	3	4	2
47.5°	62	46	32	21	13	6	5	4	3	4	3
45°	79	65	45	31	20	12	8	4	4	4	4
42.5°	96	82	63	41	29	18	11	7	4	4	4
40°	116	98	80	58	39	25	16	10	4	4	4
37.5°	136	116	96	74	51	34	21	14	6	5	4
35°	158	136	111	88	64	44	26	18	10	6	4
32.5°	178	153	127	102	76	53	33	22	14	8	4
30°	202	170	142	115	87	64	42	27	17	9	4
27.5°	224	186	155	128	99	73	51	33	21	12	6
25°	245	205	170	139	111	83	60	39	25	15	7
22.5°	265	224	183	150	123	93	68	46	29	17	9
20°	285	242	197	164	135	104	76	53	34	20	10
17.5°	306	260	215	179	146	114	84	59	39	22	12
15°	326	278	232	193	157	123	92	65	43	25	14
12.5°	344	294	247	205	168	131	98	70	48	27	16
10°	359	308	260	217	179	139	105	75	52	30	18
7.5°	372	321	271	228	188	146	110	80	56	32	20
5°	383	331	279	236	195	153	115	84	60	34	22
2.5°	390	337	286	242	201	159	120	87	63	35	23
0°	395	341	292	247	206	164	123	90	66	37	25
-2.5°	399	346	297	252	210	170	127	93	68	41	25
-5°	402	348	301	256	214	174	130	95	70	44	26
-7.5°	404	351	305	258	217	177	132	97	71	47	26
-10°	404	353	307	261	219	179	134	98	73	49	26
-12.5°	402	354	308	262	220	180	136	100	74	50	26
-15°	399	353	307	261	220	180	138	102	75	50	26
-17.5°	395	351	305	259	219	179	139	103	75	50	27
-20°	391	347	301	255	217	178	139	103	75	49	29

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REPORT NUMBER: P627204 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-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°	385	341	296	252	214	177	137	101	74	48	30
-25°	377	332	289	248	211	175	135	99	73	47	30
-27.5°	367	323	282	244	207	171	132	97	70	45	31
-30°	354	315	276	238	202	166	127	94	68	45	31
-32.5°	342	306	269	231	196	160	121	90	66	45	30
-35°	330	296	260	223	188	153	116	85	63	44	30
-37.5°	317	284	249	213	181	146	112	83	60	43	29
-40°	304	272	236	204	172	138	108	81	58	42	28
-42.5°	290	257	225	195	163	132	103	78	57	40	27
-45°	275	244	215	185	155	126	99	74	54	39	26
-47.5°	259	233	204	174	147	119	93	70	51	37	25
-50°	247	220	190	163	137	112	87	65	48	35	23
-52.5°	232	204	176	151	127	104	80	60	45	33	22
-55°	214	187	161	138	116	94	72	56	42	30	20
-57.5°	195	169	147	126	105	84	65	51	38	27	18
-60°	175	154	134	113	92	74	59	45	34	24	16
-62.5°	158	138	118	98	81	65	52	41	30	22	15
-65°	138	119	101	85	70	57	46	35	27	19	13
-67.5°	116	101	86	72	59	49	39	31	24	17	12
-70°	97	83	71	60	49	40	34	27	20	15	11
-72.5°	79	68	57	47	41	34	28	23	17	13	9
-75°	63	54	46	39	33	28	23	18	14	10	8
-77.5°	49	42	36	31	26	22	18	13	10	8	7
-80°	36	32	27	24	20	16	13	10	8	6	5
-82.5°	24	21	19	17	14	11	9	6	5	4	4
-85°	14	12	11	10	8	6	5	3	3	3	2
-87.5°	6	5	5	5	4	3	2	2	2	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: P627204 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-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°	4	3	1	0	0	0	0
35°	4	3	1	0	0	0	0
32.5°	4	4	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	3	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	4	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°	8	4	4	0	0	0	0
0°	8	4	4	0	0	0	0
-2.5°	10	5	4	0	0	0	0
-5°	11	5	4	1	0	0	0
-7.5°	13	5	4	1	0	0	0
-10°	14	6	4	1	0	0	0
-12.5°	15	6	4	1	0	0	0
-15°	16	6	4	1	0	0	0
-17.5°	16	6	4	2	0	0	0
-20°	17	7	4	2	0	0	0

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Scaled Data Report



REPORT NUMBER: P627204 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	17	7	4	2	0	0	0
-25°	17	7	4	2	0	0	0
-27.5°	17	8	4	2	0	0	0
-30°	17	8	4	2	0	0	0
-32.5°	17	8	5	2	0	0	0
-35°	17	8	5	2	0	0	0
-37.5°	17	8	5	1	0	0	0
-40°	17	9	5	1	0	0	0
-42.5°	16	9	5	1	0	0	0
-45°	15	9	5	1	0	0	0
-47.5°	15	9	5	1	0	0	0
-50°	14	9	5	1	0	0	0
-52.5°	13	8	4	1	0	0	0
-55°	13	8	4	1	0	0	0
-57.5°	12	7	3	1	0	0	0
-60°	11	7	3	1	0	0	0
-62.5°	10	6	3	1	0	0	0
-65°	9	6	3	1	0	0	0
-67.5°	8	5	3	1	0	0	0
-70°	8	5	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	3	1	1	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)