

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: P626774 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-727-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626774 (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-SA1E-727-U-MR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

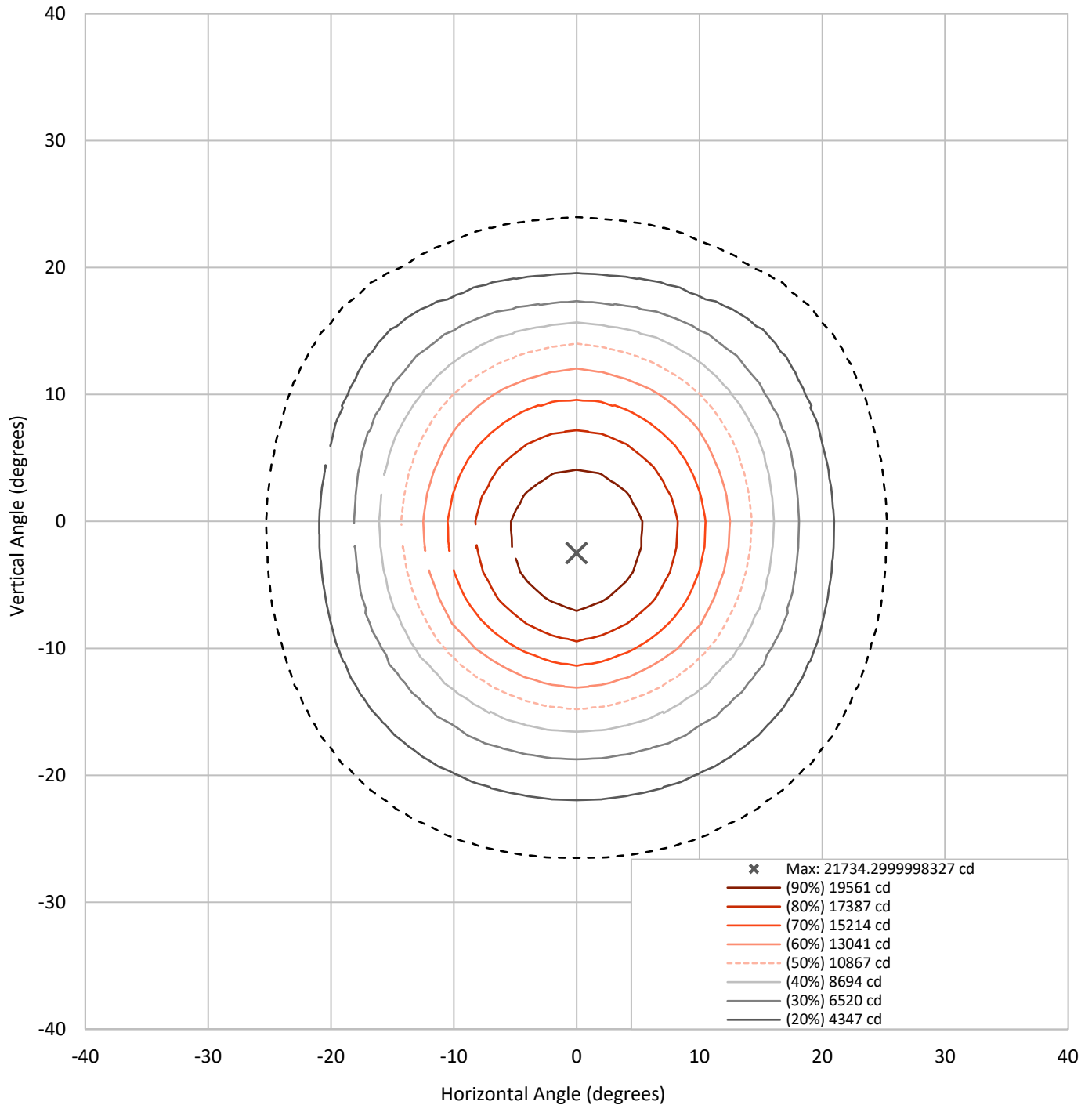
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	6164.3 lumens	Max Intensity:	21734.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	93.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	3082.2 lumens	Field Lumens:	5296.3 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	66.2		
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		



REPORT NUMBER: P626774 (CONVERTED FROM TYPE C PHOTOMETRY)

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Iso-Candela Plot





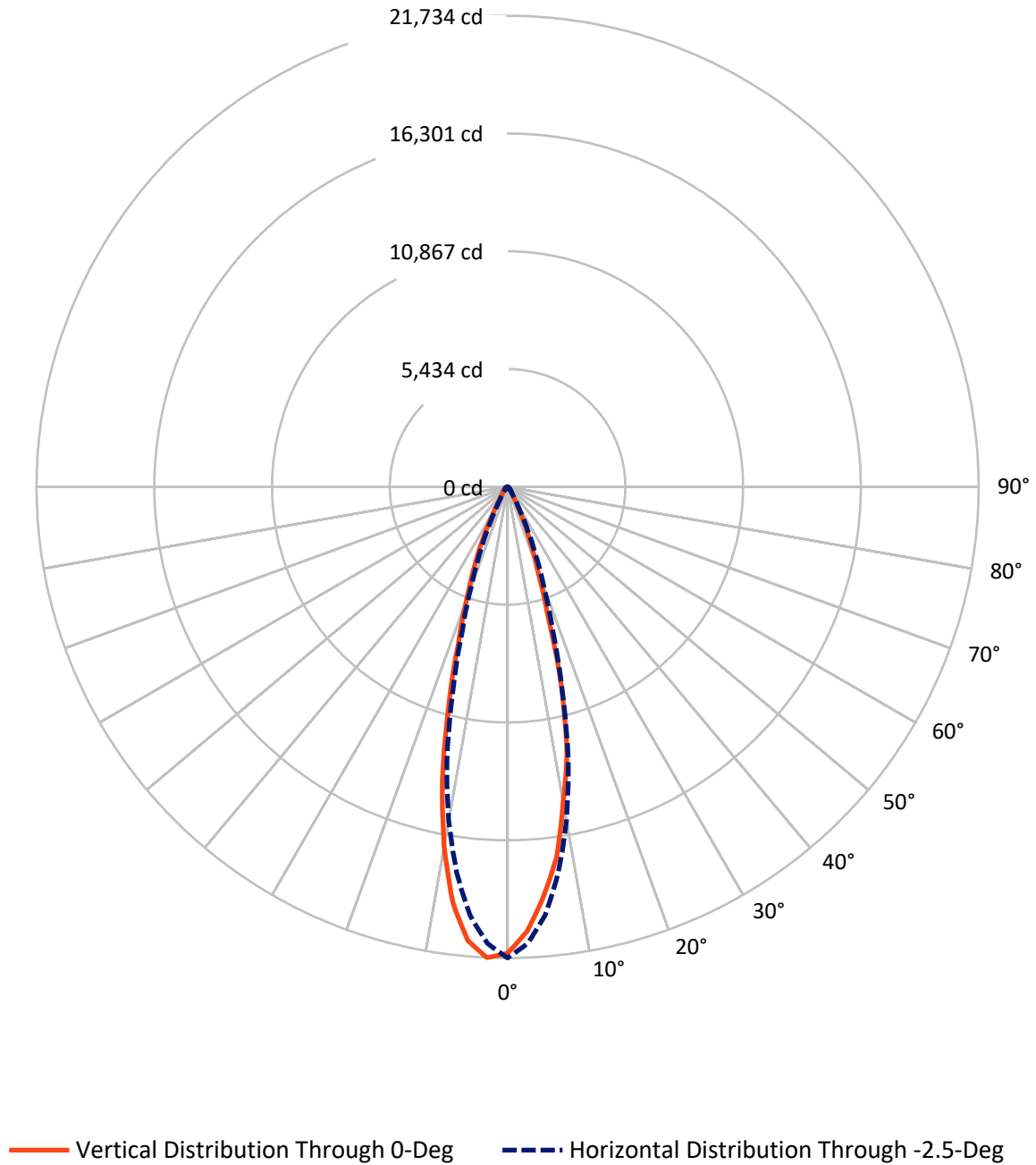
REPORT NUMBER: P626774 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	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	0.0	0.0
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	0.0	0.0
70	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	0.0	0.0
60		0.0	0.0	0.2	0.4	0.7	1.0	1.2	1.2	1.0	0.7	0.4	0.2	0.0	0.0		
50	0.0	0.0	0.2	0.7	1.3	2.0	2.8	3.3	3.3	2.8	2.0	1.3	0.7	0.2	0.0	0.0	
40		0.1	0.5	1.3	2.4	4.0	6.7	8.9	8.9	6.7	4.0	2.4	1.3	0.5	0.1		
30	0.0	0.2	0.8	2.0	3.8	9.3	29.3	53.7	53.7	29.3	9.3	3.8	2.0	0.8	0.2	0.0	
20		0.3	1.1	2.7	6.6	32.1	130.5	255.6	255.6	130.5	32.1	6.6	2.7	1.1	0.3		
10	0.1	0.4	1.4	3.3	9.4	61.2	263.6	516.7	516.7	263.6	61.2	9.4	3.3	1.4	0.4	0.1	
0		0.4	1.5	3.4	10.1	64.1	270.5	547.8	547.8	270.5	64.1	10.1	3.4	1.5	0.4		
-10	0.1	0.5	1.5	3.4	8.3	39.4	149.6	289.9	289.9	149.6	39.4	8.3	3.4	1.5	0.5	0.1	
-20		0.5	1.5	3.1	6.1	15.3	46.3	82.6	82.6	46.3	15.3	6.1	3.1	1.5	0.5		
-30	0.1	0.4	1.3	2.7	4.6	7.5	12.3	16.5	16.5	12.3	7.5	4.6	2.7	1.3	0.4	0.1	
-40		0.3	1.1	2.2	3.6	5.2	6.8	7.7	7.7	6.8	5.2	3.6	2.2	1.1	0.3		
-50	0.1	0.3	0.8	1.7	2.8	3.9	4.9	5.4	5.4	4.9	3.9	2.8	1.7	0.8	0.3	0.1	
-60		0.2	0.5	1.1	1.9	2.7	3.4	3.7	3.7	3.4	2.7	1.9	1.1	0.5	0.2		
-70	0.0	0.4	1.8	3.9	5.0	3.9	1.8	0.4	0.0								
-80		0.4	1.8	3.9	5.0	3.9	1.8	0.4									
-90	0.0	0.4	1.8	3.9	5.0	3.9	1.8	0.4	0.0								

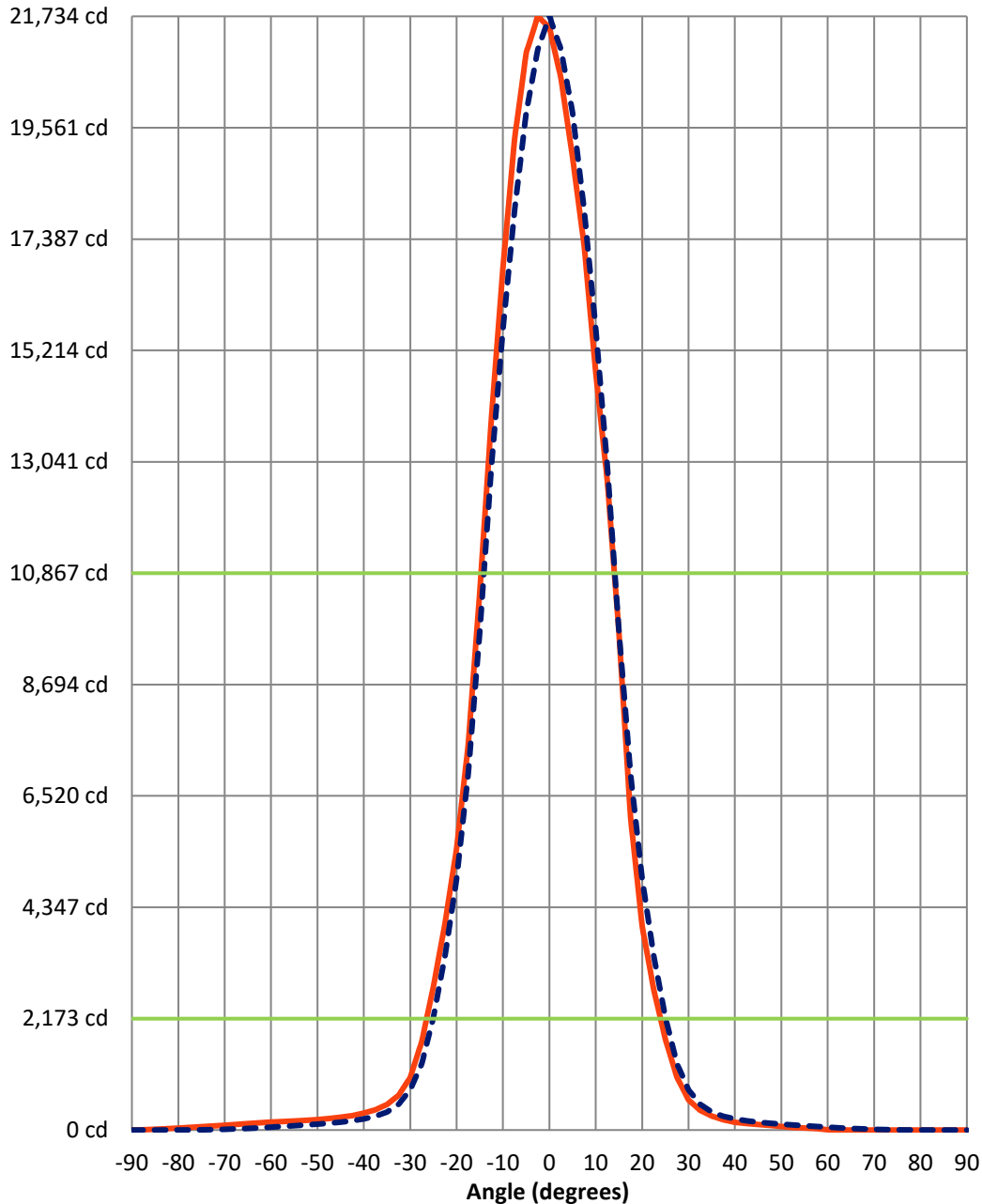
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 3082.2
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 5296.3
 Efficiency: 85.9%

Spill:
 Lumens: 868
 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	0
57.5°	0	0	0	0	0	0	0	0	0	1	0
55°	0	0	0	0	0	0	0	0	1	1	1
52.5°	0	0	0	0	0	0	0	0	1	1	1
50°	0	0	0	0	0	0	0	1	1	1	1
47.5°	0	0	0	0	0	0	1	1	1	1	1
45°	0	0	0	0	0	0	1	1	1	1	1
42.5°	0	0	0	0	0	1	1	1	1	1	2
40°	0	0	0	0	0	1	1	1	1	1	3
37.5°	0	0	0	0	0	1	1	1	2	2	5
35°	0	0	0	0	0	1	1	1	2	3	6
32.5°	0	0	0	0	0	1	1	1	3	5	7
30°	0	0	0	0	1	1	1	1	3	6	9
27.5°	0	0	0	0	1	1	1	2	4	7	11
25°	0	0	0	0	1	1	1	2	5	8	13
22.5°	0	0	0	0	1	1	1	3	6	10	15
20°	0	0	0	0	1	1	1	3	7	11	18
17.5°	0	0	0	0	1	1	1	4	8	13	20
15°	0	0	0	0	1	1	2	5	8	14	22
12.5°	0	0	0	0	1	1	2	5	9	16	23
10°	0	0	0	0	1	1	2	6	10	17	25
7.5°	0	0	0	0	1	1	2	7	11	19	26
5°	0	0	0	0	1	1	2	7	11	20	28
2.5°	0	0	0	0	1	1	3	8	12	21	29
0°	0	0	0	0	1	1	3	8	12	22	30
-2.5°	0	0	0	0	1	2	3	8	14	23	31
-5°	0	0	0	0	1	2	4	9	15	23	32
-7.5°	0	0	0	0	1	2	4	9	16	24	32
-10°	0	0	0	0	1	2	5	9	16	24	33
-12.5°	0	0	0	0	1	2	5	9	17	25	33
-15°	0	0	0	0	1	2	5	9	17	25	34
-17.5°	0	0	0	1	1	2	5	9	17	25	34
-20°	0	0	0	1	1	2	5	10	16	25	34

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REPORT NUMBER: P626774 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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	1	2	6	10	16	25	34
-25°	0	0	0	1	1	2	6	10	16	24	33
-27.5°	0	0	0	1	1	3	6	10	15	23	32
-30°	0	0	0	1	1	3	6	10	15	23	31
-32.5°	0	0	0	1	2	3	5	10	15	22	30
-35°	0	0	0	1	2	3	6	10	15	21	28
-37.5°	0	0	0	0	2	3	6	10	14	20	28
-40°	0	0	0	0	2	3	5	9	14	19	27
-42.5°	0	0	0	0	2	3	5	9	13	19	26
-45°	0	0	0	0	2	3	5	9	13	18	25
-47.5°	0	0	0	0	2	3	5	8	12	17	23
-50°	0	0	0	0	2	3	5	8	12	16	22
-52.5°	0	0	0	0	1	3	4	7	11	15	20
-55°	0	0	0	0	1	3	4	6	10	14	18
-57.5°	0	0	0	0	1	2	4	6	9	13	17
-60°	0	0	0	0	1	2	4	5	8	11	15
-62.5°	0	0	0	0	1	2	3	5	7	10	13
-65°	0	0	0	0	1	2	3	4	6	9	12
-67.5°	0	0	0	0	1	2	3	4	6	8	10
-70°	0	0	0	0	1	2	3	4	5	7	9
-72.5°	0	0	0	0	1	1	2	3	4	6	7
-75°	0	0	0	0	1	1	2	3	3	5	6
-77.5°	0	0	0	0	1	1	2	2	3	3	4
-80°	0	0	0	0	0	1	1	2	2	3	3
-82.5°	0	0	0	0	0	1	1	1	1	2	2
-85°	0	0	0	0	0	0	1	1	1	1	1
-87.5°	0	0	0	0	0	0	0	0	0	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626774 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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	0	0
60°	0	0	0	0	0	1	1	1	1	1	3
57.5°	0	0	1	1	1	2	2	3	4	6	8
55°	0	1	1	1	2	3	4	7	9	12	14
52.5°	1	1	1	2	4	6	9	12	16	18	21
50°	1	2	2	4	7	10	14	19	22	24	28
47.5°	2	2	4	7	10	15	21	25	28	33	38
45°	3	4	7	10	15	22	26	30	35	41	47
42.5°	4	6	10	14	21	27	32	37	43	49	56
40°	5	8	13	19	27	33	39	44	50	58	65
37.5°	7	11	17	24	32	39	45	52	59	67	75
35°	9	15	21	29	37	45	52	60	69	78	87
32.5°	11	18	25	34	42	51	59	69	79	88	99
30°	14	21	29	38	47	57	67	78	87	98	110
27.5°	17	24	33	43	52	62	75	86	96	107	120
25°	20	28	37	46	56	68	82	93	104	116	132
22.5°	23	31	41	50	61	75	88	101	113	126	143
20°	25	34	45	55	65	81	95	109	123	139	159
17.5°	28	38	49	59	72	87	102	117	133	153	177
15°	30	41	52	64	77	92	108	126	144	167	195
12.5°	33	44	56	68	82	98	114	132	154	181	216
10°	35	46	59	72	86	103	119	138	161	191	232
7.5°	37	49	63	76	90	107	124	143	167	199	244
5°	38	51	65	78	93	110	127	147	172	205	254
2.5°	40	53	67	80	95	112	130	150	176	211	262
0°	41	55	68	82	97	114	131	152	178	216	267
-2.5°	42	57	70	84	99	115	133	154	180	218	268
-5°	43	58	71	85	100	116	134	154	181	218	269
-7.5°	44	59	72	86	101	117	134	155	182	218	268
-10°	45	60	73	87	102	117	134	155	181	215	264
-12.5°	45	60	73	87	102	118	134	153	179	211	256
-15°	46	60	73	87	102	117	133	151	175	206	244
-17.5°	46	60	73	86	102	117	131	149	171	200	237
-20°	46	59	72	85	100	115	130	147	167	193	226

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CATALOG NUMBER: GFLD-SA1E-727-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°	46	59	71	84	98	113	128	144	163	185	214
-25°	45	58	70	83	96	111	125	140	158	179	204
-27.5°	44	57	69	81	94	108	122	136	153	172	194
-30°	42	55	67	79	92	105	118	132	147	165	185
-32.5°	40	53	65	77	89	102	114	128	142	157	175
-35°	39	51	63	74	87	99	110	122	136	150	165
-37.5°	37	48	60	71	83	95	105	117	129	143	157
-40°	36	46	57	68	79	90	101	111	123	136	149
-42.5°	34	44	54	65	75	86	97	106	117	129	142
-45°	33	42	52	62	72	81	91	102	112	123	135
-47.5°	31	40	49	58	68	77	86	96	107	117	128
-50°	29	37	46	54	63	73	82	91	100	111	121
-52.5°	27	35	42	50	59	68	77	86	94	103	113
-55°	24	31	39	46	54	62	71	80	89	97	105
-57.5°	22	28	35	42	49	56	65	73	82	90	98
-60°	20	25	31	38	45	51	58	66	74	82	90
-62.5°	17	22	27	33	39	46	53	59	67	73	80
-65°	15	19	23	28	34	40	46	52	59	64	70
-67.5°	13	16	20	24	29	33	38	44	50	55	60
-70°	11	13	16	20	24	28	32	37	41	46	50
-72.5°	9	11	13	16	19	23	26	30	34	38	41
-75°	8	9	11	13	15	18	21	24	27	31	34
-77.5°	6	7	9	10	12	14	16	19	22	24	27
-80°	4	5	7	8	9	10	12	14	16	17	20
-82.5°	3	4	5	6	6	7	8	9	10	12	13
-85°	2	2	3	3	4	4	4	5	6	7	8
-87.5°	1	1	1	2	2	2	2	2	2	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626774 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	1	1	1	2	2	2	2	2	2	2
60°	3	3	5	6	6	5	7	8	7	6	6
57.5°	10	12	14	14	16	19	20	20	20	21	23
55°	17	19	20	23	26	28	30	32	33	35	37
52.5°	23	26	28	31	35	37	38	42	45	48	49
50°	33	36	39	43	47	50	53	57	61	66	69
47.5°	43	47	52	57	61	64	68	73	79	85	88
45°	52	57	63	68	73	77	82	89	95	101	105
42.5°	61	66	72	78	82	89	97	103	111	118	124
40°	71	76	85	91	96	104	115	124	133	142	148
37.5°	82	91	101	109	116	125	140	155	166	178	186
35°	96	107	119	128	138	155	174	194	215	231	246
32.5°	110	122	134	147	164	188	211	244	274	305	334
30°	122	135	150	167	194	227	266	315	370	424	485
27.5°	135	149	167	194	235	280	351	429	541	632	777
25°	148	165	189	233	289	368	492	632	864	1062	1285
22.5°	165	191	225	280	373	516	708	1014	1369	1700	2015
20°	186	221	279	366	501	721	1084	1547	2042	2526	2993
17.5°	213	268	352	476	666	1129	1670	2331	3179	3815	4419
15°	238	308	434	634	994	1589	2344	3358	4499	5458	6543
12.5°	267	352	504	764	1277	2064	3027	4236	5586	7042	8742
10°	293	397	592	950	1573	2489	3568	4987	6721	8781	10929
7.5°	312	435	666	1090	1822	2837	4125	5851	8047	10455	12904
5°	328	464	724	1200	2034	3120	4531	6534	9037	11801	14237
2.5°	340	484	763	1267	2178	3313	4809	6897	9643	12680	15237
0°	349	497	784	1315	2244	3405	4937	7044	9927	13110	15740
-2.5°	352	503	785	1298	2204	3399	4907	6954	9731	12939	15634
-5°	353	500	765	1264	2132	3277	4711	6612	9133	12142	14872
-7.5°	351	487	725	1179	1971	3062	4437	6105	8171	10825	13647
-10°	341	463	671	1064	1749	2726	4009	5419	7070	9236	11523
-12.5°	324	428	596	892	1488	2346	3482	4729	6015	7438	9320
-15°	304	393	535	788	1245	1947	2867	3919	4987	6077	7225
-17.5°	288	362	472	649	956	1523	2259	3105	3971	4837	5609
-20°	269	324	411	548	772	1107	1660	2319	2966	3672	4264

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626774 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	251	298	363	450	600	836	1152	1615	2107	2619	3106
-25°	234	270	321	391	481	621	830	1072	1417	1732	2093
-27.5°	220	250	285	337	405	482	609	751	932	1082	1323
-30°	207	231	260	293	342	401	470	555	644	733	848
-32.5°	194	214	237	264	294	338	381	436	484	538	593
-35°	182	200	218	239	263	292	324	360	393	425	454
-37.5°	171	186	202	219	238	258	283	309	331	352	369
-40°	162	175	188	202	217	233	253	272	287	300	311
-42.5°	154	165	175	187	200	215	230	245	255	264	271
-45°	146	156	165	175	185	198	211	223	231	238	243
-47.5°	138	146	155	164	174	184	195	203	210	216	220
-50°	130	138	146	153	162	171	181	188	194	199	202
-52.5°	122	130	138	145	152	160	167	174	180	185	187
-55°	114	122	129	136	143	150	156	162	168	173	175
-57.5°	106	114	122	128	134	140	146	152	157	162	164
-60°	98	106	112	118	124	130	135	140	145	150	152
-62.5°	87	95	101	106	111	116	121	126	131	135	137
-65°	75	81	87	93	97	102	107	111	115	118	120
-67.5°	65	69	74	79	84	88	92	96	100	102	104
-70°	55	59	63	67	72	76	79	83	86	88	90
-72.5°	45	49	53	57	61	64	67	70	73	75	76
-75°	37	40	43	47	50	53	55	58	60	62	63
-77.5°	29	32	34	36	39	41	43	45	47	48	50
-80°	22	24	25	27	29	31	32	34	35	36	38
-82.5°	15	16	18	19	21	21	22	23	24	25	26
-85°	8	9	10	11	12	13	13	14	14	15	15
-87.5°	3	4	4	5	5	5	5	5	5	6	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626774 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	2	1	1	1	1	1	2	2	2	2	2
60°	6	5	5	6	5	5	6	6	6	7	8
57.5°	25	27	28	29	28	27	25	23	21	20	20
55°	39	40	40	40	40	40	39	37	35	33	32
52.5°	50	50	50	49	50	50	50	49	48	45	42
50°	70	69	69	70	69	69	70	69	66	61	57
47.5°	90	90	91	90	91	90	90	88	85	79	73
45°	107	108	109	108	109	108	107	105	101	95	89
42.5°	126	127	127	127	127	127	126	124	118	111	103
40°	150	151	151	151	151	151	150	148	142	133	124
37.5°	192	195	196	200	196	195	192	186	178	166	155
35°	257	264	268	274	268	264	257	246	231	215	194
32.5°	355	369	377	385	377	369	355	334	305	274	244
30°	528	556	567	588	567	556	528	485	424	370	315
27.5°	883	950	977	1032	977	950	883	777	632	541	429
25°	1488	1632	1712	1775	1712	1632	1488	1285	1062	864	632
22.5°	2333	2545	2658	2741	2658	2545	2333	2015	1700	1369	1014
20°	3417	3696	3863	3984	3863	3696	3417	2993	2526	2042	1547
17.5°	5193	5632	5889	6109	5889	5632	5193	4419	3815	3179	2331
15°	7753	8635	9320	9701	9320	8635	7753	6543	5458	4499	3358
12.5°	10244	11535	12302	12654	12302	11535	10244	8742	7042	5586	4236
10°	12707	13924	14654	14782	14654	13924	12707	10929	8781	6721	4987
7.5°	14592	15931	16900	17253	16900	15931	14592	12904	10455	8047	5851
5°	16257	17825	18851	18981	18851	17825	16257	14237	11801	9037	6534
2.5°	17482	19186	20181	20523	20181	19186	17482	15237	12680	9643	6897
0°	18075	19910	21017	21515	21017	19910	18075	15740	13110	9927	7044
-2.5°	17950	19848	21084	21734	21084	19848	17950	15634	12939	9731	6954
-5°	17268	19171	20324	21014	20324	19171	17268	14872	12142	9133	6612
-7.5°	15694	17474	18701	19338	18701	17474	15694	13647	10825	8171	6105
-10°	13666	15172	16290	16834	16290	15172	13666	11523	9236	7070	5419
-12.5°	11030	12492	13500	13885	13500	12492	11030	9320	7438	6015	4729
-15°	8451	9567	10283	10510	10283	9567	8451	7225	6077	4987	3919
-17.5°	6409	7010	7413	7521	7413	7010	6409	5609	4837	3971	3105
-20°	4802	5174	5435	5497	5435	5174	4802	4264	3672	2966	2319

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Scaled Data Report



REPORT NUMBER: P626774 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	3499	3778	3990	4032	3990	3778	3499	3106	2619	2107	1615
-25°	2413	2647	2790	2801	2790	2647	2413	2093	1732	1417	1072
-27.5°	1513	1641	1708	1731	1708	1641	1513	1323	1082	932	751
-30°	935	994	1025	1026	1025	994	935	848	733	644	555
-32.5°	635	663	679	679	679	663	635	593	538	484	436
-35°	475	490	499	500	499	490	475	454	425	393	360
-37.5°	382	391	395	396	395	391	382	369	352	331	309
-40°	320	325	329	331	329	325	320	311	300	287	272
-42.5°	276	280	282	281	282	280	276	271	264	255	245
-45°	246	248	250	250	250	248	246	243	238	231	223
-47.5°	222	223	224	224	224	223	222	220	216	210	203
-50°	203	204	205	204	205	204	203	202	199	194	188
-52.5°	188	188	189	189	189	188	188	187	185	180	174
-55°	176	176	176	177	176	176	176	175	173	168	162
-57.5°	165	166	166	166	166	166	165	164	162	157	152
-60°	154	155	156	156	156	155	154	152	150	145	140
-62.5°	139	140	141	141	141	140	139	137	135	131	126
-65°	121	122	124	126	124	122	121	120	118	115	111
-67.5°	105	106	108	109	108	106	105	104	102	100	96
-70°	91	93	93	93	93	93	91	90	88	86	83
-72.5°	78	79	79	79	79	79	78	76	75	73	70
-75°	64	65	66	66	66	65	64	63	62	60	58
-77.5°	51	52	52	52	52	52	51	50	48	47	45
-80°	39	39	39	38	39	39	39	38	36	35	34
-82.5°	26	27	27	26	27	27	26	26	25	24	23
-85°	16	16	16	15	16	16	16	15	15	14	14
-87.5°	6	7	6	6	6	7	6	6	6	5	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626774 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-727-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°	0	0	0	0	0	0	0	0	0	0	0
62.5°	2	2	2	1	1	1	0	0	0	0	0
60°	7	5	6	6	5	3	3	3	1	1	1
57.5°	20	19	16	14	14	12	10	8	6	4	3
55°	30	28	26	23	20	19	17	14	12	9	7
52.5°	38	37	35	31	28	26	23	21	18	16	12
50°	53	50	47	43	39	36	33	28	24	22	19
47.5°	68	64	61	57	52	47	43	38	33	28	25
45°	82	77	73	68	63	57	52	47	41	35	30
42.5°	97	89	82	78	72	66	61	56	49	43	37
40°	115	104	96	91	85	76	71	65	58	50	44
37.5°	140	125	116	109	101	91	82	75	67	59	52
35°	174	155	138	128	119	107	96	87	78	69	60
32.5°	211	188	164	147	134	122	110	99	88	79	69
30°	266	227	194	167	150	135	122	110	98	87	78
27.5°	351	280	235	194	167	149	135	120	107	96	86
25°	492	368	289	233	189	165	148	132	116	104	93
22.5°	708	516	373	280	225	191	165	143	126	113	101
20°	1084	721	501	366	279	221	186	159	139	123	109
17.5°	1670	1129	666	476	352	268	213	177	153	133	117
15°	2344	1589	994	634	434	308	238	195	167	144	126
12.5°	3027	2064	1277	764	504	352	267	216	181	154	132
10°	3568	2489	1573	950	592	397	293	232	191	161	138
7.5°	4125	2837	1822	1090	666	435	312	244	199	167	143
5°	4531	3120	2034	1200	724	464	328	254	205	172	147
2.5°	4809	3313	2178	1267	763	484	340	262	211	176	150
0°	4937	3405	2244	1315	784	497	349	267	216	178	152
-2.5°	4907	3399	2204	1298	785	503	352	268	218	180	154
-5°	4711	3277	2132	1264	765	500	353	269	218	181	154
-7.5°	4437	3062	1971	1179	725	487	351	268	218	182	155
-10°	4009	2726	1749	1064	671	463	341	264	215	181	155
-12.5°	3482	2346	1488	892	596	428	324	256	211	179	153
-15°	2867	1947	1245	788	535	393	304	244	206	175	151
-17.5°	2259	1523	956	649	472	362	288	237	200	171	149
-20°	1660	1107	772	548	411	324	269	226	193	167	147

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REPORT NUMBER: P626774 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	1152	836	600	450	363	298	251	214	185	163	144
-25°	830	621	481	391	321	270	234	204	179	158	140
-27.5°	609	482	405	337	285	250	220	194	172	153	136
-30°	470	401	342	293	260	231	207	185	165	147	132
-32.5°	381	338	294	264	237	214	194	175	157	142	128
-35°	324	292	263	239	218	200	182	165	150	136	122
-37.5°	283	258	238	219	202	186	171	157	143	129	117
-40°	253	233	217	202	188	175	162	149	136	123	111
-42.5°	230	215	200	187	175	165	154	142	129	117	106
-45°	211	198	185	175	165	156	146	135	123	112	102
-47.5°	195	184	174	164	155	146	138	128	117	107	96
-50°	181	171	162	153	146	138	130	121	111	100	91
-52.5°	167	160	152	145	138	130	122	113	103	94	86
-55°	156	150	143	136	129	122	114	105	97	89	80
-57.5°	146	140	134	128	122	114	106	98	90	82	73
-60°	135	130	124	118	112	106	98	90	82	74	66
-62.5°	121	116	111	106	101	95	87	80	73	67	59
-65°	107	102	97	93	87	81	75	70	64	59	52
-67.5°	92	88	84	79	74	69	65	60	55	50	44
-70°	79	76	72	67	63	59	55	50	46	41	37
-72.5°	67	64	61	57	53	49	45	41	38	34	30
-75°	55	53	50	47	43	40	37	34	31	27	24
-77.5°	43	41	39	36	34	32	29	27	24	22	19
-80°	32	31	29	27	25	24	22	20	17	16	14
-82.5°	22	21	21	19	18	16	15	13	12	10	9
-85°	13	13	12	11	10	9	8	8	7	6	5
-87.5°	5	5	5	5	4	4	3	3	3	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626774 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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	0	0	0	0	0	0	0	0
57.5°	2	2	1	1	1	0	0	0	1	0	0
55°	4	3	2	1	1	1	0	1	1	1	0
52.5°	9	6	4	2	1	1	1	1	1	1	0
50°	14	10	7	4	2	2	1	1	1	1	1
47.5°	21	15	10	7	4	2	2	1	1	1	1
45°	26	22	15	10	7	4	3	1	1	1	1
42.5°	32	27	21	14	10	6	4	2	1	1	1
40°	39	33	27	19	13	8	5	3	1	1	1
37.5°	45	39	32	24	17	11	7	5	2	2	1
35°	52	45	37	29	21	15	9	6	3	2	1
32.5°	59	51	42	34	25	18	11	7	5	3	1
30°	67	57	47	38	29	21	14	9	6	3	1
27.5°	75	62	52	43	33	24	17	11	7	4	2
25°	82	68	56	46	37	28	20	13	8	5	2
22.5°	88	75	61	50	41	31	23	15	10	6	3
20°	95	81	65	55	45	34	25	18	11	7	3
17.5°	102	87	72	59	49	38	28	20	13	8	4
15°	108	92	77	64	52	41	30	22	14	8	5
12.5°	114	98	82	68	56	44	33	23	16	9	5
10°	119	103	86	72	59	46	35	25	17	10	6
7.5°	124	107	90	76	63	49	37	26	19	11	7
5°	127	110	93	78	65	51	38	28	20	11	7
2.5°	130	112	95	80	67	53	40	29	21	12	8
0°	131	114	97	82	68	55	41	30	22	12	8
-2.5°	133	115	99	84	70	57	42	31	23	14	8
-5°	134	116	100	85	71	58	43	32	23	15	9
-7.5°	134	117	101	86	72	59	44	32	24	16	9
-10°	134	117	102	87	73	60	45	33	24	16	9
-12.5°	134	118	102	87	73	60	45	33	25	17	9
-15°	133	117	102	87	73	60	46	34	25	17	9
-17.5°	131	117	102	86	73	60	46	34	25	17	9
-20°	130	115	100	85	72	59	46	34	25	16	10

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REPORT NUMBER: P626774 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	128	113	98	84	71	59	46	34	25	16	10
-25°	125	111	96	83	70	58	45	33	24	16	10
-27.5°	122	108	94	81	69	57	44	32	23	15	10
-30°	118	105	92	79	67	55	42	31	23	15	10
-32.5°	114	102	89	77	65	53	40	30	22	15	10
-35°	110	99	87	74	63	51	39	28	21	15	10
-37.5°	105	95	83	71	60	48	37	28	20	14	10
-40°	101	90	79	68	57	46	36	27	19	14	9
-42.5°	97	86	75	65	54	44	34	26	19	13	9
-45°	91	81	72	62	52	42	33	25	18	13	9
-47.5°	86	77	68	58	49	40	31	23	17	12	8
-50°	82	73	63	54	46	37	29	22	16	12	8
-52.5°	77	68	59	50	42	35	27	20	15	11	7
-55°	71	62	54	46	39	31	24	18	14	10	6
-57.5°	65	56	49	42	35	28	22	17	13	9	6
-60°	58	51	45	38	31	25	20	15	11	8	5
-62.5°	53	46	39	33	27	22	17	13	10	7	5
-65°	46	40	34	28	23	19	15	12	9	6	4
-67.5°	38	33	29	24	20	16	13	10	8	6	4
-70°	32	28	24	20	16	13	11	9	7	5	4
-72.5°	26	23	19	16	13	11	9	7	6	4	3
-75°	21	18	15	13	11	9	8	6	5	3	3
-77.5°	16	14	12	10	9	7	6	4	3	3	2
-80°	12	10	9	8	7	5	4	3	3	2	2
-82.5°	8	7	6	6	5	4	3	2	2	1	1
-85°	4	4	4	3	3	2	2	1	1	1	1
-87.5°	2	2	2	2	1	1	1	1	1	0	0
-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: P626774 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	0	0	0	0	0	0	0
47.5°	1	0	0	0	0	0	0
45°	1	0	0	0	0	0	0
42.5°	1	1	0	0	0	0	0
40°	1	1	0	0	0	0	0
37.5°	1	1	0	0	0	0	0
35°	1	1	0	0	0	0	0
32.5°	1	1	0	0	0	0	0
30°	1	1	1	0	0	0	0
27.5°	1	1	1	0	0	0	0
25°	1	1	1	0	0	0	0
22.5°	1	1	1	0	0	0	0
20°	1	1	1	0	0	0	0
17.5°	1	1	1	0	0	0	0
15°	2	1	1	0	0	0	0
12.5°	2	1	1	0	0	0	0
10°	2	1	1	0	0	0	0
7.5°	2	1	1	0	0	0	0
5°	2	1	1	0	0	0	0
2.5°	3	1	1	0	0	0	0
0°	3	1	1	0	0	0	0
-2.5°	3	2	1	0	0	0	0
-5°	4	2	1	0	0	0	0
-7.5°	4	2	1	0	0	0	0
-10°	5	2	1	0	0	0	0
-12.5°	5	2	1	0	0	0	0
-15°	5	2	1	0	0	0	0
-17.5°	5	2	1	1	0	0	0
-20°	5	2	1	1	0	0	0

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CATALOG NUMBER: GFLD-SA1E-727-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)