

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: P627116 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-750-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627116 (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-750-U-MWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13364.1 lumens
Efficiency: N/A
Efficacy: 142.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 18722.9 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 8951.2 lumens
Beam Efficiency: 67.0%

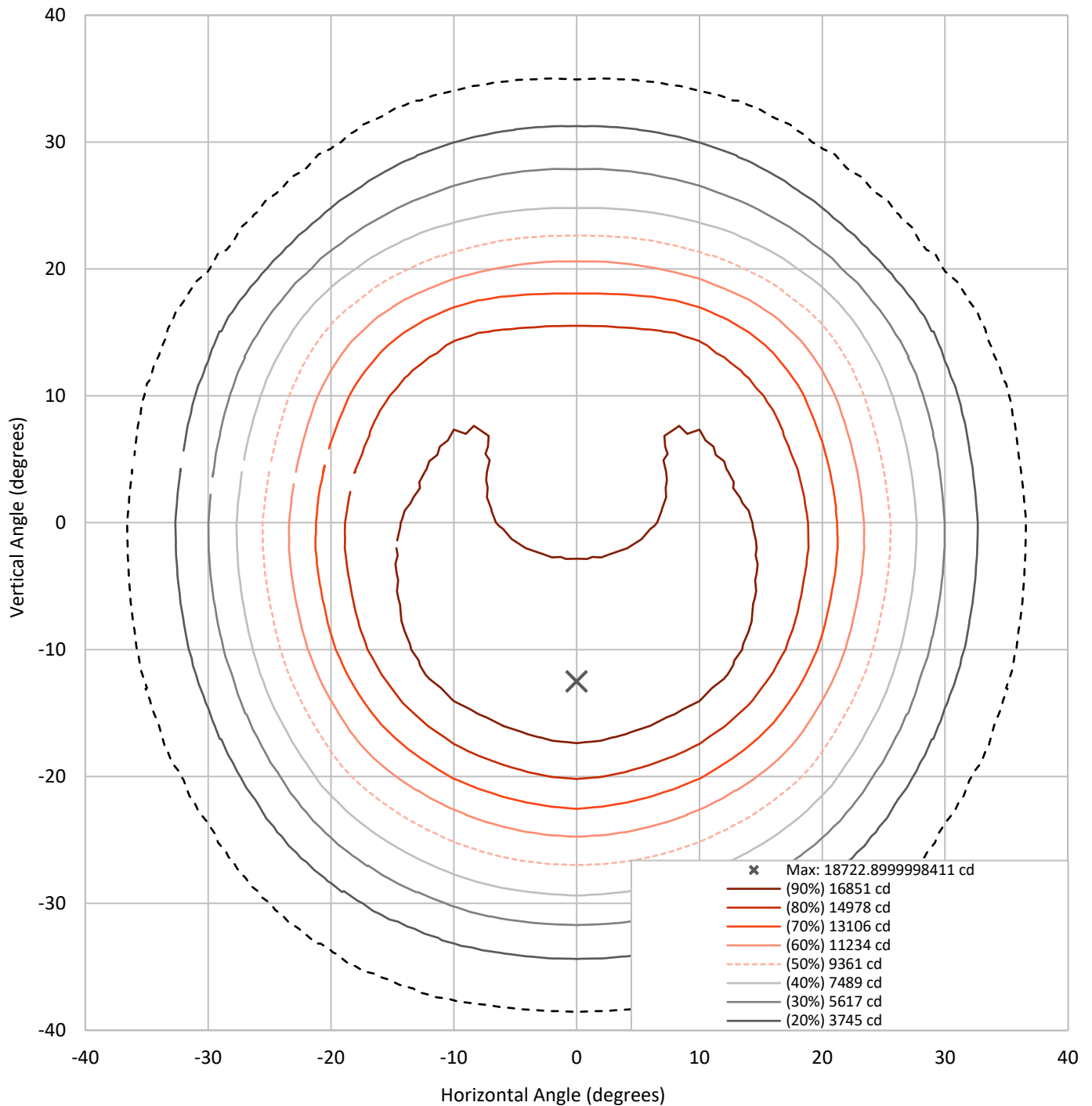
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 12045.6 lumens
Field Efficiency: 90.1%

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: P627116 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-750-U-MWR-VSR-XX

Iso-Candela Plot





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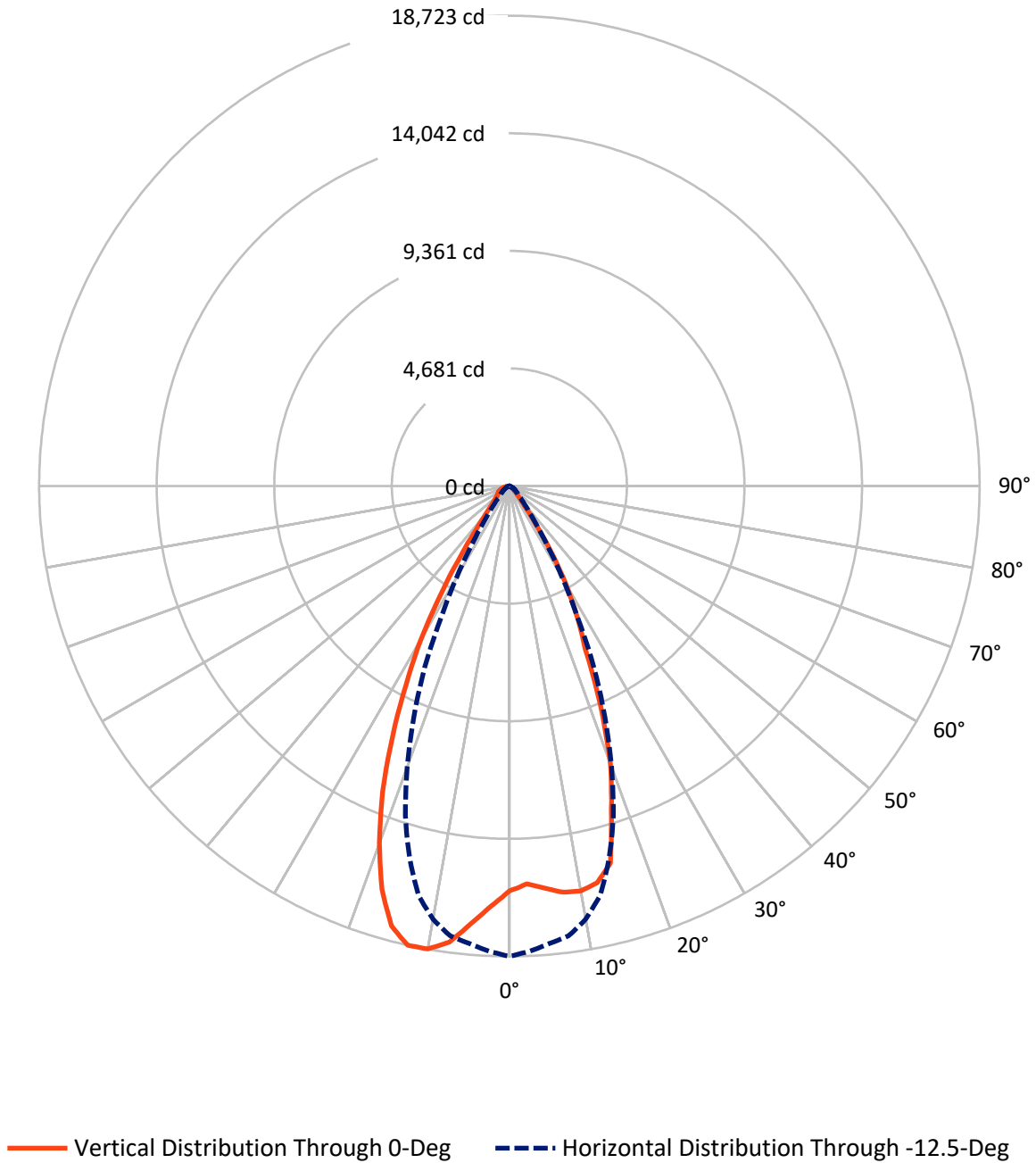
CATALOG NUMBER: GFLD-SA3B-750-U-MWR-VSR-XX

Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	3.0	3.0	2.5	1.8	1.1	0.4	0.1		0.0			
40	0.1	0.1	0.5	1.9	3.8	6.1	9.2	11.2	11.2	9.2	6.1	3.8	1.9	0.5	0.1				
30		0.2	1.5	3.9	8.0	17.3	39.4	60.2	60.2	39.4	17.3	8.0	3.9	1.5	0.2				
20	0.1	0.5	2.5	6.2	16.8	62.1	160.0	223.6	223.6	160.0	62.1	16.8	6.2	2.5	0.5				
10		0.9	3.5	9.6	39.9	172.5	359.9	445.6	445.6	359.9	172.5	39.9	9.6	3.5	0.9				
0	0.3	1.2	4.3	12.4	63.5	254.0	464.0	503.1	503.1	464.0	254.0	63.5	12.4	4.3	1.2				
-10		1.4	4.8	13.3	66.5	262.4	480.7	533.9	533.9	480.7	262.4	66.5	13.3	4.8	1.4				
-20	0.4	1.5	4.8	12.1	47.6	195.4	405.6	517.8	517.8	405.6	195.4	47.6	12.1	4.8	1.5				
-30		1.4	4.6	10.1	26.6	94.8	226.0	318.0	318.0	226.0	94.8	26.6	10.1	4.6	1.4				
-40	0.3	1.2	4.1	8.4	15.9	33.8	70.6	104.8	104.8	70.6	33.8	15.9	8.4	4.1	1.2				
-50		1.0	3.4	7.0	11.6	17.1	24.1	28.6	28.6	24.1	17.1	11.6	7.0	3.4	1.0				
-60	0.2	0.8	2.6	5.5	9.1	12.6	15.7	17.2	17.2	15.7	12.6	9.1	5.5	2.6	0.8				
-70		0.5	1.7	3.7	6.4	9.0	11.4	12.8	12.8	11.4	9.0	6.4	3.7	1.7	0.5				
-80	0.1	1.5	6.7	14.3	18.4	14.3	6.7	1.5	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

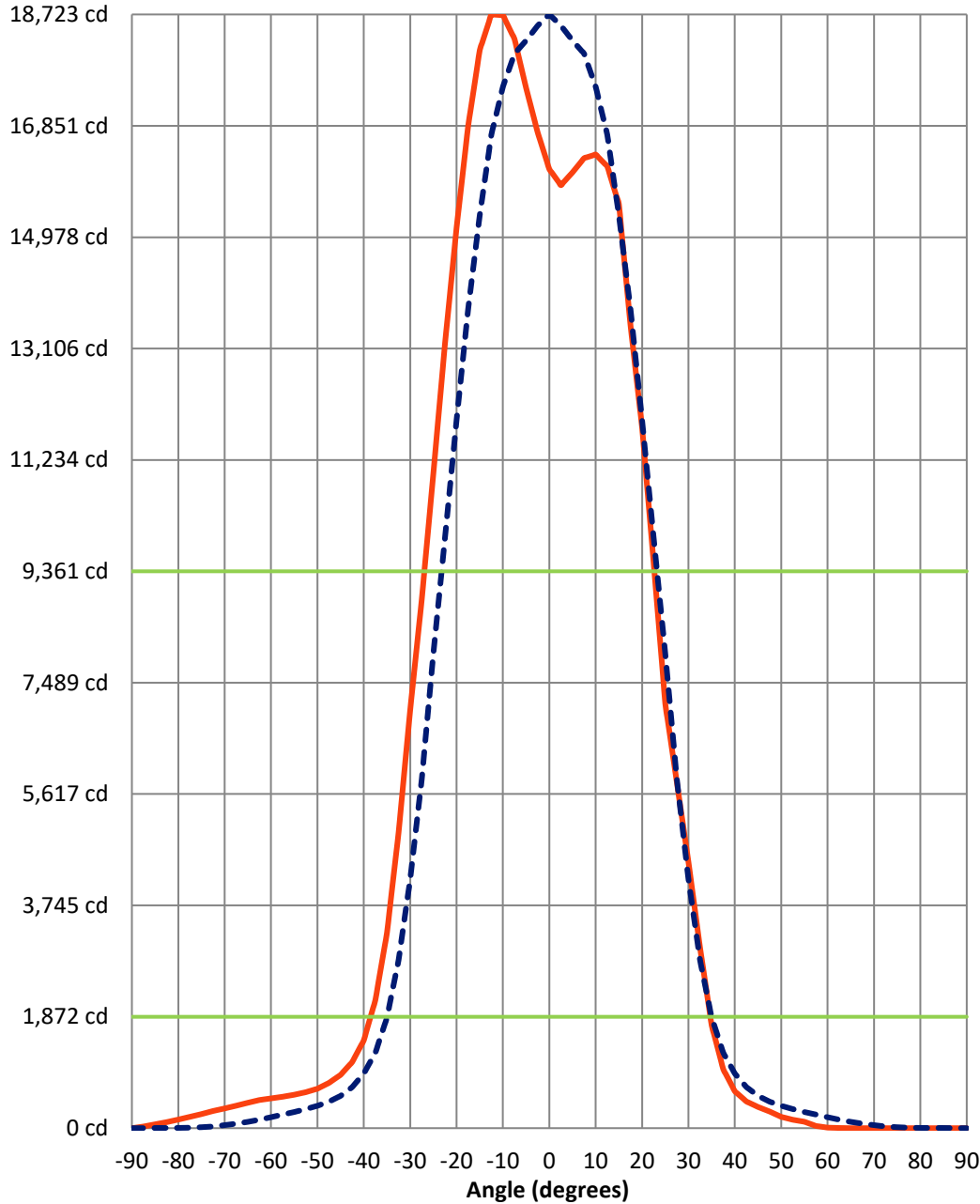
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 8951.2
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 12045.6
 Efficiency: 90.1%

Spill:
 Lumens: 1318.4
 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	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	1	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	4
47.5°	0	0	1	3	2	2	3	3	3	3	4
45°	0	0	1	3	2	3	3	4	3	4	5
42.5°	0	0	1	3	3	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	5	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	9	13	25
27.5°	0	0	2	3	3	4	5	6	10	16	30
25°	0	0	3	3	3	5	6	7	12	21	36
22.5°	0	0	3	3	3	5	6	8	15	25	42
20°	0	0	3	3	3	5	6	9	17	29	49
17.5°	0	0	3	3	3	5	6	10	20	33	55
15°	0	0	3	3	3	6	7	11	23	36	62
12.5°	0	0	3	3	3	6	7	14	25	39	69
10°	0	0	3	3	3	6	7	16	28	44	75
7.5°	0	0	3	3	3	6	8	18	30	49	80
5°	0	0	3	3	3	6	8	20	31	55	83
2.5°	0	0	3	3	3	6	9	23	33	60	87
0°	0	0	3	3	3	6	9	25	34	64	89
-2.5°	0	0	3	3	3	6	11	25	38	67	94
-5°	0	0	3	3	4	7	12	26	42	70	98
-7.5°	0	0	3	3	4	7	14	27	46	72	101
-10°	0	0	3	3	4	7	15	27	49	74	104
-12.5°	0	0	3	3	4	7	16	28	51	75	106
-15°	0	0	3	3	4	8	17	28	52	76	107
-17.5°	0	0	3	3	5	8	17	29	51	76	107
-20°	0	0	3	3	5	8	17	30	51	76	106

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REPORT NUMBER: P627116 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-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	18	31	50	75	103
-25°	0	1	3	3	5	8	18	31	49	73	99
-27.5°	0	1	3	3	5	9	17	31	48	71	97
-30°	0	1	3	3	5	9	17	31	47	69	94
-32.5°	0	1	3	3	5	10	17	30	46	67	90
-35°	0	1	3	3	5	10	17	29	45	65	86
-37.5°	0	1	3	3	5	10	17	28	43	63	84
-40°	0	1	3	3	5	10	17	27	41	60	83
-42.5°	0	1	3	3	5	10	17	26	39	57	80
-45°	0	1	3	3	5	10	16	25	37	54	76
-47.5°	0	1	3	3	6	10	16	24	35	50	72
-50°	0	1	3	4	6	10	15	23	33	48	66
-52.5°	0	1	3	4	6	9	15	22	32	45	60
-55°	0	1	3	4	6	9	14	21	30	42	57
-57.5°	0	1	3	4	6	9	14	20	28	39	53
-60°	0	1	3	4	5	8	13	19	26	37	48
-62.5°	0	1	3	4	5	8	12	17	24	34	44
-65°	0	1	2	4	5	7	11	16	22	30	40
-67.5°	0	1	2	4	5	7	10	14	20	27	36
-70°	0	0	2	4	5	7	9	13	17	23	31
-72.5°	0	0	2	3	5	6	8	11	15	20	25
-75°	0	0	2	3	5	6	8	10	12	16	21
-77.5°	0	0	1	2	4	5	7	9	11	13	16
-80°	0	0	1	2	3	5	6	8	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	1	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: P627116 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	1	1	1	0	0	0	0	0	0	0
65°	2	2	2	1	0	1	1	1	0	0	0
62.5°	3	2	2	1	2	2	2	1	0	1	1
60°	3	3	2	2	3	3	2	2	3	3	7
57.5°	3	3	3	3	3	3	4	4	11	18	20
55°	3	3	4	4	5	5	8	17	26	32	34
52.5°	4	3	5	6	7	12	21	31	39	46	54
50°	4	5	6	9	14	24	36	47	57	67	79
47.5°	5	6	9	13	25	38	53	67	79	93	110
45°	6	10	13	24	38	55	73	88	101	117	132
42.5°	8	15	22	34	54	74	94	107	122	139	159
40°	13	21	32	49	71	95	113	127	142	166	191
37.5°	19	30	43	65	91	115	132	149	171	199	228
35°	26	38	57	82	111	133	152	173	204	236	270
32.5°	33	45	71	99	127	150	171	203	235	270	317
30°	39	57	85	116	141	166	196	231	263	306	361
27.5°	47	69	99	129	155	181	220	254	291	340	406
25°	55	81	112	141	168	200	244	280	317	381	470
22.5°	64	93	125	153	181	221	268	313	362	425	535
20°	74	104	137	166	193	242	294	349	415	503	647
17.5°	84	115	148	180	214	263	321	386	469	579	790
15°	92	124	159	194	233	285	349	429	529	665	928
12.5°	100	132	169	207	250	305	373	461	579	774	1105
10°	107	139	179	220	265	323	395	487	619	853	1236
7.5°	113	147	188	232	278	338	413	509	655	914	1339
5°	118	156	197	241	288	351	428	525	685	959	1419
2.5°	122	164	203	249	295	361	440	541	714	997	1486
0°	126	172	209	255	301	368	448	553	737	1022	1538
-2.5°	130	176	216	259	309	374	452	561	744	1026	1528
-5°	134	179	222	263	316	377	453	564	743	1018	1496
-7.5°	137	180	226	266	320	378	454	562	735	1001	1445
-10°	139	182	228	269	321	378	451	555	718	968	1368
-12.5°	142	184	228	271	321	376	446	543	690	918	1269
-15°	144	185	228	271	319	372	436	525	654	852	1147
-17.5°	145	185	227	269	316	366	423	505	620	794	1059
-20°	145	185	226	264	313	360	414	489	592	739	952

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CATALOG NUMBER: GFLD-SA3B-750-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°	143	183	224	260	307	353	404	469	556	676	849
-25°	140	181	221	258	300	346	391	448	523	630	774
-27.5°	135	177	216	254	293	337	380	431	497	580	694
-30°	129	172	211	248	286	327	369	412	470	542	634
-32.5°	122	167	204	241	279	318	357	397	447	506	578
-35°	117	159	197	232	270	307	345	382	423	476	538
-37.5°	115	151	190	223	259	296	331	367	405	447	503
-40°	111	144	182	215	247	283	318	352	387	428	471
-42.5°	106	138	173	207	237	270	304	336	371	410	450
-45°	102	132	165	196	227	258	290	321	355	391	428
-47.5°	96	124	156	184	214	245	276	306	336	370	406
-50°	89	116	145	172	199	229	260	291	320	349	380
-52.5°	82	106	133	160	184	210	242	273	302	331	358
-55°	74	96	121	147	172	194	222	253	282	310	339
-57.5°	68	87	110	134	158	182	207	233	262	289	317
-60°	62	78	97	120	144	167	191	216	242	268	293
-62.5°	57	70	86	105	127	150	173	196	221	243	266
-65°	51	62	75	91	109	130	152	174	196	216	235
-67.5°	45	55	65	77	93	110	128	148	169	188	206
-70°	39	47	57	67	78	92	109	125	141	158	176
-72.5°	32	40	48	56	66	78	91	104	118	133	148
-75°	26	32	39	46	55	64	75	86	98	110	122
-77.5°	21	26	31	37	43	51	59	68	78	87	96
-80°	16	20	24	29	34	39	45	51	58	65	73
-82.5°	13	15	18	21	24	28	32	36	41	47	52
-85°	9	11	12	14	16	18	20	23	26	30	33
-87.5°	5	5	6	7	8	9	10	11	12	14	16
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627116 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	2	2	2	2	3
60°	8	6	8	10	10	7	11	12	11	9	10
57.5°	21	23	27	31	34	36	39	42	45	46	47
55°	39	47	56	59	66	76	85	86	87	89	95
52.5°	63	72	77	84	97	105	109	116	124	131	138
50°	92	99	109	120	133	141	144	156	172	184	192
47.5°	120	131	148	168	179	188	201	217	234	252	266
45°	147	166	187	206	220	236	253	273	300	325	344
42.5°	178	199	220	242	257	284	314	337	376	409	430
40°	213	234	265	291	324	357	409	457	505	561	602
37.5°	256	288	332	374	422	471	564	659	736	845	905
35°	307	357	419	482	559	677	813	996	1186	1345	1497
32.5°	366	430	515	628	757	948	1151	1488	1817	2145	2467
30°	424	517	648	803	1014	1316	1699	2220	2785	3279	3726
27.5°	502	633	803	1035	1395	1837	2544	3268	3987	4628	5089
25°	596	772	1012	1395	1916	2649	3597	4484	5328	5957	6487
22.5°	731	995	1336	1824	2769	3789	4923	6039	6986	7779	8302
20°	899	1256	1825	2711	3822	5097	6557	7731	8898	9790	10587
17.5°	1136	1705	2509	3634	4961	6662	8165	9474	10956	11868	12681
15°	1349	2081	3227	4662	6217	8020	9793	11396	12826	13828	14737
12.5°	1619	2481	3797	5485	7187	9194	11037	12753	14154	15185	15821
10°	1861	2890	4368	6133	8037	10134	12044	13831	15188	15985	16453
7.5°	2056	3230	4830	6687	8698	10808	12826	14600	15898	16565	16884
5°	2207	3483	5191	7141	9230	11389	13448	15185	16278	16829	17008
2.5°	2321	3658	5435	7441	9589	11818	13921	15632	16565	16962	17022
0°	2397	3782	5593	7628	9897	11972	14176	15914	16801	17120	17151
-2.5°	2379	3737	5586	7560	9862	12041	14217	15932	16881	17310	17380
-5°	2331	3632	5401	7367	9581	11764	13839	15650	16815	17463	17750
-7.5°	2238	3450	5084	6997	9127	11312	13428	15307	16647	17559	18120
-10°	2078	3185	4679	6530	8628	10710	12802	14752	16196	17293	18075
-12.5°	1861	2825	4185	5867	7977	9921	11902	13770	15345	16699	17507
-15°	1637	2450	3671	5211	7047	8962	10792	12625	14180	15446	16454
-17.5°	1477	2121	3077	4424	6036	7853	9638	11322	12726	13915	14972
-20°	1275	1753	2510	3643	5063	6650	8360	9859	11113	12228	13238

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627116 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-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°	1115	1502	2048	2821	4096	5497	6896	8275	9454	10447	11309
-25°	968	1240	1667	2296	3125	4334	5513	6678	7766	8690	9466
-27.5°	854	1070	1355	1802	2431	3137	4170	5144	6079	6923	7655
-30°	749	911	1134	1414	1842	2366	2987	3716	4462	5128	5793
-32.5°	674	790	943	1151	1390	1766	2141	2631	3103	3589	4066
-35°	607	700	804	943	1107	1327	1574	1873	2126	2444	2737
-37.5°	561	626	706	794	911	1033	1201	1383	1539	1717	1866
-40°	523	574	628	687	768	850	959	1061	1160	1268	1349
-42.5°	491	532	571	616	664	731	803	867	927	991	1043
-45°	466	496	528	563	599	647	699	746	786	821	850
-47.5°	438	466	494	521	552	587	621	651	684	711	731
-50°	412	439	464	488	515	542	569	593	616	637	649
-52.5°	386	414	439	460	483	506	528	549	570	588	596
-55°	366	392	417	437	456	475	494	515	534	551	557
-57.5°	344	371	395	413	430	447	466	485	503	520	525
-60°	319	347	368	385	403	422	439	456	473	487	493
-62.5°	290	315	334	351	367	382	401	419	437	451	460
-65°	255	276	295	312	327	342	360	376	392	405	414
-67.5°	224	240	256	271	286	301	318	333	348	359	367
-70°	193	209	223	237	251	264	277	290	303	313	320
-72.5°	163	177	189	202	214	226	237	248	259	268	275
-75°	135	146	157	168	178	187	196	205	213	221	227
-77.5°	106	116	125	134	143	150	157	164	170	176	182
-80°	81	88	95	102	108	114	119	124	129	134	139
-82.5°	58	63	67	72	76	80	84	88	91	95	98
-85°	37	40	42	45	47	49	52	54	56	58	60
-87.5°	18	19	20	21	22	23	25	26	27	28	29
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627116 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	3	3	3	3	3	3	3	3	2	2	2
60°	10	9	9	9	9	9	10	10	9	11	12
57.5°	46	43	40	37	40	43	46	47	46	45	42
55°	100	106	108	107	108	106	100	95	89	87	86
52.5°	143	145	145	141	145	145	143	138	131	124	116
50°	195	195	193	190	193	195	195	192	184	172	156
47.5°	274	278	280	279	280	278	274	266	252	234	217
45°	351	355	357	356	357	355	351	344	325	300	273
42.5°	441	448	450	448	450	448	441	430	409	376	337
40°	626	633	630	620	630	633	626	602	561	505	457
37.5°	948	978	991	992	991	978	948	905	845	736	659
35°	1634	1744	1794	1731	1794	1744	1634	1497	1345	1186	996
32.5°	2730	2924	3033	3033	3033	2924	2730	2467	2145	1817	1488
30°	4065	4307	4444	4473	4444	4307	4065	3726	3279	2785	2220
27.5°	5449	5700	5830	5811	5830	5700	5449	5089	4628	3987	3268
25°	6838	7028	7137	7140	7137	7028	6838	6487	5957	5328	4484
22.5°	8890	9289	9454	9498	9454	9289	8890	8302	7779	6986	6039
20°	11126	11514	11764	11779	11764	11514	11126	10587	9790	8898	7731
17.5°	13257	13450	13485	13501	13485	13450	13257	12681	11868	10956	9474
15°	15266	15333	15511	15533	15511	15333	15266	14737	13828	12826	11396
12.5°	16220	16282	16251	16169	16251	16282	16220	15821	15185	14154	12753
10°	16740	16653	16524	16368	16524	16653	16740	16453	15985	15188	13831
7.5°	16858	16761	16533	16307	16533	16761	16858	16884	16565	15898	14600
5°	16914	16630	16342	16068	16342	16630	16914	17008	16829	16278	15185
2.5°	16881	16544	16148	15853	16148	16544	16881	17022	16962	16565	15632
0°	16988	16648	16233	16123	16233	16648	16988	17151	17120	16801	15914
-2.5°	17288	17012	16796	16737	16796	17012	17288	17380	17310	16881	15932
-5°	17828	17767	17399	17486	17399	17767	17828	17750	17463	16815	15650
-7.5°	18349	18263	18107	18308	18107	18263	18349	18120	17559	16647	15307
-10°	18488	18459	18532	18711	18532	18459	18488	18075	17293	16196	14752
-12.5°	18063	18285	18535	18723	18535	18285	18063	17507	16699	15345	13770
-15°	17116	17571	17944	18121	17944	17571	17116	16454	15446	14180	12625
-17.5°	15721	16279	16721	16847	16721	16279	15721	14972	13915	12726	11322
-20°	14003	14571	14974	15134	14974	14571	14003	13238	12228	11113	9859

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REPORT NUMBER: P627116 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-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°	12071	12625	12990	13182	12990	12625	12071	11309	10447	9454	8275
-25°	10109	10597	10920	11005	10920	10597	10109	9466	8690	7766	6678
-27.5°	8234	8625	8864	8890	8864	8625	8234	7655	6923	6079	5144
-30°	6347	6710	6917	7027	6917	6710	6347	5793	5128	4462	3716
-32.5°	4457	4746	4921	4967	4921	4746	4457	4066	3589	3103	2631
-35°	2972	3151	3262	3285	3262	3151	2972	2737	2444	2126	1873
-37.5°	1987	2075	2129	2155	2129	2075	1987	1866	1717	1539	1383
-40°	1408	1449	1472	1477	1472	1449	1408	1349	1268	1160	1061
-42.5°	1077	1098	1108	1111	1108	1098	1077	1043	991	927	867
-45°	870	885	893	896	893	885	870	850	821	786	746
-47.5°	744	754	759	761	759	754	744	731	711	684	651
-50°	657	662	664	663	664	662	657	649	637	616	593
-52.5°	601	605	606	605	606	605	601	596	588	570	549
-55°	560	563	563	562	563	563	560	557	551	534	515
-57.5°	529	532	531	528	531	532	529	525	520	503	485
-60°	498	502	502	500	502	502	498	493	487	473	456
-62.5°	467	473	474	473	474	473	467	460	451	437	419
-65°	422	430	430	427	430	430	422	414	405	392	376
-67.5°	373	379	379	378	379	379	373	367	359	348	333
-70°	327	333	333	332	333	333	327	320	313	303	290
-72.5°	281	287	288	289	288	287	281	275	268	259	248
-75°	233	238	238	236	238	238	233	227	221	213	205
-77.5°	187	192	192	190	192	192	187	182	176	170	164
-80°	143	147	146	144	146	147	143	139	134	129	124
-82.5°	101	104	103	101	103	104	101	98	95	91	88
-85°	62	64	64	65	64	64	62	60	58	56	54
-87.5°	30	31	29	28	29	31	30	29	28	27	26
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627116 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	1
62.5°	2	1	1	1	1	1	1	1	1	0	1
60°	11	7	10	10	8	6	8	7	3	3	2
57.5°	39	36	34	31	27	23	21	20	18	11	4
55°	85	76	66	59	56	47	39	34	32	26	17
52.5°	109	105	97	84	77	72	63	54	46	39	31
50°	144	141	133	120	109	99	92	79	67	57	47
47.5°	201	188	179	168	148	131	120	110	93	79	67
45°	253	236	220	206	187	166	147	132	117	101	88
42.5°	314	284	257	242	220	199	178	159	139	122	107
40°	409	357	324	291	265	234	213	191	166	142	127
37.5°	564	471	422	374	332	288	256	228	199	171	149
35°	813	677	559	482	419	357	307	270	236	204	173
32.5°	1151	948	757	628	515	430	366	317	270	235	203
30°	1699	1316	1014	803	648	517	424	361	306	263	231
27.5°	2544	1837	1395	1035	803	633	502	406	340	291	254
25°	3597	2649	1916	1395	1012	772	596	470	381	317	280
22.5°	4923	3789	2769	1824	1336	995	731	535	425	362	313
20°	6557	5097	3822	2711	1825	1256	899	647	503	415	349
17.5°	8165	6662	4961	3634	2509	1705	1136	790	579	469	386
15°	9793	8020	6217	4662	3227	2081	1349	928	665	529	429
12.5°	11037	9194	7187	5485	3797	2481	1619	1105	774	579	461
10°	12044	10134	8037	6133	4368	2890	1861	1236	853	619	487
7.5°	12826	10808	8698	6687	4830	3230	2056	1339	914	655	509
5°	13448	11389	9230	7141	5191	3483	2207	1419	959	685	525
2.5°	13921	11818	9589	7441	5435	3658	2321	1486	997	714	541
0°	14176	11972	9897	7628	5593	3782	2397	1538	1022	737	553
-2.5°	14217	12041	9862	7560	5586	3737	2379	1528	1026	744	561
-5°	13839	11764	9581	7367	5401	3632	2331	1496	1018	743	564
-7.5°	13428	11312	9127	6997	5084	3450	2238	1445	1001	735	562
-10°	12802	10710	8628	6530	4679	3185	2078	1368	968	718	555
-12.5°	11902	9921	7977	5867	4185	2825	1861	1269	918	690	543
-15°	10792	8962	7047	5211	3671	2450	1637	1147	852	654	525
-17.5°	9638	7853	6036	4424	3077	2121	1477	1059	794	620	505
-20°	8360	6650	5063	3643	2510	1753	1275	952	739	592	489

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REPORT NUMBER: P627116 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-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°	6896	5497	4096	2821	2048	1502	1115	849	676	556	469
-25°	5513	4334	3125	2296	1667	1240	968	774	630	523	448
-27.5°	4170	3137	2431	1802	1355	1070	854	694	580	497	431
-30°	2987	2366	1842	1414	1134	911	749	634	542	470	412
-32.5°	2141	1766	1390	1151	943	790	674	578	506	447	397
-35°	1574	1327	1107	943	804	700	607	538	476	423	382
-37.5°	1201	1033	911	794	706	626	561	503	447	405	367
-40°	959	850	768	687	628	574	523	471	428	387	352
-42.5°	803	731	664	616	571	532	491	450	410	371	336
-45°	699	647	599	563	528	496	466	428	391	355	321
-47.5°	621	587	552	521	494	466	438	406	370	336	306
-50°	569	542	515	488	464	439	412	380	349	320	291
-52.5°	528	506	483	460	439	414	386	358	331	302	273
-55°	494	475	456	437	417	392	366	339	310	282	253
-57.5°	466	447	430	413	395	371	344	317	289	262	233
-60°	439	422	403	385	368	347	319	293	268	242	216
-62.5°	401	382	367	351	334	315	290	266	243	221	196
-65°	360	342	327	312	295	276	255	235	216	196	174
-67.5°	318	301	286	271	256	240	224	206	188	169	148
-70°	277	264	251	237	223	209	193	176	158	141	125
-72.5°	237	226	214	202	189	177	163	148	133	118	104
-75°	196	187	178	168	157	146	135	122	110	98	86
-77.5°	157	150	143	134	125	116	106	96	87	78	68
-80°	119	114	108	102	95	88	81	73	65	58	51
-82.5°	84	80	76	72	67	63	58	52	47	41	36
-85°	52	49	47	45	42	40	37	33	30	26	23
-87.5°	25	23	22	21	20	19	18	16	14	12	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627116 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-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	2	2	2	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	4	3	3	3	3	3	3
52.5°	21	12	7	6	5	3	4	3	3	3	3
50°	36	24	14	9	6	5	4	4	3	3	3
47.5°	53	38	25	13	9	6	5	4	3	3	3
45°	73	55	38	24	13	10	6	5	4	3	4
42.5°	94	74	54	34	22	15	8	6	5	3	4
40°	113	95	71	49	32	21	13	7	6	4	4
37.5°	132	115	91	65	43	30	19	8	7	5	4
35°	152	133	111	82	57	38	26	11	9	6	5
32.5°	171	150	127	99	71	45	33	18	11	7	5
30°	196	166	141	116	85	57	39	25	13	9	5
27.5°	220	181	155	129	99	69	47	30	16	10	6
25°	244	200	168	141	112	81	55	36	21	12	7
22.5°	268	221	181	153	125	93	64	42	25	15	8
20°	294	242	193	166	137	104	74	49	29	17	9
17.5°	321	263	214	180	148	115	84	55	33	20	10
15°	349	285	233	194	159	124	92	62	36	23	11
12.5°	373	305	250	207	169	132	100	69	39	25	14
10°	395	323	265	220	179	139	107	75	44	28	16
7.5°	413	338	278	232	188	147	113	80	49	30	18
5°	428	351	288	241	197	156	118	83	55	31	20
2.5°	440	361	295	249	203	164	122	87	60	33	23
0°	448	368	301	255	209	172	126	89	64	34	25
-2.5°	452	374	309	259	216	176	130	94	67	38	25
-5°	453	377	316	263	222	179	134	98	70	42	26
-7.5°	454	378	320	266	226	180	137	101	72	46	27
-10°	451	378	321	269	228	182	139	104	74	49	27
-12.5°	446	376	321	271	228	184	142	106	75	51	28
-15°	436	372	319	271	228	185	144	107	76	52	28
-17.5°	423	366	316	269	227	185	145	107	76	51	29
-20°	414	360	313	264	226	185	145	106	76	51	30

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REPORT NUMBER: P627116 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-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°	404	353	307	260	224	183	143	103	75	50	31
-25°	391	346	300	258	221	181	140	99	73	49	31
-27.5°	380	337	293	254	216	177	135	97	71	48	31
-30°	369	327	286	248	211	172	129	94	69	47	31
-32.5°	357	318	279	241	204	167	122	90	67	46	30
-35°	345	307	270	232	197	159	117	86	65	45	29
-37.5°	331	296	259	223	190	151	115	84	63	43	28
-40°	318	283	247	215	182	144	111	83	60	41	27
-42.5°	304	270	237	207	173	138	106	80	57	39	26
-45°	290	258	227	196	165	132	102	76	54	37	25
-47.5°	276	245	214	184	156	124	96	72	50	35	24
-50°	260	229	199	172	145	116	89	66	48	33	23
-52.5°	242	210	184	160	133	106	82	60	45	32	22
-55°	222	194	172	147	121	96	74	57	42	30	21
-57.5°	207	182	158	134	110	87	68	53	39	28	20
-60°	191	167	144	120	97	78	62	48	37	26	19
-62.5°	173	150	127	105	86	70	57	44	34	24	17
-65°	152	130	109	91	75	62	51	40	30	22	16
-67.5°	128	110	93	77	65	55	45	36	27	20	14
-70°	109	92	78	67	57	47	39	31	23	17	13
-72.5°	91	78	66	56	48	40	32	25	20	15	11
-75°	75	64	55	46	39	32	26	21	16	12	10
-77.5°	59	51	43	37	31	26	21	16	13	11	9
-80°	45	39	34	29	24	20	16	13	11	9	8
-82.5°	32	28	24	21	18	15	13	11	9	8	6
-85°	20	18	16	14	12	11	9	8	6	5	4
-87.5°	10	9	8	7	6	5	5	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: P627116 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-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°	1	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	3	2	3	1	0	0
42.5°	4	3	3	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	3	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°	7	6	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°	14	7	4	3	3	0	0
-10°	15	7	4	3	3	0	0
-12.5°	16	7	4	3	3	0	0
-15°	17	8	4	3	3	0	0
-17.5°	17	8	5	3	3	0	0
-20°	17	8	5	3	3	0	0

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REPORT NUMBER: P627116 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)