

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: P626614 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-735-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626614 (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-735-U-MR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (16) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4442.7 lumens  
Efficiency: N/A  
Efficacy: 132.6 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  
Beam Lumens: 2221.4 lumens  
Beam Efficiency: 50.0%

NEMA Type: 4H x 4V  
Max Intensity: 15664 candela  
Max Intensity Angle: 0°H x -2.5°V

Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 3817.1 lumens  
Field Efficiency: 85.9%

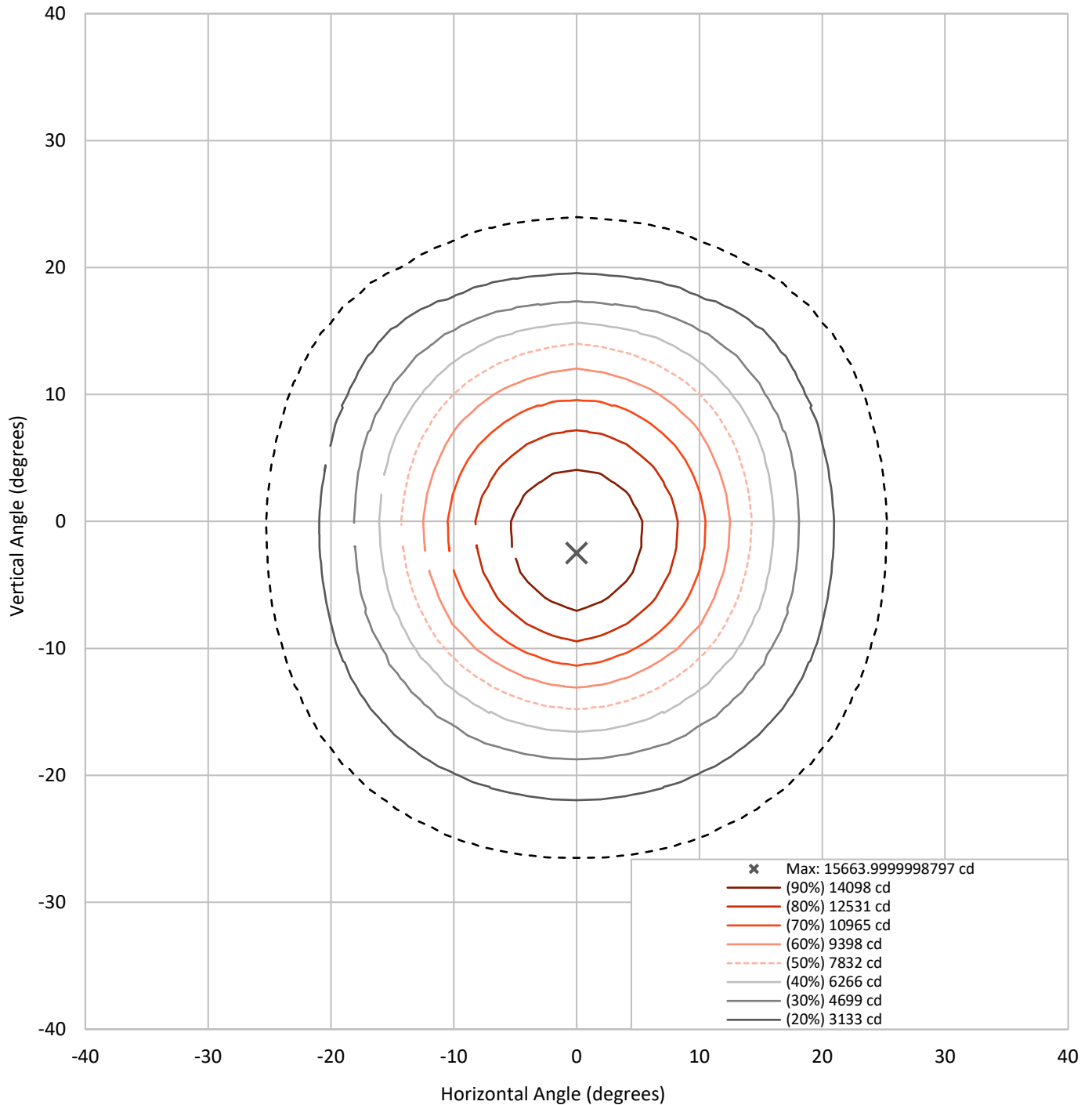
Input Watts (W): 33.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





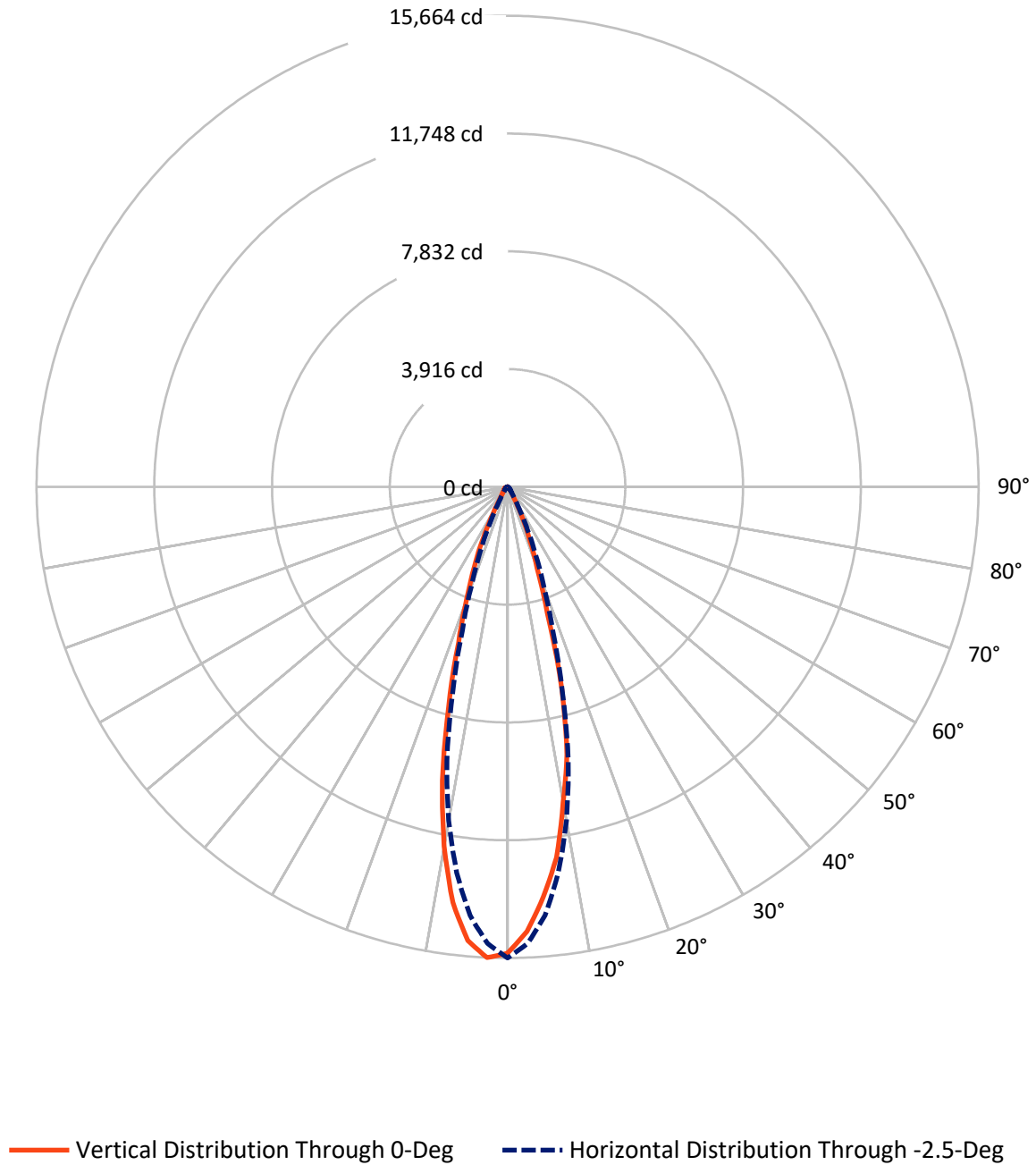
REPORT NUMBER: P626614 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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				
50		0.0	0.0	0.1	0.3	0.5	0.7	0.8	0.8	0.7	0.5	0.3	0.1	0.0		0.0			
40	0.0	0.0	0.2	0.5	0.9	1.4	2.0	2.4	2.4	2.0	1.4	0.9	0.5	0.2	0.0				
30		0.1	0.4	1.0	1.7	2.9	4.8	6.4	6.4	4.8	2.9	1.7	1.0	0.4	0.1				
20	0.0	0.1	0.6	1.5	2.8	6.7	21.1	38.7	38.7	21.1	6.7	2.8	1.5	0.6	0.1				
10		0.2	0.8	2.0	4.7	23.1	94.1	184.2	184.2	94.1	23.1	4.7	2.0	0.8	0.2				
0	0.1	0.3	1.0	2.4	6.8	44.1	190.0	372.4	372.4	190.0	44.1	6.8	2.4	1.0	0.3				
-10		0.3	1.1	2.5	7.2	46.2	194.9	394.8	394.8	194.9	46.2	7.2	2.5	1.1	0.3				
-20	0.1	0.3	1.1	2.4	6.0	28.4	107.8	208.9	208.9	107.8	28.4	6.0	2.4	1.1	0.3				
-30		0.3	1.1	2.2	4.4	11.0	33.4	59.6	59.6	33.4	11.0	4.4	2.2	1.1	0.3				
-40	0.1	0.3	0.9	1.9	3.3	5.4	8.9	11.9	11.9	8.9	5.4	3.3	1.9	0.9	0.3				
-50		0.2	0.8	1.6	2.6	3.7	4.9	5.5	5.5	4.9	3.7	2.6	1.6	0.8	0.2				
-60	0.1	0.2	0.6	1.2	2.0	2.8	3.6	3.9	3.9	3.6	2.8	2.0	1.2	0.6	0.2				
-70		0.1	0.4	0.8	1.4	1.9	2.4	2.7	2.7	2.4	1.9	1.4	0.8	0.4	0.1				
-80	0.0	0.3	1.3	2.8	3.6	2.8	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

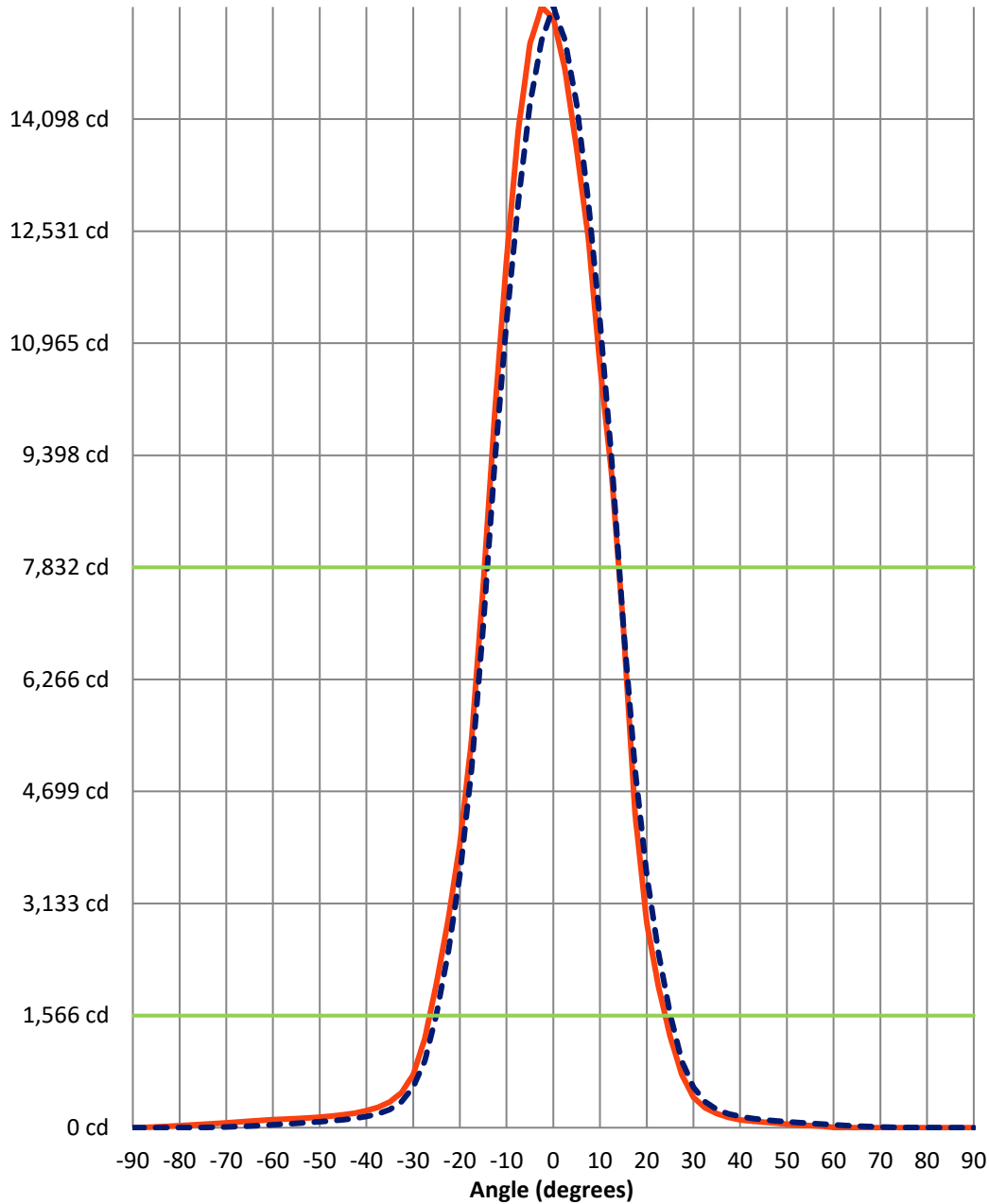
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 2221.4  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 3817.1  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 625.6  
 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	3	6	9
22.5°	0	0	0	0	1	1	1	2	4	7	11
20°	0	0	0	0	1	1	1	2	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	10	16
12.5°	0	0	0	0	1	1	1	4	7	11	17
10°	0	0	0	0	1	1	1	4	7	12	18
7.5°	0	0	0	0	1	1	2	5	8	13	19
5°	0	0	0	0	1	1	2	5	8	14	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	23
-10°	0	0	0	0	1	1	3	6	12	17	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	24
-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: P626614 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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	24
-25°	0	0	0	0	1	2	4	7	11	17	24
-27.5°	0	0	0	0	1	2	4	7	11	17	23
-30°	0	0	0	0	1	2	4	7	11	16	22
-32.5°	0	0	0	0	1	2	4	7	11	16	22
-35°	0	0	0	0	1	2	4	7	11	15	20
-37.5°	0	0	0	0	1	2	4	7	10	14	20
-40°	0	0	0	0	1	2	4	7	10	14	19
-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	3	6	9	12	17
-50°	0	0	0	0	1	2	3	6	8	12	16
-52.5°	0	0	0	0	1	2	3	5	8	11	14
-55°	0	0	0	0	1	2	3	5	7	10	13
-57.5°	0	0	0	0	1	2	3	4	6	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	6	8
-67.5°	0	0	0	0	1	1	2	3	4	6	7
-70°	0	0	0	0	1	1	2	3	4	5	6
-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





REPORT NUMBER: P626614 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-735-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	4	5
55°	0	1	1	1	1	2	3	5	7	9	10
52.5°	1	1	1	2	3	4	6	9	11	13	15
50°	1	1	1	3	5	7	10	13	16	18	20
47.5°	1	2	3	5	8	11	15	18	20	23	27
45°	2	3	5	7	11	16	19	22	25	30	34
42.5°	3	4	7	10	15	20	23	27	31	36	40
40°	4	6	9	14	19	24	28	32	36	42	47
37.5°	5	8	12	18	23	28	33	38	43	49	54
35°	6	10	15	21	27	33	38	43	50	56	63
32.5°	8	13	18	24	30	37	43	50	57	64	71
30°	10	15	21	28	34	41	48	56	63	71	79
27.5°	12	18	24	31	37	45	54	62	69	77	87
25°	14	20	27	33	41	49	59	67	75	84	95
22.5°	16	22	30	36	44	54	64	73	82	91	103
20°	18	25	32	39	47	58	68	79	89	100	115
17.5°	20	27	35	43	52	62	73	85	96	110	128
15°	22	29	38	46	56	67	78	91	104	120	141
12.5°	24	31	40	49	59	70	82	95	111	131	156
10°	25	33	43	52	62	74	86	100	116	137	167
7.5°	26	35	45	55	65	77	89	103	121	143	176
5°	28	37	47	57	67	79	92	106	124	148	183
2.5°	29	38	48	58	69	81	94	108	127	152	189
0°	30	39	49	59	70	82	95	109	128	156	192
-2.5°	31	41	50	60	71	83	96	111	130	157	193
-5°	31	42	51	61	72	84	96	111	131	157	194
-7.5°	32	43	52	62	73	84	97	112	131	157	193
-10°	32	43	52	63	74	85	97	111	131	155	190
-12.5°	33	43	53	63	74	85	97	110	129	152	184
-15°	33	43	53	63	74	85	96	109	126	148	176
-17.5°	33	43	53	62	73	84	95	107	123	144	171
-20°	33	43	52	61	72	83	94	106	121	139	163

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CATALOG NUMBER: GFLD-SA1B-735-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	42	51	60	71	82	92	104	117	133	154
-25°	33	42	51	60	69	80	90	101	114	129	147
-27.5°	32	41	50	59	68	78	88	98	110	124	140
-30°	30	40	49	57	66	76	85	95	106	119	133
-32.5°	29	38	47	56	64	73	82	92	102	113	126
-35°	28	37	45	53	62	71	79	88	98	108	119
-37.5°	27	35	43	51	60	68	76	84	93	103	113
-40°	26	33	41	49	57	65	73	80	88	98	108
-42.5°	25	32	39	47	54	62	70	77	84	93	102
-45°	24	30	37	44	52	58	66	73	81	89	97
-47.5°	22	29	35	42	49	56	62	69	77	84	92
-50°	21	27	33	39	46	53	59	65	72	80	87
-52.5°	19	25	31	36	42	49	56	62	68	74	81
-55°	17	23	28	33	39	45	51	58	64	70	76
-57.5°	16	20	25	30	35	41	47	53	59	65	71
-60°	14	18	22	27	32	37	42	48	54	59	65
-62.5°	12	16	19	24	28	33	38	43	48	53	58
-65°	11	14	17	20	24	29	33	38	42	46	50
-67.5°	9	12	14	17	21	24	28	32	36	40	43
-70°	8	10	12	14	17	20	23	26	30	33	36
-72.5°	7	8	10	11	14	16	19	22	24	27	30
-75°	5	7	8	9	11	13	15	18	20	22	24
-77.5°	4	5	6	7	9	10	12	14	15	17	19
-80°	3	4	5	6	7	8	9	10	11	13	14
-82.5°	2	3	3	4	5	5	6	6	7	8	9
-85°	1	1	2	2	3	3	3	4	4	5	5
-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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**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	4
57.5°	7	9	10	10	12	14	14	14	14	15	17
55°	12	13	14	16	18	20	22	23	24	25	27
52.5°	17	19	20	22	25	27	27	30	33	34	36
50°	23	26	28	31	34	36	38	41	44	47	50
47.5°	31	34	37	41	44	46	49	53	57	61	64
45°	38	41	45	49	52	56	59	64	69	73	76
42.5°	44	48	52	57	59	64	70	74	80	85	89
40°	51	55	61	66	70	75	83	90	96	102	106
37.5°	59	66	73	78	84	90	101	112	120	128	134
35°	70	77	86	92	100	112	125	140	155	167	177
32.5°	79	88	97	106	118	135	152	176	198	220	241
30°	88	98	108	121	140	164	191	227	266	305	350
27.5°	97	108	120	140	169	202	253	310	390	455	560
25°	107	119	136	168	208	266	354	455	622	765	926
22.5°	119	138	162	201	269	372	510	730	987	1225	1452
20°	134	159	201	264	361	519	781	1115	1472	1820	2157
17.5°	153	193	253	343	480	814	1203	1680	2291	2750	3185
15°	171	222	313	457	716	1145	1690	2420	3242	3934	4715
12.5°	192	254	363	550	921	1488	2182	3053	4026	5075	6300
10°	211	286	427	685	1134	1794	2572	3594	4844	6329	7877
7.5°	225	313	480	786	1313	2045	2973	4217	5799	7535	9300
5°	236	334	522	865	1466	2249	3266	4709	6513	8505	10260
2.5°	245	349	550	913	1570	2388	3466	4971	6950	9138	10981
0°	251	358	565	948	1617	2454	3558	5076	7154	9448	11344
-2.5°	254	363	566	936	1588	2450	3537	5012	7013	9325	11267
-5°	255	360	552	911	1537	2362	3395	4765	6582	8751	10719
-7.5°	253	351	523	850	1420	2207	3197	4400	5889	7801	9835
-10°	246	334	483	767	1260	1965	2890	3906	5095	6656	8305
-12.5°	234	309	429	643	1072	1691	2510	3408	4335	5361	6717
-15°	219	283	385	568	898	1403	2066	2825	3594	4380	5207
-17.5°	208	261	340	467	689	1098	1628	2238	2862	3486	4043
-20°	194	234	296	395	556	798	1197	1671	2137	2646	3073

Classified

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

Scaled Data Report



REPORT NUMBER: P626614 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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°	181	215	262	324	432	602	830	1164	1518	1888	2238
-25°	169	195	232	282	347	448	598	772	1021	1248	1509
-27.5°	159	180	206	243	292	347	439	541	672	780	954
-30°	149	166	187	211	247	289	339	400	464	528	611
-32.5°	140	154	171	190	212	244	275	314	349	388	427
-35°	131	144	157	173	190	210	234	260	283	306	327
-37.5°	123	134	146	158	172	186	204	223	238	253	266
-40°	117	126	136	146	157	168	182	196	207	216	225
-42.5°	111	119	126	135	144	155	166	176	183	190	196
-45°	105	112	119	126	134	143	152	160	166	171	175
-47.5°	99	106	112	118	125	133	140	146	151	156	159
-50°	93	100	105	111	117	124	130	135	140	143	145
-52.5°	88	94	99	105	110	115	120	125	130	134	135
-55°	82	88	93	98	103	108	113	117	121	125	126
-57.5°	77	82	88	92	96	101	105	109	113	117	118
-60°	70	76	81	85	89	93	97	101	105	108	110
-62.5°	63	68	73	76	80	84	87	91	94	97	99
-65°	54	59	63	67	70	73	77	80	83	85	86
-67.5°	46	50	53	57	60	64	67	69	72	74	75
-70°	39	42	45	49	52	55	57	60	62	63	65
-72.5°	33	35	38	41	44	46	48	50	52	54	55
-75°	26	29	31	34	36	38	40	41	43	44	45
-77.5°	21	23	25	26	28	30	31	33	34	35	36
-80°	16	17	18	20	21	22	23	24	25	26	27
-82.5°	11	12	13	14	15	15	16	17	17	18	18
-85°	6	7	7	8	9	9	10	10	10	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: P626614 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-735-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	4	5	5	6
57.5°	18	20	20	21	20	20	18	17	15	14	14
55°	28	29	29	29	29	29	28	27	25	24	23
52.5°	36	36	36	36	36	36	36	36	34	33	30
50°	50	50	50	50	50	50	50	50	47	44	41
47.5°	65	65	65	65	65	65	65	64	61	57	53
45°	77	78	78	78	78	78	77	76	73	69	64
42.5°	91	91	91	92	91	91	91	89	85	80	74
40°	108	109	109	109	109	109	108	106	102	96	90
37.5°	138	140	141	144	141	140	138	134	128	120	112
35°	185	190	193	197	193	190	185	177	167	155	140
32.5°	256	266	272	277	272	266	256	241	220	198	176
30°	380	401	409	424	409	401	380	350	305	266	227
27.5°	637	685	704	744	704	685	637	560	455	390	310
25°	1073	1176	1234	1279	1234	1176	1073	926	765	622	455
22.5°	1682	1834	1915	1976	1915	1834	1682	1452	1225	987	730
20°	2463	2664	2784	2871	2784	2664	2463	2157	1820	1472	1115
17.5°	3743	4059	4244	4403	4244	4059	3743	3185	2750	2291	1680
15°	5588	6223	6717	6992	6717	6223	5588	4715	3934	3242	2420
12.5°	7383	8313	8866	9120	8866	8313	7383	6300	5075	4026	3053
10°	9158	10035	10561	10654	10561	10035	9158	7877	6329	4844	3594
7.5°	10517	11481	12180	12434	12180	11481	10517	9300	7535	5799	4217
5°	11717	12846	13586	13680	13586	12846	11717	10260	8505	6513	4709
2.5°	12600	13828	14545	14791	14545	13828	12600	10981	9138	6950	4971
0°	13027	14349	15147	15506	15147	14349	13027	11344	9448	7154	5076
-2.5°	12937	14305	15195	15664	15195	14305	12937	11267	9325	7013	5012
-5°	12445	13817	14647	15145	14647	13817	12445	10719	8751	6582	4765
-7.5°	11311	12594	13478	13937	13478	12594	11311	9835	7801	5889	4400
-10°	9849	10935	11741	12132	11741	10935	9849	8305	6656	5095	3906
-12.5°	7950	9003	9730	10007	9730	9003	7950	6717	5361	4335	3408
-15°	6091	6895	7411	7575	7411	6895	6091	5207	4380	3594	2825
-17.5°	4619	5052	5342	5421	5342	5052	4619	4043	3486	2862	2238
-20°	3461	3729	3917	3962	3917	3729	3461	3073	2646	2137	1671

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Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626614 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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°	2521	2723	2875	2906	2875	2723	2521	2238	1888	1518	1164
-25°	1739	1908	2011	2019	2011	1908	1739	1509	1248	1021	772
-27.5°	1090	1183	1231	1248	1231	1183	1090	954	780	672	541
-30°	674	717	739	740	739	717	674	611	528	464	400
-32.5°	457	478	489	489	489	478	457	427	388	349	314
-35°	343	353	359	360	359	353	343	327	306	283	260
-37.5°	276	281	284	285	284	281	276	266	253	238	223
-40°	230	234	237	239	237	234	230	225	216	207	196
-42.5°	199	202	203	202	203	202	199	196	190	183	176
-45°	177	179	180	181	180	179	177	175	171	166	160
-47.5°	160	161	161	162	161	161	160	159	156	151	146
-50°	147	147	147	147	147	147	147	145	143	140	135
-52.5°	136	136	136	136	136	136	136	135	134	130	125
-55°	127	127	127	127	127	127	127	126	125	121	117
-57.5°	119	120	120	119	120	120	119	118	117	113	109
-60°	111	112	112	112	112	112	111	110	108	105	101
-62.5°	100	101	101	102	101	101	100	99	97	94	91
-65°	87	88	90	91	90	88	87	86	85	83	80
-67.5°	76	77	78	79	78	77	76	75	74	72	69
-70°	66	67	67	67	67	67	66	65	63	62	60
-72.5°	56	57	57	57	57	57	56	55	54	52	50
-75°	46	47	47	47	47	47	46	45	44	43	41
-77.5°	37	37	37	38	37	37	37	36	35	34	33
-80°	28	28	28	28	28	28	28	27	26	25	24
-82.5°	19	20	19	19	19	20	19	18	18	17	17
-85°	11	12	11	11	11	12	11	11	11	10	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: P626614 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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°	14	14	12	10	10	9	7	5	4	3	2
55°	22	20	18	16	14	13	12	10	9	7	5
52.5°	27	27	25	22	20	19	17	15	13	11	9
50°	38	36	34	31	28	26	23	20	18	16	13
47.5°	49	46	44	41	37	34	31	27	23	20	18
45°	59	56	52	49	45	41	38	34	30	25	22
42.5°	70	64	59	57	52	48	44	40	36	31	27
40°	83	75	70	66	61	55	51	47	42	36	32
37.5°	101	90	84	78	73	66	59	54	49	43	38
35°	125	112	100	92	86	77	70	63	56	50	43
32.5°	152	135	118	106	97	88	79	71	64	57	50
30°	191	164	140	121	108	98	88	79	71	63	56
27.5°	253	202	169	140	120	108	97	87	77	69	62
25°	354	266	208	168	136	119	107	95	84	75	67
22.5°	510	372	269	201	162	138	119	103	91	82	73
20°	781	519	361	264	201	159	134	115	100	89	79
17.5°	1203	814	480	343	253	193	153	128	110	96	85
15°	1690	1145	716	457	313	222	171	141	120	104	91
12.5°	2182	1488	921	550	363	254	192	156	131	111	95
10°	2572	1794	1134	685	427	286	211	167	137	116	100
7.5°	2973	2045	1313	786	480	313	225	176	143	121	103
5°	3266	2249	1466	865	522	334	236	183	148	124	106
2.5°	3466	2388	1570	913	550	349	245	189	152	127	108
0°	3558	2454	1617	948	565	358	251	192	156	128	109
-2.5°	3537	2450	1588	936	566	363	254	193	157	130	111
-5°	3395	2362	1537	911	552	360	255	194	157	131	111
-7.5°	3197	2207	1420	850	523	351	253	193	157	131	112
-10°	2890	1965	1260	767	483	334	246	190	155	131	111
-12.5°	2510	1691	1072	643	429	309	234	184	152	129	110
-15°	2066	1403	898	568	385	283	219	176	148	126	109
-17.5°	1628	1098	689	467	340	261	208	171	144	123	107
-20°	1197	798	556	395	296	234	194	163	139	121	106

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REPORT NUMBER: P626614 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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°	830	602	432	324	262	215	181	154	133	117	104
-25°	598	448	347	282	232	195	169	147	129	114	101
-27.5°	439	347	292	243	206	180	159	140	124	110	98
-30°	339	289	247	211	187	166	149	133	119	106	95
-32.5°	275	244	212	190	171	154	140	126	113	102	92
-35°	234	210	190	173	157	144	131	119	108	98	88
-37.5°	204	186	172	158	146	134	123	113	103	93	84
-40°	182	168	157	146	136	126	117	108	98	88	80
-42.5°	166	155	144	135	126	119	111	102	93	84	77
-45°	152	143	134	126	119	112	105	97	89	81	73
-47.5°	140	133	125	118	112	106	99	92	84	77	69
-50°	130	124	117	111	105	100	93	87	80	72	65
-52.5°	120	115	110	105	99	94	88	81	74	68	62
-55°	113	108	103	98	93	88	82	76	70	64	58
-57.5°	105	101	96	92	88	82	77	71	65	59	53
-60°	97	93	89	85	81	76	70	65	59	54	48
-62.5°	87	84	80	76	73	68	63	58	53	48	43
-65°	77	73	70	67	63	59	54	50	46	42	38
-67.5°	67	64	60	57	53	50	46	43	40	36	32
-70°	57	55	52	49	45	42	39	36	33	30	26
-72.5°	48	46	44	41	38	35	33	30	27	24	22
-75°	40	38	36	34	31	29	26	24	22	20	18
-77.5°	31	30	28	26	25	23	21	19	17	15	14
-80°	23	22	21	20	18	17	16	14	13	11	10
-82.5°	16	15	15	14	13	12	11	9	8	7	6
-85°	10	9	9	8	7	7	6	5	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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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626614 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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	7	5	3	2	1	1	1	1
42.5°	23	20	15	10	7	4	3	2	1	1	1
40°	28	24	19	14	9	6	4	2	1	1	1
37.5°	33	28	23	18	12	8	5	3	1	1	1
35°	38	33	27	21	15	10	6	4	2	1	1
32.5°	43	37	30	24	18	13	8	5	3	2	1
30°	48	41	34	28	21	15	10	7	4	2	1
27.5°	54	45	37	31	24	18	12	8	5	3	1
25°	59	49	41	33	27	20	14	9	6	3	2
22.5°	64	54	44	36	30	22	16	11	7	4	2
20°	68	58	47	39	32	25	18	13	8	5	2
17.5°	73	62	52	43	35	27	20	14	9	5	3
15°	78	67	56	46	38	29	22	16	10	6	3
12.5°	82	70	59	49	40	31	24	17	11	7	4
10°	86	74	62	52	43	33	25	18	12	7	4
7.5°	89	77	65	55	45	35	26	19	13	8	5
5°	92	79	67	57	47	37	28	20	14	8	5
2.5°	94	81	69	58	48	38	29	21	15	9	6
0°	95	82	70	59	49	39	30	22	16	9	6
-2.5°	96	83	71	60	50	41	31	22	16	10	6
-5°	96	84	72	61	51	42	31	23	17	11	6
-7.5°	97	84	73	62	52	43	32	23	17	11	6
-10°	97	85	74	63	52	43	32	24	17	12	6
-12.5°	97	85	74	63	53	43	33	24	18	12	6
-15°	96	85	74	63	53	43	33	24	18	12	6
-17.5°	95	84	73	62	53	43	33	25	18	12	7
-20°	94	83	72	61	52	43	33	25	18	12	7

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REPORT NUMBER: P626614 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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°	92	82	71	60	51	42	33	24	18	12	7
-25°	90	80	69	60	51	42	33	24	17	11	7
-27.5°	88	78	68	59	50	41	32	23	17	11	7
-30°	85	76	66	57	49	40	30	22	16	11	7
-32.5°	82	73	64	56	47	38	29	22	16	11	7
-35°	79	71	62	53	45	37	28	20	15	11	7
-37.5°	76	68	60	51	43	35	27	20	14	10	7
-40°	73	65	57	49	41	33	26	19	14	10	7
-42.5°	70	62	54	47	39	32	25	19	14	10	7
-45°	66	58	52	44	37	30	24	18	13	9	6
-47.5°	62	56	49	42	35	29	22	17	12	9	6
-50°	59	53	46	39	33	27	21	16	12	8	6
-52.5°	56	49	42	36	31	25	19	14	11	8	5
-55°	51	45	39	33	28	23	17	13	10	7	5
-57.5°	47	41	35	30	25	20	16	12	9	6	4
-60°	42	37	32	27	22	18	14	11	8	6	4
-62.5°	38	33	28	24	19	16	12	10	7	5	4
-65°	33	29	24	20	17	14	11	8	6	5	3
-67.5°	28	24	21	17	14	12	9	7	6	4	3
-70°	23	20	17	14	12	10	8	6	5	4	3
-72.5°	19	16	14	11	10	8	7	5	4	3	2
-75°	15	13	11	9	8	7	5	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: P626614 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-735-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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CATALOG NUMBER: GFLD-SA1B-735-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°	3	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)