

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: P627064 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627064 (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-722-U-MR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

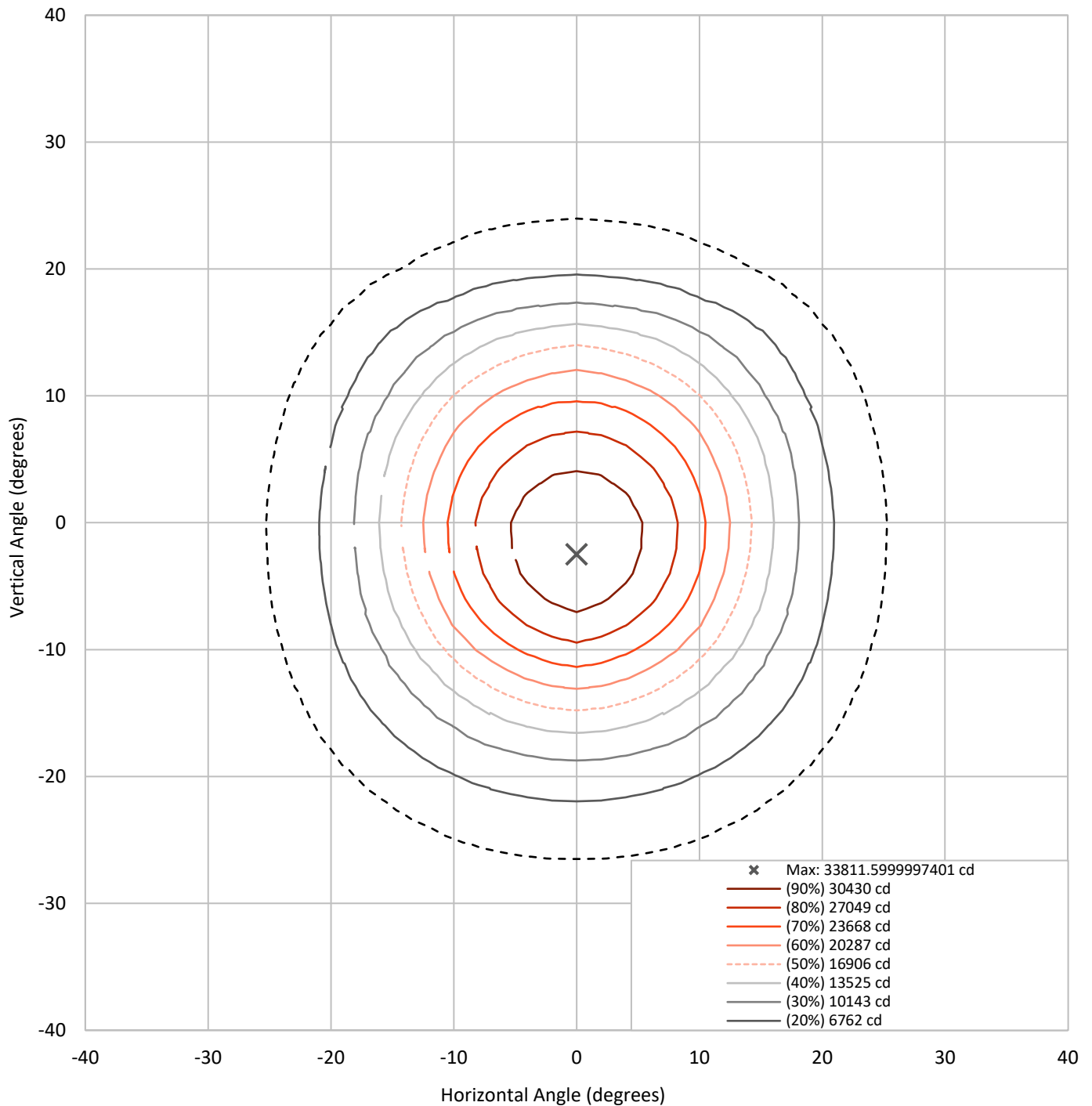
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	9589.7 lumens	Max Intensity:	33811.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	102.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	4795 lumens	Field Lumens:	8239.4 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		



REPORT NUMBER: P627064 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-MR-VSR-XX

Iso-Candela Plot





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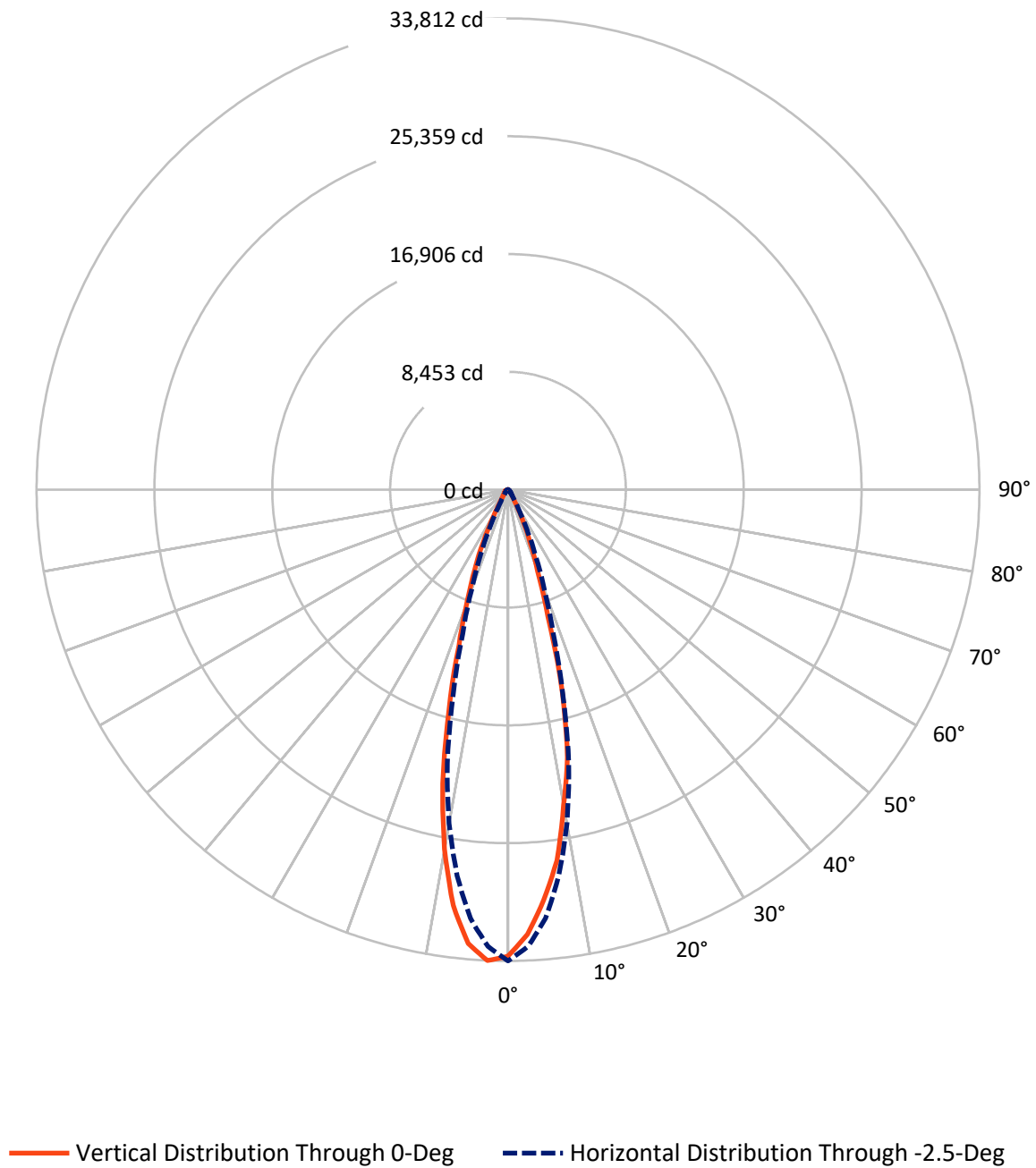
CATALOG NUMBER: GFLD-SA3B-722-U-MR-VSR-XX

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	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.3	0.7	1.1	1.5	1.8	1.8	1.5	1.1	0.7	0.3	0.1	0.0				
40	0.0	0.0	0.3	1.0	2.0	3.1	4.4	5.1	5.1	4.4	3.1	2.0	1.0	0.3	0.0				
30		0.1	0.8	2.1	3.8	6.2	10.3	13.8	13.8	10.3	6.2	3.8	2.1	0.8	0.1				
20	0.1	0.3	1.3	3.1	6.0	14.5	45.5	83.5	83.5	45.5	14.5	6.0	3.1	1.3	0.3				
10		0.5	1.8	4.3	10.2	50.0	203.1	397.6	397.6	203.1	50.0	10.2	4.3	1.8	0.5				
0	0.1	0.6	2.2	5.1	14.6	95.2	410.1	803.8	803.8	410.1	95.2	14.6	5.1	2.2	0.6				
-10		0.7	2.4	5.4	15.6	99.7	420.8	852.3	852.3	420.8	99.7	15.6	5.4	2.4	0.7				
-20	0.2	0.7	2.4	5.2	12.9	61.2	232.7	451.0	451.0	232.7	61.2	12.9	5.2	2.4	0.7				
-30		0.7	2.3	4.8	9.4	23.8	72.1	128.6	128.6	72.1	23.8	9.4	4.8	2.3	0.7				
-40	0.2	0.6	2.0	4.1	7.2	11.7	19.2	25.6	25.6	19.2	11.7	7.2	4.1	2.0	0.6				
-50		0.5	1.7	3.4	5.6	8.1	10.6	11.9	11.9	10.6	8.1	5.6	3.4	1.7	0.5				
-60	0.1	0.4	1.3	2.7	4.4	6.1	7.7	8.4	8.4	7.7	6.1	4.4	2.7	1.3	0.4				
-70		0.3	0.8	1.7	2.9	4.2	5.2	5.8	5.8	5.2	4.2	2.9	1.7	0.8	0.3				
-80	0.0	0.6	2.8	6.1	7.7	6.1	2.8	0.6	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

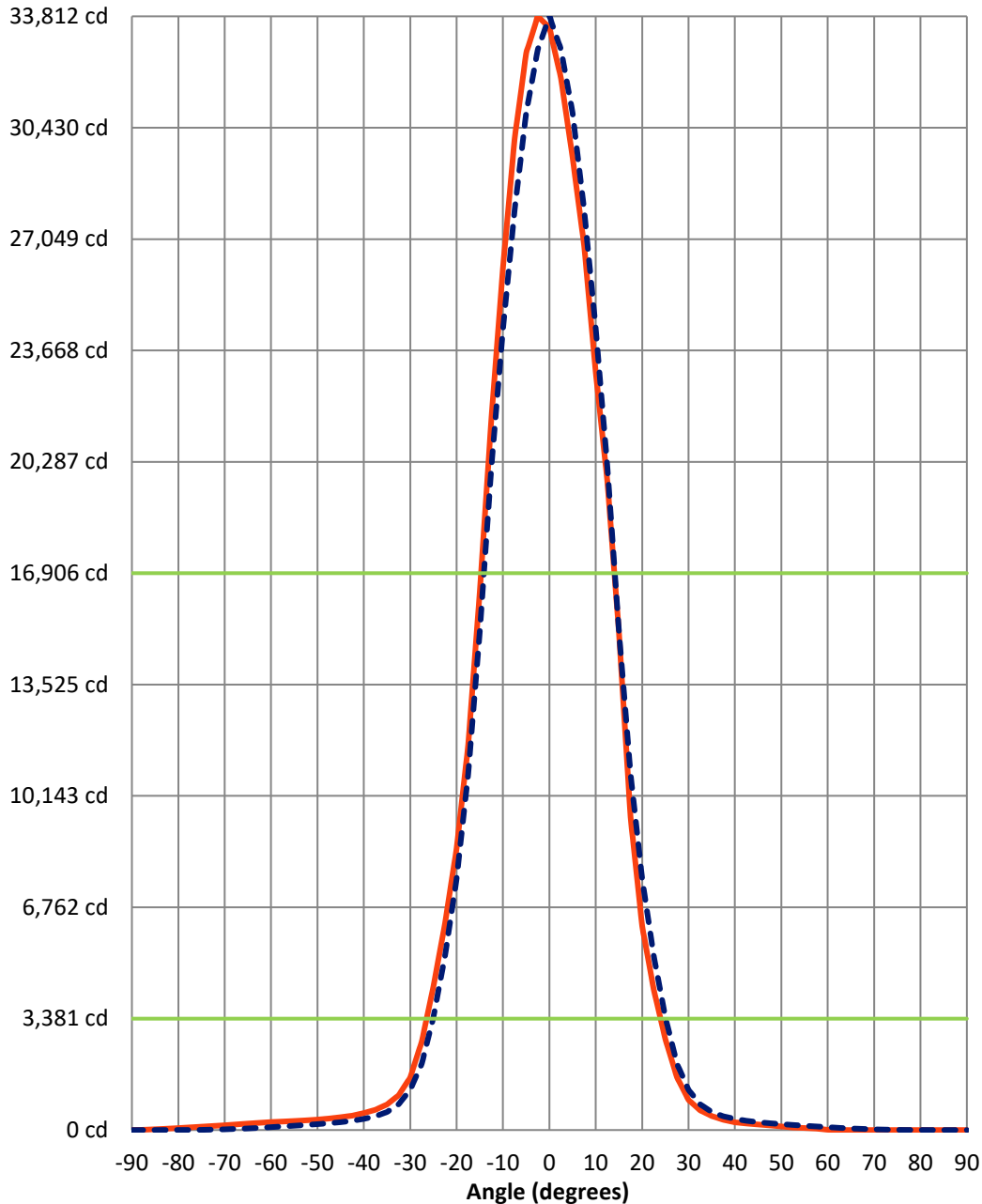
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 4795
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 8239.4
 Efficiency: 85.9%

Spill:
 Lumens: 1350.4
 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	0	1
57.5°	0	0	0	0	0	0	0	0	0	1	1
55°	0	0	0	0	0	0	0	0	1	1	1
52.5°	0	0	0	0	0	0	0	1	2	1	1
50°	0	0	0	0	0	0	1	1	2	2	1
47.5°	0	0	0	0	0	0	1	2	2	2	2
45°	0	0	0	0	0	1	1	2	2	2	2
42.5°	0	0	0	0	0	1	1	2	2	2	3
40°	0	0	0	0	0	1	2	2	2	2	5
37.5°	0	0	0	0	0	1	2	2	3	3	7
35°	0	0	0	0	1	2	2	2	3	5	9
32.5°	0	0	0	0	1	2	2	2	4	7	12
30°	0	0	0	0	1	2	2	2	5	9	14
27.5°	0	0	0	0	1	2	2	3	6	11	17
25°	0	0	0	0	1	2	2	4	8	13	20
22.5°	0	0	0	0	1	2	2	4	9	15	24
20°	0	0	0	0	2	2	2	5	10	18	27
17.5°	0	0	0	0	2	2	2	6	12	20	31
15°	0	0	0	0	2	2	2	7	13	22	34
12.5°	0	0	0	0	2	2	3	8	14	25	36
10°	0	0	0	0	2	2	3	9	15	27	39
7.5°	0	0	0	0	2	2	3	10	16	29	41
5°	0	0	0	0	2	2	4	11	17	31	43
2.5°	0	0	0	0	2	2	4	12	18	33	45
0°	0	0	0	0	2	2	4	13	19	34	47
-2.5°	0	0	0	0	2	2	5	13	21	35	48
-5°	0	0	0	0	2	3	6	13	23	36	49
-7.5°	0	0	0	0	2	3	7	13	24	37	50
-10°	0	0	0	1	2	3	7	13	25	38	51
-12.5°	0	0	0	1	2	3	8	14	26	38	52
-15°	0	0	0	1	2	3	8	14	26	39	53
-17.5°	0	0	0	1	2	3	8	14	26	39	53
-20°	0	0	0	1	2	3	9	15	25	39	53

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REPORT NUMBER: P627064 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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	2	3	9	15	25	38	52
-25°	0	0	0	1	2	4	9	16	24	38	51
-27.5°	0	0	0	1	2	4	9	16	23	36	50
-30°	0	0	0	1	2	4	9	16	23	35	48
-32.5°	0	0	0	1	2	4	9	16	23	34	47
-35°	0	0	0	1	3	4	9	15	23	33	44
-37.5°	0	0	0	1	3	4	9	15	22	31	43
-40°	0	0	0	1	3	5	9	15	22	30	42
-42.5°	0	0	0	0	3	5	8	14	21	29	40
-45°	0	0	0	0	3	5	8	13	20	28	38
-47.5°	0	0	0	0	2	5	7	13	19	26	36
-50°	0	0	0	0	2	4	7	12	18	25	34
-52.5°	0	0	0	0	2	4	7	11	17	23	31
-55°	0	0	0	0	2	4	7	10	16	22	29
-57.5°	0	0	0	0	2	4	6	9	14	20	26
-60°	0	0	0	0	2	4	6	9	12	18	24
-62.5°	0	0	0	0	2	3	5	8	11	16	21
-65°	0	0	0	0	1	3	5	7	10	14	18
-67.5°	0	0	0	0	1	3	4	6	9	12	16
-70°	0	0	0	0	1	2	4	6	8	10	14
-72.5°	0	0	0	0	1	2	4	5	7	9	12
-75°	0	0	0	0	1	2	3	4	5	7	9
-77.5°	0	0	0	0	1	2	3	3	4	5	7
-80°	0	0	0	0	1	1	2	3	3	4	5
-82.5°	0	0	0	0	1	1	2	2	2	3	3
-85°	0	0	0	0	0	1	1	1	1	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



REPORT NUMBER: P627064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-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	0	0	1	1
60°	0	0	0	1	0	1	1	2	2	2	4
57.5°	0	0	1	1	1	2	3	4	7	10	12
55°	1	1	2	2	3	5	7	11	14	19	22
52.5°	1	2	2	3	6	9	14	19	24	28	32
50°	2	2	3	7	11	15	22	29	34	38	44
47.5°	3	3	6	11	16	24	32	38	43	51	59
45°	4	6	10	16	23	33	41	47	55	64	73
42.5°	6	10	15	21	33	42	50	58	67	77	86
40°	8	13	20	30	42	51	60	69	78	90	101
37.5°	11	18	26	38	50	60	71	81	92	105	117
35°	13	23	33	45	58	70	82	93	107	121	135
32.5°	17	28	39	53	66	79	92	108	122	137	154
30°	22	33	45	60	73	88	104	121	136	153	171
27.5°	27	38	51	66	80	96	116	133	149	167	187
25°	31	43	57	72	88	106	127	144	161	181	205
22.5°	35	48	64	77	95	116	137	157	176	196	223
20°	40	54	70	85	102	125	148	170	192	217	247
17.5°	44	59	76	93	111	135	158	183	207	238	276
15°	47	64	82	100	120	144	169	195	224	260	303
12.5°	51	68	87	106	128	152	178	206	239	282	336
10°	54	72	93	112	134	159	186	215	251	297	360
7.5°	57	76	97	118	140	166	193	223	260	309	380
5°	60	79	101	122	145	171	198	229	268	319	395
2.5°	62	82	104	125	148	174	202	234	273	329	407
0°	64	85	106	128	151	177	204	236	277	336	415
-2.5°	66	88	109	130	154	179	207	239	280	339	417
-5°	67	90	111	132	156	180	208	240	282	339	418
-7.5°	69	92	112	134	158	182	209	241	283	338	418
-10°	69	93	113	135	159	183	209	241	282	335	411
-12.5°	71	93	114	136	159	183	208	239	278	328	398
-15°	71	93	114	135	159	183	207	235	272	320	380
-17.5°	72	93	113	134	158	182	204	231	266	311	368
-20°	72	92	112	132	156	180	202	228	260	300	352

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REPORT NUMBER: P627064 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	71	92	111	130	153	176	199	224	253	287	333
-25°	70	90	109	129	150	172	195	218	246	278	318
-27.5°	68	89	107	126	146	167	190	212	238	267	301
-30°	66	86	105	123	143	163	184	206	229	256	287
-32.5°	63	83	101	120	139	158	177	198	221	245	272
-35°	60	79	98	115	135	153	171	190	212	234	257
-37.5°	58	75	94	110	129	147	164	182	201	223	244
-40°	56	71	89	106	122	141	157	173	191	212	232
-42.5°	53	68	85	101	117	133	150	166	182	201	221
-45°	51	65	80	96	111	126	142	158	174	191	210
-47.5°	48	62	76	90	105	120	134	150	166	182	198
-50°	45	58	71	84	99	114	128	141	156	172	188
-52.5°	42	54	66	78	91	105	120	134	147	161	176
-55°	37	49	60	72	83	97	111	124	138	151	164
-57.5°	34	43	54	65	76	87	101	114	127	140	153
-60°	30	38	48	58	69	80	91	103	115	128	139
-62.5°	27	34	42	51	61	71	82	92	104	114	124
-65°	24	29	36	44	52	62	71	82	92	100	108
-67.5°	20	25	31	37	44	52	60	69	78	86	93
-70°	17	21	26	31	37	43	50	57	64	71	78
-72.5°	15	18	21	24	30	35	41	46	52	58	64
-75°	12	14	17	20	24	28	33	38	43	47	52
-77.5°	9	11	14	16	18	22	26	29	33	37	41
-80°	7	8	10	12	14	16	19	21	24	27	30
-82.5°	4	6	7	9	10	11	12	14	16	18	20
-85°	2	3	4	5	6	6	7	8	9	10	12
-87.5°	1	2	2	2	3	3	3	3	4	4	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-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	0	1	0	0	0	0
62.5°	1	1	2	2	2	3	3	3	3	3	3
60°	5	5	8	10	9	7	10	12	12	10	10
57.5°	15	19	21	22	25	30	31	30	31	32	36
55°	26	29	31	35	40	44	47	49	52	54	58
52.5°	36	40	44	48	54	58	59	65	70	74	77
50°	51	56	61	67	73	78	82	88	95	102	107
47.5°	66	73	80	89	95	100	105	114	123	132	137
45°	81	89	98	106	113	120	128	138	148	157	163
42.5°	94	103	113	122	128	139	150	161	173	184	192
40°	110	118	132	142	150	161	178	193	208	221	230
37.5°	128	142	157	169	180	194	218	241	259	277	290
35°	150	167	186	199	215	242	271	302	334	360	382
32.5°	171	190	208	229	255	292	329	379	426	475	520
30°	189	211	234	260	302	354	413	491	575	659	755
27.5°	209	232	260	303	366	436	546	668	842	983	1209
25°	231	257	294	362	450	573	765	983	1344	1651	1999
22.5°	257	297	350	435	581	803	1102	1577	2130	2644	3135
20°	289	343	434	569	779	1121	1686	2407	3177	3929	4657
17.5°	331	418	547	740	1037	1756	2597	3627	4945	5935	6874
15°	370	479	675	987	1546	2472	3647	5224	6999	8491	10179
12.5°	415	547	783	1188	1987	3211	4709	6590	8690	10955	13599
10°	455	618	921	1478	2447	3872	5551	7758	10456	13661	17002
7.5°	486	676	1036	1696	2835	4414	6417	9102	12518	16264	20075
5°	510	721	1127	1867	3165	4854	7049	10164	14059	18358	22148
2.5°	528	753	1187	1971	3388	5155	7481	10729	15001	19725	23704
0°	543	773	1220	2046	3491	5297	7681	10958	15443	20395	24487
-2.5°	548	783	1222	2020	3428	5288	7634	10818	15138	20129	24321
-5°	550	778	1191	1966	3317	5098	7329	10286	14208	18889	23137
-7.5°	546	757	1128	1835	3066	4764	6902	9498	12712	16840	21230
-10°	531	721	1044	1656	2721	4241	6237	8431	10999	14368	17926
-12.5°	504	666	927	1388	2314	3650	5417	7356	9358	11572	14498
-15°	473	611	832	1226	1938	3028	4460	6098	7758	9454	11239
-17.5°	448	562	734	1009	1488	2370	3514	4830	6178	7524	8727
-20°	418	505	639	853	1200	1722	2583	3607	4614	5712	6633

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627064 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	390	464	565	699	933	1301	1791	2512	3277	4075	4831
-25°	365	420	500	608	748	966	1291	1667	2204	2695	3257
-27.5°	343	390	444	524	629	749	948	1168	1450	1684	2059
-30°	322	359	404	455	533	624	731	864	1002	1140	1320
-32.5°	302	333	368	410	458	526	593	678	754	837	922
-35°	283	311	340	372	409	454	504	561	611	661	706
-37.5°	266	289	315	341	370	402	441	481	514	547	575
-40°	252	272	292	314	338	363	394	423	446	467	485
-42.5°	239	257	273	291	311	334	358	380	396	411	422
-45°	227	242	257	272	288	309	329	346	359	370	378
-47.5°	214	228	241	255	271	287	303	316	327	336	343
-50°	202	215	227	238	252	267	281	292	301	310	314
-52.5°	189	202	214	226	237	248	259	270	280	288	291
-55°	177	190	201	212	223	233	243	252	261	269	272
-57.5°	165	178	190	199	208	217	227	236	244	252	255
-60°	152	165	175	183	192	201	210	218	226	233	237
-62.5°	136	147	157	165	173	181	189	196	204	210	213
-65°	117	127	136	144	152	159	166	172	179	183	186
-67.5°	100	108	115	123	130	137	144	150	155	159	162
-70°	85	91	98	105	112	118	123	129	133	137	140
-72.5°	70	76	82	88	94	100	104	109	113	116	119
-75°	57	62	67	72	78	82	86	89	93	96	98
-77.5°	45	49	53	57	61	64	67	70	73	75	77
-80°	34	37	40	42	45	48	50	52	55	57	58
-82.5°	23	25	27	30	32	33	35	36	37	38	40
-85°	13	15	16	17	19	20	21	22	22	23	24
-87.5°	5	6	6	7	8	8	8	8	8	9	9
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627064 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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	0
62.5°	3	2	2	2	2	2	3	3	3	3	3
60°	9	9	8	9	8	9	9	10	10	12	12
57.5°	40	43	44	45	44	43	40	36	32	31	30
55°	60	62	63	62	63	62	60	58	54	52	49
52.5°	78	78	78	77	78	78	78	77	74	70	65
50°	108	108	108	109	108	108	108	107	102	95	88
47.5°	139	141	141	141	141	141	139	137	132	123	114
45°	166	168	169	168	169	168	166	163	157	148	138
42.5°	195	197	197	198	197	197	195	192	184	173	161
40°	234	235	235	234	235	235	234	230	221	208	193
37.5°	299	303	305	311	305	303	299	290	277	259	241
35°	400	411	417	426	417	411	400	382	360	334	302
32.5°	552	575	586	598	586	575	552	520	475	426	379
30°	821	865	883	915	883	865	821	755	659	575	491
27.5°	1374	1479	1520	1605	1520	1479	1374	1209	983	842	668
25°	2315	2540	2663	2761	2663	2540	2315	1999	1651	1344	983
22.5°	3630	3959	4134	4264	4134	3959	3630	3135	2644	2130	1577
20°	5316	5750	6009	6197	6009	5750	5316	4657	3929	3177	2407
17.5°	8079	8762	9161	9504	9161	8762	8079	6874	5935	4945	3627
15°	12062	13433	14499	15092	14499	13433	12062	10179	8491	6999	5224
12.5°	15936	17944	19137	19686	19137	17944	15936	13599	10955	8690	6590
10°	19767	21661	22796	22997	22796	21661	19767	17002	13661	10456	7758
7.5°	22701	24783	26291	26839	26291	24783	22701	20075	16264	12518	9102
5°	25291	27730	29326	29528	29326	27730	25291	22148	18358	14059	10164
2.5°	27197	29848	31395	31928	31395	29848	27197	23704	19725	15001	10729
0°	28119	30974	32696	33471	32696	30974	28119	24487	20395	15443	10958
-2.5°	27925	30878	32800	33812	32800	30878	27925	24321	20129	15138	10818
-5°	26863	29825	31617	32692	31617	29825	26863	23137	18889	14208	10286
-7.5°	24415	27184	29092	30084	29092	27184	24415	21230	16840	12712	9498
-10°	21260	23603	25343	26188	25343	23603	21260	17926	14368	10999	8431
-12.5°	17160	19433	21002	21600	21002	19433	17160	14498	11572	9358	7356
-15°	13147	14883	15997	16350	15997	14883	13147	11239	9454	7758	6098
-17.5°	9970	10905	11532	11701	11532	10905	9970	8727	7524	6178	4830
-20°	7470	8049	8456	8552	8456	8049	7470	6633	5712	4614	3607

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REPORT NUMBER: P627064 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	5443	5878	6206	6272	6206	5878	5443	4831	4075	3277	2512
-25°	3754	4118	4341	4358	4341	4118	3754	3257	2695	2204	1667
-27.5°	2354	2554	2657	2693	2657	2554	2354	2059	1684	1450	1168
-30°	1454	1547	1595	1597	1595	1547	1454	1320	1140	1002	864
-32.5°	987	1032	1056	1056	1056	1032	987	922	837	754	678
-35°	740	763	776	777	776	763	740	706	661	611	561
-37.5°	595	607	614	615	614	607	595	575	547	514	481
-40°	497	506	512	515	512	506	497	485	467	446	423
-42.5°	430	436	438	436	438	436	430	422	411	396	380
-45°	383	387	389	390	389	387	383	378	370	359	346
-47.5°	346	347	348	349	348	347	346	343	336	327	316
-50°	316	318	318	317	318	318	316	314	310	301	292
-52.5°	293	293	293	294	293	293	293	291	288	280	270
-55°	273	274	274	275	274	274	273	272	269	261	252
-57.5°	257	259	259	258	259	259	257	255	252	244	236
-60°	239	241	242	243	242	241	239	237	233	226	218
-62.5°	216	218	219	219	219	218	216	213	210	204	196
-65°	189	190	193	196	193	190	189	186	183	179	172
-67.5°	164	165	168	170	168	165	164	162	159	155	150
-70°	142	144	145	145	145	144	142	140	137	133	129
-72.5°	121	123	123	124	123	123	121	119	116	113	109
-75°	100	102	102	102	102	102	100	98	96	93	89
-77.5°	79	80	81	81	81	80	79	77	75	73	70
-80°	60	61	61	60	61	61	60	58	57	55	52
-82.5°	41	42	41	40	41	42	41	40	38	37	36
-85°	25	25	24	23	24	25	25	24	23	22	22
-87.5°	10	11	10	9	10	11	10	9	9	8	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-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	0	0	0	0	0	0	0	0	0	0
62.5°	3	3	2	2	2	1	1	1	1	0	0
60°	10	7	9	10	8	5	5	4	2	2	2
57.5°	31	30	25	22	21	19	15	12	10	7	4
55°	47	44	40	35	31	29	26	22	19	14	11
52.5°	59	58	54	48	44	40	36	32	28	24	19
50°	82	78	73	67	61	56	51	44	38	34	29
47.5°	105	100	95	89	80	73	66	59	51	43	38
45°	128	120	113	106	98	89	81	73	64	55	47
42.5°	150	139	128	122	113	103	94	86	77	67	58
40°	178	161	150	142	132	118	110	101	90	78	69
37.5°	218	194	180	169	157	142	128	117	105	92	81
35°	271	242	215	199	186	167	150	135	121	107	93
32.5°	329	292	255	229	208	190	171	154	137	122	108
30°	413	354	302	260	234	211	189	171	153	136	121
27.5°	546	436	366	303	260	232	209	187	167	149	133
25°	765	573	450	362	294	257	231	205	181	161	144
22.5°	1102	803	581	435	350	297	257	223	196	176	157
20°	1686	1121	779	569	434	343	289	247	217	192	170
17.5°	2597	1756	1037	740	547	418	331	276	238	207	183
15°	3647	2472	1546	987	675	479	370	303	260	224	195
12.5°	4709	3211	1987	1188	783	547	415	336	282	239	206
10°	5551	3872	2447	1478	921	618	455	360	297	251	215
7.5°	6417	4414	2835	1696	1036	676	486	380	309	260	223
5°	7049	4854	3165	1867	1127	721	510	395	319	268	229
2.5°	7481	5155	3388	1971	1187	753	528	407	329	273	234
0°	7681	5297	3491	2046	1220	773	543	415	336	277	236
-2.5°	7634	5288	3428	2020	1222	783	548	417	339	280	239
-5°	7329	5098	3317	1966	1191	778	550	418	339	282	240
-7.5°	6902	4764	3066	1835	1128	757	546	418	338	283	241
-10°	6237	4241	2721	1656	1044	721	531	411	335	282	241
-12.5°	5417	3650	2314	1388	927	666	504	398	328	278	239
-15°	4460	3028	1938	1226	832	611	473	380	320	272	235
-17.5°	3514	2370	1488	1009	734	562	448	368	311	266	231
-20°	2583	1722	1200	853	639	505	418	352	300	260	228

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REPORT NUMBER: P627064 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	1791	1301	933	699	565	464	390	333	287	253	224
-25°	1291	966	748	608	500	420	365	318	278	246	218
-27.5°	948	749	629	524	444	390	343	301	267	238	212
-30°	731	624	533	455	404	359	322	287	256	229	206
-32.5°	593	526	458	410	368	333	302	272	245	221	198
-35°	504	454	409	372	340	311	283	257	234	212	190
-37.5°	441	402	370	341	315	289	266	244	223	201	182
-40°	394	363	338	314	292	272	252	232	212	191	173
-42.5°	358	334	311	291	273	257	239	221	201	182	166
-45°	329	309	288	272	257	242	227	210	191	174	158
-47.5°	303	287	271	255	241	228	214	198	182	166	150
-50°	281	267	252	238	227	215	202	188	172	156	141
-52.5°	259	248	237	226	214	202	189	176	161	147	134
-55°	243	233	223	212	201	190	177	164	151	138	124
-57.5°	227	217	208	199	190	178	165	153	140	127	114
-60°	210	201	192	183	175	165	152	139	128	115	103
-62.5°	189	181	173	165	157	147	136	124	114	104	92
-65°	166	159	152	144	136	127	117	108	100	92	82
-67.5°	144	137	130	123	115	108	100	93	86	78	69
-70°	123	118	112	105	98	91	85	78	71	64	57
-72.5°	104	100	94	88	82	76	70	64	58	52	46
-75°	86	82	78	72	67	62	57	52	47	43	38
-77.5°	67	64	61	57	53	49	45	41	37	33	29
-80°	50	48	45	42	40	37	34	30	27	24	21
-82.5°	35	33	32	30	27	25	23	20	18	16	14
-85°	21	20	19	17	16	15	13	12	10	9	8
-87.5°	8	8	8	7	6	6	5	5	4	4	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627064 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-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°	1	1	0	1	0	0	0	1	0	0	0
57.5°	3	2	1	1	1	0	0	1	1	0	0
55°	7	5	3	2	2	1	1	1	1	1	0
52.5°	14	9	6	3	2	2	1	1	1	2	1
50°	22	15	11	7	3	2	2	1	2	2	1
47.5°	32	24	16	11	6	3	3	2	2	2	2
45°	41	33	23	16	10	6	4	2	2	2	2
42.5°	50	42	33	21	15	10	6	3	2	2	2
40°	60	51	42	30	20	13	8	5	2	2	2
37.5°	71	60	50	38	26	18	11	7	3	3	2
35°	82	70	58	45	33	23	13	9	5	3	2
32.5°	92	79	66	53	39	28	17	12	7	4	2
30°	104	88	73	60	45	33	22	14	9	5	2
27.5°	116	96	80	66	51	38	27	17	11	6	3
25°	127	106	88	72	57	43	31	20	13	8	4
22.5°	137	116	95	77	64	48	35	24	15	9	4
20°	148	125	102	85	70	54	40	27	18	10	5
17.5°	158	135	111	93	76	59	44	31	20	12	6
15°	169	144	120	100	82	64	47	34	22	13	7
12.5°	178	152	128	106	87	68	51	36	25	14	8
10°	186	159	134	112	93	72	54	39	27	15	9
7.5°	193	166	140	118	97	76	57	41	29	16	10
5°	198	171	145	122	101	79	60	43	31	17	11
2.5°	202	174	148	125	104	82	62	45	33	18	12
0°	204	177	151	128	106	85	64	47	34	19	13
-2.5°	207	179	154	130	109	88	66	48	35	21	13
-5°	208	180	156	132	111	90	67	49	36	23	13
-7.5°	209	182	158	134	112	92	69	50	37	24	13
-10°	209	183	159	135	113	93	69	51	38	25	13
-12.5°	208	183	159	136	114	93	71	52	38	26	14
-15°	207	183	159	135	114	93	71	53	39	26	14
-17.5°	204	182	158	134	113	93	72	53	39	26	14
-20°	202	180	156	132	112	92	72	53	39	25	15

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REPORT NUMBER: P627064 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	199	176	153	130	111	92	71	52	38	25	15
-25°	195	172	150	129	109	90	70	51	38	24	16
-27.5°	190	167	146	126	107	89	68	50	36	23	16
-30°	184	163	143	123	105	86	66	48	35	23	16
-32.5°	177	158	139	120	101	83	63	47	34	23	16
-35°	171	153	135	115	98	79	60	44	33	23	15
-37.5°	164	147	129	110	94	75	58	43	31	22	15
-40°	157	141	122	106	89	71	56	42	30	22	15
-42.5°	150	133	117	101	85	68	53	40	29	21	14
-45°	142	126	111	96	80	65	51	38	28	20	13
-47.5°	134	120	105	90	76	62	48	36	26	19	13
-50°	128	114	99	84	71	58	45	34	25	18	12
-52.5°	120	105	91	78	66	54	42	31	23	17	11
-55°	111	97	83	72	60	49	37	29	22	16	10
-57.5°	101	87	76	65	54	43	34	26	20	14	9
-60°	91	80	69	58	48	38	30	24	18	12	9
-62.5°	82	71	61	51	42	34	27	21	16	11	8
-65°	71	62	52	44	36	29	24	18	14	10	7
-67.5°	60	52	44	37	31	25	20	16	12	9	6
-70°	50	43	37	31	26	21	17	14	10	8	6
-72.5°	41	35	30	24	21	18	15	12	9	7	5
-75°	33	28	24	20	17	14	12	9	7	5	4
-77.5°	26	22	18	16	14	11	9	7	5	4	3
-80°	19	16	14	12	10	8	7	5	4	3	3
-82.5°	12	11	10	9	7	6	4	3	3	2	2
-85°	7	6	6	5	4	3	2	2	2	1	1
-87.5°	3	3	3	2	2	2	1	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: P627064 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	0	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	1	0	0	0	0	0	0
45°	1	1	0	0	0	0	0
42.5°	1	1	0	0	0	0	0
40°	2	1	0	0	0	0	0
37.5°	2	1	0	0	0	0	0
35°	2	2	1	0	0	0	0
32.5°	2	2	1	0	0	0	0
30°	2	2	1	0	0	0	0
27.5°	2	2	1	0	0	0	0
25°	2	2	1	0	0	0	0
22.5°	2	2	1	0	0	0	0
20°	2	2	2	0	0	0	0
17.5°	2	2	2	0	0	0	0
15°	2	2	2	0	0	0	0
12.5°	3	2	2	0	0	0	0
10°	3	2	2	0	0	0	0
7.5°	3	2	2	0	0	0	0
5°	4	2	2	0	0	0	0
2.5°	4	2	2	0	0	0	0
0°	4	2	2	0	0	0	0
-2.5°	5	2	2	0	0	0	0
-5°	6	3	2	0	0	0	0
-7.5°	7	3	2	0	0	0	0
-10°	7	3	2	1	0	0	0
-12.5°	8	3	2	1	0	0	0
-15°	8	3	2	1	0	0	0
-17.5°	8	3	2	1	0	0	0
-20°	9	3	2	1	0	0	0

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REPORT NUMBER: P627064 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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