

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: P627944 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627944 (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-SA6D-740-U-MR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

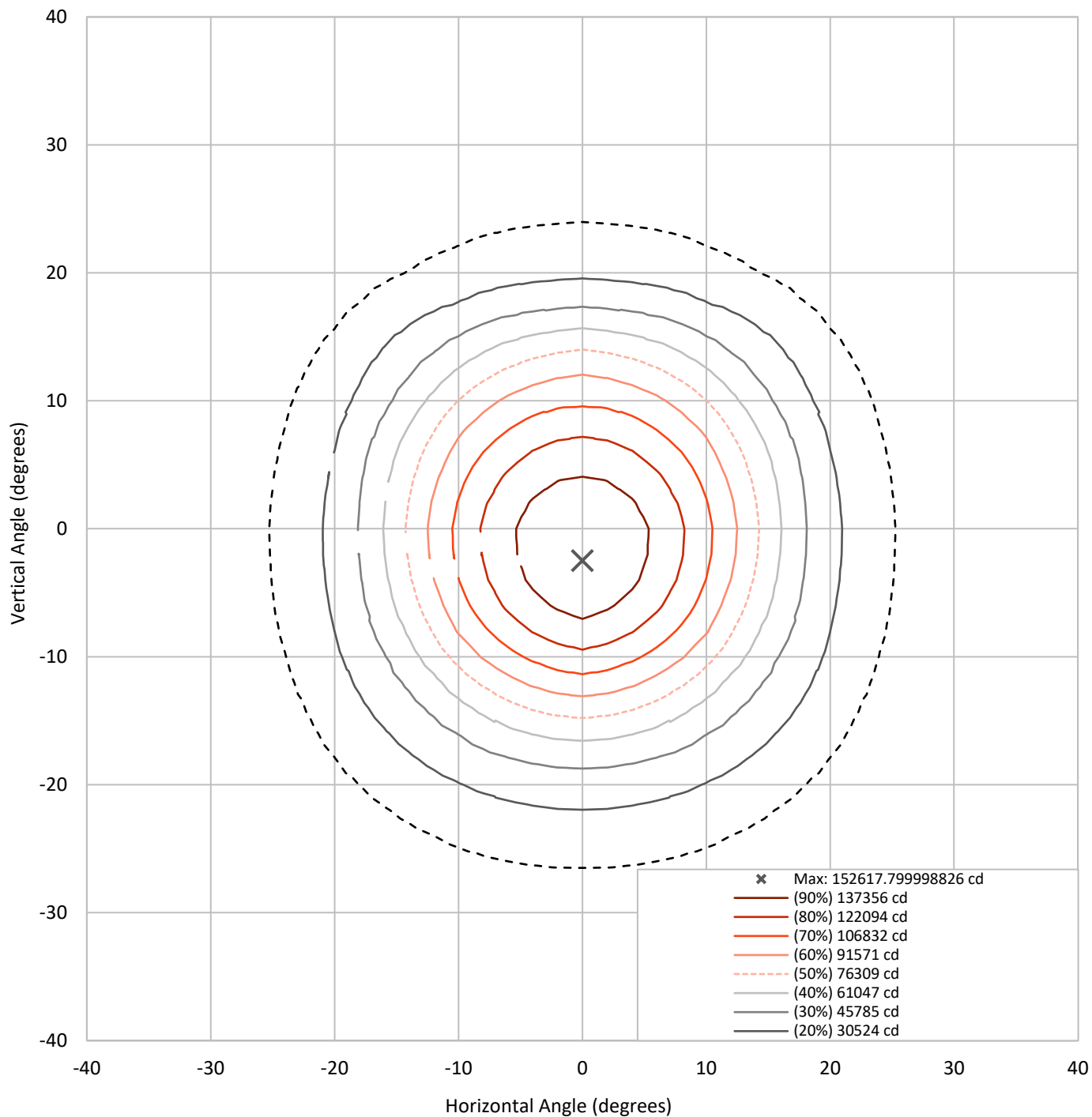
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	43285.8 lumens	Max Intensity:	152617.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	132.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	21643.3 lumens	Field Lumens:	37190.5 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%

Input Watts (W): 325.9
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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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	0.1	0.2	0.3	0.2	0.2	0.3	0.2	0.1	0.0	0.0	0.0	0.0			
60			0.1	0.2	1.2	3.0	5.0	6.8	8.2	8.2	6.8	5.0	3.0	1.2	0.2	0.1				
50	0.1		0.2	1.5	4.7	9.1	14.0	19.7	23.1	23.1	19.7	14.0	9.1	4.7	1.5	0.2	0.1			
40			0.6	3.7	9.3	17.0	28.0	46.7	62.3	62.3	46.7	28.0	17.0	9.3	3.7	0.6				
30	0.3		1.4	5.8	14.1	26.9	65.4	205.4	376.8	376.8	205.4	65.4	26.9	14.1	5.8	1.4	0.3			
20			2.1	8.1	19.2	46.1	225.5	916.7	1794.9	1794.9	916.7	225.5	46.1	19.2	8.1	2.1				
10	0.6		2.7	9.8	22.9	66.1	429.7	1850.9	3627.9	3627.9	1850.9	429.7	66.1	22.9	9.8	2.7	0.6			
0			3.1	10.6	24.2	70.6	450.2	1899.2	3846.9	3846.9	1899.2	450.2	70.6	24.2	10.6	3.1				
-10	0.8		3.3	10.9	23.6	58.1	276.4	1050.3	2035.8	2035.8	1050.3	276.4	58.1	23.6	10.9	3.3	0.8			
-20			3.2	10.3	21.6	42.5	107.3	325.2	580.3	580.3	325.2	107.3	42.5	21.6	10.3	3.2				
-30	0.8		2.8	9.2	18.7	32.3	53.0	86.5	115.7	115.7	86.5	53.0	32.3	18.7	9.2	2.8	0.8			
-40			2.4	7.6	15.5	25.5	36.5	48.1	53.9	53.9	48.1	36.5	25.5	15.5	7.6	2.4				
-50	0.5		1.8	5.7	12.1	19.9	27.7	34.6	37.7	37.7	34.6	27.7	19.9	12.1	5.7	1.8	0.5			
-60			1.1	3.6	7.9	13.3	18.9	23.7	26.2	26.2	23.7	18.9	13.3	7.9	3.6	1.1				
-70	0.2																0.2			
-80			2.8		12.8		27.6		34.9		27.6		12.8		2.8					
-90																				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
	Horizontal Angle (degrees)																			

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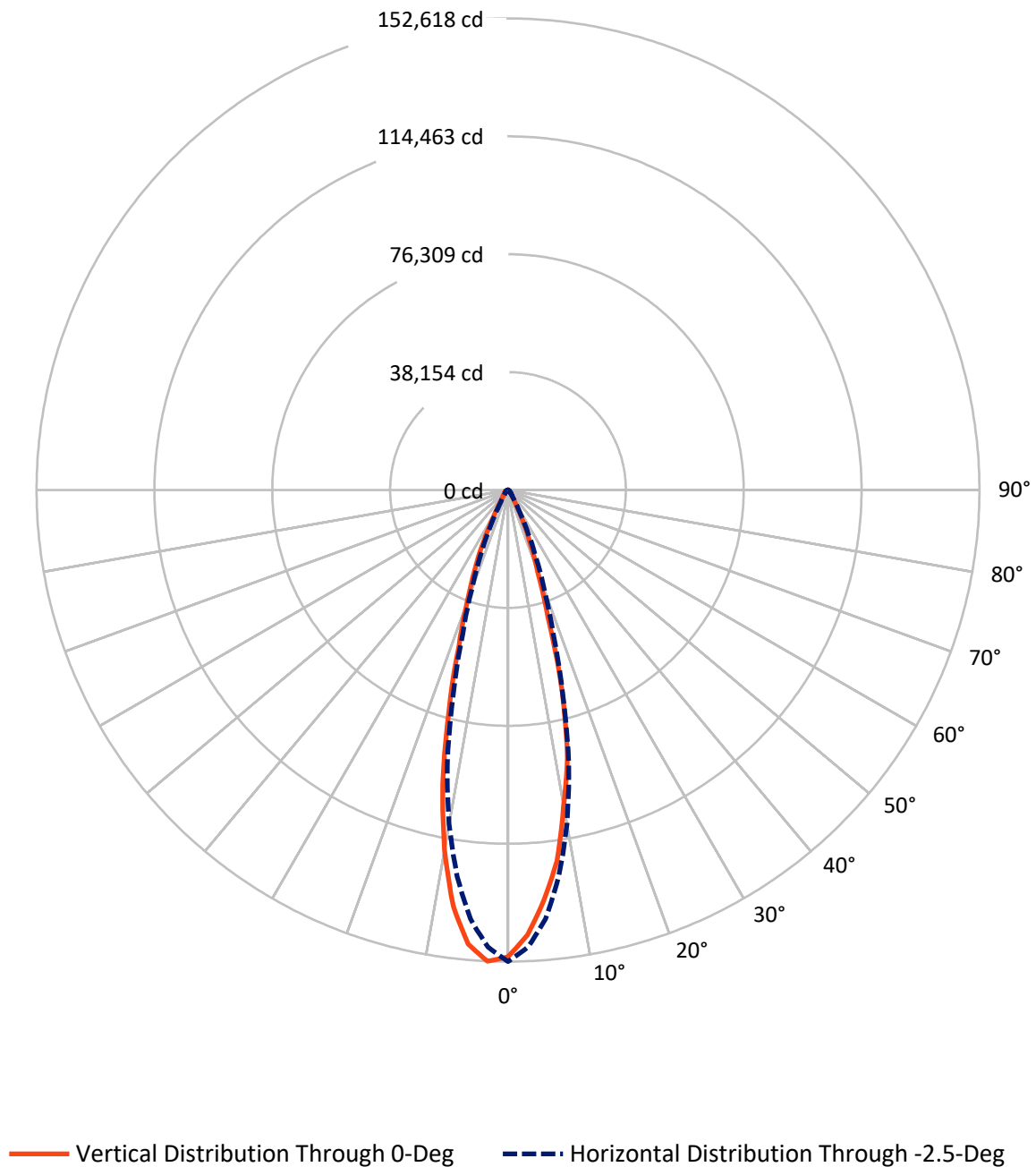
Scaled Data Report



REPORT NUMBER: P627944 (CONVERTED FROM TYPE C PHOTOMETRY)

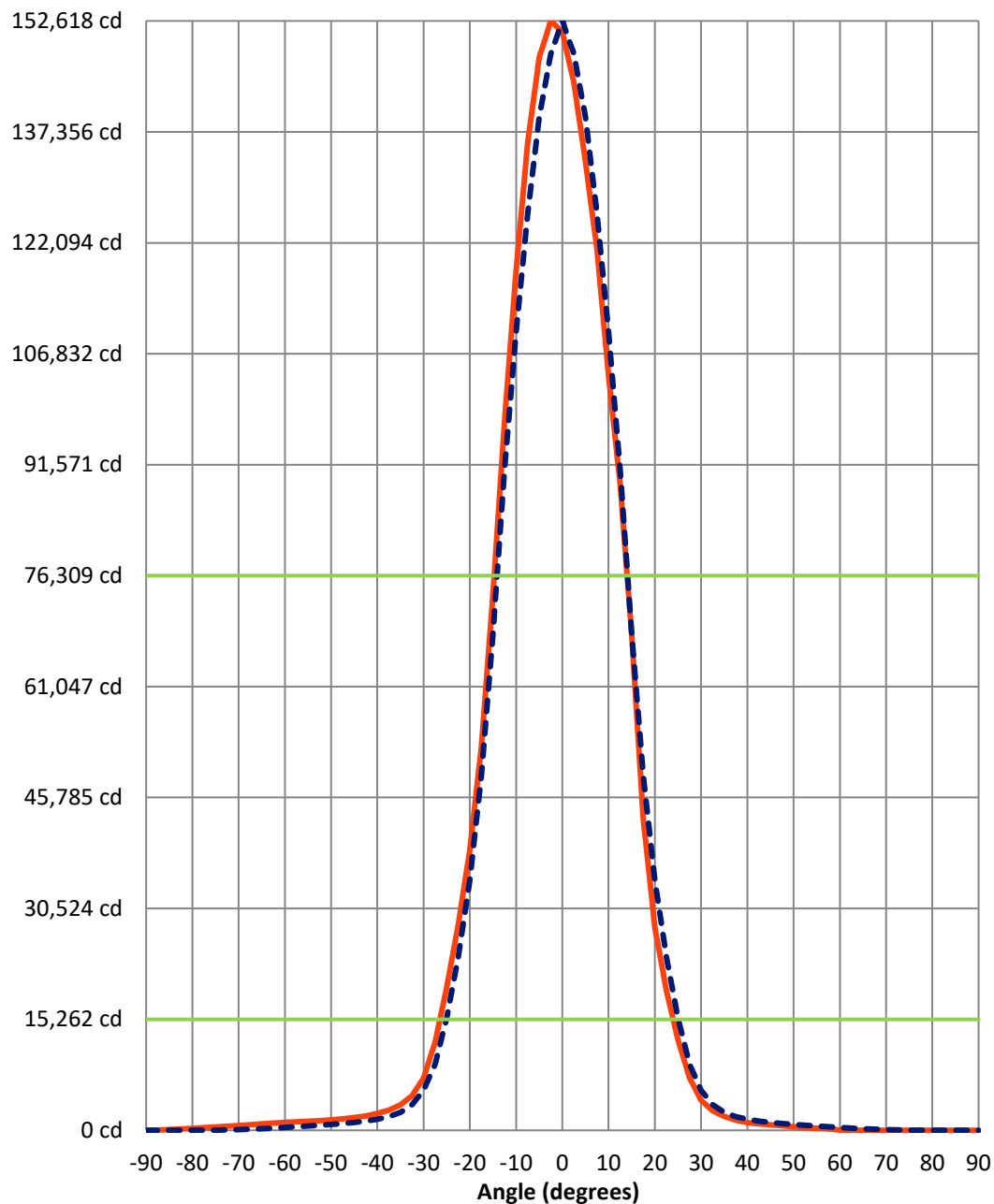
CATALOG NUMBER: GFLD-SA6D-740-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



— 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	2	3
57.5°	0	0	0	0	0	0	0	0	2	4	3
55°	0	0	0	0	0	0	1	0	4	6	4
52.5°	0	0	0	0	0	0	2	3	7	7	5
50°	0	0	0	0	0	1	3	5	9	7	6
47.5°	0	0	0	0	0	2	4	7	10	8	8
45°	0	0	0	0	0	3	5	9	10	9	9
42.5°	0	0	0	0	0	4	7	10	10	9	15
40°	0	0	0	0	0	5	8	10	10	10	23
37.5°	0	0	0	0	1	7	9	10	12	14	32
35°	0	0	0	0	2	8	9	10	14	23	41
32.5°	0	0	0	0	3	8	10	10	18	32	52
30°	0	0	0	0	4	9	10	10	22	40	64
27.5°	0	0	0	0	5	9	10	13	27	49	77
25°	0	0	0	0	6	9	10	17	34	58	90
22.5°	0	0	0	0	7	10	10	20	41	69	107
20°	0	0	0	0	7	10	10	24	47	79	124
17.5°	0	0	0	0	8	10	10	28	53	90	138
15°	0	0	0	0	8	10	11	32	58	101	152
12.5°	0	0	0	0	9	10	12	37	63	111	164
10°	0	0	0	0	9	10	14	42	69	121	175
7.5°	0	0	0	0	9	10	15	47	74	131	186
5°	0	0	0	0	9	10	16	51	79	140	196
2.5°	0	0	0	0	10	10	18	54	83	147	204
0°	0	0	0	0	10	10	19	58	86	154	211
-2.5°	0	0	0	1	10	11	23	59	95	159	218
-5°	0	0	0	1	9	12	27	60	103	164	222
-7.5°	0	0	0	2	9	13	30	60	109	167	226
-10°	0	0	0	2	9	14	33	61	114	170	229
-12.5°	0	0	0	3	9	14	35	61	117	173	234
-15°	0	0	0	3	9	15	37	62	118	175	238
-17.5°	0	0	0	4	9	15	38	64	117	176	241
-20°	0	0	0	4	9	15	39	67	115	175	240

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REPORT NUMBER: P627944 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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	4	9	15	40	69	112	173	237
-25°	0	0	0	4	9	16	40	71	109	170	231
-27.5°	0	0	0	4	9	18	40	72	106	165	226
-30°	0	0	0	4	10	19	40	72	105	159	219
-32.5°	0	0	0	4	11	19	39	71	105	153	210
-35°	0	0	0	4	11	19	39	70	104	147	199
-37.5°	0	0	0	3	12	20	39	68	101	141	194
-40°	0	0	0	3	13	20	39	66	98	136	189
-42.5°	0	0	0	2	12	21	38	63	94	132	182
-45°	0	0	0	2	12	21	36	61	91	126	173
-47.5°	0	0	0	1	11	21	34	58	87	119	164
-50°	0	0	0	1	11	20	33	55	82	113	153
-52.5°	0	0	0	2	10	19	31	50	76	106	140
-55°	0	0	0	2	9	18	30	46	70	97	130
-57.5°	0	0	0	2	8	17	27	42	63	89	118
-60°	0	0	0	2	7	16	25	39	56	80	106
-62.5°	0	0	0	2	7	15	23	34	51	70	95
-65°	0	0	0	2	7	13	22	31	45	63	83
-67.5°	0	0	0	2	6	12	20	28	39	55	72
-70°	0	0	0	2	6	11	18	25	35	47	63
-72.5°	0	0	0	2	5	10	16	22	30	40	53
-75°	0	0	0	2	5	9	14	19	24	32	42
-77.5°	0	0	0	1	4	7	12	15	19	24	31
-80°	0	0	0	1	3	6	10	12	15	18	23
-82.5°	0	0	0	1	2	5	7	9	10	12	15
-85°	0	0	0	1	2	3	5	6	7	7	8
-87.5°	0	0	0	0	1	2	2	3	3	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0

REPORT NUMBER: P627944 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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	2	2	1	2	3
60°	1	0	1	2	2	4	6	8	9	9	20
57.5°	1	2	5	5	7	11	16	18	30	44	53
55°	3	6	8	8	14	23	31	48	64	84	101
52.5°	6	10	9	15	28	42	61	84	109	128	145
50°	9	11	13	31	48	70	99	131	153	171	199
47.5°	13	15	29	49	74	107	146	172	194	229	268
45°	18	28	47	73	106	151	185	210	248	289	330
42.5°	25	43	69	96	148	191	224	260	300	346	390
40°	38	57	92	135	188	229	271	312	354	407	454
37.5°	50	79	118	172	225	272	319	366	417	473	528
35°	61	102	149	205	260	317	368	422	485	547	609
32.5°	77	124	178	237	297	359	416	486	552	619	696
30°	98	149	204	269	331	397	471	548	613	689	771
27.5°	120	171	232	298	363	435	524	601	672	754	843
25°	140	194	258	325	396	479	573	652	727	818	924
22.5°	160	217	288	350	428	523	620	708	794	883	1007
20°	179	242	315	383	460	565	667	766	865	979	1117
17.5°	197	265	342	418	502	607	714	824	936	1074	1246
15°	214	287	368	450	542	649	761	882	1012	1173	1370
12.5°	230	307	393	480	576	686	803	928	1079	1272	1517
10°	245	324	418	508	607	720	839	970	1132	1339	1626
7.5°	258	341	440	533	632	749	870	1005	1176	1396	1714
5°	270	358	456	551	653	773	895	1035	1211	1441	1784
2.5°	280	372	470	565	669	787	911	1054	1234	1483	1839
0°	288	384	480	577	682	798	922	1067	1249	1518	1874
-2.5°	297	397	491	589	695	808	933	1078	1266	1529	1883
-5°	305	407	500	598	705	814	939	1083	1274	1530	1887
-7.5°	310	414	506	604	712	820	943	1088	1278	1527	1885
-10°	313	418	511	610	717	825	944	1086	1272	1511	1854
-12.5°	319	420	514	612	720	827	940	1077	1254	1482	1795
-15°	323	420	514	611	718	825	933	1060	1226	1444	1716
-17.5°	324	419	512	606	713	821	922	1044	1199	1404	1663
-20°	324	416	507	597	704	811	913	1031	1175	1356	1589

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CATALOG NUMBER: GFLD-SA6D-740-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°	321	413	500	588	691	796	899	1010	1143	1296	1505
-25°	317	408	493	580	676	777	881	983	1110	1256	1434
-27.5°	309	401	485	570	660	756	857	958	1073	1207	1360
-30°	297	389	473	557	645	736	828	930	1033	1158	1298
-32.5°	283	375	457	541	628	715	799	896	997	1104	1230
-35°	271	358	441	520	608	691	771	857	955	1056	1162
-37.5°	262	340	423	498	582	665	740	820	908	1006	1103
-40°	252	322	403	477	552	635	710	782	861	956	1049
-42.5°	240	309	382	455	527	601	679	747	822	909	996
-45°	230	294	362	432	503	570	641	714	787	863	946
-47.5°	218	279	343	406	476	544	606	676	751	823	896
-50°	203	262	321	380	445	513	578	638	705	778	849
-52.5°	187	242	297	352	412	476	542	604	663	725	793
-55°	169	220	272	323	377	437	499	562	623	679	738
-57.5°	153	195	245	295	344	394	455	514	573	631	689
-60°	137	173	216	264	312	359	410	465	521	576	629
-62.5°	121	153	189	230	275	322	369	417	468	515	561
-65°	107	132	163	199	237	278	322	368	414	452	488
-67.5°	91	114	139	167	201	235	270	311	352	388	421
-70°	79	95	115	139	166	194	226	257	289	320	353
-72.5°	66	80	95	111	134	159	185	209	236	264	291
-75°	54	65	77	91	107	127	148	171	193	214	236
-77.5°	41	51	61	71	83	99	115	133	151	169	187
-80°	30	37	47	55	64	74	84	96	109	122	137
-82.5°	20	26	33	39	45	50	56	63	73	82	92
-85°	11	14	19	23	26	29	32	35	41	47	53
-87.5°	6	7	9	11	12	12	13	14	16	18	21
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA6D-740-U-MR-VSR-XX

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	2	2	2	1	0	0
62.5°	3	4	7	10	11	12	13	13	13	13	13
60°	24	24	36	44	43	33	47	54	52	45	44
57.5°	67	84	97	101	114	134	140	137	139	146	163
55°	118	131	140	160	180	198	212	222	234	246	260
52.5°	161	183	198	218	244	260	267	294	317	335	346
50°	228	251	277	304	329	351	371	398	429	462	483
47.5°	300	330	362	401	429	451	476	513	556	595	619
45°	367	401	441	479	511	541	579	624	668	707	737
42.5°	426	465	508	551	579	627	679	725	780	830	867
40°	495	533	596	640	678	729	805	873	937	998	1037
37.5°	579	642	709	763	814	878	983	1087	1169	1251	1309
35°	677	753	838	896	973	1091	1222	1365	1508	1623	1726
32.5°	771	855	941	1035	1152	1319	1484	1713	1925	2142	2346
30°	855	950	1055	1175	1364	1597	1865	2215	2596	2975	3407
27.5°	945	1049	1173	1365	1651	1968	2464	3015	3802	4435	5455
25°	1042	1159	1328	1635	2030	2588	3453	4437	6064	7454	9022
22.5°	1159	1340	1579	1963	2623	3627	4972	7117	9616	11936	14150
20°	1303	1549	1958	2570	3515	5060	7611	10864	14339	17735	21019
17.5°	1494	1885	2469	3339	4679	7927	11724	16372	22321	26791	31028
15°	1669	2162	3046	4455	6977	11157	16462	23580	31590	38326	45944
12.5°	1875	2471	3536	5364	8969	14494	21257	29745	39226	49449	61383
10°	2055	2787	4158	6673	11047	17476	25056	35020	47196	61662	76745
7.5°	2194	3052	4678	7656	12797	19923	28965	41083	56504	73412	90613
5°	2301	3256	5086	8425	14286	21909	31817	45880	63458	82864	99969
2.5°	2385	3400	5356	8899	15292	23266	33768	48430	67713	89036	106995
0°	2450	3488	5506	9235	15760	23908	34671	49460	69707	92059	110528
-2.5°	2473	3534	5513	9118	15475	23869	34460	48828	68331	90858	109778
-5°	2482	3511	5375	8876	14971	23013	33080	46430	64131	85261	104435
-7.5°	2463	3417	5092	8281	13839	21502	31154	42871	57380	76010	95827
-10°	2397	3253	4711	7474	12280	19143	28154	38054	49645	64853	80913
-12.5°	2277	3008	4184	6266	10445	16473	24453	33205	42238	52233	65442
-15°	2133	2757	3754	5533	8746	13669	20131	27523	35020	42673	50731
-17.5°	2024	2539	3313	4555	6715	10696	15863	21803	27886	33963	39390
-20°	1886	2278	2883	3849	5418	7773	11660	16282	20826	25782	29942

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627944 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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°	1762	2096	2549	3157	4212	5870	8086	11339	14793	18392	21807
-25°	1646	1898	2257	2746	3376	4362	5825	7526	9950	12164	14700
-27.5°	1547	1758	2003	2364	2841	3382	4280	5273	6543	7599	9292
-30°	1452	1621	1822	2055	2405	2816	3298	3900	4522	5146	5957
-32.5°	1363	1505	1663	1851	2067	2376	2676	3061	3402	3777	4163
-35°	1276	1402	1532	1681	1848	2051	2276	2531	2758	2983	3186
-37.5°	1202	1307	1421	1538	1672	1813	1989	2170	2322	2469	2594
-40°	1138	1226	1320	1418	1525	1639	1777	1909	2012	2107	2187
-42.5°	1081	1158	1232	1315	1404	1509	1615	1717	1787	1853	1906
-45°	1026	1093	1161	1228	1301	1393	1484	1563	1619	1668	1707
-47.5°	967	1028	1089	1151	1222	1294	1368	1427	1476	1518	1547
-50°	910	970	1025	1077	1139	1204	1268	1318	1361	1398	1418
-52.5°	854	911	967	1020	1071	1122	1171	1219	1263	1301	1316
-55°	799	856	906	955	1005	1053	1098	1139	1178	1215	1227
-57.5°	746	803	856	896	938	981	1025	1065	1103	1137	1149
-60°	685	743	789	828	869	910	947	984	1021	1053	1068
-62.5°	613	665	707	745	782	818	852	886	919	946	961
-65°	527	572	614	651	684	716	748	778	806	827	840
-67.5°	453	486	521	555	589	620	648	675	700	718	729
-70°	383	412	443	473	504	531	556	580	603	619	630
-72.5°	317	344	371	399	426	449	471	491	511	525	536
-75°	258	280	304	327	350	369	387	404	420	432	442
-77.5°	205	222	239	256	274	290	304	317	330	340	348
-80°	151	165	179	192	204	215	226	236	247	256	264
-82.5°	103	113	123	134	144	150	156	161	166	173	179
-85°	59	66	72	79	85	89	93	97	101	105	108
-87.5°	24	26	29	32	35	35	36	37	37	40	43
-90°	0	0	0	0	0	0	0	0	0	0	0

REPORT NUMBER: P627944 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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	1	2
62.5°	12	10	9	10	9	10	12	13	13	13	13
60°	42	38	38	38	38	38	42	44	45	52	54
57.5°	179	192	200	202	200	192	179	163	146	139	137
55°	272	282	283	279	283	282	272	260	246	234	222
52.5°	352	353	351	346	351	353	352	346	335	317	294
50°	489	487	488	490	488	487	489	483	462	429	398
47.5°	629	635	638	634	638	635	629	619	595	556	513
45°	751	760	763	759	763	760	751	737	707	668	624
42.5°	882	888	891	894	891	888	882	867	830	780	725
40°	1055	1061	1060	1057	1060	1061	1055	1037	998	937	873
37.5°	1348	1369	1378	1403	1378	1369	1348	1309	1251	1169	1087
35°	1805	1855	1881	1922	1881	1855	1805	1726	1623	1508	1365
32.5°	2493	2594	2647	2700	2647	2594	2493	2346	2142	1925	1713
30°	3706	3904	3985	4132	3985	3904	3706	3407	2975	2596	2215
27.5°	6204	6674	6859	7246	6859	6674	6204	5455	4435	3802	3015
25°	10450	11463	12022	12464	12022	11463	10450	9022	7454	6064	4437
22.5°	16383	17868	18662	19248	18662	17868	16383	14150	11936	9616	7117
20°	23996	25956	27125	27973	27125	25956	23996	21019	17735	14339	10864
17.5°	36469	39549	41349	42897	41349	39549	36469	31028	26791	22321	16372
15°	54445	60633	65443	68122	65443	60633	54445	45944	38326	31590	23580
12.5°	71932	80996	86382	88859	86382	80996	71932	61383	49449	39226	29745
10°	89226	97773	102897	103802	102897	97773	89226	76745	61662	47196	35020
7.5°	102465	111865	118673	121147	118673	111865	102465	90613	73412	56504	41083
5°	114159	125165	132370	133284	132370	125165	114159	99969	82864	63458	45880
2.5°	122761	134726	141712	144113	141712	134726	122761	106995	89036	67713	48430
0°	126922	139808	147582	151080	147582	139808	126922	110528	92059	69707	49460
-2.5°	126047	139375	148052	152618	148052	139375	126047	109778	90858	68331	48828
-5°	121254	134621	142712	147563	142712	134621	121254	104435	85261	64131	46430
-7.5°	110202	122702	131315	135792	131315	122702	110202	95827	76010	57380	42871
-10°	95961	106540	114391	118206	114391	106540	95961	80913	64853	49645	38054
-12.5°	77455	87717	94800	97498	94800	87717	77455	65442	52233	42238	33205
-15°	59344	67176	72208	73801	72208	67176	59344	50731	42673	35020	27523
-17.5°	45004	49221	52051	52814	52051	49221	45004	39390	33963	27886	21803
-20°	33717	36330	38166	38601	38166	36330	33717	29942	25782	20826	16282

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627944 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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°	24567	26531	28014	28310	28014	26531	24567	21807	18392	14793	11339
-25°	16946	18589	19595	19671	19595	18589	16946	14700	12164	9950	7526
-27.5°	10624	11526	11992	12156	11992	11526	10624	9292	7599	6543	5273
-30°	6565	6981	7200	7207	7200	6981	6565	5957	5146	4522	3900
-32.5°	4457	4658	4767	4766	4767	4658	4457	4163	3777	3402	3061
-35°	3339	3442	3501	3508	3501	3442	3339	3186	2983	2758	2531
-37.5°	2685	2742	2772	2777	2772	2742	2685	2594	2469	2322	2170
-40°	2245	2284	2309	2325	2309	2284	2245	2187	2107	2012	1909
-42.5°	1941	1968	1979	1970	1979	1968	1941	1906	1853	1787	1717
-45°	1729	1745	1755	1759	1755	1745	1729	1707	1668	1619	1563
-47.5°	1561	1569	1573	1576	1573	1569	1561	1547	1518	1476	1427
-50°	1428	1435	1436	1432	1436	1435	1428	1418	1398	1361	1318
-52.5°	1321	1323	1325	1326	1325	1323	1321	1316	1301	1263	1219
-55°	1233	1236	1239	1240	1239	1236	1233	1227	1215	1178	1139
-57.5°	1159	1167	1167	1163	1167	1167	1159	1149	1137	1103	1065
-60°	1080	1089	1094	1096	1094	1089	1080	1068	1053	1021	984
-62.5°	974	984	988	990	988	984	974	961	946	919	886
-65°	851	860	872	884	872	860	851	840	827	806	778
-67.5°	738	746	757	769	757	746	738	729	718	700	675
-70°	641	650	653	653	653	650	641	630	619	603	580
-72.5°	546	554	557	557	557	554	546	536	525	511	491
-75°	451	459	461	461	461	459	451	442	432	420	404
-77.5°	356	363	365	365	365	363	356	348	340	330	317
-80°	271	277	274	269	274	277	271	264	256	247	236
-82.5°	185	191	187	183	187	191	185	179	173	166	161
-85°	112	115	110	106	110	115	112	108	105	101	97
-87.5°	45	48	43	38	43	48	45	43	40	37	37
-90°	0	0	0	0	0	0	0	0	0	0	0

REPORT NUMBER: P627944 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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°	2	2	0	0	0	0	0	0	0	0	0
62.5°	13	12	11	10	7	4	3	3	2	1	2
60°	47	33	43	44	36	24	24	20	9	9	8
57.5°	140	134	114	101	97	84	67	53	44	30	18
55°	212	198	180	160	140	131	118	101	84	64	48
52.5°	267	260	244	218	198	183	161	145	128	109	84
50°	371	351	329	304	277	251	228	199	171	153	131
47.5°	476	451	429	401	362	330	300	268	229	194	172
45°	579	541	511	479	441	401	367	330	289	248	210
42.5°	679	627	579	551	508	465	426	390	346	300	260
40°	805	729	678	640	596	533	495	454	407	354	312
37.5°	983	878	814	763	709	642	579	528	473	417	366
35°	1222	1091	973	896	838	753	677	609	547	485	422
32.5°	1484	1319	1152	1035	941	855	771	696	619	552	486
30°	1865	1597	1364	1175	1055	950	855	771	689	613	548
27.5°	2464	1968	1651	1365	1173	1049	945	843	754	672	601
25°	3453	2588	2030	1635	1328	1159	1042	924	818	727	652
22.5°	4972	3627	2623	1963	1579	1340	1159	1007	883	794	708
20°	7611	5060	3515	2570	1958	1549	1303	1117	979	865	766
17.5°	11724	7927	4679	3339	2469	1885	1494	1246	1074	936	824
15°	16462	11157	6977	4455	3046	2162	1669	1370	1173	1012	882
12.5°	21257	14494	8969	5364	3536	2471	1875	1517	1272	1079	928
10°	25056	17476	11047	6673	4158	2787	2055	1626	1339	1132	970
7.5°	28965	19923	12797	7656	4678	3052	2194	1714	1396	1176	1005
5°	31817	21909	14286	8425	5086	3256	2301	1784	1441	1211	1035
2.5°	33768	23266	15292	8899	5356	3400	2385	1839	1483	1234	1054
0°	34671	23908	15760	9235	5506	3488	2450	1874	1518	1249	1067
-2.5°	34460	23869	15475	9118	5513	3534	2473	1883	1529	1266	1078
-5°	33080	23013	14971	8876	5375	3511	2482	1887	1530	1274	1083
-7.5°	31154	21502	13839	8281	5092	3417	2463	1885	1527	1278	1088
-10°	28154	19143	12280	7474	4711	3253	2397	1854	1511	1272	1086
-12.5°	24453	16473	10445	6266	4184	3008	2277	1795	1482	1254	1077
-15°	20131	13669	8746	5533	3754	2757	2133	1716	1444	1226	1060
-17.5°	15863	10696	6715	4555	3313	2539	2024	1663	1404	1199	1044
-20°	11660	7773	5418	3849	2883	2278	1886	1589	1356	1175	1031

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REPORT NUMBER: P627944 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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°	8086	5870	4212	3157	2549	2096	1762	1505	1296	1143	1010
-25°	5825	4362	3376	2746	2257	1898	1646	1434	1256	1110	983
-27.5°	4280	3382	2841	2364	2003	1758	1547	1360	1207	1073	958
-30°	3298	2816	2405	2055	1822	1621	1452	1298	1158	1033	930
-32.5°	2676	2376	2067	1851	1663	1505	1363	1230	1104	997	896
-35°	2276	2051	1848	1681	1532	1402	1276	1162	1056	955	857
-37.5°	1989	1813	1672	1538	1421	1307	1202	1103	1006	908	820
-40°	1777	1639	1525	1418	1320	1226	1138	1049	956	861	782
-42.5°	1615	1509	1404	1315	1232	1158	1081	996	909	822	747
-45°	1484	1393	1301	1228	1161	1093	1026	946	863	787	714
-47.5°	1368	1294	1222	1151	1089	1028	967	896	823	751	676
-50°	1268	1204	1139	1077	1025	970	910	849	778	705	638
-52.5°	1171	1122	1071	1020	967	911	854	793	725	663	604
-55°	1098	1053	1005	955	906	856	799	738	679	623	562
-57.5°	1025	981	938	896	856	803	746	689	631	573	514
-60°	947	910	869	828	789	743	685	629	576	521	465
-62.5°	852	818	782	745	707	665	613	561	515	468	417
-65°	748	716	684	651	614	572	527	488	452	414	368
-67.5°	648	620	589	555	521	486	453	421	388	352	311
-70°	556	531	504	473	443	412	383	353	320	289	257
-72.5°	471	449	426	399	371	344	317	291	264	236	209
-75°	387	369	350	327	304	280	258	236	214	193	171
-77.5°	304	290	274	256	239	222	205	187	169	151	133
-80°	226	215	204	192	179	165	151	137	122	109	96
-82.5°	156	150	144	134	123	113	103	92	82	73	63
-85°	93	89	85	79	72	66	59	53	47	41	35
-87.5°	36	35	35	32	29	26	24	21	18	16	14
-90°	0	0	0	0	0	0	0	0	0	0	0

REPORT NUMBER: P627944 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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°	2	0	0	0	0	0	0	1	0	0	0
60°	6	4	2	2	1	0	1	3	2	0	0
57.5°	16	11	7	5	5	2	1	3	4	2	0
55°	31	23	14	8	8	6	3	4	6	4	0
52.5°	61	42	28	15	9	10	6	5	7	7	3
50°	99	70	48	31	13	11	9	6	7	9	5
47.5°	146	107	74	49	29	15	13	8	8	10	7
45°	185	151	106	73	47	28	18	9	9	10	9
42.5°	224	191	148	96	69	43	25	15	9	10	10
40°	271	229	188	135	92	57	38	23	10	10	10
37.5°	319	272	225	172	118	79	50	32	14	12	10
35°	368	317	260	205	149	102	61	41	23	14	10
32.5°	416	359	297	237	178	124	77	52	32	18	10
30°	471	397	331	269	204	149	98	64	40	22	10
27.5°	524	435	363	298	232	171	120	77	49	27	13
25°	573	479	396	325	258	194	140	90	58	34	17
22.5°	620	523	428	350	288	217	160	107	69	41	20
20°	667	565	460	383	315	242	179	124	79	47	24
17.5°	714	607	502	418	342	265	197	138	90	53	28
15°	761	649	542	450	368	287	214	152	101	58	32
12.5°	803	686	576	480	393	307	230	164	111	63	37
10°	839	720	607	508	418	324	245	175	121	69	42
7.5°	870	749	632	533	440	341	258	186	131	74	47
5°	895	773	653	551	456	358	270	196	140	79	51
2.5°	911	787	669	565	470	372	280	204	147	83	54
0°	922	798	682	577	480	384	288	211	154	86	58
-2.5°	933	808	695	589	491	397	297	218	159	95	59
-5°	939	814	705	598	500	407	305	222	164	103	60
-7.5°	943	820	712	604	506	414	310	226	167	109	60
-10°	944	825	717	610	511	418	313	229	170	114	61
-12.5°	940	827	720	612	514	420	319	234	173	117	61
-15°	933	825	718	611	514	420	323	238	175	118	62
-17.5°	922	821	713	606	512	419	324	241	176	117	64
-20°	913	811	704	597	507	416	324	240	175	115	67

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CATALOG NUMBER: GFLD-SA6D-740-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°	899	796	691	588	500	413	321	237	173	112	69
-25°	881	777	676	580	493	408	317	231	170	109	71
-27.5°	857	756	660	570	485	401	309	226	165	106	72
-30°	828	736	645	557	473	389	297	219	159	105	72
-32.5°	799	715	628	541	457	375	283	210	153	105	71
-35°	771	691	608	520	441	358	271	199	147	104	70
-37.5°	740	665	582	498	423	340	262	194	141	101	68
-40°	710	635	552	477	403	322	252	189	136	98	66
-42.5°	679	601	527	455	382	309	240	182	132	94	63
-45°	641	570	503	432	362	294	230	173	126	91	61
-47.5°	606	544	476	406	343	279	218	164	119	87	58
-50°	578	513	445	380	321	262	203	153	113	82	55
-52.5°	542	476	412	352	297	242	187	140	106	76	50
-55°	499	437	377	323	272	220	169	130	97	70	46
-57.5°	455	394	344	295	245	195	153	118	89	63	42
-60°	410	359	312	264	216	173	137	106	80	56	39
-62.5°	369	322	275	230	189	153	121	95	70	51	34
-65°	322	278	237	199	163	132	107	83	63	45	31
-67.5°	270	235	201	167	139	114	91	72	55	39	28
-70°	226	194	166	139	115	95	79	63	47	35	25
-72.5°	185	159	134	111	95	80	66	53	40	30	22
-75°	148	127	107	91	77	65	54	42	32	24	19
-77.5°	115	99	83	71	61	51	41	31	24	19	15
-80°	84	74	64	55	47	37	30	23	18	15	12
-82.5°	56	50	45	39	33	26	20	15	12	10	9
-85°	32	29	26	23	19	14	11	8	7	7	6
-87.5°	13	12	12	11	9	7	6	4	4	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627944 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-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°	1	0	0	0	0	0	0
52.5°	2	0	0	0	0	0	0
50°	3	1	0	0	0	0	0
47.5°	4	2	0	0	0	0	0
45°	5	3	0	0	0	0	0
42.5°	7	4	0	0	0	0	0
40°	8	5	0	0	0	0	0
37.5°	9	7	1	0	0	0	0
35°	9	8	2	0	0	0	0
32.5°	10	8	3	0	0	0	0
30°	10	9	4	0	0	0	0
27.5°	10	9	5	0	0	0	0
25°	10	9	6	0	0	0	0
22.5°	10	10	7	0	0	0	0
20°	10	10	7	0	0	0	0
17.5°	10	10	8	0	0	0	0
15°	11	10	8	0	0	0	0
12.5°	12	10	9	0	0	0	0
10°	14	10	9	0	0	0	0
7.5°	15	10	9	0	0	0	0
5°	16	10	9	0	0	0	0
2.5°	18	10	10	0	0	0	0
0°	19	10	10	0	0	0	0
-2.5°	23	11	10	1	0	0	0
-5°	27	12	9	1	0	0	0
-7.5°	30	13	9	2	0	0	0
-10°	33	14	9	2	0	0	0
-12.5°	35	14	9	3	0	0	0
-15°	37	15	9	3	0	0	0
-17.5°	38	15	9	4	0	0	0
-20°	39	15	9	4	0	0	0

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REPORT NUMBER: P627944 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	40	15	9	4	0	0	0
-25°	40	16	9	4	0	0	0
-27.5°	40	18	9	4	0	0	0
-30°	40	19	10	4	0	0	0
-32.5°	39	19	11	4	0	0	0
-35°	39	19	11	4	0	0	0
-37.5°	39	20	12	3	0	0	0
-40°	39	20	13	3	0	0	0
-42.5°	38	21	12	2	0	0	0
-45°	36	21	12	2	0	0	0
-47.5°	34	21	11	1	0	0	0
-50°	33	20	11	1	0	0	0
-52.5°	31	19	10	2	0	0	0
-55°	30	18	9	2	0	0	0
-57.5°	27	17	8	2	0	0	0
-60°	25	16	7	2	0	0	0
-62.5°	23	15	7	2	0	0	0
-65°	22	13	7	2	0	0	0
-67.5°	20	12	6	2	0	0	0
-70°	18	11	6	2	0	0	0
-72.5°	16	10	5	2	0	0	0
-75°	14	9	5	2	0	0	0
-77.5°	12	7	4	1	0	0	0
-80°	10	6	3	1	0	0	0
-82.5°	7	5	2	1	0	0	0
-85°	5	3	2	1	0	0	0
-87.5°	2	2	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)