

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: P627094 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-735-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627094 (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-SA3B-735-U-MR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	12840.8 lumens	Max Intensity:	45274.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	137.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		

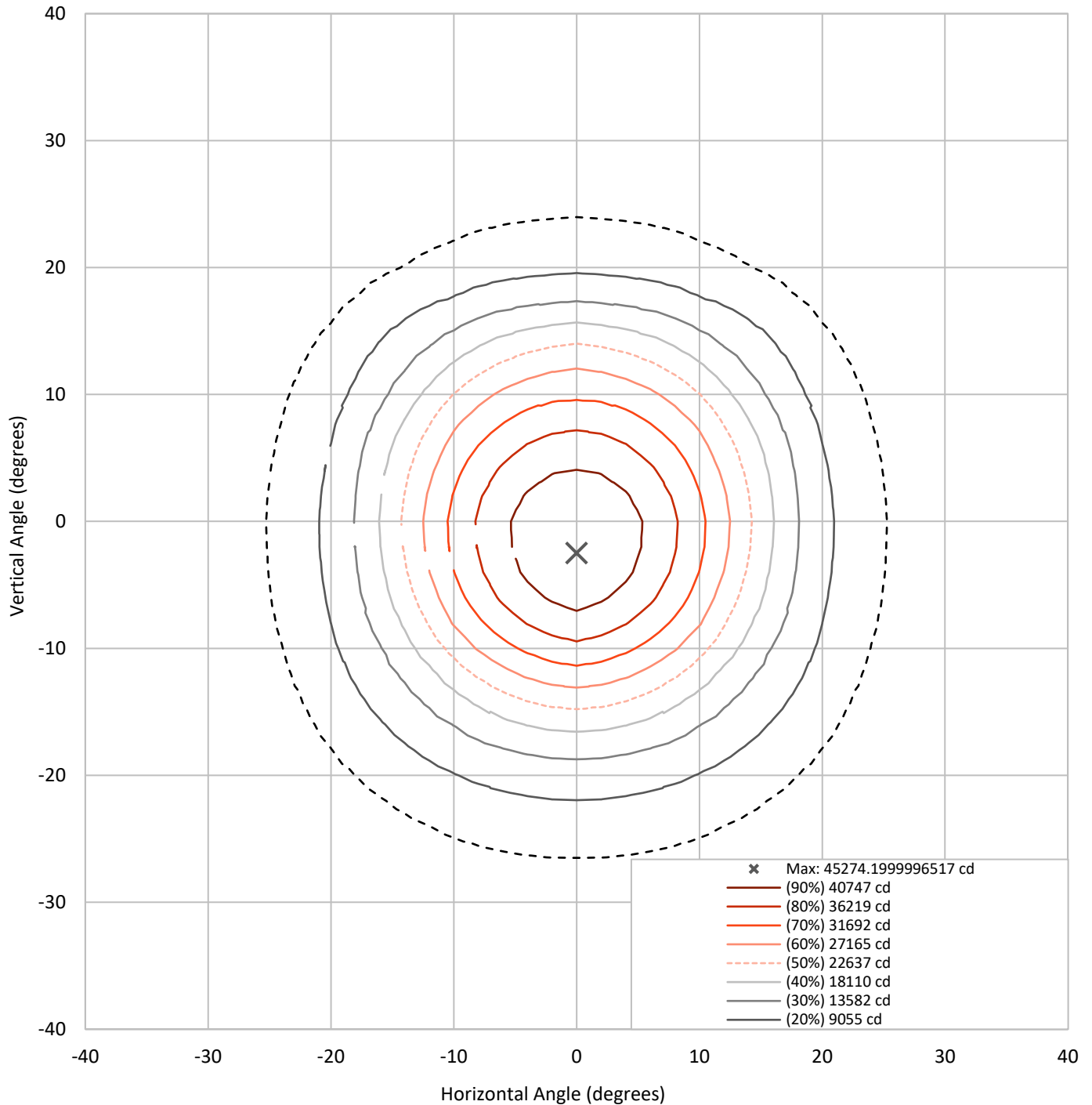
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	6420.5 lumens	Field Lumens:	11032.6 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%

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



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CATALOG NUMBER: GFLD-SA3B-735-U-MR-VSR-XX

Iso-Candela Plot





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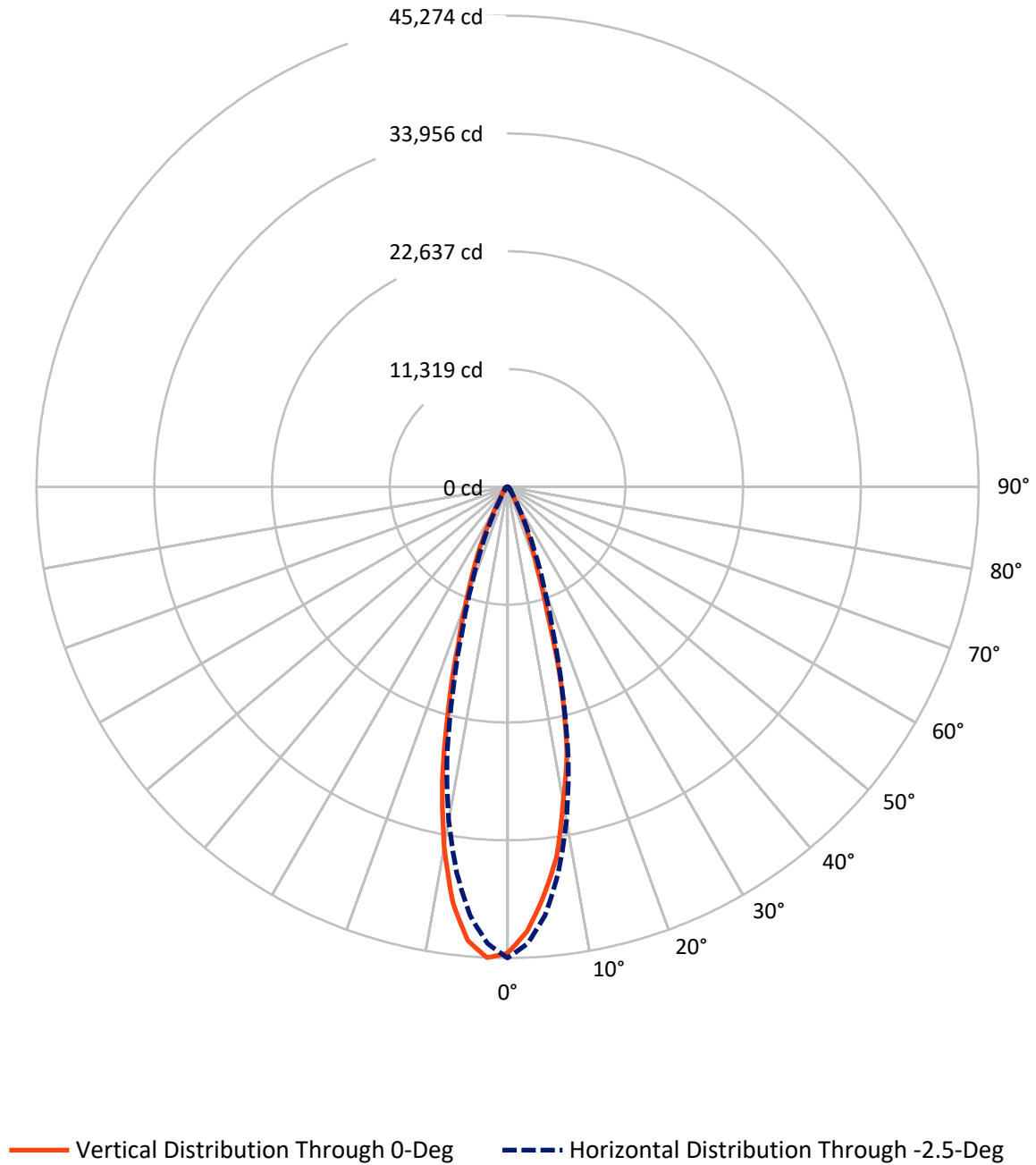
CATALOG NUMBER: GFLD-SA3B-735-U-MR-VSR-XX

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				
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	0.4	0.9	1.5	2.0	2.4	2.4	2.0	1.5	0.9	0.4	0.1	0.0				
40	0.0	0.1	0.4	1.4	2.7	4.2	5.8	6.8	6.8	5.8	4.2	2.7	1.4	0.4	0.1	0.0			
30		0.2	1.1	2.7	5.1	8.3	13.9	18.5	18.5	13.9	8.3	5.1	2.7	1.1	0.2				
20	0.1	0.4	1.7	4.2	8.0	19.4	60.9	111.8	111.8	60.9	19.4	8.0	4.2	1.7	0.4	0.1			
10		0.6	2.4	5.7	13.7	66.9	271.9	532.5	532.5	271.9	66.9	13.7	5.7	2.4	0.6				
0	0.2	0.8	2.9	6.8	19.6	127.5	549.1	1076.2	1076.2	549.1	127.5	19.6	6.8	2.9	0.8	0.2			
-10		0.9	3.2	7.2	20.9	133.5	563.4	1141.2	1141.2	563.4	133.5	20.9	7.2	3.2	0.9				
-20	0.2	1.0	3.2	7.0	17.2	82.0	311.6	603.9	603.9	311.6	82.0	17.2	7.0	3.2	1.0	0.2			
-30		1.0	3.1	6.4	12.6	31.8	96.5	172.1	172.1	96.5	31.8	12.6	6.4	3.1	1.0				
-40	0.2	0.8	2.7	5.5	9.6	15.7	25.7	34.3	34.3	25.7	15.7	9.6	5.5	2.7	0.8	0.2			
-50		0.7	2.3	4.6	7.6	10.8	14.3	16.0	16.0	14.3	10.8	7.6	4.6	2.3	0.7				
-60	0.1	0.5	1.7	3.6	5.9	8.2	10.3	11.2	11.2	10.3	8.2	5.9	3.6	1.7	0.5	0.1			
-70		0.3	1.1	2.3	3.9	5.6	7.0	7.8	7.8	7.0	5.6	3.9	2.3	1.1	0.3				
-80	0.0	0.8		3.8		8.2		10.4		8.2		3.8		0.8		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

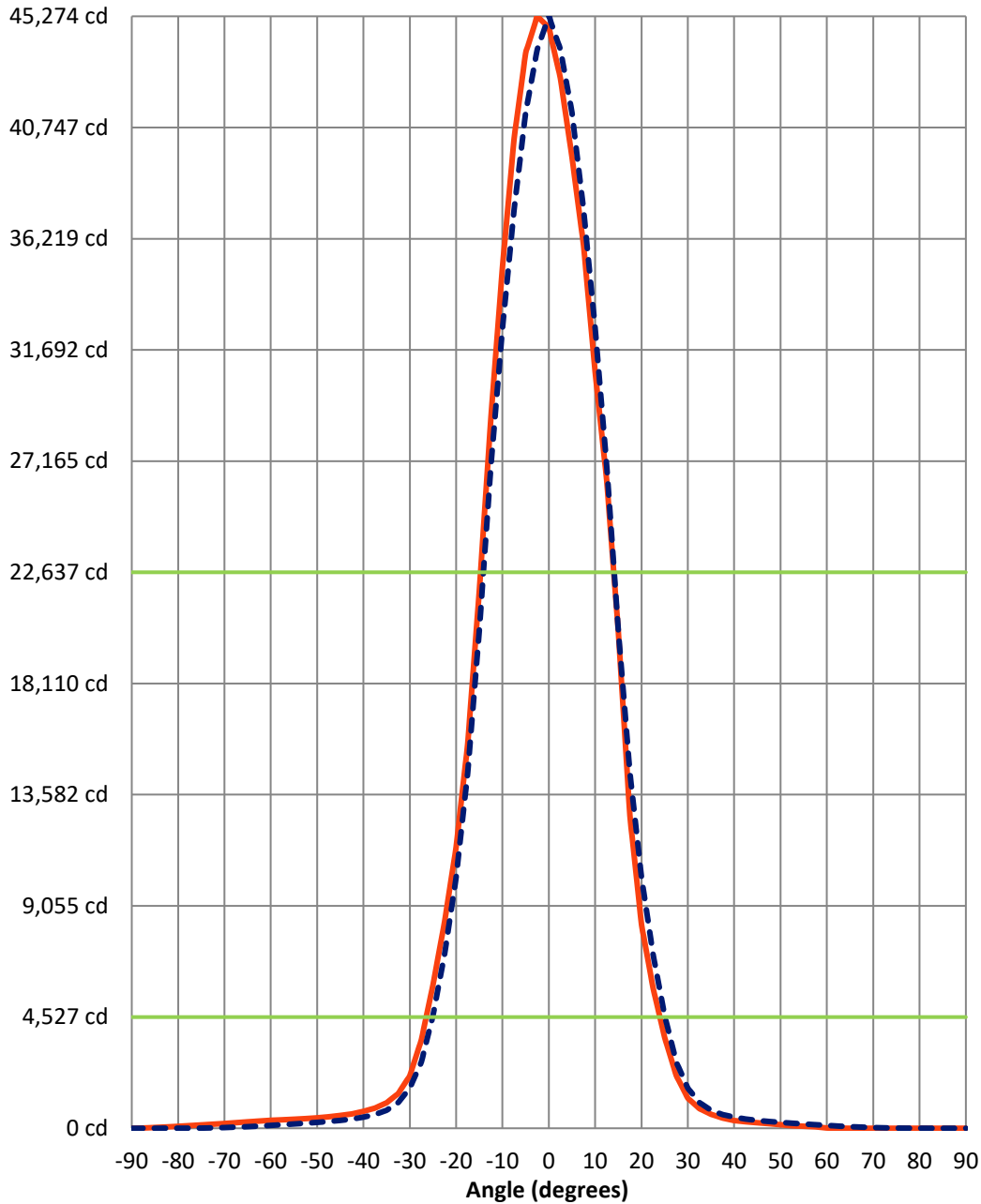
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 6420.5
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 11032.6
 Efficiency: 85.9%

Spill:
 Lumens: 1808.2
 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	0
60°	0	0	0	0	0	0	0	0	0	1	1
57.5°	0	0	0	0	0	0	0	0	1	1	1
55°	0	0	0	0	0	0	0	0	1	2	1
52.5°	0	0	0	0	0	0	1	1	2	2	1
50°	0	0	0	0	0	0	1	2	3	2	2
47.5°	0	0	0	0	0	1	1	2	3	2	2
45°	0	0	0	0	0	1	2	3	3	3	3
42.5°	0	0	0	0	0	1	2	3	3	3	5
40°	0	0	0	0	0	2	2	3	3	3	7
37.5°	0	0	0	0	0	2	3	3	4	4	9
35°	0	0	0	0	1	2	3	3	4	7	12
32.5°	0	0	0	0	1	2	3	3	5	10	16
30°	0	0	0	0	1	3	3	3	6	12	19
27.5°	0	0	0	0	2	3	3	4	8	14	23
25°	0	0	0	0	2	3	3	5	10	17	27
22.5°	0	0	0	0	2	3	3	6	12	20	32
20°	0	0	0	0	2	3	3	7	14	24	37
17.5°	0	0	0	0	2	3	3	8	16	27	41
15°	0	0	0	0	3	3	3	10	17	30	45
12.5°	0	0	0	0	3	3	4	11	19	33	49
10°	0	0	0	0	3	3	4	12	20	36	52
7.5°	0	0	0	0	3	3	4	14	22	39	55
5°	0	0	0	0	3	3	5	15	23	41	58
2.5°	0	0	0	0	3	3	5	16	25	44	61
0°	0	0	0	0	3	3	6	17	26	46	63
-2.5°	0	0	0	0	3	3	7	17	28	47	65
-5°	0	0	0	0	3	4	8	18	30	49	66
-7.5°	0	0	0	1	3	4	9	18	32	50	67
-10°	0	0	0	1	3	4	10	18	34	50	68
-12.5°	0	0	0	1	3	4	10	18	35	51	69
-15°	0	0	0	1	3	4	11	18	35	52	71
-17.5°	0	0	0	1	3	5	11	19	35	52	71
-20°	0	0	0	1	3	5	12	20	34	52	71

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REPORT NUMBER: P627094 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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	1	3	5	12	21	33	51	70
-25°	0	0	0	1	3	5	12	21	33	50	68
-27.5°	0	0	0	1	3	5	12	21	31	49	67
-30°	0	0	0	1	3	6	12	21	31	47	65
-32.5°	0	0	0	1	3	6	12	21	31	46	62
-35°	0	0	0	1	3	6	12	21	31	44	59
-37.5°	0	0	0	1	4	6	12	20	30	42	57
-40°	0	0	0	1	4	6	12	20	29	41	56
-42.5°	0	0	0	1	4	6	11	19	28	39	54
-45°	0	0	0	1	4	6	11	18	27	38	51
-47.5°	0	0	0	0	3	6	10	17	26	35	49
-50°	0	0	0	0	3	6	10	16	24	34	45
-52.5°	0	0	0	1	3	6	9	15	23	31	42
-55°	0	0	0	1	3	5	9	14	21	29	39
-57.5°	0	0	0	1	2	5	8	13	19	26	35
-60°	0	0	0	1	2	5	7	11	17	24	32
-62.5°	0	0	0	1	2	4	7	10	15	21	28
-65°	0	0	0	1	2	4	6	9	14	19	25
-67.5°	0	0	0	1	2	4	6	8	12	16	22
-70°	0	0	0	1	2	3	5	7	10	14	19
-72.5°	0	0	0	1	2	3	5	6	9	12	16
-75°	0	0	0	1	1	3	4	6	7	10	13
-77.5°	0	0	0	0	1	2	4	5	6	7	9
-80°	0	0	0	0	1	2	3	4	4	5	7
-82.5°	0	0	0	0	1	1	2	3	3	4	4
-85°	0	0	0	0	0	1	1	2	2	2	2
-87.5°	0	0	0	0	0	0	1	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627094 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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	0	1	0	1	1
60°	0	0	0	1	1	1	2	2	3	3	6
57.5°	0	1	1	2	2	3	5	5	9	13	16
55°	1	2	2	2	4	7	9	14	19	25	30
52.5°	2	3	3	4	8	12	18	25	32	38	43
50°	3	3	4	9	14	21	29	39	45	51	59
47.5°	4	4	9	15	22	32	43	51	57	68	79
45°	5	8	14	22	31	45	55	62	73	86	98
42.5°	7	13	20	28	44	57	66	77	89	103	116
40°	11	17	27	40	56	68	80	92	105	121	135
37.5°	15	24	35	51	67	81	95	108	124	140	156
35°	18	30	44	61	77	94	109	125	144	162	181
32.5°	23	37	53	70	88	106	124	144	164	184	206
30°	29	44	61	80	98	118	140	162	182	204	229
27.5°	36	51	69	89	108	129	155	178	199	224	250
25°	42	58	77	97	118	142	170	193	216	243	274
22.5°	47	64	85	104	127	155	184	210	236	262	299
20°	53	72	93	114	136	168	198	227	257	290	331
17.5°	58	79	101	124	149	180	212	245	278	319	370
15°	64	85	109	133	161	192	226	262	300	348	406
12.5°	68	91	117	142	171	204	238	275	320	377	450
10°	73	96	124	151	180	214	249	288	336	397	482
7.5°	77	101	131	158	188	222	258	298	349	414	508
5°	80	106	135	163	194	229	266	307	359	427	529
2.5°	83	110	139	168	199	234	270	313	366	440	545
0°	85	114	142	171	202	237	274	316	371	450	556
-2.5°	88	118	146	175	206	240	277	320	375	453	558
-5°	90	121	148	177	209	241	279	321	378	454	560
-7.5°	92	123	150	179	211	243	280	323	379	453	559
-10°	93	124	152	181	213	245	280	322	377	448	550
-12.5°	95	124	152	182	213	245	279	319	372	440	532
-15°	96	125	152	181	213	245	277	314	364	428	509
-17.5°	96	124	152	180	211	243	274	310	356	416	493
-20°	96	123	150	177	209	241	271	306	348	402	471

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CATALOG NUMBER: GFLD-SA3B-735-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°	95	123	148	174	205	236	267	300	339	384	446
-25°	94	121	146	172	201	230	261	292	329	373	425
-27.5°	92	119	144	169	196	224	254	284	318	358	404
-30°	88	115	140	165	191	218	246	276	307	343	385
-32.5°	84	111	136	160	186	212	237	266	296	327	365
-35°	80	106	131	154	180	205	229	254	283	313	345
-37.5°	78	101	125	148	173	197	220	243	269	299	327
-40°	75	96	119	142	164	188	211	232	255	284	311
-42.5°	71	92	113	135	156	178	201	222	244	270	296
-45°	68	87	107	128	149	169	190	212	233	256	281
-47.5°	65	83	102	121	141	161	180	200	223	244	266
-50°	60	78	95	113	132	152	171	189	209	231	252
-52.5°	56	72	88	104	122	141	161	179	197	215	235
-55°	50	65	81	96	112	129	148	167	185	202	219
-57.5°	45	58	73	88	102	117	135	153	170	187	204
-60°	41	51	64	78	93	107	122	138	155	171	187
-62.5°	36	45	56	68	82	96	109	124	139	153	167
-65°	32	39	48	59	70	82	96	109	123	134	145
-67.5°	27	34	41	50	60	70	80	92	105	115	125
-70°	23	28	34	41	49	58	67	76	86	95	105
-72.5°	20	24	28	33	40	47	55	62	70	78	86
-75°	16	19	23	27	32	38	44	51	57	64	70
-77.5°	12	15	18	21	25	29	34	40	45	50	55
-80°	9	11	14	17	19	22	25	29	32	36	41
-82.5°	6	8	10	12	13	15	17	19	22	24	27
-85°	3	4	6	7	8	9	9	10	12	14	16
-87.5°	2	2	3	3	3	4	4	4	5	5	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627094 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-735-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	1	1	1	0	0	0
62.5°	1	1	2	3	3	3	4	4	4	4	4
60°	7	7	11	13	13	10	14	16	15	13	13
57.5°	20	25	29	30	34	40	42	41	41	43	48
55°	35	39	42	47	53	59	63	66	69	73	77
52.5°	48	54	59	65	73	77	79	87	94	99	103
50°	68	75	82	90	97	104	110	118	127	137	143
47.5°	89	98	108	119	127	134	141	152	165	176	184
45°	109	119	131	142	151	161	172	185	198	210	219
42.5°	126	138	151	163	172	186	201	215	231	246	257
40°	147	158	177	190	201	216	239	259	278	296	308
37.5°	172	190	210	226	242	260	292	322	347	371	388
35°	201	223	248	266	289	324	363	405	447	481	512
32.5°	229	254	279	307	342	391	440	508	571	635	696
30°	254	282	313	349	405	474	553	657	770	882	1011
27.5°	280	311	348	405	490	584	731	895	1128	1316	1618
25°	309	344	394	485	602	768	1024	1316	1799	2211	2676
22.5°	344	397	469	582	778	1076	1475	2111	2853	3541	4198
20°	387	459	581	762	1043	1501	2258	3223	4254	5261	6235
17.5°	443	559	732	991	1388	2351	3478	4857	6622	7948	9205
15°	495	641	904	1322	2070	3310	4884	6995	9371	11369	13629
12.5°	556	733	1049	1591	2661	4300	6306	8824	11636	14669	18209
10°	610	827	1234	1980	3277	5184	7433	10389	14001	18292	22767
7.5°	651	905	1388	2271	3796	5910	8592	12187	16762	21778	26880
5°	683	966	1509	2499	4238	6499	9439	13610	18825	24582	29656
2.5°	708	1009	1589	2640	4536	6902	10017	14367	20087	26413	31740
0°	727	1035	1633	2739	4675	7092	10285	14672	20679	27309	32788
-2.5°	734	1048	1636	2705	4591	7081	10223	14485	20271	26953	32566
-5°	736	1041	1594	2633	4441	6827	9813	13773	19024	25293	30981
-7.5°	731	1014	1511	2457	4105	6379	9242	12718	17022	22548	28427
-10°	711	965	1397	2217	3643	5679	8352	11289	14727	19239	24003
-12.5°	675	892	1241	1859	3099	4887	7254	9850	12530	15495	19413
-15°	633	818	1114	1641	2594	4055	5972	8165	10389	12659	15050
-17.5°	601	753	983	1351	1992	3173	4706	6468	8272	10075	11685
-20°	559	676	855	1142	1607	2306	3459	4830	6178	7648	8882

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627094 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	523	622	756	937	1250	1741	2399	3364	4388	5456	6469
-25°	488	563	670	814	1001	1294	1728	2233	2952	3609	4361
-27.5°	459	522	594	701	843	1003	1270	1564	1941	2254	2756
-30°	431	481	541	610	713	835	978	1157	1341	1526	1767
-32.5°	404	446	493	549	613	705	794	908	1009	1120	1235
-35°	379	416	455	499	548	608	675	751	818	885	945
-37.5°	357	388	421	456	496	538	590	644	689	732	770
-40°	338	364	392	421	452	486	527	566	597	625	649
-42.5°	321	344	365	390	416	448	479	509	530	550	565
-45°	304	324	344	364	386	413	440	464	480	495	506
-47.5°	287	305	323	342	362	384	406	423	438	450	459
-50°	270	288	304	319	338	357	376	391	404	415	421
-52.5°	253	270	287	303	318	333	348	362	375	386	390
-55°	237	254	269	283	298	312	326	338	350	361	364
-57.5°	221	238	254	266	278	291	304	316	327	337	341
-60°	203	220	234	246	258	270	281	292	303	313	317
-62.5°	182	197	210	221	232	243	253	263	273	281	285
-65°	156	170	182	193	203	212	222	231	239	245	249
-67.5°	134	144	155	165	175	184	192	200	208	213	216
-70°	113	122	131	140	149	158	165	172	179	183	187
-72.5°	94	102	110	118	126	133	140	146	152	156	159
-75°	76	83	90	97	104	110	115	120	125	128	131
-77.5°	61	66	71	76	81	86	90	94	98	101	103
-80°	45	49	53	57	61	64	67	70	73	76	78
-82.5°	30	33	37	40	43	45	46	48	49	51	53
-85°	18	19	21	23	25	26	28	29	30	31	32
-87.5°	7	8	9	9	10	11	11	11	11	12	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627094 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-735-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°	3	3	3	3	3	3	3	4	4	4	4
60°	12	11	11	11	11	11	12	13	13	15	16
57.5°	53	57	59	60	59	57	53	48	43	41	41
55°	81	84	84	83	84	84	81	77	73	69	66
52.5°	104	105	104	103	104	105	104	103	99	94	87
50°	145	145	145	145	145	145	145	143	137	127	118
47.5°	187	188	189	188	189	188	187	184	176	165	152
45°	223	225	226	225	226	225	223	219	210	198	185
42.5°	262	264	264	265	264	264	262	257	246	231	215
40°	313	315	314	314	314	315	313	308	296	278	259
37.5°	400	406	409	416	409	406	400	388	371	347	322
35°	535	550	558	570	558	550	535	512	481	447	405
32.5°	740	769	785	801	785	769	740	696	635	571	508
30°	1099	1158	1182	1226	1182	1158	1099	1011	882	770	657
27.5°	1840	1980	2035	2149	2035	1980	1840	1618	1316	1128	895
25°	3100	3400	3566	3697	3566	3400	3100	2676	2211	1799	1316
22.5°	4860	5301	5536	5710	5536	5301	4860	4198	3541	2853	2111
20°	7118	7700	8047	8298	8047	7700	7118	6235	5261	4254	3223
17.5°	10818	11732	12266	12725	12266	11732	10818	9205	7948	6622	4857
15°	16151	17987	19414	20208	19414	17987	16151	13629	11369	9371	6995
12.5°	21339	24028	25625	26360	25625	24028	21339	18209	14669	11636	8824
10°	26469	29004	30524	30793	30524	29004	26469	22767	18292	14001	10389
7.5°	30396	33185	35205	35938	35205	33185	30396	26880	21778	16762	12187
5°	33865	37130	39268	39539	39268	37130	33865	29656	24582	18825	13610
2.5°	36417	39966	42039	42751	42039	39966	36417	31740	26413	20087	14367
0°	37651	41474	43780	44818	43780	41474	37651	32788	27309	20679	14672
-2.5°	37392	41346	43920	45274	43920	41346	37392	32566	26953	20271	14485
-5°	35970	39935	42336	43775	42336	39935	35970	30981	25293	19024	13773
-7.5°	32692	36400	38955	40283	38955	36400	32692	28427	22548	17022	12718
-10°	28467	31605	33934	35066	33934	31605	28467	24003	19239	14727	11289
-12.5°	22977	26021	28122	28923	28122	26021	22977	19413	15495	12530	9850
-15°	17605	19928	21421	21893	21421	19928	17605	15050	12659	10389	8165
-17.5°	13351	14601	15441	15667	15441	14601	13351	11685	10075	8272	6468
-20°	10002	10777	11322	11451	11322	10777	10002	8882	7648	6178	4830

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REPORT NUMBER: P627094 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	7288	7870	8310	8398	8310	7870	7288	6469	5456	4388	3364
-25°	5027	5514	5813	5835	5813	5514	5027	4361	3609	2952	2233
-27.5°	3152	3419	3557	3606	3557	3419	3152	2756	2254	1941	1564
-30°	1948	2071	2136	2138	2136	2071	1948	1767	1526	1341	1157
-32.5°	1322	1382	1414	1414	1414	1382	1322	1235	1120	1009	908
-35°	990	1021	1039	1041	1039	1021	990	945	885	818	751
-37.5°	796	813	822	824	822	813	796	770	732	689	644
-40°	666	678	685	690	685	678	666	649	625	597	566
-42.5°	576	584	587	584	587	584	576	565	550	530	509
-45°	513	518	521	522	521	518	513	506	495	480	464
-47.5°	463	465	467	468	467	465	463	459	450	438	423
-50°	424	426	426	425	426	426	424	421	415	404	391
-52.5°	392	392	393	393	393	392	392	390	386	375	362
-55°	366	367	367	368	367	367	366	364	361	350	338
-57.5°	344	346	346	345	346	346	344	341	337	327	316
-60°	320	323	325	325	325	323	320	317	313	303	292
-62.5°	289	292	293	294	293	292	289	285	281	273	263
-65°	253	255	259	262	259	255	253	249	245	239	231
-67.5°	219	221	225	228	225	221	219	216	213	208	200
-70°	190	193	194	194	194	193	190	187	183	179	172
-72.5°	162	164	165	165	165	164	162	159	156	152	146
-75°	134	136	137	137	137	136	134	131	128	125	120
-77.5°	106	108	108	108	108	108	106	103	101	98	94
-80°	80	82	81	80	81	82	80	78	76	73	70
-82.5°	55	57	56	54	56	57	55	53	51	49	48
-85°	33	34	33	31	33	34	33	32	31	30	29
-87.5°	13	14	13	11	13	14	13	13	12	11	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627094 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-735-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°	4	3	3	3	2	1	1	1	1	0	1
60°	14	10	13	13	11	7	7	6	3	3	2
57.5°	42	40	34	30	29	25	20	16	13	9	5
55°	63	59	53	47	42	39	35	30	25	19	14
52.5°	79	77	73	65	59	54	48	43	38	32	25
50°	110	104	97	90	82	75	68	59	51	45	39
47.5°	141	134	127	119	108	98	89	79	68	57	51
45°	172	161	151	142	131	119	109	98	86	73	62
42.5°	201	186	172	163	151	138	126	116	103	89	77
40°	239	216	201	190	177	158	147	135	121	105	92
37.5°	292	260	242	226	210	190	172	156	140	124	108
35°	363	324	289	266	248	223	201	181	162	144	125
32.5°	440	391	342	307	279	254	229	206	184	164	144
30°	553	474	405	349	313	282	254	229	204	182	162
27.5°	731	584	490	405	348	311	280	250	224	199	178
25°	1024	768	602	485	394	344	309	274	243	216	193
22.5°	1475	1076	778	582	469	397	344	299	262	236	210
20°	2258	1501	1043	762	581	459	387	331	290	257	227
17.5°	3478	2351	1388	991	732	559	443	370	319	278	245
15°	4884	3310	2070	1322	904	641	495	406	348	300	262
12.5°	6306	4300	2661	1591	1049	733	556	450	377	320	275
10°	7433	5184	3277	1980	1234	827	610	482	397	336	288
7.5°	8592	5910	3796	2271	1388	905	651	508	414	349	298
5°	9439	6499	4238	2499	1509	966	683	529	427	359	307
2.5°	10017	6902	4536	2640	1589	1009	708	545	440	366	313
0°	10285	7092	4675	2739	1633	1035	727	556	450	371	316
-2.5°	10223	7081	4591	2705	1636	1048	734	558	453	375	320
-5°	9813	6827	4441	2633	1594	1041	736	560	454	378	321
-7.5°	9242	6379	4105	2457	1511	1014	731	559	453	379	323
-10°	8352	5679	3643	2217	1397	965	711	550	448	377	322
-12.5°	7254	4887	3099	1859	1241	892	675	532	440	372	319
-15°	5972	4055	2594	1641	1114	818	633	509	428	364	314
-17.5°	4706	3173	1992	1351	983	753	601	493	416	356	310
-20°	3459	2306	1607	1142	855	676	559	471	402	348	306

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REPORT NUMBER: P627094 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-735-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°	2399	1741	1250	937	756	622	523	446	384	339	300
-25°	1728	1294	1001	814	670	563	488	425	373	329	292
-27.5°	1270	1003	843	701	594	522	459	404	358	318	284
-30°	978	835	713	610	541	481	431	385	343	307	276
-32.5°	794	705	613	549	493	446	404	365	327	296	266
-35°	675	608	548	499	455	416	379	345	313	283	254
-37.5°	590	538	496	456	421	388	357	327	299	269	243
-40°	527	486	452	421	392	364	338	311	284	255	232
-42.5°	479	448	416	390	365	344	321	296	270	244	222
-45°	440	413	386	364	344	324	304	281	256	233	212
-47.5°	406	384	362	342	323	305	287	266	244	223	200
-50°	376	357	338	319	304	288	270	252	231	209	189
-52.5°	348	333	318	303	287	270	253	235	215	197	179
-55°	326	312	298	283	269	254	237	219	202	185	167
-57.5°	304	291	278	266	254	238	221	204	187	170	153
-60°	281	270	258	246	234	220	203	187	171	155	138
-62.5°	253	243	232	221	210	197	182	167	153	139	124
-65°	222	212	203	193	182	170	156	145	134	123	109
-67.5°	192	184	175	165	155	144	134	125	115	105	92
-70°	165	158	149	140	131	122	113	105	95	86	76
-72.5°	140	133	126	118	110	102	94	86	78	70	62
-75°	115	110	104	97	90	83	76	70	64	57	51
-77.5°	90	86	81	76	71	66	61	55	50	45	40
-80°	67	64	61	57	53	49	45	41	36	32	29
-82.5°	46	45	43	40	37	33	30	27	24	22	19
-85°	28	26	25	23	21	19	18	16	14	12	10
-87.5°	11	11	10	9	9	8	7	6	5	5	4
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627094 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	0	0	0	0	0	0	0	0	0	0	0
60°	2	1	1	1	0	0	0	1	1	0	0
57.5°	5	3	2	2	1	1	0	1	1	1	0
55°	9	7	4	2	2	2	1	1	2	1	0
52.5°	18	12	8	4	3	3	2	1	2	2	1
50°	29	21	14	9	4	3	3	2	2	3	2
47.5°	43	32	22	15	9	4	4	2	2	3	2
45°	55	45	31	22	14	8	5	3	3	3	3
42.5°	66	57	44	28	20	13	7	5	3	3	3
40°	80	68	56	40	27	17	11	7	3	3	3
37.5°	95	81	67	51	35	24	15	9	4	4	3
35°	109	94	77	61	44	30	18	12	7	4	3
32.5°	124	106	88	70	53	37	23	16	10	5	3
30°	140	118	98	80	61	44	29	19	12	6	3
27.5°	155	129	108	89	69	51	36	23	14	8	4
25°	170	142	118	97	77	58	42	27	17	10	5
22.5°	184	155	127	104	85	64	47	32	20	12	6
20°	198	168	136	114	93	72	53	37	24	14	7
17.5°	212	180	149	124	101	79	58	41	27	16	8
15°	226	192	161	133	109	85	64	45	30	17	10
12.5°	238	204	171	142	117	91	68	49	33	19	11
10°	249	214	180	151	124	96	73	52	36	20	12
7.5°	258	222	188	158	131	101	77	55	39	22	14
5°	266	229	194	163	135	106	80	58	41	23	15
2.5°	270	234	199	168	139	110	83	61	44	25	16
0°	274	237	202	171	142	114	85	63	46	26	17
-2.5°	277	240	206	175	146	118	88	65	47	28	17
-5°	279	241	209	177	148	121	90	66	49	30	18
-7.5°	280	243	211	179	150	123	92	67	50	32	18
-10°	280	245	213	181	152	124	93	68	50	34	18
-12.5°	279	245	213	182	152	124	95	69	51	35	18
-15°	277	245	213	181	152	125	96	71	52	35	18
-17.5°	274	243	211	180	152	124	96	71	52	35	19
-20°	271	241	209	177	150	123	96	71	52	34	20

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REPORT NUMBER: P627094 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	267	236	205	174	148	123	95	70	51	33	21
-25°	261	230	201	172	146	121	94	68	50	33	21
-27.5°	254	224	196	169	144	119	92	67	49	31	21
-30°	246	218	191	165	140	115	88	65	47	31	21
-32.5°	237	212	186	160	136	111	84	62	46	31	21
-35°	229	205	180	154	131	106	80	59	44	31	21
-37.5°	220	197	173	148	125	101	78	57	42	30	20
-40°	211	188	164	142	119	96	75	56	41	29	20
-42.5°	201	178	156	135	113	92	71	54	39	28	19
-45°	190	169	149	128	107	87	68	51	38	27	18
-47.5°	180	161	141	121	102	83	65	49	35	26	17
-50°	171	152	132	113	95	78	60	45	34	24	16
-52.5°	161	141	122	104	88	72	56	42	31	23	15
-55°	148	129	112	96	81	65	50	39	29	21	14
-57.5°	135	117	102	88	73	58	45	35	26	19	13
-60°	122	107	93	78	64	51	41	32	24	17	11
-62.5°	109	96	82	68	56	45	36	28	21	15	10
-65°	96	82	70	59	48	39	32	25	19	14	9
-67.5°	80	70	60	50	41	34	27	22	16	12	8
-70°	67	58	49	41	34	28	23	19	14	10	7
-72.5°	55	47	40	33	28	24	20	16	12	9	6
-75°	44	38	32	27	23	19	16	13	10	7	6
-77.5°	34	29	25	21	18	15	12	9	7	6	5
-80°	25	22	19	17	14	11	9	7	5	4	4
-82.5°	17	15	13	12	10	8	6	4	4	3	3
-85°	9	9	8	7	6	4	3	2	2	2	2
-87.5°	4	4	3	3	3	2	2	1	1	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: P627094 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	1	1	0	0	0	0	0
45°	2	1	0	0	0	0	0
42.5°	2	1	0	0	0	0	0
40°	2	2	0	0	0	0	0
37.5°	3	2	0	0	0	0	0
35°	3	2	1	0	0	0	0
32.5°	3	2	1	0	0	0	0
30°	3	3	1	0	0	0	0
27.5°	3	3	2	0	0	0	0
25°	3	3	2	0	0	0	0
22.5°	3	3	2	0	0	0	0
20°	3	3	2	0	0	0	0
17.5°	3	3	2	0	0	0	0
15°	3	3	3	0	0	0	0
12.5°	4	3	3	0	0	0	0
10°	4	3	3	0	0	0	0
7.5°	4	3	3	0	0	0	0
5°	5	3	3	0	0	0	0
2.5°	5	3	3	0	0	0	0
0°	6	3	3	0	0	0	0
-2.5°	7	3	3	0	0	0	0
-5°	8	4	3	0	0	0	0
-7.5°	9	4	3	1	0	0	0
-10°	10	4	3	1	0	0	0
-12.5°	10	4	3	1	0	0	0
-15°	11	4	3	1	0	0	0
-17.5°	11	5	3	1	0	0	0
-20°	12	5	3	1	0	0	0

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Scaled Data Report



REPORT NUMBER: P627094 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)