

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: P627264 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627264 (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-SA3E-730-U-MR-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (48) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 20519.5 lumens  
Efficiency: N/A  
Efficacy: 110.8 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 72348.1 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 10260 lumens  
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 17630.1 lumens  
Field Efficiency: 85.9%

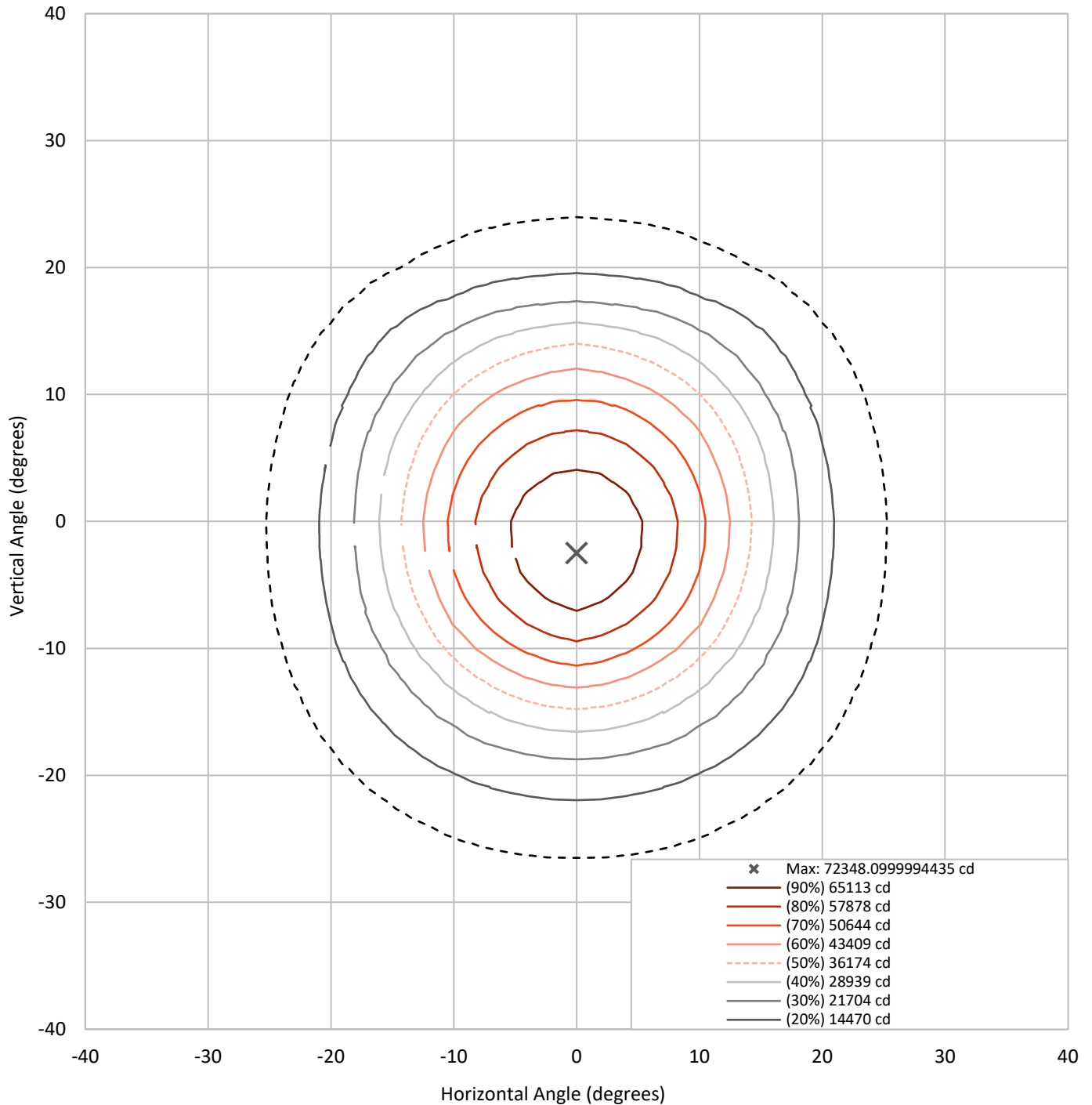
Input Watts (W): 185.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA3E-730-U-MR-VSR-XX

### Iso-Candela Plot





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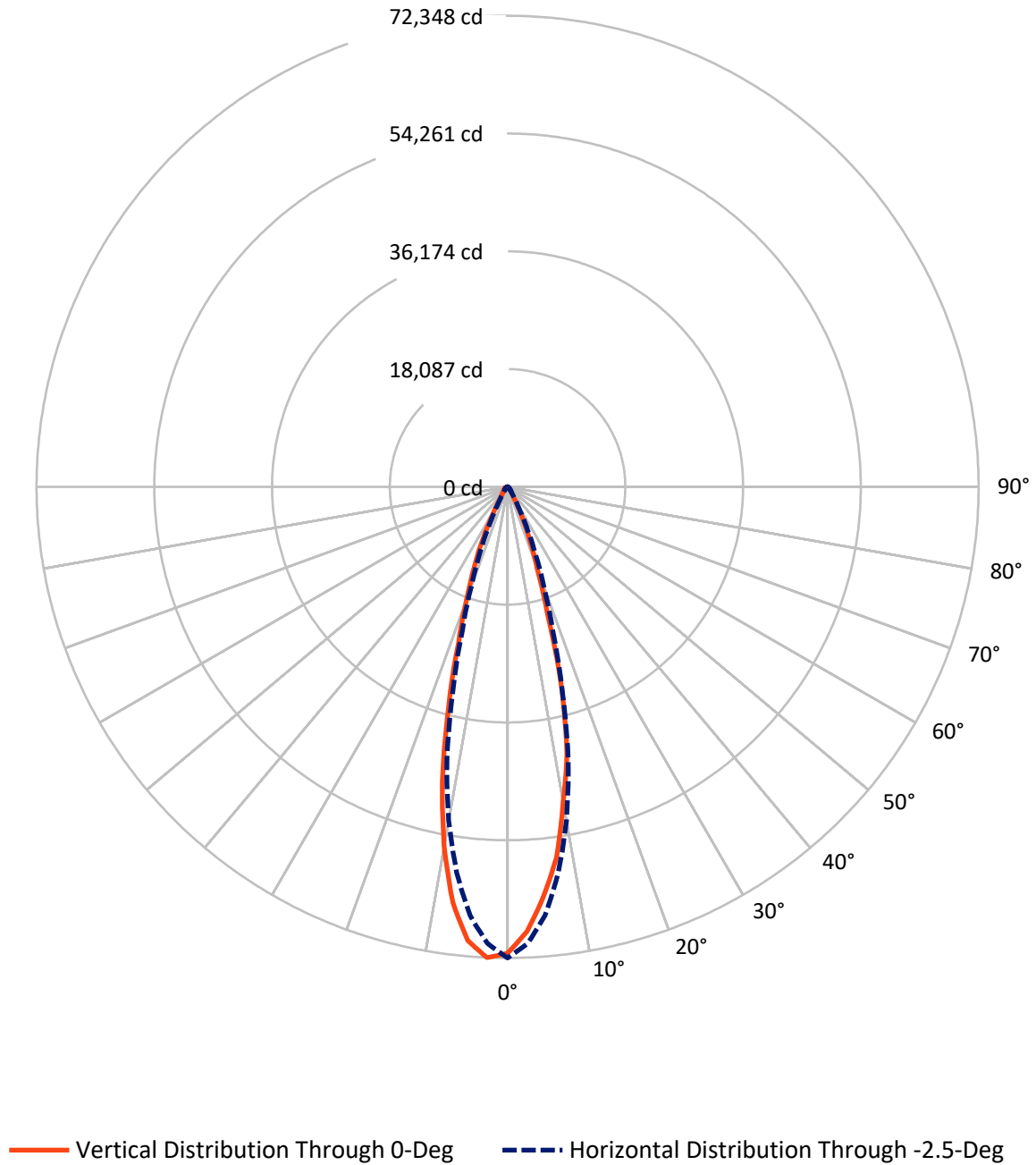
CATALOG NUMBER: GFLD-SA3E-730-U-MR-VSR-XX

### Lumen Table

90																								
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.6	1.4	2.3	3.2	3.9	3.9	3.2	2.3	1.4	0.6	0.1	0.0									
40	0.1	0.1	0.7	2.2	4.3	6.6	9.3	10.9	10.9	9.3	6.6	4.3	2.2	0.7	0.1	0.1								
30		0.3	1.7	4.4	8.1	13.3	22.1	29.5	29.5	22.1	13.3	8.1	4.4	1.7	0.3									
20	0.2	0.6	2.8	6.7	12.7	31.0	97.4	178.6	178.6	97.4	31.0	12.7	6.7	2.8	0.6	0.2								
10		1.0	3.8	9.1	21.8	106.9	434.5	850.9	850.9	434.5	106.9	21.8	9.1	3.8	1.0									
0	0.3	1.3	4.6	10.9	31.3	203.7	877.4	1719.8	1719.8	877.4	203.7	31.3	10.9	4.6	1.3	0.3								
-10		1.5	5.0	11.5	33.5	213.4	900.3	1823.6	1823.6	900.3	213.4	33.5	11.5	5.0	1.5									
-20	0.4	1.6	5.1	11.2	27.5	131.0	497.9	965.1	965.1	497.9	131.0	27.5	11.2	5.1	1.6	0.4								
-30		1.5	4.9	10.2	20.2	50.9	154.2	275.1	275.1	154.2	50.9	20.2	10.2	4.9	1.5									
-40	0.4	1.3	4.4	8.8	15.3	25.1	41.0	54.8	54.8	41.0	25.1	15.3	8.8	4.4	1.3	0.4								
-50		1.1	3.6	7.3	12.1	17.3	22.8	25.6	25.6	22.8	17.3	12.1	7.3	3.6	1.1									
-60	0.2	0.9	2.7	5.7	9.4	13.1	16.4	17.9	17.9	16.4	13.1	9.4	5.7	2.7	0.9	0.2								
-70		0.5	1.7	3.7	6.3	9.0	11.2	12.4	12.4	11.2	9.0	6.3	3.7	1.7	0.5									
-80	0.1	1.3	6.1	13.1	16.5	13.1	6.1	1.3	0.1															
-90																								
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90					

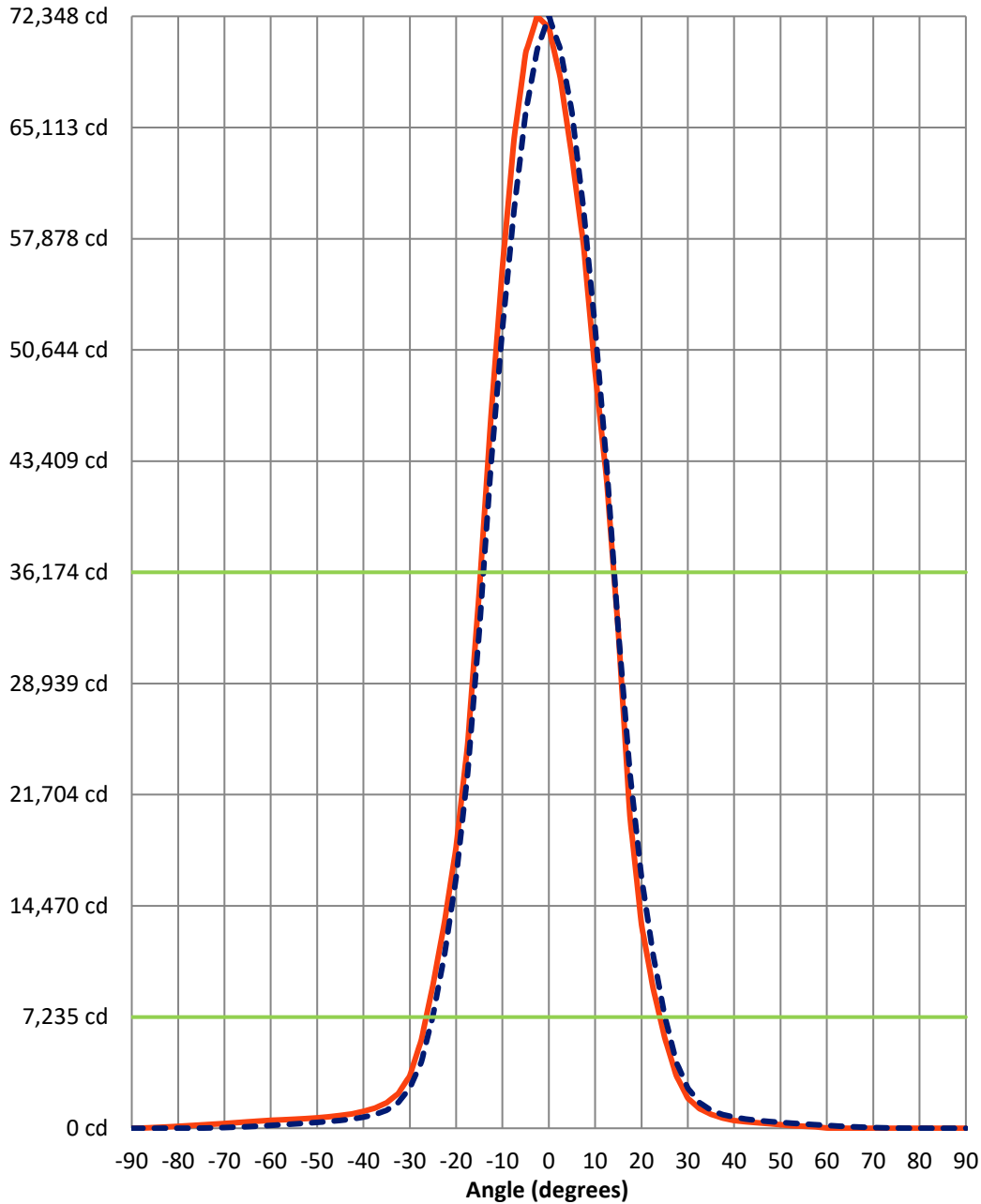
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 10260  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 17630.1  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 2889.5  
 Efficiency: 14.1%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through -2.5-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	0	0	0	0	0	0	1	1
57.5°	0	0	0	0	0	0	0	0	1	2	2
55°	0	0	0	0	0	0	1	0	2	3	2
52.5°	0	0	0	0	0	0	1	1	3	3	2
50°	0	0	0	0	0	0	1	2	4	3	3
47.5°	0	0	0	0	0	1	2	3	5	4	4
45°	0	0	0	0	0	1	3	4	5	4	5
42.5°	0	0	0	0	0	2	3	5	5	4	7
40°	0	0	0	0	0	3	4	5	5	5	11
37.5°	0	0	0	0	1	3	4	5	6	7	15
35°	0	0	0	0	1	4	4	5	7	11	20
32.5°	0	0	0	0	2	4	5	5	8	15	25
30°	0	0	0	0	2	4	5	5	10	19	30
27.5°	0	0	0	0	3	4	5	6	13	23	36
25°	0	0	0	0	3	5	5	8	16	28	43
22.5°	0	0	0	0	3	5	5	10	19	33	51
20°	0	0	0	0	3	5	5	11	22	38	59
17.5°	0	0	0	0	4	5	5	13	25	43	66
15°	0	0	0	0	4	5	5	15	27	48	72
12.5°	0	0	0	0	4	5	6	18	30	53	78
10°	0	0	0	0	4	5	7	20	33	58	83
7.5°	0	0	0	0	4	5	7	22	35	62	88
5°	0	0	0	0	5	5	8	24	37	66	93
2.5°	0	0	0	0	5	5	8	26	39	70	97
0°	0	0	0	0	5	5	9	27	41	73	100
-2.5°	0	0	0	0	5	5	11	28	45	75	103
-5°	0	0	0	1	5	6	13	28	49	78	105
-7.5°	0	0	0	1	4	6	14	29	52	79	107
-10°	0	0	0	1	4	6	16	29	54	81	108
-12.5°	0	0	0	1	4	7	17	29	56	82	111
-15°	0	0	0	2	4	7	18	29	56	83	113
-17.5°	0	0	0	2	4	7	18	30	55	83	114
-20°	0	0	0	2	4	7	18	32	54	83	114

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CATALOG NUMBER: GFLD-SA3E-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	2	4	7	19	33	53	82	112
-25°	0	0	0	2	4	8	19	34	52	80	109
-27.5°	0	0	0	2	4	8	19	34	50	78	107
-30°	0	0	0	2	5	9	19	34	50	75	104
-32.5°	0	0	0	2	5	9	18	34	50	73	99
-35°	0	0	0	2	5	9	18	33	49	70	94
-37.5°	0	0	0	2	6	9	19	32	48	67	92
-40°	0	0	0	1	6	10	18	31	46	65	90
-42.5°	0	0	0	1	6	10	18	30	45	63	86
-45°	0	0	0	1	6	10	17	29	43	60	82
-47.5°	0	0	0	1	5	10	16	27	41	56	78
-50°	0	0	0	1	5	10	16	26	39	54	72
-52.5°	0	0	0	1	5	9	15	24	36	50	66
-55°	0	0	0	1	4	9	14	22	33	46	62
-57.5°	0	0	0	1	4	8	13	20	30	42	56
-60°	0	0	0	1	3	8	12	18	27	38	50
-62.5°	0	0	0	1	3	7	11	16	24	33	45
-65°	0	0	0	1	3	6	10	15	22	30	39
-67.5°	0	0	0	1	3	6	9	13	19	26	34
-70°	0	0	0	1	3	5	8	12	16	22	30
-72.5°	0	0	0	1	2	5	8	10	14	19	25
-75°	0	0	0	1	2	4	7	9	11	15	20
-77.5°	0	0	0	1	2	4	6	7	9	12	15
-80°	0	0	0	1	2	3	5	6	7	9	11
-82.5°	0	0	0	0	1	2	4	4	5	6	7
-85°	0	0	0	0	1	1	2	3	3	4	4
-87.5°	0	0	0	0	0	1	1	1	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P627264 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	1	1	0	1	2
60°	0	0	1	1	1	2	3	4	4	4	9
57.5°	1	1	2	3	3	5	7	9	14	21	25
55°	1	3	4	4	7	11	15	23	30	40	48
52.5°	3	5	4	7	13	20	29	40	52	61	69
50°	4	5	6	15	23	33	47	62	73	81	94
47.5°	6	7	14	23	35	51	69	82	92	108	127
45°	9	13	22	35	50	72	88	100	117	137	156
42.5°	12	20	33	46	70	91	106	123	142	164	185
40°	18	27	44	64	89	109	128	148	168	193	215
37.5°	24	38	56	82	107	129	151	173	198	224	250
35°	29	48	71	97	123	150	175	200	230	259	289
32.5°	37	59	84	113	141	170	197	230	262	293	330
30°	47	70	97	127	157	188	223	260	291	327	366
27.5°	57	81	110	141	172	206	248	285	319	357	400
25°	67	92	123	154	188	227	272	309	345	388	438
22.5°	76	103	136	166	203	248	294	336	377	419	477
20°	85	115	149	181	218	268	316	363	410	464	530
17.5°	93	126	162	198	238	288	339	391	444	509	591
15°	101	136	174	213	257	308	361	418	480	556	649
12.5°	109	145	186	228	273	325	381	440	511	603	719
10°	116	154	198	241	288	341	398	460	536	635	771
7.5°	122	162	209	253	300	355	412	477	557	662	812
5°	128	170	216	261	310	366	424	491	574	683	846
2.5°	133	176	223	268	317	373	432	500	585	703	872
0°	137	182	228	273	323	378	437	506	592	720	888
-2.5°	141	188	233	279	330	383	442	511	600	725	892
-5°	144	193	237	283	334	386	445	513	604	725	895
-7.5°	147	196	240	286	337	389	447	516	606	724	894
-10°	148	198	242	289	340	391	448	515	603	716	879
-12.5°	151	199	244	290	341	392	446	510	594	702	851
-15°	153	199	244	290	340	391	442	502	581	685	814
-17.5°	154	198	243	287	338	389	437	495	568	665	788
-20°	153	197	240	283	334	385	433	489	557	643	753

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CATALOG NUMBER: GFLD-SA3E-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	152	196	237	279	328	377	426	479	542	614	713
-25°	150	193	234	275	321	368	417	466	526	595	680
-27.5°	146	190	230	270	313	358	406	454	509	572	645
-30°	141	184	224	264	306	349	393	441	490	549	615
-32.5°	134	178	217	256	298	339	379	425	473	523	583
-35°	128	170	209	247	288	328	366	406	453	501	551
-37.5°	124	161	200	236	276	315	351	389	431	477	523
-40°	119	153	191	226	262	301	337	371	408	453	497
-42.5°	114	146	181	216	250	285	322	354	390	431	472
-45°	109	140	171	205	238	270	304	339	373	409	449
-47.5°	103	132	163	193	226	258	287	320	356	390	425
-50°	96	124	152	180	211	243	274	302	334	369	402
-52.5°	89	115	141	167	195	226	257	286	314	343	376
-55°	80	104	129	153	179	207	237	266	295	322	350
-57.5°	72	93	116	140	163	187	216	244	272	299	327
-60°	65	82	102	125	148	170	194	221	247	273	298
-62.5°	57	72	89	109	131	153	175	198	222	244	266
-65°	51	63	77	94	112	132	153	175	196	214	231
-67.5°	43	54	66	79	95	111	128	147	167	184	199
-70°	37	45	55	66	79	92	107	122	137	152	167
-72.5°	31	38	45	52	63	76	88	99	112	125	138
-75°	25	31	37	43	51	60	70	81	91	102	112
-77.5°	19	24	29	34	39	47	55	63	72	80	89
-80°	14	18	22	26	30	35	40	45	52	58	65
-82.5°	10	12	15	19	21	24	27	30	34	39	44
-85°	5	7	9	11	12	14	15	17	19	22	25
-87.5°	3	3	4	5	6	6	6	6	8	9	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627264 (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	1	1	1	0	0	0
62.5°	1	2	4	5	5	6	6	6	6	6	6
60°	12	11	17	21	20	16	22	26	25	21	21
57.5°	32	40	46	48	54	63	66	65	66	69	77
55°	56	62	67	76	85	94	101	105	111	117	123
52.5°	76	87	94	104	116	123	126	139	150	159	164
50°	108	119	131	144	156	167	176	189	203	219	229
47.5°	142	156	172	190	203	214	226	243	263	282	293
45°	174	190	209	227	242	257	274	296	317	335	349
42.5°	202	221	241	261	274	297	322	344	370	393	411
40°	235	253	283	303	321	345	382	414	444	473	491
37.5°	274	304	336	362	386	416	466	515	554	593	620
35°	321	357	397	425	461	517	579	647	715	769	818
32.5°	365	406	446	491	546	625	704	812	912	1015	1112
30°	406	451	500	557	647	757	884	1050	1230	1410	1615
27.5°	448	497	556	647	783	933	1168	1429	1802	2102	2586
25°	494	550	630	775	962	1227	1637	2103	2875	3534	4277
22.5°	549	635	749	931	1243	1719	2357	3374	4558	5658	6708
20°	618	734	928	1218	1666	2399	3608	5150	6797	8407	9964
17.5°	708	893	1170	1583	2218	3758	5557	7761	10581	12700	14709
15°	791	1025	1444	2112	3308	5289	7804	11178	14975	18168	21780
12.5°	889	1171	1676	2543	4252	6871	10077	14101	18595	23441	29098
10°	974	1321	1971	3164	5237	8285	11878	16601	22373	29231	36381
7.5°	1040	1447	2217	3629	6066	9444	13731	19475	26786	34801	42955
5°	1091	1544	2411	3994	6772	10386	15083	21749	30082	39282	47390
2.5°	1131	1612	2539	4219	7249	11029	16008	22958	32099	42207	50721
0°	1162	1654	2610	4378	7471	11334	16436	23446	33044	43640	52396
-2.5°	1172	1675	2614	4322	7336	11315	16336	23147	32392	43071	52040
-5°	1176	1664	2548	4208	7097	10909	15682	22010	30401	40418	49507
-7.5°	1168	1620	2414	3926	6560	10193	14768	20323	27201	36032	45427
-10°	1136	1542	2233	3543	5821	9075	13346	18039	23534	30744	38357
-12.5°	1079	1426	1983	2970	4952	7809	11592	15741	20023	24761	31023
-15°	1011	1307	1779	2623	4146	6480	9543	13047	16601	20229	24049
-17.5°	960	1204	1570	2159	3183	5070	7520	10336	13219	16100	18673
-20°	894	1080	1367	1825	2568	3685	5527	7718	9873	12222	14194

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627264 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	835	994	1208	1497	1997	2783	3833	5375	7013	8719	10338
-25°	780	900	1070	1301	1600	2068	2762	3568	4717	5766	6969
-27.5°	733	834	949	1121	1347	1603	2029	2499	3102	3602	4405
-30°	688	769	864	974	1140	1335	1564	1849	2144	2439	2824
-32.5°	646	713	788	877	980	1126	1268	1451	1613	1790	1973
-35°	605	665	726	797	876	972	1079	1200	1307	1414	1510
-37.5°	570	619	673	729	792	859	943	1029	1101	1170	1230
-40°	540	581	626	672	723	777	842	905	954	999	1037
-42.5°	512	549	584	623	666	715	766	814	847	879	903
-45°	486	518	550	582	617	660	704	741	767	791	809
-47.5°	458	487	516	546	579	613	648	676	700	720	733
-50°	431	460	486	510	540	571	601	625	645	663	672
-52.5°	405	432	458	484	508	532	555	578	599	617	624
-55°	379	406	429	453	476	499	520	540	559	576	582
-57.5°	354	381	406	425	445	465	486	505	523	539	545
-60°	325	352	374	393	412	431	449	467	484	499	506
-62.5°	290	315	335	353	371	388	404	420	436	448	456
-65°	250	271	291	309	324	340	355	369	382	392	398
-67.5°	215	230	247	263	279	294	307	320	332	340	346
-70°	181	195	210	224	239	252	264	275	286	293	299
-72.5°	150	163	176	189	202	213	223	233	242	249	254
-75°	122	133	144	155	166	175	183	191	199	205	210
-77.5°	97	105	113	121	130	137	144	150	156	161	165
-80°	72	78	85	91	97	102	107	112	117	121	125
-82.5°	49	53	58	63	68	71	74	76	79	82	85
-85°	28	31	34	37	40	42	44	46	48	50	51
-87.5°	11	12	14	15	16	17	17	17	18	19	20
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627264 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	1
62.5°	6	5	5	5	5	5	6	6	6	6	6
60°	20	18	18	18	18	18	20	21	21	25	26
57.5°	85	91	95	96	95	91	85	77	69	66	65
55°	129	134	134	132	134	134	129	123	117	111	105
52.5°	167	167	166	164	166	167	167	164	159	150	139
50°	232	231	231	232	231	231	232	229	219	203	189
47.5°	298	301	302	301	302	301	298	293	282	263	243
45°	356	360	362	360	362	360	356	349	335	317	296
42.5°	418	421	422	424	422	421	418	411	393	370	344
40°	500	503	502	501	502	503	500	491	473	444	414
37.5°	639	649	653	665	653	649	639	620	593	554	515
35°	856	879	892	911	892	879	856	818	769	715	647
32.5°	1182	1230	1255	1280	1255	1230	1182	1112	1015	912	812
30°	1757	1851	1889	1959	1889	1851	1757	1615	1410	1230	1050
27.5°	2941	3164	3251	3435	3251	3164	2941	2586	2102	1802	1429
25°	4954	5434	5699	5908	5699	5434	4954	4277	3534	2875	2103
22.5°	7767	8470	8847	9124	8847	8470	7767	6708	5658	4558	3374
20°	11375	12304	12858	13261	12858	12304	11375	9964	8407	6797	5150
17.5°	17288	18748	19602	20335	19602	18748	17288	14709	12700	10581	7761
15°	25809	28743	31023	32293	31023	28743	25809	21780	18168	14975	11178
12.5°	34099	38396	40949	42123	40949	38396	34099	29098	23441	18595	14101
10°	42297	46349	48778	49207	48778	46349	42297	36381	29231	22373	16601
7.5°	48573	53029	56257	57429	56257	53029	48573	42955	34801	26786	19475
5°	54117	59334	62750	63183	62750	59334	54117	47390	39282	30082	21749
2.5°	58194	63866	67178	68317	67178	63866	58194	50721	42207	32099	22958
0°	60167	66276	69961	71619	69961	66276	60167	52396	43640	33044	23446
-2.5°	59752	66070	70184	72348	70184	66070	59752	52040	43071	32392	23147
-5°	57480	63817	67652	69952	67652	63817	57480	49507	40418	30401	22010
-7.5°	52241	58167	62250	64372	62250	58167	52241	45427	36032	27201	20323
-10°	45490	50505	54227	56035	54227	50505	45490	38357	30744	23534	18039
-12.5°	36717	41582	44940	46219	44940	41582	36717	31023	24761	20023	15741
-15°	28132	31845	34230	34985	34230	31845	28132	24049	20229	16601	13047
-17.5°	21334	23333	24675	25036	24675	23333	21334	18673	16100	13219	10336
-20°	15983	17222	18093	18299	18093	17222	15983	14194	12222	9873	7718

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REPORT NUMBER: P627264 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11646	12577	13280	13420	13280	12577	11646	10338	8719	7013	5375
-25°	8033	8812	9289	9325	9289	8812	8033	6969	5766	4717	3568
-27.5°	5036	5464	5685	5763	5685	5464	5036	4405	3602	3102	2499
-30°	3112	3309	3413	3417	3413	3309	3112	2824	2439	2144	1849
-32.5°	2113	2208	2260	2260	2260	2208	2113	1973	1790	1613	1451
-35°	1583	1632	1660	1663	1660	1632	1583	1510	1414	1307	1200
-37.5°	1273	1300	1314	1317	1314	1300	1273	1230	1170	1101	1029
-40°	1064	1083	1095	1102	1095	1083	1064	1037	999	954	905
-42.5°	920	933	938	934	938	933	920	903	879	847	814
-45°	820	827	832	834	832	827	820	809	791	767	741
-47.5°	740	744	746	747	746	744	740	733	720	700	676
-50°	677	680	681	679	681	680	677	672	663	645	625
-52.5°	626	627	628	629	628	627	626	624	617	599	578
-55°	585	586	587	588	587	586	585	582	576	559	540
-57.5°	549	553	553	551	553	553	549	545	539	523	505
-60°	512	516	519	519	519	516	512	506	499	484	467
-62.5°	462	466	469	469	469	466	462	456	448	436	420
-65°	404	408	414	419	414	408	404	398	392	382	369
-67.5°	350	353	359	364	359	353	350	346	340	332	320
-70°	304	308	309	310	309	308	304	299	293	286	275
-72.5°	259	263	264	264	264	263	259	254	249	242	233
-75°	214	217	218	219	218	217	214	210	205	199	191
-77.5°	169	172	173	173	173	172	169	165	161	156	150
-80°	128	131	130	128	130	131	128	125	121	117	112
-82.5°	88	91	89	87	89	91	88	85	82	79	76
-85°	53	54	52	50	52	54	53	51	50	48	46
-87.5°	21	23	20	18	20	23	21	20	19	18	17
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627264 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	1	1	0	0	0	0	0	0	0	0	0
62.5°	6	6	5	5	4	2	1	2	1	0	1
60°	22	16	20	21	17	11	12	9	4	4	4
57.5°	66	63	54	48	46	40	32	25	21	14	9
55°	101	94	85	76	67	62	56	48	40	30	23
52.5°	126	123	116	104	94	87	76	69	61	52	40
50°	176	167	156	144	131	119	108	94	81	73	62
47.5°	226	214	203	190	172	156	142	127	108	92	82
45°	274	257	242	227	209	190	174	156	137	117	100
42.5°	322	297	274	261	241	221	202	185	164	142	123
40°	382	345	321	303	283	253	235	215	193	168	148
37.5°	466	416	386	362	336	304	274	250	224	198	173
35°	579	517	461	425	397	357	321	289	259	230	200
32.5°	704	625	546	491	446	406	365	330	293	262	230
30°	884	757	647	557	500	451	406	366	327	291	260
27.5°	1168	933	783	647	556	497	448	400	357	319	285
25°	1637	1227	962	775	630	550	494	438	388	345	309
22.5°	2357	1719	1243	931	749	635	549	477	419	377	336
20°	3608	2399	1666	1218	928	734	618	530	464	410	363
17.5°	5557	3758	2218	1583	1170	893	708	591	509	444	391
15°	7804	5289	3308	2112	1444	1025	791	649	556	480	418
12.5°	10077	6871	4252	2543	1676	1171	889	719	603	511	440
10°	11878	8285	5237	3164	1971	1321	974	771	635	536	460
7.5°	13731	9444	6066	3629	2217	1447	1040	812	662	557	477
5°	15083	10386	6772	3994	2411	1544	1091	846	683	574	491
2.5°	16008	11029	7249	4219	2539	1612	1131	872	703	585	500
0°	16436	11334	7471	4378	2610	1654	1162	888	720	592	506
-2.5°	16336	11315	7336	4322	2614	1675	1172	892	725	600	511
-5°	15682	10909	7097	4208	2548	1664	1176	895	725	604	513
-7.5°	14768	10193	6560	3926	2414	1620	1168	894	724	606	516
-10°	13346	9075	5821	3543	2233	1542	1136	879	716	603	515
-12.5°	11592	7809	4952	2970	1983	1426	1079	851	702	594	510
-15°	9543	6480	4146	2623	1779	1307	1011	814	685	581	502
-17.5°	7520	5070	3183	2159	1570	1204	960	788	665	568	495
-20°	5527	3685	2568	1825	1367	1080	894	753	643	557	489

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REPORT NUMBER: P627264 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3833	2783	1997	1497	1208	994	835	713	614	542	479
-25°	2762	2068	1600	1301	1070	900	780	680	595	526	466
-27.5°	2029	1603	1347	1121	949	834	733	645	572	509	454
-30°	1564	1335	1140	974	864	769	688	615	549	490	441
-32.5°	1268	1126	980	877	788	713	646	583	523	473	425
-35°	1079	972	876	797	726	665	605	551	501	453	406
-37.5°	943	859	792	729	673	619	570	523	477	431	389
-40°	842	777	723	672	626	581	540	497	453	408	371
-42.5°	766	715	666	623	584	549	512	472	431	390	354
-45°	704	660	617	582	550	518	486	449	409	373	339
-47.5°	648	613	579	546	516	487	458	425	390	356	320
-50°	601	571	540	510	486	460	431	402	369	334	302
-52.5°	555	532	508	484	458	432	405	376	343	314	286
-55°	520	499	476	453	429	406	379	350	322	295	266
-57.5°	486	465	445	425	406	381	354	327	299	272	244
-60°	449	431	412	393	374	352	325	298	273	247	221
-62.5°	404	388	371	353	335	315	290	266	244	222	198
-65°	355	340	324	309	291	271	250	231	214	196	175
-67.5°	307	294	279	263	247	230	215	199	184	167	147
-70°	264	252	239	224	210	195	181	167	152	137	122
-72.5°	223	213	202	189	176	163	150	138	125	112	99
-75°	183	175	166	155	144	133	122	112	102	91	81
-77.5°	144	137	130	121	113	105	97	89	80	72	63
-80°	107	102	97	91	85	78	72	65	58	52	45
-82.5°	74	71	68	63	58	53	49	44	39	34	30
-85°	44	42	40	37	34	31	28	25	22	19	17
-87.5°	17	17	16	15	14	12	11	10	9	8	6
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P627264 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	1	0	0	0
60°	3	2	1	1	1	0	0	1	1	0	0
57.5°	7	5	3	3	2	1	1	2	2	1	0
55°	15	11	7	4	4	3	1	2	3	2	0
52.5°	29	20	13	7	4	5	3	2	3	3	1
50°	47	33	23	15	6	5	4	3	3	4	2
47.5°	69	51	35	23	14	7	6	4	4	5	3
45°	88	72	50	35	22	13	9	5	4	5	4
42.5°	106	91	70	46	33	20	12	7	4	5	5
40°	128	109	89	64	44	27	18	11	5	5	5
37.5°	151	129	107	82	56	38	24	15	7	6	5
35°	175	150	123	97	71	48	29	20	11	7	5
32.5°	197	170	141	113	84	59	37	25	15	8	5
30°	223	188	157	127	97	70	47	30	19	10	5
27.5°	248	206	172	141	110	81	57	36	23	13	6
25°	272	227	188	154	123	92	67	43	28	16	8
22.5°	294	248	203	166	136	103	76	51	33	19	10
20°	316	268	218	181	149	115	85	59	38	22	11
17.5°	339	288	238	198	162	126	93	66	43	25	13
15°	361	308	257	213	174	136	101	72	48	27	15
12.5°	381	325	273	228	186	145	109	78	53	30	18
10°	398	341	288	241	198	154	116	83	58	33	20
7.5°	412	355	300	253	209	162	122	88	62	35	22
5°	424	366	310	261	216	170	128	93	66	37	24
2.5°	432	373	317	268	223	176	133	97	70	39	26
0°	437	378	323	273	228	182	137	100	73	41	27
-2.5°	442	383	330	279	233	188	141	103	75	45	28
-5°	445	386	334	283	237	193	144	105	78	49	28
-7.5°	447	389	337	286	240	196	147	107	79	52	29
-10°	448	391	340	289	242	198	148	108	81	54	29
-12.5°	446	392	341	290	244	199	151	111	82	56	29
-15°	442	391	340	290	244	199	153	113	83	56	29
-17.5°	437	389	338	287	243	198	154	114	83	55	30
-20°	433	385	334	283	240	197	153	114	83	54	32

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REPORT NUMBER: P627264 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	426	377	328	279	237	196	152	112	82	53	33
-25°	417	368	321	275	234	193	150	109	80	52	34
-27.5°	406	358	313	270	230	190	146	107	78	50	34
-30°	393	349	306	264	224	184	141	104	75	50	34
-32.5°	379	339	298	256	217	178	134	99	73	50	34
-35°	366	328	288	247	209	170	128	94	70	49	33
-37.5°	351	315	276	236	200	161	124	92	67	48	32
-40°	337	301	262	226	191	153	119	90	65	46	31
-42.5°	322	285	250	216	181	146	114	86	63	45	30
-45°	304	270	238	205	171	140	109	82	60	43	29
-47.5°	287	258	226	193	163	132	103	78	56	41	27
-50°	274	243	211	180	152	124	96	72	54	39	26
-52.5°	257	226	195	167	141	115	89	66	50	36	24
-55°	237	207	179	153	129	104	80	62	46	33	22
-57.5°	216	187	163	140	116	93	72	56	42	30	20
-60°	194	170	148	125	102	82	65	50	38	27	18
-62.5°	175	153	131	109	89	72	57	45	33	24	16
-65°	153	132	112	94	77	63	51	39	30	22	15
-67.5°	128	111	95	79	66	54	43	34	26	19	13
-70°	107	92	79	66	55	45	37	30	22	16	12
-72.5°	88	76	63	52	45	38	31	25	19	14	10
-75°	70	60	51	43	37	31	25	20	15	11	9
-77.5°	55	47	39	34	29	24	19	15	12	9	7
-80°	40	35	30	26	22	18	14	11	9	7	6
-82.5°	27	24	21	19	15	12	10	7	6	5	4
-85°	15	14	12	11	9	7	5	4	4	3	3
-87.5°	6	6	6	5	4	3	3	2	2	2	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: P627264 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	1	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	2	1	0	0	0	0	0
45°	3	1	0	0	0	0	0
42.5°	3	2	0	0	0	0	0
40°	4	3	0	0	0	0	0
37.5°	4	3	1	0	0	0	0
35°	4	4	1	0	0	0	0
32.5°	5	4	2	0	0	0	0
30°	5	4	2	0	0	0	0
27.5°	5	4	3	0	0	0	0
25°	5	5	3	0	0	0	0
22.5°	5	5	3	0	0	0	0
20°	5	5	3	0	0	0	0
17.5°	5	5	4	0	0	0	0
15°	5	5	4	0	0	0	0
12.5°	6	5	4	0	0	0	0
10°	7	5	4	0	0	0	0
7.5°	7	5	4	0	0	0	0
5°	8	5	5	0	0	0	0
2.5°	8	5	5	0	0	0	0
0°	9	5	5	0	0	0	0
-2.5°	11	5	5	0	0	0	0
-5°	13	6	5	1	0	0	0
-7.5°	14	6	4	1	0	0	0
-10°	16	6	4	1	0	0	0
-12.5°	17	7	4	1	0	0	0
-15°	18	7	4	2	0	0	0
-17.5°	18	7	4	2	0	0	0
-20°	18	7	4	2	0	0	0

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REPORT NUMBER: P627264 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)