

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: P627106 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-740-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627106 (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-SA3B-740-U-MWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

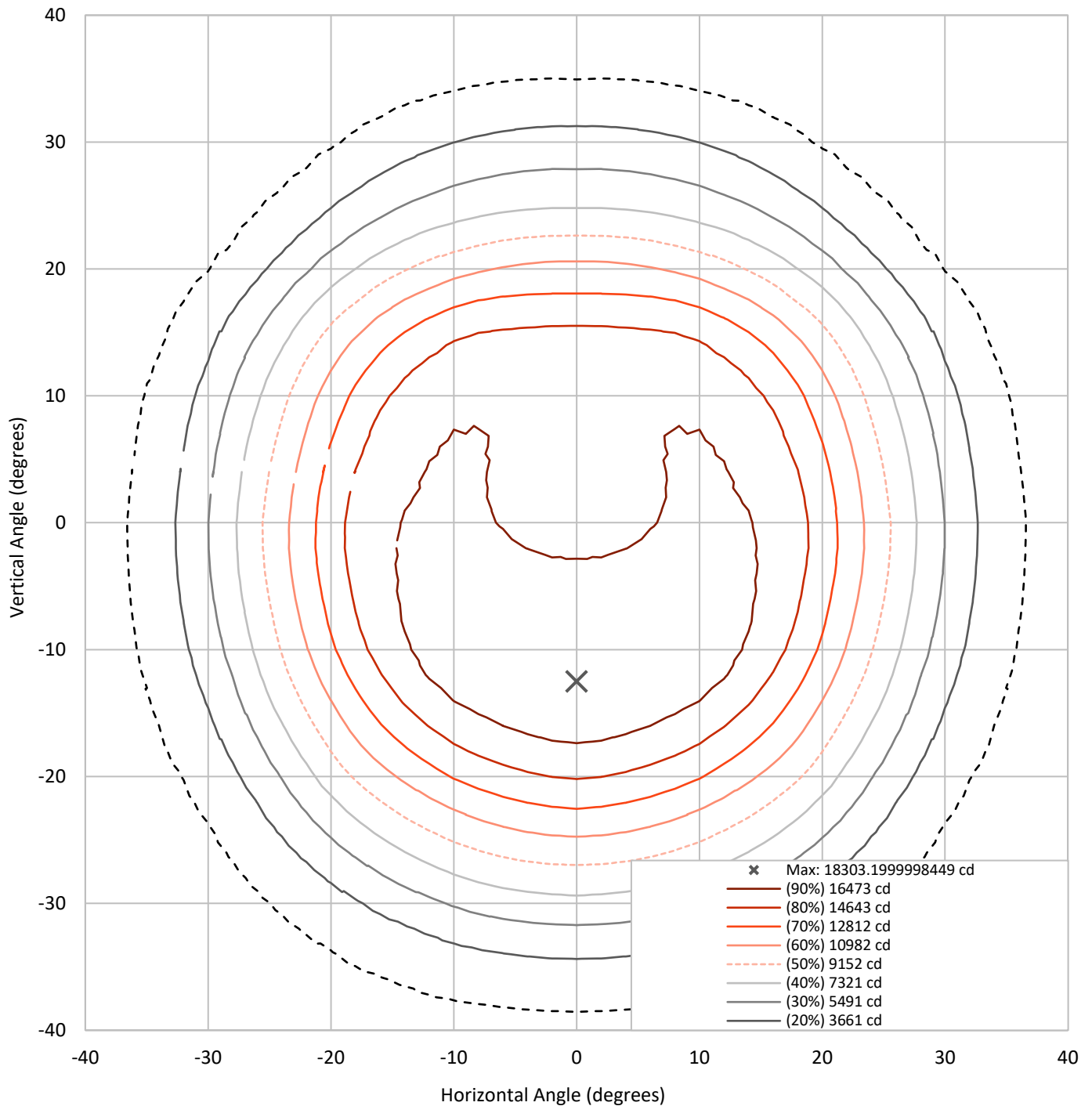
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 5V
Luminaire Lumens:	13064.5 lumens	Max Intensity:	18303.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -12.5°V
Efficacy:	139.4 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:	8750.5 lumens	Field Lumens:	11781.9 lumens
Beam Efficiency:	67.0%	Field Efficiency:	90.2%
Input Watts (W):	93.7		
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: P627106 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-740-U-MWR-VSR-XX

Iso-Candela Plot





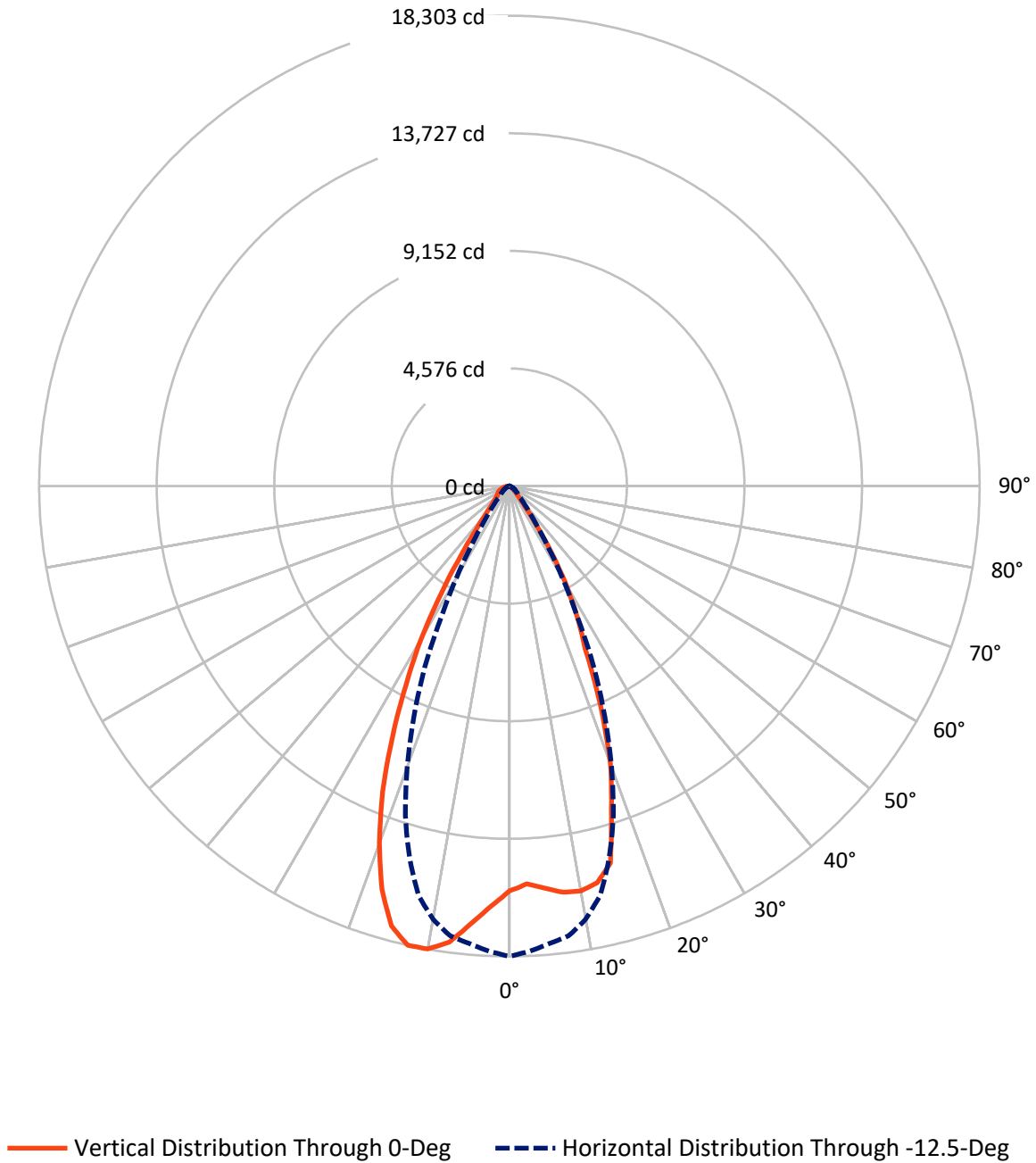
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Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.4	1.1	1.8	2.5	2.9	2.9	2.5	1.8	1.1	0.4	0.1		0.0			
40	0.1	0.1	0.5	1.8	3.7	6.0	9.0	11.0	11.0	9.0	6.0	3.7	1.8	0.5	0.1	0.1			
30		0.2	1.5	3.8	7.8	17.0	38.6	58.9	58.9	38.6	17.0	7.8	3.8	1.5	0.2				
20	0.1	0.5	2.4	6.1	16.4	60.7	156.4	218.6	218.6	156.4	60.7	16.4	6.1	2.4	0.5	0.1			
10		0.9	3.4	9.4	39.0	168.7	351.8	435.6	435.6	351.8	168.7	39.0	9.4	3.4	0.9				
0	0.3	1.1	4.2	12.2	62.1	248.4	453.6	491.8	491.8	453.6	248.4	62.1	12.2	4.2	1.1	0.3			
-10		1.3	4.6	13.0	65.0	256.5	470.0	522.0	522.0	470.0	256.5	65.0	13.0	4.6	1.3				
-20	0.4	1.4	4.7	11.8	46.5	191.0	396.5	506.2	506.2	396.5	191.0	46.5	11.8	4.7	1.4	0.4			
-30		1.4	4.5	9.8	26.0	92.7	220.9	310.9	310.9	220.9	92.7	26.0	9.8	4.5	1.4				
-40	0.3	1.2	4.0	8.2	15.5	33.0	69.0	102.4	102.4	69.0	33.0	15.5	8.2	4.0	1.2	0.3			
-50		1.0	3.4	6.8	11.3	16.7	23.5	27.9	27.9	23.5	16.7	11.3	6.8	3.4	1.0				
-60	0.2	0.8	2.5	5.4	8.9	12.3	15.4	16.8	16.8	15.4	12.3	8.9	5.4	2.5	0.8	0.2			
-70		0.5	1.6	3.7	6.3	8.8	11.2	12.5	12.5	11.2	8.8	6.3	3.7	1.6	0.5				
-80	0.1	1.4	6.6	14.0	18.0	14.0	6.6	1.4	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

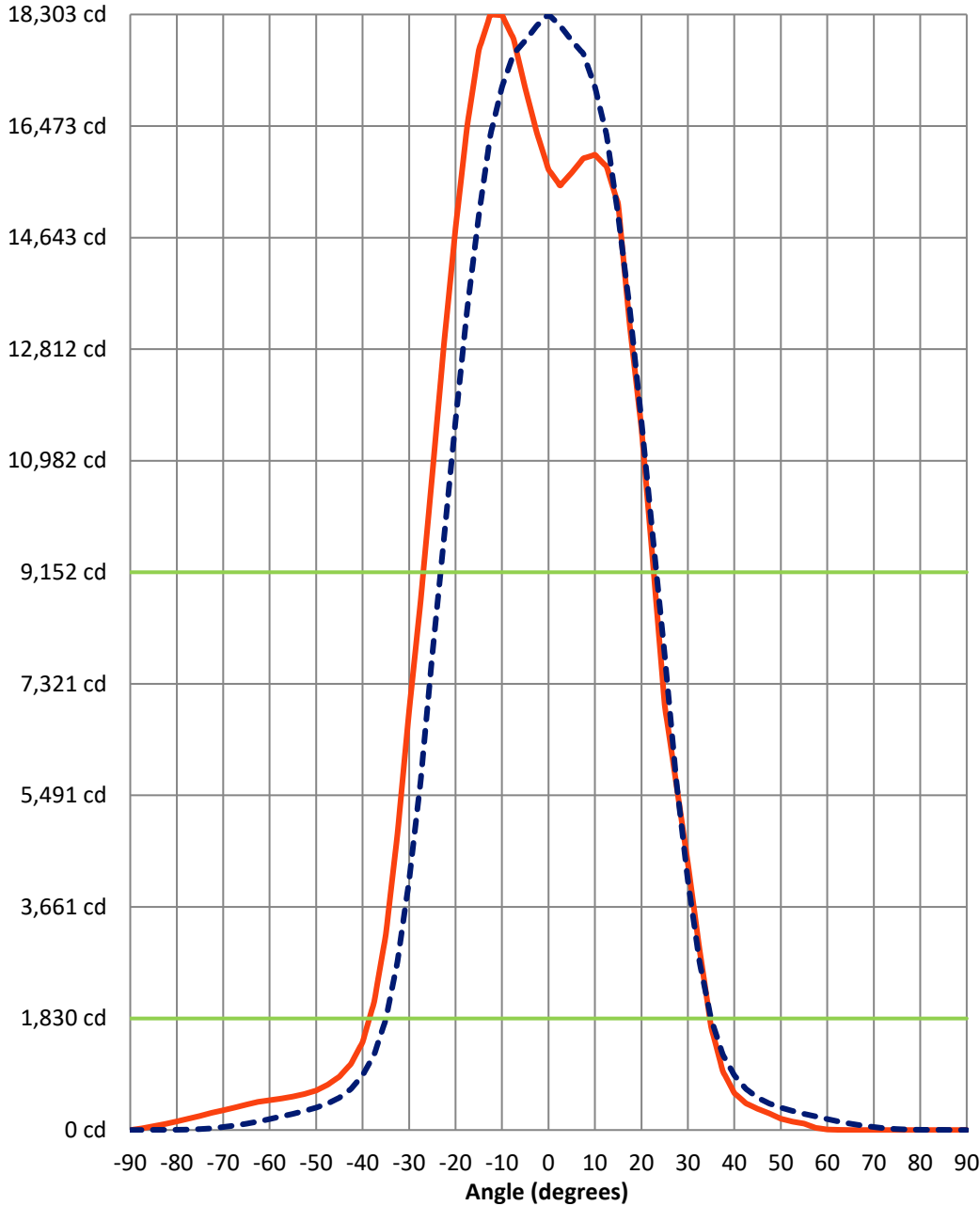
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 8750.5
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 11781.9
 Efficiency: 90.2%

Spill:
 Lumens: 1282.6
 Efficiency: 9.8%

— 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	0	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	0	0
65°	0	0	0	1	1	1	0	0	1	1	1
62.5°	0	0	0	1	2	1	0	1	1	2	2
60°	0	0	0	1	2	1	1	1	2	2	3
57.5°	0	0	0	2	2	1	1	2	3	3	3
55°	0	0	0	2	2	1	2	3	3	3	3
52.5°	0	0	1	2	2	2	2	3	3	3	3
50°	0	0	1	3	2	2	3	3	3	3	3
47.5°	0	0	1	3	2	2	3	3	3	3	4
45°	0	0	1	3	2	2	3	4	3	4	5
42.5°	0	0	1	3	2	3	4	4	3	5	6
40°	0	0	2	3	3	3	4	4	4	6	7
37.5°	0	0	2	3	3	3	4	4	5	7	8
35°	0	0	2	3	3	3	5	4	6	9	11
32.5°	0	0	2	3	3	4	5	5	7	11	18
30°	0	0	2	3	3	4	5	5	8	13	24
27.5°	0	0	2	3	3	4	5	6	10	16	30
25°	0	0	2	3	3	5	6	7	12	20	35
22.5°	0	0	3	3	3	5	6	8	14	25	41
20°	0	0	3	3	3	5	6	9	17	29	47
17.5°	0	0	3	3	3	5	6	10	20	32	54
15°	0	0	3	3	3	5	6	11	22	36	61
12.5°	0	0	3	3	3	6	7	13	25	38	67
10°	0	0	3	3	3	6	7	15	27	43	73
7.5°	0	0	3	3	3	6	8	18	29	48	78
5°	0	0	3	3	3	6	8	20	30	53	82
2.5°	0	0	3	3	3	6	9	22	32	58	85
0°	0	0	3	3	3	6	9	24	33	63	87
-2.5°	0	0	3	3	3	6	11	25	37	66	92
-5°	0	0	3	3	4	7	12	26	41	68	96
-7.5°	0	0	3	3	4	7	13	26	45	70	99
-10°	0	0	3	3	4	7	15	27	48	72	102
-12.5°	0	0	3	3	4	7	16	27	50	74	104
-15°	0	0	3	3	4	7	16	27	50	74	105
-17.5°	0	0	3	3	4	8	17	28	50	75	104
-20°	0	0	3	3	5	8	17	29	49	74	103

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CATALOG NUMBER: GFLD-SA3B-740-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	3	5	8	17	30	49	73	101
-25°	0	1	3	3	5	8	17	30	48	72	97
-27.5°	0	1	3	3	5	9	17	30	46	70	95
-30°	0	1	3	3	4	9	17	30	46	68	92
-32.5°	0	1	3	3	5	10	16	29	45	66	88
-35°	0	1	3	3	5	10	16	28	44	64	84
-37.5°	0	1	3	3	5	10	17	28	42	62	82
-40°	0	1	2	3	5	10	17	26	40	59	81
-42.5°	0	1	2	3	5	10	16	25	38	56	78
-45°	0	1	2	3	5	10	16	24	36	52	75
-47.5°	0	1	2	3	5	10	15	24	34	48	70
-50°	0	1	2	3	6	9	15	23	33	46	65
-52.5°	0	1	3	4	6	9	15	21	31	44	59
-55°	0	1	3	4	5	9	14	20	30	41	55
-57.5°	0	1	3	4	5	9	13	19	28	39	51
-60°	0	1	3	4	5	8	13	18	26	36	47
-62.5°	0	1	2	4	5	8	12	17	24	33	43
-65°	0	1	2	4	5	7	11	16	22	30	39
-67.5°	0	1	2	4	5	7	10	14	19	26	35
-70°	0	0	2	4	5	6	9	12	17	23	30
-72.5°	0	0	2	3	5	6	8	11	15	19	25
-75°	0	0	1	3	4	6	7	9	12	16	20
-77.5°	0	0	1	2	4	5	7	8	10	13	16
-80°	0	0	1	2	3	4	6	7	9	11	13
-82.5°	0	0	1	1	2	3	5	6	8	9	11
-85°	0	0	1	1	2	2	3	4	5	6	8
-87.5°	0	0	0	0	1	1	2	2	3	3	4
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627106 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	1	2	1	1	0	1	1	1	0	0	0
62.5°	3	2	2	1	2	2	2	1	0	1	1
60°	3	3	2	2	3	3	2	2	2	3	7
57.5°	3	3	3	3	3	3	4	4	11	18	20
55°	3	3	3	4	5	5	8	17	25	31	33
52.5°	3	3	5	6	7	11	21	31	39	45	53
50°	4	5	6	8	13	23	35	46	56	66	77
47.5°	5	6	9	13	24	38	51	65	77	91	107
45°	6	10	13	23	37	54	71	86	99	115	129
42.5°	8	15	22	33	53	72	92	105	119	136	155
40°	12	21	31	48	69	93	110	124	139	163	186
37.5°	18	29	42	64	89	112	129	145	167	195	223
35°	25	37	56	80	108	130	148	169	199	230	264
32.5°	32	44	69	97	124	146	167	198	230	264	310
30°	39	56	83	113	138	162	191	226	257	299	353
27.5°	46	67	97	126	152	177	215	248	284	333	397
25°	53	80	109	138	165	196	238	274	310	372	459
22.5°	63	91	122	149	177	217	262	306	354	415	523
20°	73	102	133	163	189	236	287	341	406	492	632
17.5°	82	112	144	176	209	257	314	378	459	566	772
15°	90	121	155	189	228	279	341	420	518	650	907
12.5°	98	129	165	202	245	298	365	450	566	757	1080
10°	105	136	175	215	259	316	386	476	606	834	1209
7.5°	110	143	184	227	272	331	404	497	640	894	1309
5°	115	152	192	236	282	343	418	514	670	938	1387
2.5°	119	161	199	243	289	353	430	529	698	974	1453
0°	123	168	204	249	294	360	438	540	720	999	1503
-2.5°	127	172	211	254	302	365	442	548	727	1003	1493
-5°	131	175	217	257	309	368	443	551	726	995	1462
-7.5°	134	176	221	260	313	370	444	550	719	978	1413
-10°	136	178	223	263	314	370	441	543	702	946	1337
-12.5°	139	180	223	265	313	368	436	531	675	898	1241
-15°	141	181	223	265	312	364	426	514	639	833	1121
-17.5°	142	181	222	263	309	358	414	493	606	777	1035
-20°	141	181	221	258	306	352	405	478	578	722	931

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CATALOG NUMBER: GFLD-SA3B-740-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°	140	179	219	254	300	345	395	459	543	661	830
-25°	137	177	216	252	293	338	382	438	512	616	756
-27.5°	132	173	212	248	286	329	371	422	486	567	678
-30°	126	168	206	243	280	320	360	403	460	530	620
-32.5°	119	163	199	236	273	311	349	388	437	495	565
-35°	115	156	193	227	264	301	337	374	414	465	526
-37.5°	112	148	186	218	253	289	324	359	396	437	491
-40°	108	141	178	210	242	277	311	344	378	419	461
-42.5°	104	135	170	203	232	264	297	329	363	400	440
-45°	99	129	161	192	222	252	283	313	347	382	419
-47.5°	94	121	153	180	209	239	270	300	329	362	397
-50°	87	113	142	168	194	224	254	284	313	341	372
-52.5°	80	103	130	156	180	205	236	267	295	323	350
-55°	72	94	119	144	168	190	217	247	276	303	331
-57.5°	66	85	107	131	155	178	202	228	256	283	310
-60°	61	76	95	117	141	163	187	211	237	262	287
-62.5°	55	68	84	102	124	147	169	192	216	238	260
-65°	50	61	74	89	106	127	148	170	192	211	230
-67.5°	44	54	64	76	91	108	125	145	165	184	202
-70°	38	46	55	65	76	90	106	122	138	155	172
-72.5°	32	39	47	55	65	76	89	102	116	130	145
-75°	26	32	38	45	53	63	73	84	96	107	119
-77.5°	20	25	31	36	42	50	58	67	76	85	94
-80°	16	19	23	28	33	38	44	50	56	64	72
-82.5°	13	15	17	20	24	27	31	35	40	46	51
-85°	9	10	12	14	16	18	20	22	26	29	33
-87.5°	4	5	6	7	8	9	10	11	12	14	15
-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	1	1	1	1	1	2	2	2	2
60°	8	6	8	10	10	7	11	12	11	9	9
57.5°	21	23	26	30	34	36	38	41	44	45	46
55°	39	46	54	58	64	74	83	84	85	87	92
52.5°	62	71	75	82	95	103	107	114	121	128	135
50°	90	97	106	118	130	138	140	153	168	180	187
47.5°	118	128	144	165	175	184	196	212	229	247	260
45°	144	162	183	201	215	230	247	267	293	317	336
42.5°	174	194	215	236	252	277	307	330	367	400	421
40°	208	229	259	285	316	349	400	447	494	548	588
37.5°	250	282	324	366	412	461	551	644	720	826	885
35°	300	349	409	471	546	662	794	973	1159	1314	1464
32.5°	358	420	504	614	740	926	1125	1455	1776	2097	2412
30°	415	505	633	785	992	1287	1661	2170	2722	3205	3643
27.5°	491	619	785	1011	1364	1796	2487	3195	3897	4525	4975
25°	582	755	989	1364	1873	2590	3516	4383	5208	5823	6341
22.5°	715	973	1306	1783	2707	3704	4813	5904	6830	7605	8116
20°	879	1228	1784	2650	3736	4983	6410	7558	8699	9571	10350
17.5°	1110	1667	2453	3552	4850	6513	7982	9262	10711	11602	12396
15°	1319	2034	3154	4557	6078	7840	9573	11141	12539	13518	14407
12.5°	1583	2425	3712	5362	7026	8988	10789	12468	13837	14845	15466
10°	1819	2825	4270	5995	7857	9907	11774	13521	14848	15627	16084
7.5°	2010	3158	4721	6537	8503	10566	12538	14272	15541	16193	16505
5°	2158	3405	5075	6981	9023	11134	13147	14844	15913	16452	16627
2.5°	2269	3576	5313	7274	9374	11554	13609	15281	16193	16582	16640
0°	2344	3697	5468	7457	9675	11704	13859	15557	16424	16737	16767
-2.5°	2326	3654	5461	7391	9641	11772	13898	15575	16503	16922	16990
-5°	2279	3551	5280	7202	9366	11500	13529	15299	16438	17072	17352
-7.5°	2187	3373	4970	6841	8922	11058	13127	14963	16274	17165	17714
-10°	2032	3114	4574	6383	8435	10470	12515	14421	15833	16906	17670
-12.5°	1820	2761	4091	5736	7798	9698	11635	13461	15001	16324	17114
-15°	1600	2395	3589	5094	6889	8761	10550	12342	13862	15099	16085
-17.5°	1444	2074	3008	4325	5901	7677	9422	11068	12440	13603	14637
-20°	1247	1714	2454	3561	4949	6501	8173	9638	10864	11954	12941

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627106 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	1090	1468	2002	2758	4005	5373	6741	8090	9242	10213	11056
-25°	947	1212	1630	2244	3055	4237	5390	6529	7592	8495	9254
-27.5°	835	1046	1324	1761	2377	3067	4076	5028	5943	6768	7484
-30°	732	891	1109	1382	1801	2313	2920	3632	4362	5013	5663
-32.5°	659	772	922	1125	1359	1726	2093	2572	3034	3509	3975
-35°	594	684	786	922	1083	1297	1539	1831	2078	2389	2676
-37.5°	549	612	690	776	891	1010	1174	1352	1505	1678	1824
-40°	511	561	614	672	751	831	937	1037	1134	1240	1318
-42.5°	480	520	558	603	649	714	785	847	906	968	1020
-45°	455	485	516	550	586	633	683	729	768	803	831
-47.5°	429	456	483	509	540	574	607	636	668	695	715
-50°	402	429	454	477	503	530	556	580	602	622	635
-52.5°	377	405	429	450	472	494	516	537	557	575	583
-55°	358	383	408	427	445	464	483	504	522	539	544
-57.5°	337	362	386	404	421	437	455	474	492	508	513
-60°	312	339	360	377	394	412	429	446	462	476	482
-62.5°	283	307	326	343	359	374	392	410	427	441	449
-65°	249	270	288	305	320	334	352	368	383	396	405
-67.5°	219	235	250	265	280	295	310	326	341	351	358
-70°	189	204	218	232	245	258	271	284	296	306	313
-72.5°	159	173	185	197	209	221	232	243	254	262	269
-75°	132	143	153	164	174	183	192	200	209	216	222
-77.5°	104	113	122	131	139	147	154	160	166	172	178
-80°	79	86	93	99	106	111	117	122	126	131	135
-82.5°	57	61	66	70	74	78	82	86	89	93	96
-85°	36	39	41	44	46	48	51	53	55	57	59
-87.5°	17	18	19	21	22	23	24	25	26	27	28
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627106 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-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	2	2	2	2
60°	9	9	9	9	9	9	9	9	9	11	12
57.5°	45	42	39	36	39	42	45	46	45	44	41
55°	98	103	106	105	106	103	98	92	87	85	84
52.5°	139	142	141	138	141	142	139	135	128	121	114
50°	190	191	189	186	189	191	190	187	180	168	153
47.5°	267	272	273	273	273	272	267	260	247	229	212
45°	343	347	349	348	349	347	343	336	317	293	267
42.5°	432	438	440	438	440	438	432	421	400	367	330
40°	611	619	616	606	616	619	611	588	548	494	447
37.5°	926	956	969	969	969	956	926	885	826	720	644
35°	1598	1705	1754	1693	1754	1705	1598	1464	1314	1159	973
32.5°	2669	2858	2965	2965	2965	2858	2669	2412	2097	1776	1455
30°	3973	4211	4344	4373	4344	4211	3973	3643	3205	2722	2170
27.5°	5327	5572	5699	5681	5699	5572	5327	4975	4525	3897	3195
25°	6685	6870	6977	6980	6977	6870	6685	6341	5823	5208	4383
22.5°	8690	9081	9242	9285	9242	9081	8690	8116	7605	6830	5904
20°	10877	11256	11500	11515	11500	11256	10877	10350	9571	8699	7558
17.5°	12960	13148	13183	13198	13183	13148	12960	12396	11602	10711	9262
15°	14924	14990	15163	15185	15163	14990	14924	14407	13518	12539	11141
12.5°	15857	15917	15887	15806	15887	15917	15857	15466	14845	13837	12468
10°	16365	16280	16153	16001	16153	16280	16365	16084	15627	14848	13521
7.5°	16480	16386	16163	15941	16163	16386	16480	16505	16193	15541	14272
5°	16535	16258	15976	15707	15976	16258	16535	16627	16452	15913	14844
2.5°	16502	16173	15786	15497	15786	16173	16502	16640	16582	16193	15281
0°	16608	16274	15869	15761	15869	16274	16608	16767	16737	16424	15557
-2.5°	16901	16631	16419	16361	16419	16631	16901	16990	16922	16503	15575
-5°	17428	17369	17009	17094	17009	17369	17428	17352	17072	16438	15299
-7.5°	17938	17853	17701	17898	17701	17853	17938	17714	17165	16274	14963
-10°	18073	18045	18117	18291	18117	18045	18073	17670	16906	15833	14421
-12.5°	17658	17875	18119	18303	18119	17875	17658	17114	16324	15001	13461
-15°	16732	17177	17542	17715	17542	17177	16732	16085	15099	13862	12342
-17.5°	15368	15914	16346	16470	16346	15914	15368	14637	13603	12440	11068
-20°	13690	14245	14638	14795	14638	14245	13690	12941	11954	10864	9638

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REPORT NUMBER: P627106 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	11800	12342	12699	12886	12699	12342	11800	11056	10213	9242	8090
-25°	9883	10359	10675	10759	10675	10359	9883	9254	8495	7592	6529
-27.5°	8049	8432	8665	8691	8665	8432	8049	7484	6768	5943	5028
-30°	6204	6560	6762	6869	6762	6560	6204	5663	5013	4362	3632
-32.5°	4357	4640	4811	4856	4811	4640	4357	3975	3509	3034	2572
-35°	2905	3081	3189	3211	3189	3081	2905	2676	2389	2078	1831
-37.5°	1942	2028	2081	2107	2081	2028	1942	1824	1678	1505	1352
-40°	1376	1416	1439	1444	1439	1416	1376	1318	1240	1134	1037
-42.5°	1053	1073	1084	1086	1084	1073	1053	1020	968	906	847
-45°	851	865	873	876	873	865	851	831	803	768	729
-47.5°	728	737	742	744	742	737	728	715	695	668	636
-50°	642	647	649	648	649	647	642	635	622	602	580
-52.5°	588	591	592	591	592	591	588	583	575	557	537
-55°	548	550	551	549	551	550	548	544	539	522	504
-57.5°	517	520	519	516	519	520	517	513	508	492	474
-60°	487	490	491	489	491	490	487	482	476	462	446
-62.5°	457	463	463	462	463	463	457	449	441	427	410
-65°	413	420	420	417	420	420	413	405	396	383	368
-67.5°	365	370	370	369	370	370	365	358	351	341	326
-70°	319	325	325	324	325	325	319	313	306	296	284
-72.5°	275	280	282	282	282	280	275	269	262	254	243
-75°	228	233	232	231	232	233	228	222	216	209	200
-77.5°	183	188	187	186	187	188	183	178	172	166	160
-80°	139	143	142	141	142	143	139	135	131	126	122
-82.5°	99	102	100	99	100	102	99	96	93	89	86
-85°	61	63	63	63	63	63	61	59	57	55	53
-87.5°	29	30	28	27	28	30	29	28	27	26	25
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627106 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-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°	1	1	1	1	1	1	1	1	1	0	1
60°	11	7	10	10	8	6	8	7	3	2	2
57.5°	38	36	34	30	26	23	21	20	18	11	4
55°	83	74	64	58	54	46	39	33	31	25	17
52.5°	107	103	95	82	75	71	62	53	45	39	31
50°	140	138	130	118	106	97	90	77	66	56	46
47.5°	196	184	175	165	144	128	118	107	91	77	65
45°	247	230	215	201	183	162	144	129	115	99	86
42.5°	307	277	252	236	215	194	174	155	136	119	105
40°	400	349	316	285	259	229	208	186	163	139	124
37.5°	551	461	412	366	324	282	250	223	195	167	145
35°	794	662	546	471	409	349	300	264	230	199	169
32.5°	1125	926	740	614	504	420	358	310	264	230	198
30°	1661	1287	992	785	633	505	415	353	299	257	226
27.5°	2487	1796	1364	1011	785	619	491	397	333	284	248
25°	3516	2590	1873	1364	989	755	582	459	372	310	274
22.5°	4813	3704	2707	1783	1306	973	715	523	415	354	306
20°	6410	4983	3736	2650	1784	1228	879	632	492	406	341
17.5°	7982	6513	4850	3552	2453	1667	1110	772	566	459	378
15°	9573	7840	6078	4557	3154	2034	1319	907	650	518	420
12.5°	10789	8988	7026	5362	3712	2425	1583	1080	757	566	450
10°	11774	9907	7857	5995	4270	2825	1819	1209	834	606	476
7.5°	12538	10566	8503	6537	4721	3158	2010	1309	894	640	497
5°	13147	11134	9023	6981	5075	3405	2158	1387	938	670	514
2.5°	13609	11554	9374	7274	5313	3576	2269	1453	974	698	529
0°	13859	11704	9675	7457	5468	3697	2344	1503	999	720	540
-2.5°	13898	11772	9641	7391	5461	3654	2326	1493	1003	727	548
-5°	13529	11500	9366	7202	5280	3551	2279	1462	995	726	551
-7.5°	13127	11058	8922	6841	4970	3373	2187	1413	978	719	550
-10°	12515	10470	8435	6383	4574	3114	2032	1337	946	702	543
-12.5°	11635	9698	7798	5736	4091	2761	1820	1241	898	675	531
-15°	10550	8761	6889	5094	3589	2395	1600	1121	833	639	514
-17.5°	9422	7677	5901	4325	3008	2074	1444	1035	777	606	493
-20°	8173	6501	4949	3561	2454	1714	1247	931	722	578	478

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REPORT NUMBER: P627106 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	6741	5373	4005	2758	2002	1468	1090	830	661	543	459
-25°	5390	4237	3055	2244	1630	1212	947	756	616	512	438
-27.5°	4076	3067	2377	1761	1324	1046	835	678	567	486	422
-30°	2920	2313	1801	1382	1109	891	732	620	530	460	403
-32.5°	2093	1726	1359	1125	922	772	659	565	495	437	388
-35°	1539	1297	1083	922	786	684	594	526	465	414	374
-37.5°	1174	1010	891	776	690	612	549	491	437	396	359
-40°	937	831	751	672	614	561	511	461	419	378	344
-42.5°	785	714	649	603	558	520	480	440	400	363	329
-45°	683	633	586	550	516	485	455	419	382	347	313
-47.5°	607	574	540	509	483	456	429	397	362	329	300
-50°	556	530	503	477	454	429	402	372	341	313	284
-52.5°	516	494	472	450	429	405	377	350	323	295	267
-55°	483	464	445	427	408	383	358	331	303	276	247
-57.5°	455	437	421	404	386	362	337	310	283	256	228
-60°	429	412	394	377	360	339	312	287	262	237	211
-62.5°	392	374	359	343	326	307	283	260	238	216	192
-65°	352	334	320	305	288	270	249	230	211	192	170
-67.5°	310	295	280	265	250	235	219	202	184	165	145
-70°	271	258	245	232	218	204	189	172	155	138	122
-72.5°	232	221	209	197	185	173	159	145	130	116	102
-75°	192	183	174	164	153	143	132	119	107	96	84
-77.5°	154	147	139	131	122	113	104	94	85	76	67
-80°	117	111	106	99	93	86	79	72	64	56	50
-82.5°	82	78	74	70	66	61	57	51	46	40	35
-85°	51	48	46	44	41	39	36	33	29	26	22
-87.5°	24	23	22	21	19	18	17	15	14	12	11
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627106 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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	0	0	0
65°	1	1	0	1	1	2	1	1	1	1	0
62.5°	2	2	2	1	2	2	3	2	2	1	1
60°	2	3	3	2	2	3	3	3	2	2	1
57.5°	4	3	3	3	3	3	3	3	3	3	2
55°	8	5	5	4	3	3	3	3	3	3	3
52.5°	21	11	7	6	5	3	3	3	3	3	3
50°	35	23	13	8	6	5	4	3	3	3	3
47.5°	51	38	24	13	9	6	5	4	3	3	3
45°	71	54	37	23	13	10	6	5	4	3	4
42.5°	92	72	53	33	22	15	8	6	5	3	4
40°	110	93	69	48	31	21	12	7	6	4	4
37.5°	129	112	89	64	42	29	18	8	7	5	4
35°	148	130	108	80	56	37	25	11	9	6	4
32.5°	167	146	124	97	69	44	32	18	11	7	5
30°	191	162	138	113	83	56	39	24	13	8	5
27.5°	215	177	152	126	97	67	46	30	16	10	6
25°	238	196	165	138	109	80	53	35	20	12	7
22.5°	262	217	177	149	122	91	63	41	25	14	8
20°	287	236	189	163	133	102	73	47	29	17	9
17.5°	314	257	209	176	144	112	82	54	32	20	10
15°	341	279	228	189	155	121	90	61	36	22	11
12.5°	365	298	245	202	165	129	98	67	38	25	13
10°	386	316	259	215	175	136	105	73	43	27	15
7.5°	404	331	272	227	184	143	110	78	48	29	18
5°	418	343	282	236	192	152	115	82	53	30	20
2.5°	430	353	289	243	199	161	119	85	58	32	22
0°	438	360	294	249	204	168	123	87	63	33	24
-2.5°	442	365	302	254	211	172	127	92	66	37	25
-5°	443	368	309	257	217	175	131	96	68	41	26
-7.5°	444	370	313	260	221	176	134	99	70	45	26
-10°	441	370	314	263	223	178	136	102	72	48	27
-12.5°	436	368	313	265	223	180	139	104	74	50	27
-15°	426	364	312	265	223	181	141	105	74	50	27
-17.5°	414	358	309	263	222	181	142	104	75	50	28
-20°	405	352	306	258	221	181	141	103	74	49	29

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REPORT NUMBER: P627106 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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°	395	345	300	254	219	179	140	101	73	49	30
-25°	382	338	293	252	216	177	137	97	72	48	30
-27.5°	371	329	286	248	212	173	132	95	70	46	30
-30°	360	320	280	243	206	168	126	92	68	46	30
-32.5°	349	311	273	236	199	163	119	88	66	45	29
-35°	337	301	264	227	193	156	115	84	64	44	28
-37.5°	324	289	253	218	186	148	112	82	62	42	28
-40°	311	277	242	210	178	141	108	81	59	40	26
-42.5°	297	264	232	203	170	135	104	78	56	38	25
-45°	283	252	222	192	161	129	99	75	52	36	24
-47.5°	270	239	209	180	153	121	94	70	48	34	24
-50°	254	224	194	168	142	113	87	65	46	33	23
-52.5°	236	205	180	156	130	103	80	59	44	31	21
-55°	217	190	168	144	119	94	72	55	41	30	20
-57.5°	202	178	155	131	107	85	66	51	39	28	19
-60°	187	163	141	117	95	76	61	47	36	26	18
-62.5°	169	147	124	102	84	68	55	43	33	24	17
-65°	148	127	106	89	74	61	50	39	30	22	16
-67.5°	125	108	91	76	64	54	44	35	26	19	14
-70°	106	90	76	65	55	46	38	30	23	17	12
-72.5°	89	76	65	55	47	39	32	25	19	15	11
-75°	73	63	53	45	38	32	26	20	16	12	9
-77.5°	58	50	42	36	31	25	20	16	13	10	8
-80°	44	38	33	28	23	19	16	13	11	9	7
-82.5°	31	27	24	20	17	15	13	11	9	8	6
-85°	20	18	16	14	12	10	9	8	6	5	4
-87.5°	10	9	8	7	6	5	4	4	3	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: P627106 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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	0	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°	0	1	2	1	0	0	0
60°	1	1	2	1	0	0	0
57.5°	1	1	2	2	0	0	0
55°	2	1	2	2	0	0	0
52.5°	2	2	2	2	1	0	0
50°	3	2	2	3	1	0	0
47.5°	3	2	2	3	1	0	0
45°	3	2	2	3	1	0	0
42.5°	4	3	2	3	1	0	0
40°	4	3	3	3	2	0	0
37.5°	4	3	3	3	2	0	0
35°	5	3	3	3	2	0	0
32.5°	5	4	3	3	2	0	0
30°	5	4	3	3	2	0	0
27.5°	5	4	3	3	2	0	0
25°	6	5	3	3	2	0	0
22.5°	6	5	3	3	3	0	0
20°	6	5	3	3	3	0	0
17.5°	6	5	3	3	3	0	0
15°	6	5	3	3	3	0	0
12.5°	7	6	3	3	3	0	0
10°	7	6	3	3	3	0	0
7.5°	8	6	3	3	3	0	0
5°	8	6	3	3	3	0	0
2.5°	9	6	3	3	3	0	0
0°	9	6	3	3	3	0	0
-2.5°	11	6	3	3	3	0	0
-5°	12	7	4	3	3	0	0
-7.5°	13	7	4	3	3	0	0
-10°	15	7	4	3	3	0	0
-12.5°	16	7	4	3	3	0	0
-15°	16	7	4	3	3	0	0
-17.5°	17	8	4	3	3	0	0
-20°	17	8	5	3	3	0	0

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REPORT NUMBER: P627106 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	17	8	5	3	3	1	0
-25°	17	8	5	3	3	1	0
-27.5°	17	9	5	3	3	1	0
-30°	17	9	4	3	3	1	0
-32.5°	16	10	5	3	3	1	0
-35°	16	10	5	3	3	1	0
-37.5°	17	10	5	3	3	1	0
-40°	17	10	5	3	2	1	0
-42.5°	16	10	5	3	2	1	0
-45°	16	10	5	3	2	1	0
-47.5°	15	10	5	3	2	1	0
-50°	15	9	6	3	2	1	0
-52.5°	15	9	6	4	3	1	0
-55°	14	9	5	4	3	1	0
-57.5°	13	9	5	4	3	1	0
-60°	13	8	5	4	3	1	0
-62.5°	12	8	5	4	2	1	0
-65°	11	7	5	4	2	1	0
-67.5°	10	7	5	4	2	1	0
-70°	9	6	5	4	2	0	0
-72.5°	8	6	5	3	2	0	0
-75°	7	6	4	3	1	0	0
-77.5°	7	5	4	2	1	0	0
-80°	6	4	3	2	1	0	0
-82.5°	5	3	2	1	1	0	0
-85°	3	2	2	1	1	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)