

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: P626624 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626624 (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-SA1B-740-U-MR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4504.4 lumens
Efficiency: N/A
Efficacy: 134.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 15881.8 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 2252.3 lumens
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 3870.1 lumens
Field Efficiency: 85.9%

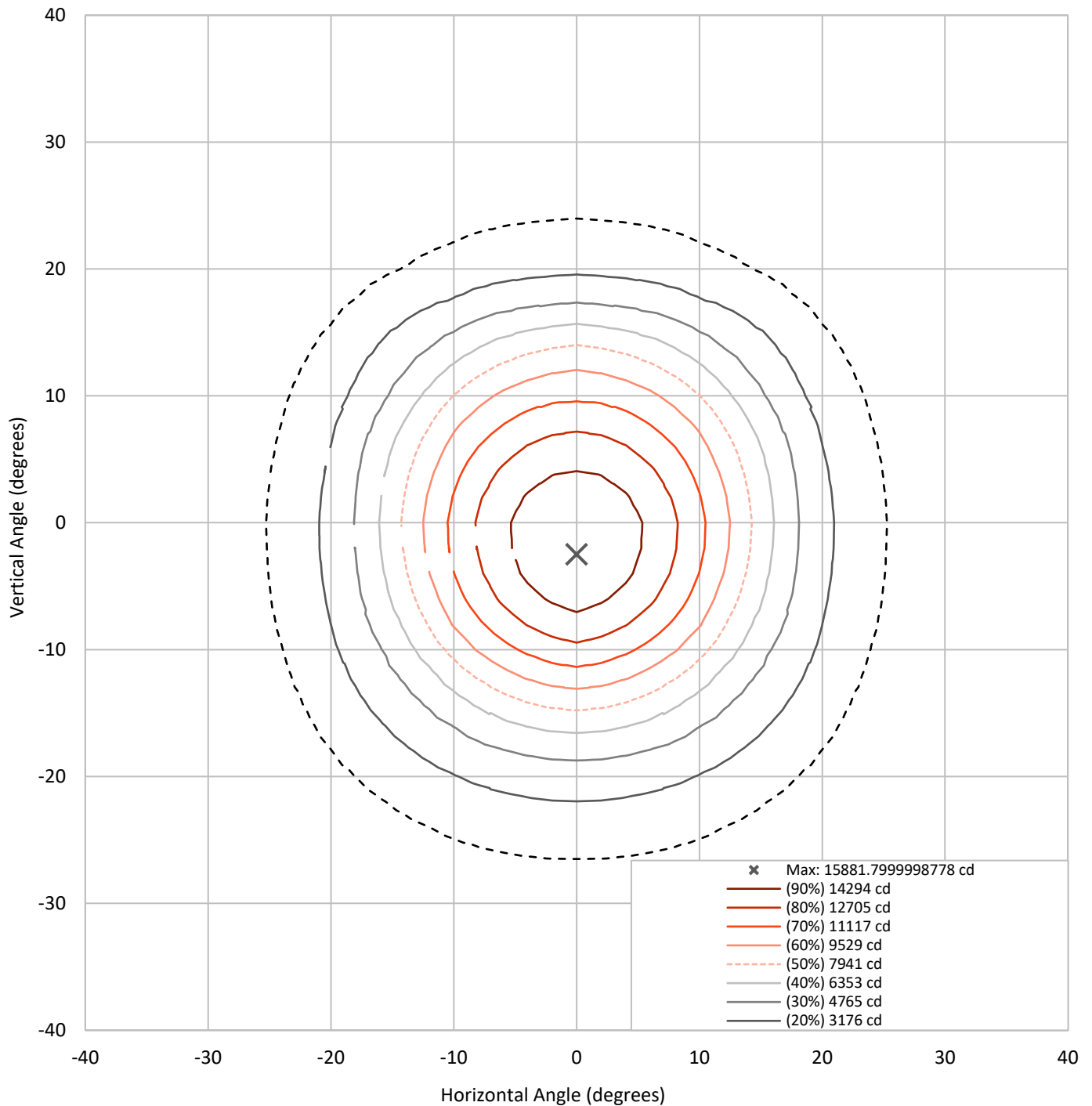
Input Watts (W): 33.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA1B-740-U-MR-VSR-XX

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			
70																			
60	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			
50		0.0	0.0	0.1	0.3	0.5	0.7	0.9	0.9	0.7	0.5	0.3	0.1	0.0	0.0				
40	0.0	0.0	0.2	0.5	0.9	1.5	2.0	2.4	2.4	2.0	1.5	0.9	0.5	0.2	0.0	0.0			
30		0.1	0.4	1.0	1.8	2.9	4.9	6.5	6.5	4.9	2.9	1.8	1.0	0.4	0.1				
20	0.0	0.1	0.6	1.5	2.8	6.8	21.4	39.2	39.2	21.4	6.8	2.8	1.5	0.6	0.1	0.0			
10		0.2	0.8	2.0	4.8	23.5	95.4	186.8	186.8	95.4	23.5	4.8	2.0	0.8	0.2				
0	0.1	0.3	1.0	2.4	6.9	44.7	192.6	377.5	377.5	192.6	44.7	6.9	2.4	1.0	0.3	0.1			
-10		0.3	1.1	2.5	7.3	46.8	197.6	400.3	400.3	197.6	46.8	7.3	2.5	1.1	0.3				
-20	0.1	0.3	1.1	2.5	6.0	28.8	109.3	211.9	211.9	109.3	28.8	6.0	2.5	1.1	0.3	0.1			
-30		0.3	1.1	2.2	4.4	11.2	33.8	60.4	60.4	33.8	11.2	4.4	2.2	1.1	0.3				
-40	0.1	0.3	1.0	1.9	3.4	5.5	9.0	12.0	12.0	9.0	5.5	3.4	1.9	1.0	0.3	0.1			
-50		0.2	0.8	1.6	2.7	3.8	5.0	5.6	5.6	5.0	3.8	2.7	1.6	0.8	0.2				
-60	0.1	0.2	0.6	1.3	2.1	2.9	3.6	3.9	3.9	3.6	2.9	2.1	1.3	0.6	0.2	0.1			
-70		0.1	0.4	0.8	1.4	2.0	2.5	2.7	2.7	2.5	2.0	1.4	0.8	0.4	0.1				
-80	0.0	0.3		1.3		2.9		3.6		2.9		1.3		0.3		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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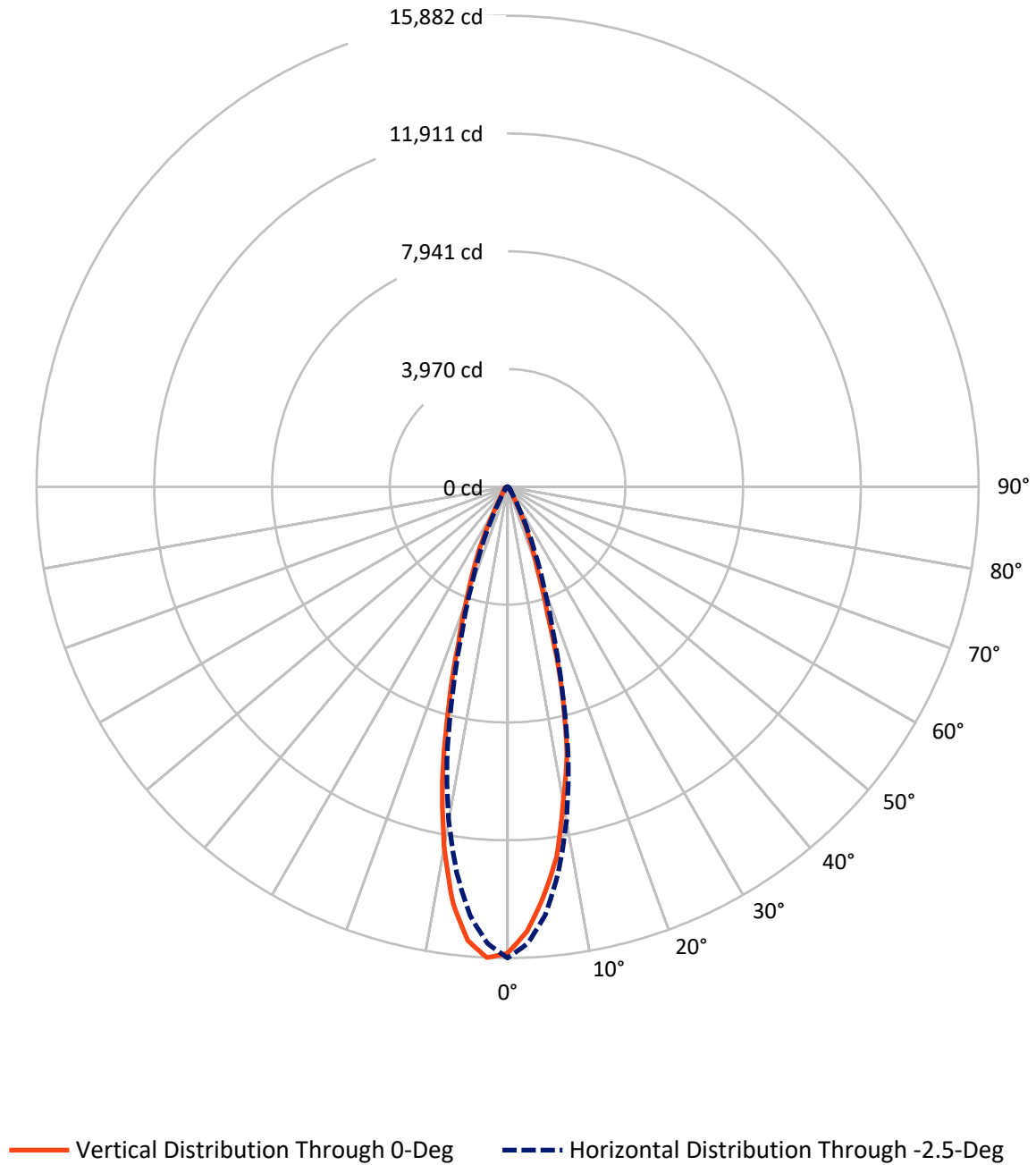
Scaled Data Report



REPORT NUMBER: P626624 (CONVERTED FROM TYPE C PHOTOMETRY)

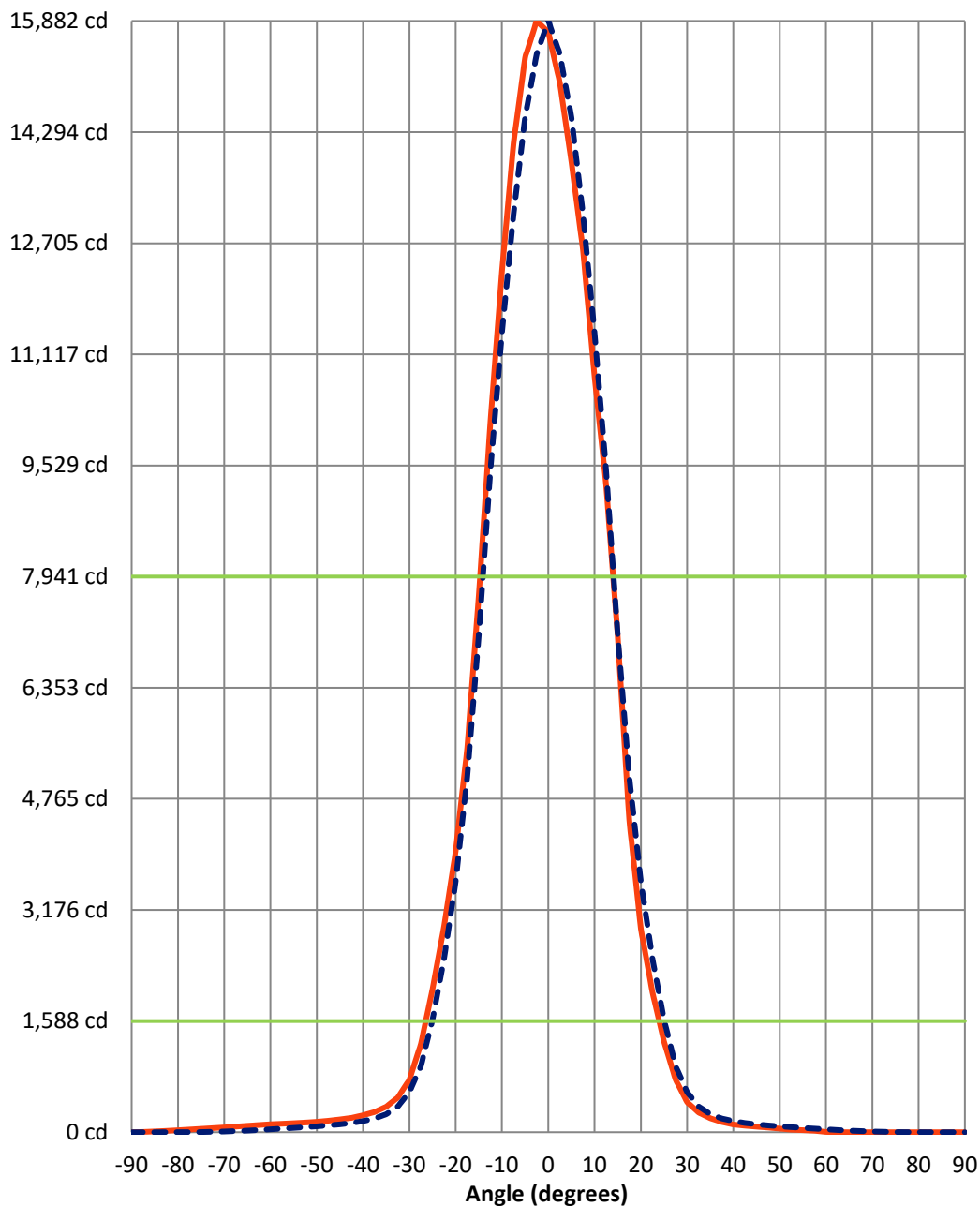
CATALOG NUMBER: GFLD-SA1B-740-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 2252.3
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 3870.1
 Efficiency: 85.9%

Spill:
 Lumens: 634.3
 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	0
60°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	1	0
52.5°	0	0	0	0	0	0	0	0	1	1	0
50°	0	0	0	0	0	0	0	1	1	1	1
47.5°	0	0	0	0	0	0	0	1	1	1	1
45°	0	0	0	0	0	0	1	1	1	1	1
42.5°	0	0	0	0	0	0	1	1	1	1	2
40°	0	0	0	0	0	1	1	1	1	1	2
37.5°	0	0	0	0	0	1	1	1	1	1	3
35°	0	0	0	0	0	1	1	1	1	2	4
32.5°	0	0	0	0	0	1	1	1	2	3	5
30°	0	0	0	0	0	1	1	1	2	4	7
27.5°	0	0	0	0	1	1	1	1	3	5	8
25°	0	0	0	0	1	1	1	2	4	6	9
22.5°	0	0	0	0	1	1	1	2	4	7	11
20°	0	0	0	0	1	1	1	3	5	8	13
17.5°	0	0	0	0	1	1	1	3	5	9	14
15°	0	0	0	0	1	1	1	3	6	11	16
12.5°	0	0	0	0	1	1	1	4	7	12	17
10°	0	0	0	0	1	1	1	4	7	13	18
7.5°	0	0	0	0	1	1	2	5	8	14	19
5°	0	0	0	0	1	1	2	5	8	15	20
2.5°	0	0	0	0	1	1	2	6	9	15	21
0°	0	0	0	0	1	1	2	6	9	16	22
-2.5°	0	0	0	0	1	1	2	6	9	16	22
-5°	0	0	0	0	1	1	3	6	11	17	23
-7.5°	0	0	0	0	1	1	3	6	11	17	24
-10°	0	0	0	0	1	1	3	6	12	18	24
-12.5°	0	0	0	0	1	1	4	6	12	18	24
-15°	0	0	0	0	1	2	4	6	12	18	25
-17.5°	0	0	0	0	1	2	4	7	12	18	25
-20°	0	0	0	0	1	2	4	7	12	18	25

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REPORT NUMBER: P626624 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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	0	1	2	4	7	12	18	25
-25°	0	0	0	0	1	2	4	7	11	18	24
-27.5°	0	0	0	0	1	2	4	7	11	17	23
-30°	0	0	0	0	1	2	4	7	11	17	23
-32.5°	0	0	0	0	1	2	4	7	11	16	22
-35°	0	0	0	0	1	2	4	7	11	15	21
-37.5°	0	0	0	0	1	2	4	7	11	15	20
-40°	0	0	0	0	1	2	4	7	10	14	20
-42.5°	0	0	0	0	1	2	4	7	10	14	19
-45°	0	0	0	0	1	2	4	6	9	13	18
-47.5°	0	0	0	0	1	2	4	6	9	12	17
-50°	0	0	0	0	1	2	3	6	9	12	16
-52.5°	0	0	0	0	1	2	3	5	8	11	15
-55°	0	0	0	0	1	2	3	5	7	10	14
-57.5°	0	0	0	0	1	2	3	4	7	9	12
-60°	0	0	0	0	1	2	3	4	6	8	11
-62.5°	0	0	0	0	1	2	2	4	5	7	10
-65°	0	0	0	0	1	1	2	3	5	7	9
-67.5°	0	0	0	0	1	1	2	3	4	6	8
-70°	0	0	0	0	1	1	2	3	4	5	7
-72.5°	0	0	0	0	1	1	2	2	3	4	5
-75°	0	0	0	0	0	1	1	2	2	3	4
-77.5°	0	0	0	0	0	1	1	2	2	3	3
-80°	0	0	0	0	0	1	1	1	2	2	2
-82.5°	0	0	0	0	0	0	1	1	1	1	2
-85°	0	0	0	0	0	0	1	1	1	1	1
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626624 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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	0	0	0	0	0
60°	0	0	0	0	0	0	1	1	1	1	2
57.5°	0	0	0	1	1	1	2	2	3	5	6
55°	0	1	1	1	1	2	3	5	7	9	11
52.5°	1	1	1	2	3	4	6	9	11	13	15
50°	1	1	1	3	5	7	10	14	16	18	21
47.5°	1	2	3	5	8	11	15	18	20	24	28
45°	2	3	5	8	11	16	19	22	26	30	34
42.5°	3	4	7	10	15	20	23	27	31	36	41
40°	4	6	10	14	20	24	28	32	37	42	47
37.5°	5	8	12	18	23	28	33	38	43	49	55
35°	6	11	16	21	27	33	38	44	50	57	63
32.5°	8	13	18	25	31	37	43	51	57	64	72
30°	10	15	21	28	34	41	49	57	64	72	80
27.5°	12	18	24	31	38	45	54	62	70	78	88
25°	15	20	27	34	41	50	60	68	76	85	96
22.5°	17	23	30	36	45	54	65	74	83	92	105
20°	19	25	33	40	48	59	69	80	90	102	116
17.5°	20	28	36	43	52	63	74	86	97	112	130
15°	22	30	38	47	56	68	79	92	105	122	143
12.5°	24	32	41	50	60	71	84	97	112	132	158
10°	25	34	43	53	63	75	87	101	118	139	169
7.5°	27	36	46	55	66	78	91	105	122	145	178
5°	28	37	48	57	68	80	93	108	126	150	186
2.5°	29	39	49	59	70	82	95	110	128	154	191
0°	30	40	50	60	71	83	96	111	130	158	195
-2.5°	31	41	51	61	72	84	97	112	132	159	196
-5°	32	42	52	62	73	85	98	113	133	159	196
-7.5°	32	43	53	63	74	85	98	113	133	159	196
-10°	33	43	53	63	75	86	98	113	132	157	193
-12.5°	33	44	53	64	75	86	98	112	130	154	187
-15°	34	44	53	64	75	86	97	110	128	150	179
-17.5°	34	44	53	63	74	85	96	109	125	146	173
-20°	34	43	53	62	73	84	95	107	122	141	165

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CATALOG NUMBER: GFLD-SA1B-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°	33	43	52	61	72	83	94	105	119	135	157
-25°	33	42	51	60	70	81	92	102	116	131	149
-27.5°	32	42	50	59	69	79	89	100	112	126	142
-30°	31	40	49	58	67	77	86	97	108	120	135
-32.5°	29	39	48	56	65	74	83	93	104	115	128
-35°	28	37	46	54	63	72	80	89	99	110	121
-37.5°	27	35	44	52	61	69	77	85	95	105	115
-40°	26	34	42	50	57	66	74	81	90	99	109
-42.5°	25	32	40	47	55	63	71	78	86	95	104
-45°	24	31	38	45	52	59	67	74	82	90	98
-47.5°	23	29	36	42	50	57	63	70	78	86	93
-50°	21	27	33	40	46	53	60	66	73	81	88
-52.5°	20	25	31	37	43	50	56	63	69	75	83
-55°	18	23	28	34	39	45	52	58	65	71	77
-57.5°	16	20	25	31	36	41	47	54	60	66	72
-60°	14	18	22	27	33	37	43	48	54	60	65
-62.5°	13	16	20	24	29	34	38	43	49	54	58
-65°	11	14	17	21	25	29	34	38	43	47	51
-67.5°	9	12	14	17	21	24	28	32	37	40	44
-70°	8	10	12	14	17	20	23	27	30	33	37
-72.5°	7	8	10	12	14	17	19	22	25	27	30
-75°	6	7	8	9	11	13	15	18	20	22	25
-77.5°	4	5	6	7	9	10	12	14	16	18	19
-80°	3	4	5	6	7	8	9	10	11	13	14
-82.5°	2	3	3	4	5	5	6	7	8	9	10
-85°	1	1	2	2	3	3	3	4	4	5	6
-87.5°	1	1	1	1	1	1	1	1	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA1B-740-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	0	0	0	0	0
62.5°	0	0	1	1	1	1	1	1	1	1	1
60°	3	2	4	5	4	3	5	6	5	5	5
57.5°	7	9	10	10	12	14	15	14	15	15	17
55°	12	14	15	17	19	21	22	23	24	26	27
52.5°	17	19	21	23	25	27	28	31	33	35	36
50°	24	26	29	32	34	37	39	41	45	48	50
47.5°	31	34	38	42	45	47	50	53	58	62	64
45°	38	42	46	50	53	56	60	65	69	74	77
42.5°	44	48	53	57	60	65	71	75	81	86	90
40°	52	55	62	67	71	76	84	91	98	104	108
37.5°	60	67	74	79	85	91	102	113	122	130	136
35°	70	78	87	93	101	114	127	142	157	169	180
32.5°	80	89	98	108	120	137	154	178	200	223	244
30°	89	99	110	122	142	166	194	231	270	310	355
27.5°	98	109	122	142	172	205	256	314	396	462	568
25°	108	121	138	170	211	269	359	462	631	776	939
22.5°	121	139	164	204	273	377	517	741	1001	1242	1472
20°	136	161	204	267	366	527	792	1131	1492	1846	2187
17.5°	156	196	257	348	487	825	1220	1704	2323	2788	3229
15°	174	225	317	464	726	1161	1713	2454	3287	3988	4781
12.5°	195	257	368	558	933	1508	2212	3095	4082	5146	6388
10°	214	290	433	694	1150	1819	2607	3644	4911	6417	7986
7.5°	228	318	487	797	1332	2073	3014	4275	5880	7639	9429
5°	239	339	529	877	1487	2280	3311	4774	6604	8623	10403
2.5°	248	354	557	926	1591	2421	3514	5040	7046	9265	11134
0°	255	363	573	961	1640	2488	3608	5147	7254	9580	11502
-2.5°	257	368	574	949	1610	2484	3586	5081	7111	9455	11424
-5°	258	365	559	924	1558	2395	3442	4832	6674	8872	10868
-7.5°	256	356	530	862	1440	2238	3242	4461	5971	7910	9972
-10°	249	338	490	778	1278	1992	2930	3960	5166	6749	8420
-12.5°	237	313	435	652	1087	1714	2545	3455	4395	5435	6810
-15°	222	287	391	576	910	1422	2095	2864	3644	4441	5279
-17.5°	211	264	345	474	699	1113	1651	2269	2902	3534	4099
-20°	196	237	300	401	564	809	1213	1694	2167	2683	3116

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

Scaled Data Report



REPORT NUMBER: P626624 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	183	218	265	329	438	611	841	1180	1539	1914	2269
-25°	171	197	235	286	351	454	606	783	1035	1266	1530
-27.5°	161	183	208	246	296	352	445	549	681	791	967
-30°	151	169	190	214	250	293	343	406	471	535	620
-32.5°	142	157	173	193	215	247	278	319	354	393	433
-35°	133	146	159	175	192	213	237	263	287	310	332
-37.5°	125	136	148	160	174	189	207	226	242	257	270
-40°	118	128	137	148	159	171	185	199	209	219	228
-42.5°	112	121	128	137	146	157	168	179	186	193	198
-45°	107	114	121	128	135	145	154	163	168	174	178
-47.5°	101	107	113	120	127	135	142	148	154	158	161
-50°	95	101	107	112	119	125	132	137	142	145	148
-52.5°	89	95	101	106	111	117	122	127	131	135	137
-55°	83	89	94	99	105	110	114	119	123	126	128
-57.5°	78	84	89	93	98	102	107	111	115	118	120
-60°	71	77	82	86	90	95	99	102	106	110	111
-62.5°	64	69	74	78	81	85	89	92	96	98	100
-65°	55	60	64	68	71	75	78	81	84	86	87
-67.5°	47	51	54	58	61	65	67	70	73	75	76
-70°	40	43	46	49	52	55	58	60	63	64	66
-72.5°	33	36	39	42	44	47	49	51	53	55	56
-75°	27	29	32	34	36	38	40	42	44	45	46
-77.5°	21	23	25	27	29	30	32	33	34	35	36
-80°	16	17	19	20	21	22	23	25	26	27	27
-82.5°	11	12	13	14	15	16	16	17	17	18	19
-85°	6	7	8	8	9	9	10	10	11	11	11
-87.5°	2	3	3	3	4	4	4	4	4	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626624 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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	0
62.5°	1	1	1	1	1	1	1	1	1	1	1
60°	4	4	4	4	4	4	4	5	5	5	6
57.5°	19	20	21	21	21	20	19	17	15	15	14
55°	28	29	29	29	29	29	28	27	26	24	23
52.5°	37	37	37	36	37	37	37	36	35	33	31
50°	51	51	51	51	51	51	51	50	48	45	41
47.5°	65	66	66	66	66	66	65	64	62	58	53
45°	78	79	79	79	79	79	78	77	74	69	65
42.5°	92	92	93	93	93	92	92	90	86	81	75
40°	110	110	110	110	110	110	110	108	104	98	91
37.5°	140	142	143	146	143	142	140	136	130	122	113
35°	188	193	196	200	196	193	188	180	169	157	142
32.5°	259	270	275	281	275	270	259	244	223	200	178
30°	386	406	415	430	415	406	386	355	310	270	231
27.5°	646	695	714	754	714	695	646	568	462	396	314
25°	1087	1193	1251	1297	1251	1193	1087	939	776	631	462
22.5°	1705	1859	1942	2003	1942	1859	1705	1472	1242	1001	741
20°	2497	2701	2823	2911	2823	2701	2497	2187	1846	1492	1131
17.5°	3795	4116	4303	4464	4303	4116	3795	3229	2788	2323	1704
15°	5666	6310	6810	7089	6810	6310	5666	4781	3988	3287	2454
12.5°	7485	8429	8989	9247	8989	8429	7485	6388	5146	4082	3095
10°	9285	10175	10708	10802	10708	10175	9285	7986	6417	4911	3644
7.5°	10663	11641	12349	12607	12349	11641	10663	9429	7639	5880	4275
5°	11880	13025	13775	13870	13775	13025	11880	10403	8623	6604	4774
2.5°	12775	14020	14747	14997	14747	14020	12775	11134	9265	7046	5040
0°	13208	14549	15358	15722	15358	14549	13208	11502	9580	7254	5147
-2.5°	13117	14504	15407	15882	15407	14504	13117	11424	9455	7111	5081
-5°	12618	14009	14851	15356	14851	14009	12618	10868	8872	6674	4832
-7.5°	11468	12769	13665	14131	13665	12769	11468	9972	7910	5971	4461
-10°	9986	11087	11904	12301	11904	11087	9986	8420	6749	5166	3960
-12.5°	8060	9128	9865	10146	9865	9128	8060	6810	5435	4395	3455
-15°	6176	6991	7514	7680	7514	6991	6176	5279	4441	3644	2864
-17.5°	4683	5122	5417	5496	5417	5122	4683	4099	3534	2902	2269
-20°	3509	3781	3972	4017	3972	3781	3509	3116	2683	2167	1694

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REPORT NUMBER: P626624 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	2556	2761	2915	2946	2915	2761	2556	2269	1914	1539	1180
-25°	1763	1934	2039	2047	2039	1934	1763	1530	1266	1035	783
-27.5°	1106	1199	1248	1265	1248	1199	1106	967	791	681	549
-30°	683	726	749	750	749	726	683	620	535	471	406
-32.5°	464	485	496	496	496	485	464	433	393	354	319
-35°	347	358	364	365	364	358	347	332	310	287	263
-37.5°	279	285	288	289	288	285	279	270	257	242	226
-40°	234	238	240	242	240	238	234	228	219	209	199
-42.5°	202	205	206	205	206	205	202	198	193	186	179
-45°	180	182	183	183	183	182	180	178	174	168	163
-47.5°	162	163	164	164	164	163	162	161	158	154	148
-50°	149	149	149	149	149	149	149	148	145	142	137
-52.5°	137	138	138	138	138	138	137	137	135	131	127
-55°	128	129	129	129	129	129	128	128	126	123	119
-57.5°	121	121	121	121	121	121	121	120	118	115	111
-60°	112	113	114	114	114	113	112	111	110	106	102
-62.5°	101	102	103	103	103	102	101	100	98	96	92
-65°	89	89	91	92	91	89	89	87	86	84	81
-67.5°	77	78	79	80	79	78	77	76	75	73	70
-70°	67	68	68	68	68	68	67	66	64	63	60
-72.5°	57	58	58	58	58	58	57	56	55	53	51
-75°	47	48	48	48	48	48	47	46	45	44	42
-77.5°	37	38	38	38	38	38	37	36	35	34	33
-80°	28	29	28	28	28	29	28	27	27	26	25
-82.5°	19	20	19	19	19	20	19	19	18	17	17
-85°	12	12	11	11	11	12	12	11	11	11	10
-87.5°	5	5	4	4	4	5	5	4	4	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626624 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	0	0	0	0	0	0
60°	5	3	4	5	4	2	3	2	1	1	1
57.5°	15	14	12	10	10	9	7	6	5	3	2
55°	22	21	19	17	15	14	12	11	9	7	5
52.5°	28	27	25	23	21	19	17	15	13	11	9
50°	39	37	34	32	29	26	24	21	18	16	14
47.5°	50	47	45	42	38	34	31	28	24	20	18
45°	60	56	53	50	46	42	38	34	30	26	22
42.5°	71	65	60	57	53	48	44	41	36	31	27
40°	84	76	71	67	62	55	52	47	42	37	32
37.5°	102	91	85	79	74	67	60	55	49	43	38
35°	127	114	101	93	87	78	70	63	57	50	44
32.5°	154	137	120	108	98	89	80	72	64	57	51
30°	194	166	142	122	110	99	89	80	72	64	57
27.5°	256	205	172	142	122	109	98	88	78	70	62
25°	359	269	211	170	138	121	108	96	85	76	68
22.5°	517	377	273	204	164	139	121	105	92	83	74
20°	792	527	366	267	204	161	136	116	102	90	80
17.5°	1220	825	487	348	257	196	156	130	112	97	86
15°	1713	1161	726	464	317	225	174	143	122	105	92
12.5°	2212	1508	933	558	368	257	195	158	132	112	97
10°	2607	1819	1150	694	433	290	214	169	139	118	101
7.5°	3014	2073	1332	797	487	318	228	178	145	122	105
5°	3311	2280	1487	877	529	339	239	186	150	126	108
2.5°	3514	2421	1591	926	557	354	248	191	154	128	110
0°	3608	2488	1640	961	573	363	255	195	158	130	111
-2.5°	3586	2484	1610	949	574	368	257	196	159	132	112
-5°	3442	2395	1558	924	559	365	258	196	159	133	113
-7.5°	3242	2238	1440	862	530	356	256	196	159	133	113
-10°	2930	1992	1278	778	490	338	249	193	157	132	113
-12.5°	2545	1714	1087	652	435	313	237	187	154	130	112
-15°	2095	1422	910	576	391	287	222	179	150	128	110
-17.5°	1651	1113	699	474	345	264	211	173	146	125	109
-20°	1213	809	564	401	300	237	196	165	141	122	107

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REPORT NUMBER: P626624 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	841	611	438	329	265	218	183	157	135	119	105
-25°	606	454	351	286	235	197	171	149	131	116	102
-27.5°	445	352	296	246	208	183	161	142	126	112	100
-30°	343	293	250	214	190	169	151	135	120	108	97
-32.5°	278	247	215	193	173	157	142	128	115	104	93
-35°	237	213	192	175	159	146	133	121	110	99	89
-37.5°	207	189	174	160	148	136	125	115	105	95	85
-40°	185	171	159	148	137	128	118	109	99	90	81
-42.5°	168	157	146	137	128	121	112	104	95	86	78
-45°	154	145	135	128	121	114	107	98	90	82	74
-47.5°	142	135	127	120	113	107	101	93	86	78	70
-50°	132	125	119	112	107	101	95	88	81	73	66
-52.5°	122	117	111	106	101	95	89	83	75	69	63
-55°	114	110	105	99	94	89	83	77	71	65	58
-57.5°	107	102	98	93	89	84	78	72	66	60	54
-60°	99	95	90	86	82	77	71	65	60	54	48
-62.5°	89	85	81	78	74	69	64	58	54	49	43
-65°	78	75	71	68	64	60	55	51	47	43	38
-67.5°	67	65	61	58	54	51	47	44	40	37	32
-70°	58	55	52	49	46	43	40	37	33	30	27
-72.5°	49	47	44	42	39	36	33	30	27	25	22
-75°	40	38	36	34	32	29	27	25	22	20	18
-77.5°	32	30	29	27	25	23	21	19	18	16	14
-80°	23	22	21	20	19	17	16	14	13	11	10
-82.5°	16	16	15	14	13	12	11	10	9	8	7
-85°	10	9	9	8	8	7	6	6	5	4	4
-87.5°	4	4	4	3	3	3	2	2	2	2	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626624 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	0	0	0	0	0	0	0	0	0	0	0
60°	1	0	0	0	0	0	0	0	0	0	0
57.5°	2	1	1	1	0	0	0	0	0	0	0
55°	3	2	1	1	1	1	0	0	1	0	0
52.5°	6	4	3	2	1	1	1	0	1	1	0
50°	10	7	5	3	1	1	1	1	1	1	1
47.5°	15	11	8	5	3	2	1	1	1	1	1
45°	19	16	11	8	5	3	2	1	1	1	1
42.5°	23	20	15	10	7	4	3	2	1	1	1
40°	28	24	20	14	10	6	4	2	1	1	1
37.5°	33	28	23	18	12	8	5	3	1	1	1
35°	38	33	27	21	16	11	6	4	2	1	1
32.5°	43	37	31	25	18	13	8	5	3	2	1
30°	49	41	34	28	21	15	10	7	4	2	1
27.5°	54	45	38	31	24	18	12	8	5	3	1
25°	60	50	41	34	27	20	15	9	6	4	2
22.5°	65	54	45	36	30	23	17	11	7	4	2
20°	69	59	48	40	33	25	19	13	8	5	3
17.5°	74	63	52	43	36	28	20	14	9	5	3
15°	79	68	56	47	38	30	22	16	11	6	3
12.5°	84	71	60	50	41	32	24	17	12	7	4
10°	87	75	63	53	43	34	25	18	13	7	4
7.5°	91	78	66	55	46	36	27	19	14	8	5
5°	93	80	68	57	48	37	28	20	15	8	5
2.5°	95	82	70	59	49	39	29	21	15	9	6
0°	96	83	71	60	50	40	30	22	16	9	6
-2.5°	97	84	72	61	51	41	31	23	17	10	6
-5°	98	85	73	62	52	42	32	23	17	11	6
-7.5°	98	85	74	63	53	43	32	24	17	11	6
-10°	98	86	75	63	53	43	33	24	18	12	6
-12.5°	98	86	75	64	53	44	33	24	18	12	6
-15°	97	86	75	64	53	44	34	25	18	12	6
-17.5°	96	85	74	63	53	44	34	25	18	12	7
-20°	95	84	73	62	53	43	34	25	18	12	7

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REPORT NUMBER: P626624 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	94	83	72	61	52	43	33	25	18	12	7
-25°	92	81	70	60	51	42	33	24	18	11	7
-27.5°	89	79	69	59	50	42	32	23	17	11	7
-30°	86	77	67	58	49	40	31	23	17	11	7
-32.5°	83	74	65	56	48	39	29	22	16	11	7
-35°	80	72	63	54	46	37	28	21	15	11	7
-37.5°	77	69	61	52	44	35	27	20	15	11	7
-40°	74	66	57	50	42	34	26	20	14	10	7
-42.5°	71	63	55	47	40	32	25	19	14	10	7
-45°	67	59	52	45	38	31	24	18	13	9	6
-47.5°	63	57	50	42	36	29	23	17	12	9	6
-50°	60	53	46	40	33	27	21	16	12	9	6
-52.5°	56	50	43	37	31	25	20	15	11	8	5
-55°	52	45	39	34	28	23	18	14	10	7	5
-57.5°	47	41	36	31	25	20	16	12	9	7	4
-60°	43	37	33	27	22	18	14	11	8	6	4
-62.5°	38	34	29	24	20	16	13	10	7	5	4
-65°	34	29	25	21	17	14	11	9	7	5	3
-67.5°	28	24	21	17	14	12	9	8	6	4	3
-70°	23	20	17	14	12	10	8	7	5	4	3
-72.5°	19	17	14	12	10	8	7	5	4	3	2
-75°	15	13	11	9	8	7	6	4	3	2	2
-77.5°	12	10	9	7	6	5	4	3	3	2	2
-80°	9	8	7	6	5	4	3	2	2	2	1
-82.5°	6	5	5	4	3	3	2	2	1	1	1
-85°	3	3	3	2	2	1	1	1	1	1	1
-87.5°	1	1	1	1	1	1	1	0	0	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: P626624 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0
45°	1	0	0	0	0	0	0
42.5°	1	0	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	0	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°	1	1	1	0	0	0	0
12.5°	1	1	1	0	0	0	0
10°	1	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°	2	1	1	0	0	0	0
0°	2	1	1	0	0	0	0
-2.5°	2	1	1	0	0	0	0
-5°	3	1	1	0	0	0	0
-7.5°	3	1	1	0	0	0	0
-10°	3	1	1	0	0	0	0
-12.5°	4	1	1	0	0	0	0
-15°	4	2	1	0	0	0	0
-17.5°	4	2	1	0	0	0	0
-20°	4	2	1	0	0	0	0

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REPORT NUMBER: P626624 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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