

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: P627344 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627344 (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-SA4B-740-U-MR-VSR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (64) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 18942.3 lumens  
Efficiency: N/A  
Efficacy: 146.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 66787.2 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 9471.3 lumens  
Beam Efficiency: 50.0%

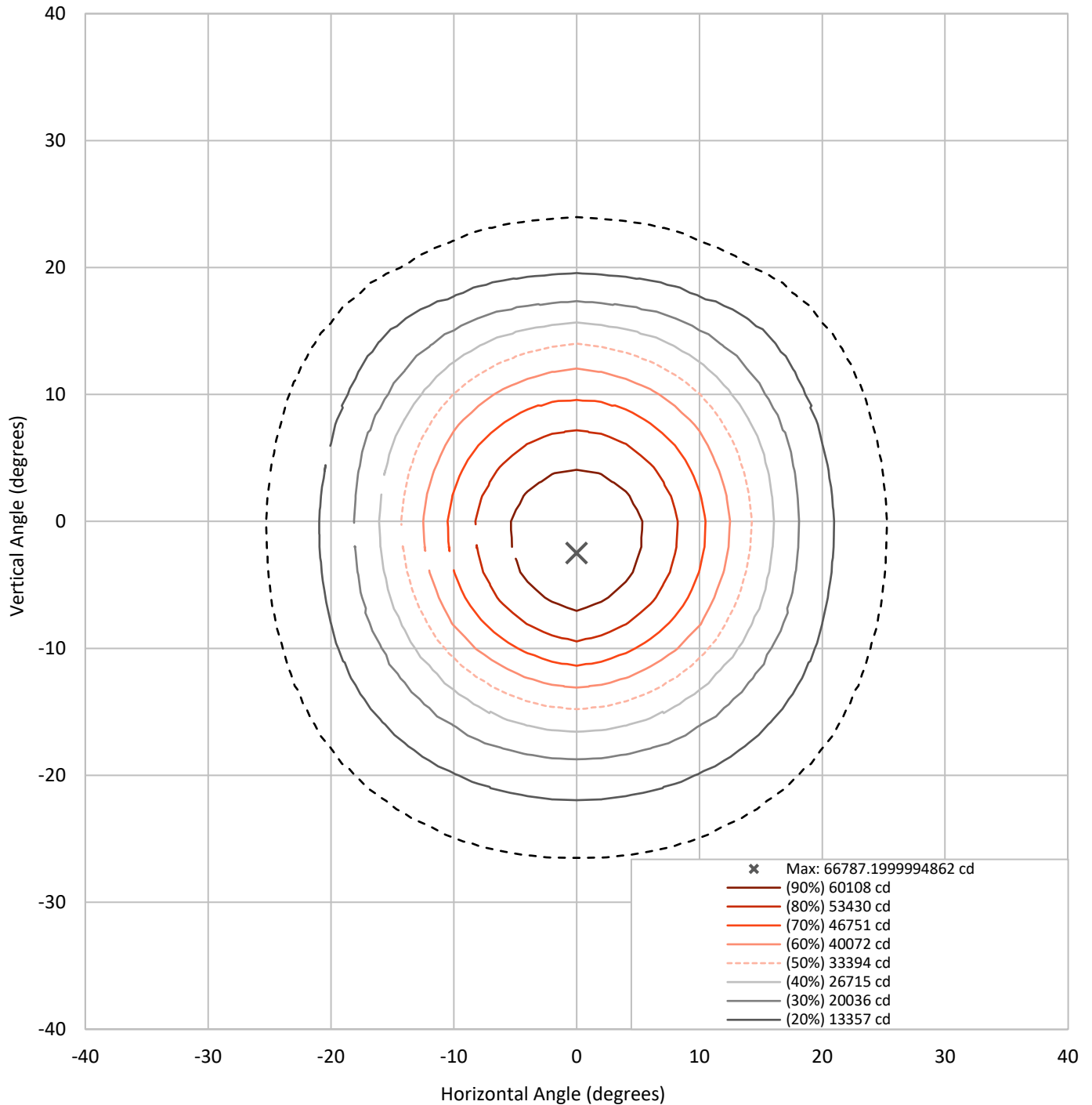
Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 16275 lumens  
Field Efficiency: 85.9%

Input Watts (W): 129.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





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### Lumen Table

90																			
80	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0		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	0.5	1.3	2.2	3.0	3.6	3.6	3.0	2.2	1.3	0.5	0.1	0.0				
40	0.1	0.1	0.6	2.1	4.0	6.1	8.6	10.1	10.1	8.6	6.1	4.0	2.1	0.6	0.1	0.1			
30		0.3	1.6	4.1	7.5	12.2	20.4	27.2	27.2	20.4	12.2	7.5	4.1	1.6	0.3				
20	0.1	0.6	2.6	6.2	11.8	28.6	89.9	164.9	164.9	89.9	28.6	11.8	6.2	2.6	0.6	0.1			
10		0.9	3.5	8.4	20.2	98.7	401.1	785.5	785.5	401.1	98.7	20.2	8.4	3.5	0.9				
0	0.3	1.2	4.3	10.0	28.9	188.0	810.0	1587.6	1587.6	810.0	188.0	28.9	10.0	4.3	1.2	0.3			
-10		1.4	4.7	10.6	30.9	197.0	831.1	1683.5	1683.5	831.1	197.0	30.9	10.6	4.7	1.4				
-20	0.4	1.5	4.7	10.3	25.4	121.0	459.6	890.9	890.9	459.6	121.0	25.4	10.3	4.7	1.5	0.4			
-30		1.4	4.5	9.4	18.6	47.0	142.3	253.9	253.9	142.3	47.0	18.6	9.4	4.5	1.4				
-40	0.3	1.2	4.0	8.2	14.1	23.2	37.8	50.6	50.6	37.8	23.2	14.1	8.2	4.0	1.2	0.3			
-50		1.0	3.3	6.8	11.2	16.0	21.0	23.6	23.6	21.0	16.0	11.2	6.8	3.3	1.0				
-60	0.2	0.8	2.5	5.3	8.7	12.1	15.2	16.5	16.5	15.2	12.1	8.7	5.3	2.5	0.8	0.2			
-70		0.5	1.6	3.5	5.8	8.3	10.4	11.5	11.5	10.4	8.3	5.8	3.5	1.6	0.5				
-80	0.1	1.2		5.6		12.1		15.3		12.1		5.6		1.2		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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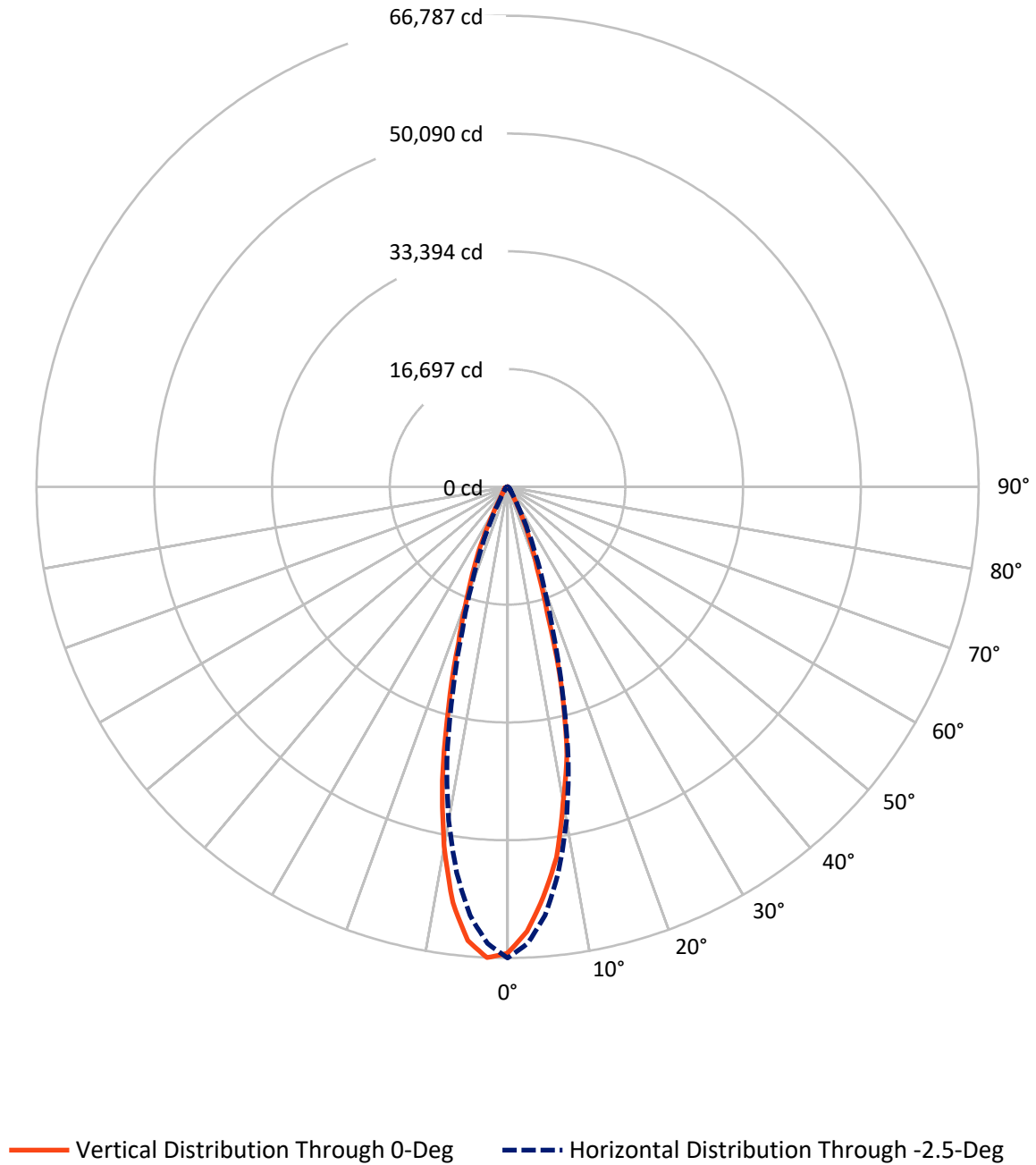
Scaled Data Report



REPORT NUMBER: P627344 (CONVERTED FROM TYPE C PHOTOMETRY)

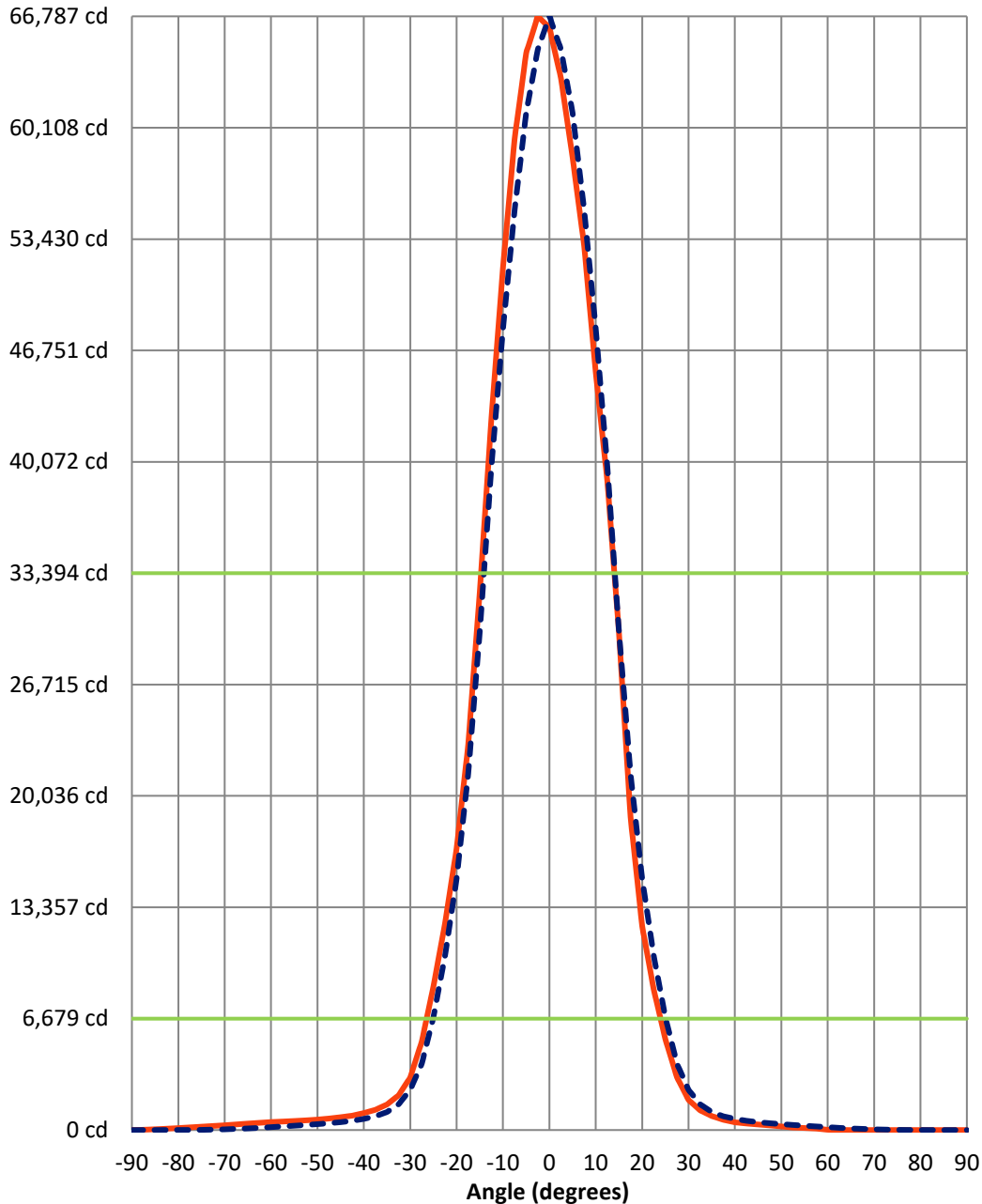
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 9471.3  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 16275  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 2667.3  
 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	1
55°	0	0	0	0	0	0	0	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	4	3	4
45°	0	0	0	0	0	1	2	4	4	4	4
42.5°	0	0	0	0	0	2	3	4	4	4	7
40°	0	0	0	0	0	2	3	4	4	4	10
37.5°	0	0	0	0	1	3	4	4	5	6	14
35°	0	0	0	0	1	3	4	4	6	10	18
32.5°	0	0	0	0	1	4	4	4	8	14	23
30°	0	0	0	0	2	4	4	4	9	18	28
27.5°	0	0	0	0	2	4	4	6	12	21	33
25°	0	0	0	0	3	4	4	7	15	25	39
22.5°	0	0	0	0	3	4	4	9	18	30	47
20°	0	0	0	0	3	4	4	11	20	35	54
17.5°	0	0	0	0	3	4	4	12	23	39	61
15°	0	0	0	0	4	4	5	14	25	44	67
12.5°	0	0	0	0	4	4	5	16	28	49	72
10°	0	0	0	0	4	4	6	18	30	53	77
7.5°	0	0	0	0	4	4	7	20	32	57	81
5°	0	0	0	0	4	4	7	22	34	61	86
2.5°	0	0	0	0	4	4	8	24	36	64	89
0°	0	0	0	0	4	4	8	25	38	67	92
-2.5°	0	0	0	0	4	5	10	26	42	70	95
-5°	0	0	0	1	4	5	12	26	45	72	97
-7.5°	0	0	0	1	4	6	13	26	48	73	99
-10°	0	0	0	1	4	6	14	27	50	74	100
-12.5°	0	0	0	1	4	6	15	27	51	76	102
-15°	0	0	0	1	4	6	16	27	52	77	104
-17.5°	0	0	0	2	4	7	17	28	51	77	105
-20°	0	0	0	2	4	7	17	29	50	77	105

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CATALOG NUMBER: GFLD-SA4B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	2	4	7	17	30	49	76	104
-25°	0	0	0	2	4	7	17	31	48	74	101
-27.5°	0	0	0	2	4	8	17	31	46	72	99
-30°	0	0	0	2	4	8	17	31	46	70	96
-32.5°	0	0	0	2	5	8	17	31	46	67	92
-35°	0	0	0	2	5	8	17	31	45	64	87
-37.5°	0	0	0	1	5	9	17	30	44	62	85
-40°	0	0	0	1	6	9	17	29	43	60	83
-42.5°	0	0	0	1	5	9	16	28	41	58	80
-45°	0	0	0	1	5	9	16	27	40	55	76
-47.5°	0	0	0	1	5	9	15	25	38	52	72
-50°	0	0	0	1	5	9	14	24	36	49	67
-52.5°	0	0	0	1	4	8	14	22	33	46	61
-55°	0	0	0	1	4	8	13	20	31	43	57
-57.5°	0	0	0	1	3	8	12	18	28	39	52
-60°	0	0	0	1	3	7	11	17	25	35	46
-62.5°	0	0	0	1	3	6	10	15	22	31	41
-65°	0	0	0	1	3	6	9	13	20	27	36
-67.5°	0	0	0	1	3	5	9	12	17	24	32
-70°	0	0	0	1	3	5	8	11	15	21	27
-72.5°	0	0	0	1	2	4	7	10	13	17	23
-75°	0	0	0	1	2	4	6	8	10	14	18
-77.5°	0	0	0	1	2	3	5	7	8	11	14
-80°	0	0	0	1	1	3	4	5	6	8	10
-82.5°	0	0	0	0	1	2	3	4	4	5	6
-85°	0	0	0	0	1	1	2	3	3	3	4
-87.5°	0	0	0	0	0	1	1	1	1	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA4B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	1	1	0	1	1
60°	0	0	1	1	1	2	2	3	4	4	9
57.5°	1	1	2	2	3	5	7	8	13	19	23
55°	1	3	3	4	6	10	14	21	28	37	44
52.5°	3	4	4	7	12	18	27	37	48	56	63
50°	4	5	6	13	21	31	43	57	67	75	87
47.5°	6	6	13	22	32	47	64	75	85	100	117
45°	8	12	21	32	46	66	81	92	108	126	144
42.5°	11	19	30	42	65	84	98	114	131	152	171
40°	16	25	40	59	82	100	119	136	155	178	199
37.5°	22	35	52	75	98	119	140	160	182	207	231
35°	27	45	65	90	114	139	161	185	212	239	267
32.5°	34	55	78	104	130	157	182	213	242	271	304
30°	43	65	89	118	145	174	206	240	268	301	337
27.5°	53	75	101	131	159	190	229	263	294	330	369
25°	61	85	113	142	173	209	251	285	318	358	404
22.5°	70	95	126	153	187	229	271	310	348	387	441
20°	78	106	138	168	201	247	292	335	379	428	489
17.5°	86	116	150	183	220	266	313	361	409	470	545
15°	94	126	161	197	237	284	333	386	443	513	599
12.5°	101	134	172	210	252	300	351	406	472	557	664
10°	107	142	183	222	265	315	367	424	495	586	712
7.5°	113	149	192	233	277	328	381	440	514	611	750
5°	118	157	200	241	286	338	392	453	530	631	781
2.5°	123	163	206	247	293	345	399	461	540	649	805
0°	126	168	210	252	299	349	404	467	547	664	820
-2.5°	130	174	215	258	304	353	408	472	554	669	824
-5°	133	178	219	261	308	356	411	474	557	670	826
-7.5°	135	181	222	264	311	359	413	476	559	668	825
-10°	137	183	224	267	314	361	413	475	557	661	811
-12.5°	140	184	225	268	315	362	412	471	549	649	785
-15°	141	184	225	267	314	361	408	464	536	632	751
-17.5°	142	183	224	265	312	359	404	457	525	614	728
-20°	142	182	222	261	308	355	399	451	514	593	695

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CATALOG NUMBER: GFLD-SA4B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	141	181	219	257	302	348	393	442	500	567	659
-25°	139	179	216	254	296	340	385	430	486	550	627
-27.5°	135	175	212	249	289	331	375	419	470	528	595
-30°	130	170	207	244	282	322	363	407	452	507	568
-32.5°	124	164	200	237	275	313	350	392	436	483	538
-35°	118	157	193	228	266	303	338	375	418	462	509
-37.5°	115	149	185	218	255	291	324	359	397	440	483
-40°	110	141	176	209	241	278	311	342	377	418	459
-42.5°	105	135	167	199	231	263	297	327	360	398	436
-45°	101	129	158	189	220	249	281	313	344	378	414
-47.5°	95	122	150	178	208	238	265	296	328	360	392
-50°	89	115	140	166	195	225	253	279	309	340	371
-52.5°	82	106	130	154	180	208	237	264	290	317	347
-55°	74	96	119	142	165	191	219	246	273	297	323
-57.5°	67	85	107	129	150	173	199	225	251	276	302
-60°	60	76	94	115	137	157	179	204	228	252	275
-62.5°	53	67	83	100	121	141	161	183	205	225	246
-65°	47	58	72	87	103	122	141	161	181	198	214
-67.5°	40	50	61	73	88	103	118	136	154	170	184
-70°	34	41	50	61	73	85	99	113	127	140	154
-72.5°	29	35	41	48	59	70	81	92	103	115	127
-75°	23	28	34	40	47	56	65	75	84	94	103
-77.5°	18	22	27	31	36	43	50	58	66	74	82
-80°	13	16	20	24	28	32	37	42	48	54	60
-82.5°	9	11	14	17	20	22	24	28	32	36	40
-85°	5	6	8	10	11	13	14	15	18	20	23
-87.5°	2	3	4	5	5	5	6	6	7	8	9
-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	1	1	1	0	0	0
62.5°	1	2	3	4	5	5	5	6	6	6	6
60°	11	10	16	19	19	14	21	24	23	19	19
57.5°	30	37	42	44	50	59	61	60	61	64	72
55°	52	57	62	70	79	87	93	97	102	108	114
52.5°	70	80	87	96	107	114	117	129	139	147	152
50°	100	110	121	133	144	154	162	174	188	202	211
47.5°	131	144	159	176	188	197	208	224	243	260	271
45°	161	175	193	210	223	237	253	273	292	309	323
42.5°	187	204	222	241	253	274	297	317	341	363	380
40°	217	233	261	280	297	319	352	382	410	437	454
37.5°	253	281	310	334	356	384	430	476	511	547	573
35°	296	330	366	392	426	477	535	597	660	710	755
32.5°	337	374	412	453	504	577	649	750	842	937	1027
30°	374	416	461	514	597	699	816	969	1136	1302	1491
27.5°	413	459	514	598	723	861	1078	1320	1664	1941	2387
25°	456	507	581	715	888	1132	1511	1942	2654	3262	3948
22.5°	507	586	691	859	1148	1587	2176	3114	4208	5223	6192
20°	570	678	857	1125	1538	2214	3331	4754	6275	7761	9198
17.5°	654	825	1080	1461	2048	3469	5130	7164	9768	11724	13578
15°	730	946	1333	1949	3053	4882	7204	10319	13824	16772	20106
12.5°	821	1081	1547	2347	3925	6343	9302	13017	17166	21640	26862
10°	899	1220	1820	2920	4834	7648	10965	15325	20654	26984	33585
7.5°	960	1336	2047	3350	5600	8719	12675	17978	24727	32126	39653
5°	1007	1425	2225	3687	6252	9588	13924	20077	27770	36262	43747
2.5°	1044	1488	2344	3894	6692	10182	14777	21194	29632	38963	46822
0°	1072	1526	2410	4041	6897	10463	15172	21644	30505	40286	48368
-2.5°	1082	1547	2413	3990	6772	10445	15080	21368	29903	39761	48040
-5°	1086	1536	2352	3884	6552	10071	14476	20318	28064	37311	45702
-7.5°	1078	1495	2228	3624	6056	9409	13633	18761	25110	33263	41935
-10°	1049	1423	2061	3271	5374	8377	12320	16653	21725	28381	35408
-12.5°	996	1316	1831	2742	4571	7209	10701	14531	18484	22858	28638
-15°	933	1206	1643	2421	3827	5982	8810	12044	15325	18674	22201
-17.5°	886	1111	1450	1993	2939	4681	6942	9541	12203	14863	17237
-20°	825	997	1262	1684	2371	3402	5102	7125	9114	11283	13103

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627344 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	771	917	1115	1382	1843	2569	3539	4962	6474	8049	9543
-25°	720	830	988	1201	1477	1909	2549	3294	4354	5323	6433
-27.5°	677	769	876	1035	1243	1480	1873	2307	2863	3325	4066
-30°	636	709	797	899	1052	1232	1443	1707	1979	2252	2607
-32.5°	597	659	728	810	905	1040	1171	1340	1489	1653	1822
-35°	559	614	671	736	809	897	996	1108	1207	1306	1394
-37.5°	526	572	622	673	732	793	871	950	1016	1080	1135
-40°	498	537	578	621	667	717	778	836	881	922	957
-42.5°	473	507	539	576	614	660	707	751	782	811	834
-45°	449	478	508	538	569	609	649	684	708	730	747
-47.5°	423	450	476	504	535	566	599	624	646	664	677
-50°	398	424	448	471	498	527	555	577	595	612	620
-52.5°	374	399	423	446	469	491	513	534	553	570	576
-55°	350	374	396	418	440	461	480	499	516	532	537
-57.5°	326	351	375	392	411	429	448	466	483	497	503
-60°	300	325	345	362	380	398	414	431	447	461	467
-62.5°	268	291	309	326	342	358	373	388	402	414	421
-65°	231	250	269	285	299	313	327	341	353	362	368
-67.5°	198	213	228	243	258	271	284	295	306	314	319
-70°	167	180	194	207	220	233	243	254	264	271	276
-72.5°	139	150	162	175	186	197	206	215	224	230	235
-75°	113	123	133	143	153	162	169	177	184	189	193
-77.5°	90	97	104	112	120	127	133	139	144	149	152
-80°	66	72	78	84	89	94	99	103	108	112	115
-82.5°	45	49	54	58	63	66	68	70	73	76	78
-85°	26	29	32	34	37	39	41	43	44	46	47
-87.5°	10	12	13	14	15	16	16	16	16	17	19
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627344 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	1
62.5°	5	4	4	4	4	4	5	6	6	6	6
60°	18	17	17	17	17	17	18	19	19	23	24
57.5°	78	84	87	88	87	84	78	72	64	61	60
55°	119	123	124	122	124	123	119	114	108	102	97
52.5°	154	155	154	151	154	155	154	152	147	139	129
50°	214	213	213	215	213	213	214	211	202	188	174
47.5°	275	278	279	278	279	278	275	271	260	243	224
45°	329	333	334	332	334	333	329	323	309	292	273
42.5°	386	389	390	391	390	389	386	380	363	341	317
40°	462	464	464	463	464	464	462	454	437	410	382
37.5°	590	599	603	614	603	599	590	573	547	511	476
35°	790	812	823	841	823	812	790	755	710	660	597
32.5°	1091	1135	1158	1182	1158	1135	1091	1027	937	842	750
30°	1622	1709	1744	1808	1744	1709	1622	1491	1302	1136	969
27.5°	2715	2921	3002	3171	3002	2921	2715	2387	1941	1664	1320
25°	4573	5016	5261	5454	5261	5016	4573	3948	3262	2654	1942
22.5°	7170	7819	8167	8423	8167	7819	7170	6192	5223	4208	3114
20°	10501	11358	11870	12241	11870	11358	10501	9198	7761	6275	4754
17.5°	15959	17307	18095	18772	18095	17307	15959	13578	11724	9768	7164
15°	23825	26534	28639	29811	28639	26534	23825	20106	16772	13824	10319
12.5°	31478	35445	37801	38886	37801	35445	31478	26862	21640	17166	13017
10°	39046	42786	45029	45425	45029	42786	39046	33585	26984	20654	15325
7.5°	44840	48953	51933	53015	51933	48953	44840	39653	32126	24727	17978
5°	49957	54774	57927	58326	57927	54774	49957	43747	36262	27770	20077
2.5°	53721	58957	62015	63066	62015	58957	53721	46822	38963	29632	21194
0°	55542	61182	64584	66114	64584	61182	55542	48368	40286	30505	21644
-2.5°	55159	60992	64789	66787	64789	60992	55159	48040	39761	29903	21368
-5°	53062	58912	62452	64575	62452	58912	53062	45702	37311	28064	20318
-7.5°	48226	53696	57465	59424	57465	53696	48226	41935	33263	25110	18761
-10°	41994	46623	50059	51728	50059	46623	41994	35408	28381	21725	16653
-12.5°	33895	38386	41485	42666	41485	38386	33895	28638	22858	18484	14531
-15°	25970	29397	31599	32296	31599	29397	25970	22201	18674	15325	12044
-17.5°	19694	21540	22778	23112	22778	21540	19694	17237	14863	12203	9541
-20°	14755	15898	16702	16892	16702	15898	14755	13103	11283	9114	7125

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REPORT NUMBER: P627344 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10751	11610	12259	12389	12259	11610	10751	9543	8049	6474	4962
-25°	7416	8135	8575	8608	8575	8135	7416	6433	5323	4354	3294
-27.5°	4649	5044	5248	5320	5248	5044	4649	4066	3325	2863	2307
-30°	2873	3055	3151	3154	3151	3055	2873	2607	2252	1979	1707
-32.5°	1950	2038	2086	2086	2086	2038	1950	1822	1653	1489	1340
-35°	1461	1506	1532	1535	1532	1506	1461	1394	1306	1207	1108
-37.5°	1175	1200	1213	1215	1213	1200	1175	1135	1080	1016	950
-40°	982	1000	1011	1018	1011	1000	982	957	922	881	836
-42.5°	850	861	866	862	866	861	850	834	811	782	751
-45°	757	764	768	770	768	764	757	747	730	708	684
-47.5°	683	686	688	690	688	686	683	677	664	646	624
-50°	625	628	628	627	628	628	625	620	612	595	577
-52.5°	578	579	580	580	580	579	578	576	570	553	534
-55°	540	541	542	543	542	541	540	537	532	516	499
-57.5°	507	511	511	509	511	511	507	503	497	483	466
-60°	473	477	479	479	479	477	473	467	461	447	431
-62.5°	426	430	433	433	433	430	426	421	414	402	388
-65°	373	376	382	387	382	376	373	368	362	353	341
-67.5°	323	326	331	336	331	326	323	319	314	306	295
-70°	280	284	286	286	286	284	280	276	271	264	254
-72.5°	239	243	244	244	244	243	239	235	230	224	215
-75°	197	201	202	202	202	201	197	193	189	184	177
-77.5°	156	159	160	160	160	159	156	152	149	144	139
-80°	118	121	120	118	120	121	118	115	112	108	103
-82.5°	81	84	82	80	82	84	81	78	76	73	70
-85°	49	50	48	46	48	50	49	47	46	44	43
-87.5°	20	21	19	17	19	21	20	19	17	16	16
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627344 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	1	1	0	0	0	0	0	0	0	0	0
62.5°	5	5	5	4	3	2	1	1	1	0	1
60°	21	14	19	19	16	10	11	9	4	4	3
57.5°	61	59	50	44	42	37	30	23	19	13	8
55°	93	87	79	70	62	57	52	44	37	28	21
52.5°	117	114	107	96	87	80	70	63	56	48	37
50°	162	154	144	133	121	110	100	87	75	67	57
47.5°	208	197	188	176	159	144	131	117	100	85	75
45°	253	237	223	210	193	175	161	144	126	108	92
42.5°	297	274	253	241	222	204	187	171	152	131	114
40°	352	319	297	280	261	233	217	199	178	155	136
37.5°	430	384	356	334	310	281	253	231	207	182	160
35°	535	477	426	392	366	330	296	267	239	212	185
32.5°	649	577	504	453	412	374	337	304	271	242	213
30°	816	699	597	514	461	416	374	337	301	268	240
27.5°	1078	861	723	598	514	459	413	369	330	294	263
25°	1511	1132	888	715	581	507	456	404	358	318	285
22.5°	2176	1587	1148	859	691	586	507	441	387	348	310
20°	3331	2214	1538	1125	857	678	570	489	428	379	335
17.5°	5130	3469	2048	1461	1080	825	654	545	470	409	361
15°	7204	4882	3053	1949	1333	946	730	599	513	443	386
12.5°	9302	6343	3925	2347	1547	1081	821	664	557	472	406
10°	10965	7648	4834	2920	1820	1220	899	712	586	495	424
7.5°	12675	8719	5600	3350	2047	1336	960	750	611	514	440
5°	13924	9588	6252	3687	2225	1425	1007	781	631	530	453
2.5°	14777	10182	6692	3894	2344	1488	1044	805	649	540	461
0°	15172	10463	6897	4041	2410	1526	1072	820	664	547	467
-2.5°	15080	10445	6772	3990	2413	1547	1082	824	669	554	472
-5°	14476	10071	6552	3884	2352	1536	1086	826	670	557	474
-7.5°	13633	9409	6056	3624	2228	1495	1078	825	668	559	476
-10°	12320	8377	5374	3271	2061	1423	1049	811	661	557	475
-12.5°	10701	7209	4571	2742	1831	1316	996	785	649	549	471
-15°	8810	5982	3827	2421	1643	1206	933	751	632	536	464
-17.5°	6942	4681	2939	1993	1450	1111	886	728	614	525	457
-20°	5102	3402	2371	1684	1262	997	825	695	593	514	451

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REPORT NUMBER: P627344 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3539	2569	1843	1382	1115	917	771	659	567	500	442
-25°	2549	1909	1477	1201	988	830	720	627	550	486	430
-27.5°	1873	1480	1243	1035	876	769	677	595	528	470	419
-30°	1443	1232	1052	899	797	709	636	568	507	452	407
-32.5°	1171	1040	905	810	728	659	597	538	483	436	392
-35°	996	897	809	736	671	614	559	509	462	418	375
-37.5°	871	793	732	673	622	572	526	483	440	397	359
-40°	778	717	667	621	578	537	498	459	418	377	342
-42.5°	707	660	614	576	539	507	473	436	398	360	327
-45°	649	609	569	538	508	478	449	414	378	344	313
-47.5°	599	566	535	504	476	450	423	392	360	328	296
-50°	555	527	498	471	448	424	398	371	340	309	279
-52.5°	513	491	469	446	423	399	374	347	317	290	264
-55°	480	461	440	418	396	374	350	323	297	273	246
-57.5°	448	429	411	392	375	351	326	302	276	251	225
-60°	414	398	380	362	345	325	300	275	252	228	204
-62.5°	373	358	342	326	309	291	268	246	225	205	183
-65°	327	313	299	285	269	250	231	214	198	181	161
-67.5°	284	271	258	243	228	213	198	184	170	154	136
-70°	243	233	220	207	194	180	167	154	140	127	113
-72.5°	206	197	186	175	162	150	139	127	115	103	92
-75°	169	162	153	143	133	123	113	103	94	84	75
-77.5°	133	127	120	112	104	97	90	82	74	66	58
-80°	99	94	89	84	78	72	66	60	54	48	42
-82.5°	68	66	63	58	54	49	45	40	36	32	28
-85°	41	39	37	34	32	29	26	23	20	18	15
-87.5°	16	16	15	14	13	12	10	9	8	7	6
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P627344 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	0	0	0	0	0	0	1	0	0	0
60°	2	2	1	1	1	0	0	1	1	0	0
57.5°	7	5	3	2	2	1	1	1	2	1	0
55°	14	10	6	4	3	3	1	2	3	2	0
52.5°	27	18	12	7	4	4	3	2	3	3	1
50°	43	31	21	13	6	5	4	3	3	4	2
47.5°	64	47	32	22	13	6	6	4	3	4	3
45°	81	66	46	32	21	12	8	4	4	4	4
42.5°	98	84	65	42	30	19	11	7	4	4	4
40°	119	100	82	59	40	25	16	10	4	4	4
37.5°	140	119	98	75	52	35	22	14	6	5	4
35°	161	139	114	90	65	45	27	18	10	6	4
32.5°	182	157	130	104	78	55	34	23	14	8	4
30°	206	174	145	118	89	65	43	28	18	9	4
27.5°	229	190	159	131	101	75	53	33	21	12	6
25°	251	209	173	142	113	85	61	39	25	15	7
22.5°	271	229	187	153	126	95	70	47	30	18	9
20°	292	247	201	168	138	106	78	54	35	20	11
17.5°	313	266	220	183	150	116	86	61	39	23	12
15°	333	284	237	197	161	126	94	67	44	25	14
12.5°	351	300	252	210	172	134	101	72	49	28	16
10°	367	315	265	222	183	142	107	77	53	30	18
7.5°	381	328	277	233	192	149	113	81	57	32	20
5°	392	338	286	241	200	157	118	86	61	34	22
2.5°	399	345	293	247	206	163	123	89	64	36	24
0°	404	349	299	252	210	168	126	92	67	38	25
-2.5°	408	353	304	258	215	174	130	95	70	42	26
-5°	411	356	308	261	219	178	133	97	72	45	26
-7.5°	413	359	311	264	222	181	135	99	73	48	26
-10°	413	361	314	267	224	183	137	100	74	50	27
-12.5°	412	362	315	268	225	184	140	102	76	51	27
-15°	408	361	314	267	225	184	141	104	77	52	27
-17.5°	404	359	312	265	224	183	142	105	77	51	28
-20°	399	355	308	261	222	182	142	105	77	50	29

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REPORT NUMBER: P627344 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	393	348	302	257	219	181	141	104	76	49	30
-25°	385	340	296	254	216	179	139	101	74	48	31
-27.5°	375	331	289	249	212	175	135	99	72	46	31
-30°	363	322	282	244	207	170	130	96	70	46	31
-32.5°	350	313	275	237	200	164	124	92	67	46	31
-35°	338	303	266	228	193	157	118	87	64	45	31
-37.5°	324	291	255	218	185	149	115	85	62	44	30
-40°	311	278	241	209	176	141	110	83	60	43	29
-42.5°	297	263	231	199	167	135	105	80	58	41	28
-45°	281	249	220	189	158	129	101	76	55	40	27
-47.5°	265	238	208	178	150	122	95	72	52	38	25
-50°	253	225	195	166	140	115	89	67	49	36	24
-52.5°	237	208	180	154	130	106	82	61	46	33	22
-55°	219	191	165	142	119	96	74	57	43	31	20
-57.5°	199	173	150	129	107	85	67	52	39	28	18
-60°	179	157	137	115	94	76	60	46	35	25	17
-62.5°	161	141	121	100	83	67	53	41	31	22	15
-65°	141	122	103	87	72	58	47	36	27	20	13
-67.5°	118	103	88	73	61	50	40	32	24	17	12
-70°	99	85	73	61	50	41	34	27	21	15	11
-72.5°	81	70	59	48	41	35	29	23	17	13	10
-75°	65	56	47	40	34	28	23	18	14	10	8
-77.5°	50	43	36	31	27	22	18	14	11	8	7
-80°	37	32	28	24	20	16	13	10	8	6	5
-82.5°	24	22	20	17	14	11	9	6	5	4	4
-85°	14	13	11	10	8	6	5	4	3	3	3
-87.5°	6	5	5	5	4	3	2	2	2	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: P627344 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	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°	2	1	0	0	0	0	0
45°	2	1	0	0	0	0	0
42.5°	3	2	0	0	0	0	0
40°	3	2	0	0	0	0	0
37.5°	4	3	1	0	0	0	0
35°	4	3	1	0	0	0	0
32.5°	4	4	1	0	0	0	0
30°	4	4	2	0	0	0	0
27.5°	4	4	2	0	0	0	0
25°	4	4	3	0	0	0	0
22.5°	4	4	3	0	0	0	0
20°	4	4	3	0	0	0	0
17.5°	4	4	3	0	0	0	0
15°	5	4	4	0	0	0	0
12.5°	5	4	4	0	0	0	0
10°	6	4	4	0	0	0	0
7.5°	7	4	4	0	0	0	0
5°	7	4	4	0	0	0	0
2.5°	8	4	4	0	0	0	0
0°	8	4	4	0	0	0	0
-2.5°	10	5	4	0	0	0	0
-5°	12	5	4	1	0	0	0
-7.5°	13	6	4	1	0	0	0
-10°	14	6	4	1	0	0	0
-12.5°	15	6	4	1	0	0	0
-15°	16	6	4	1	0	0	0
-17.5°	17	7	4	2	0	0	0
-20°	17	7	4	2	0	0	0

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CATALOG NUMBER: GFLD-SA4B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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