

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: LUMIERE

Report Number: G2-1802-569-30 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **203-8LED4025-12-BK-LVR**

Test Date: 04/06/18

Test Information

Test Method: LM-79-08
Report Number: G2-1802-569-30 (CONVERTED FROM TYPE C PHOTOMETRY)
Test Lab: INNOVATION CENTER(G2)
Test Date: 04/06/18
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 203-8LED4025-12-BK-LVR
Description: CAMBRIA 203 LED LUMINAIRE, 8 WATT, 4000K CCT, 25 DEGREE NARROW OPTIC, REGRESSED HOOD BLACK, HEX CELL LOUVER
Light Source: (1) SORAA 4000K 95 CRI LED
SM16-07-25D-940-03
Ballast/Driver: (1) CHROMA POWER SUPPLY IN0004

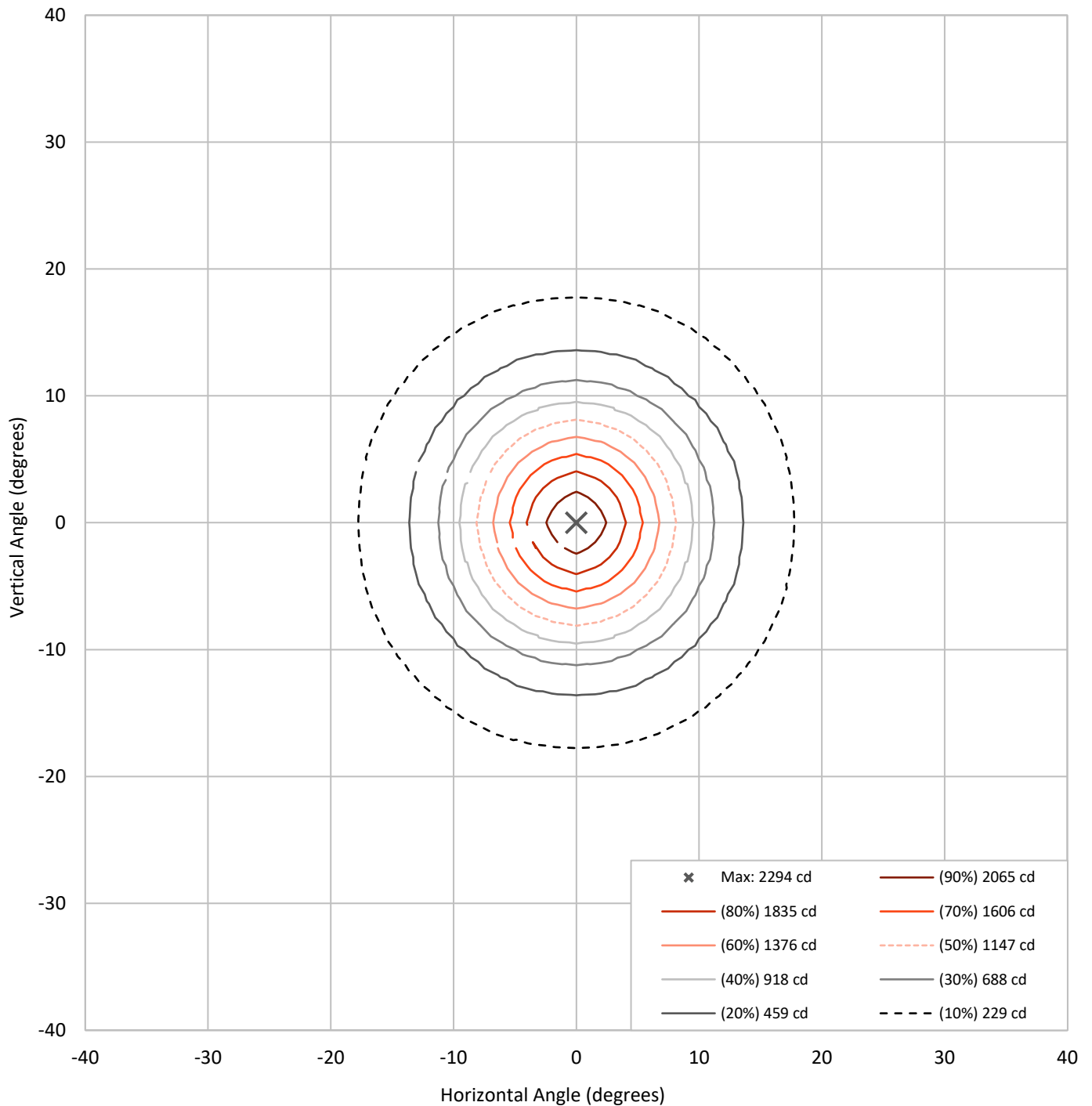
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	270.9 lumens	Max Intensity:	2294 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	33.9 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	16.2°H x 16.2°V	Field Angle (10%):	35.4°H x 35.4°V
Beam Lumens:	96.7 lumens	Field Lumens:	223.2 lumens
Beam Efficiency:	35.7%	Field Efficiency:	82.4%
Input Watts (W):	8		
Input Voltage (V):	12.0		
Input Current (Ain):	0.693		
Voltage Rise (V):	NR		
Power Factor:	0.991		
Total Harmonic Distortion (THDi):	27.0		
Frequency (hertz):	60		
Stabilization Time:	0.5 HR		
Operation Time:	3 HR		
Ambient Temperature (°C):	25.0		
Test Distance:	25 FT		



REPORT NUMBER: G2-1802-569-30 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





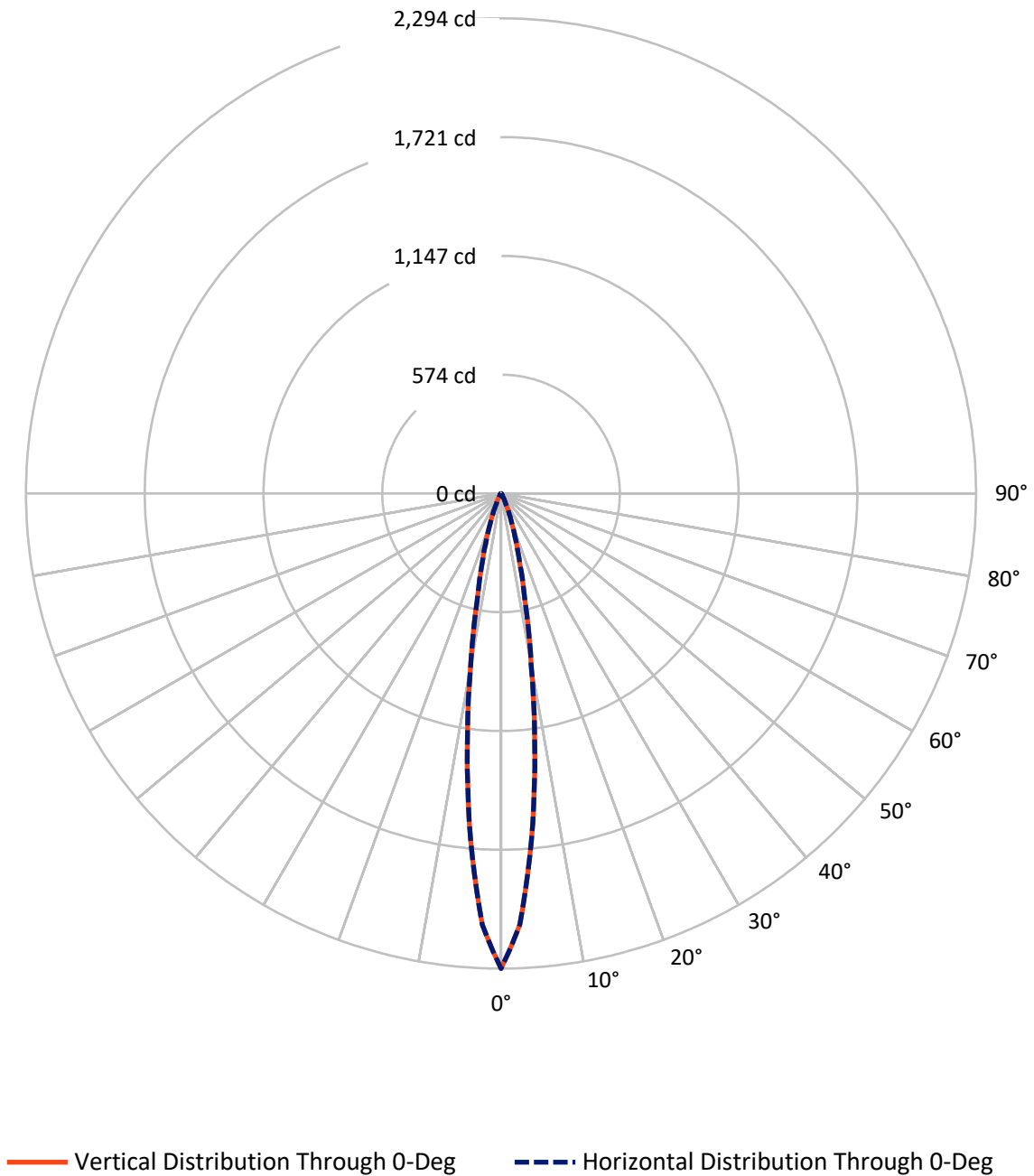
REPORT NUMBER: G2-1802-569-30 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.0														
80	0.0														
70	0.0														
60	0.0														
50	0.0														
40	0.0														
30	0.0														
20	0.0														
10	0.0														
0	0.0														
-10	0.0														
-20	0.0														
-30	0.0														
-40	0.0														
-50	0.0														
-60	0.0														
-70	0.0														
-80	0.0														
-90	0.0														

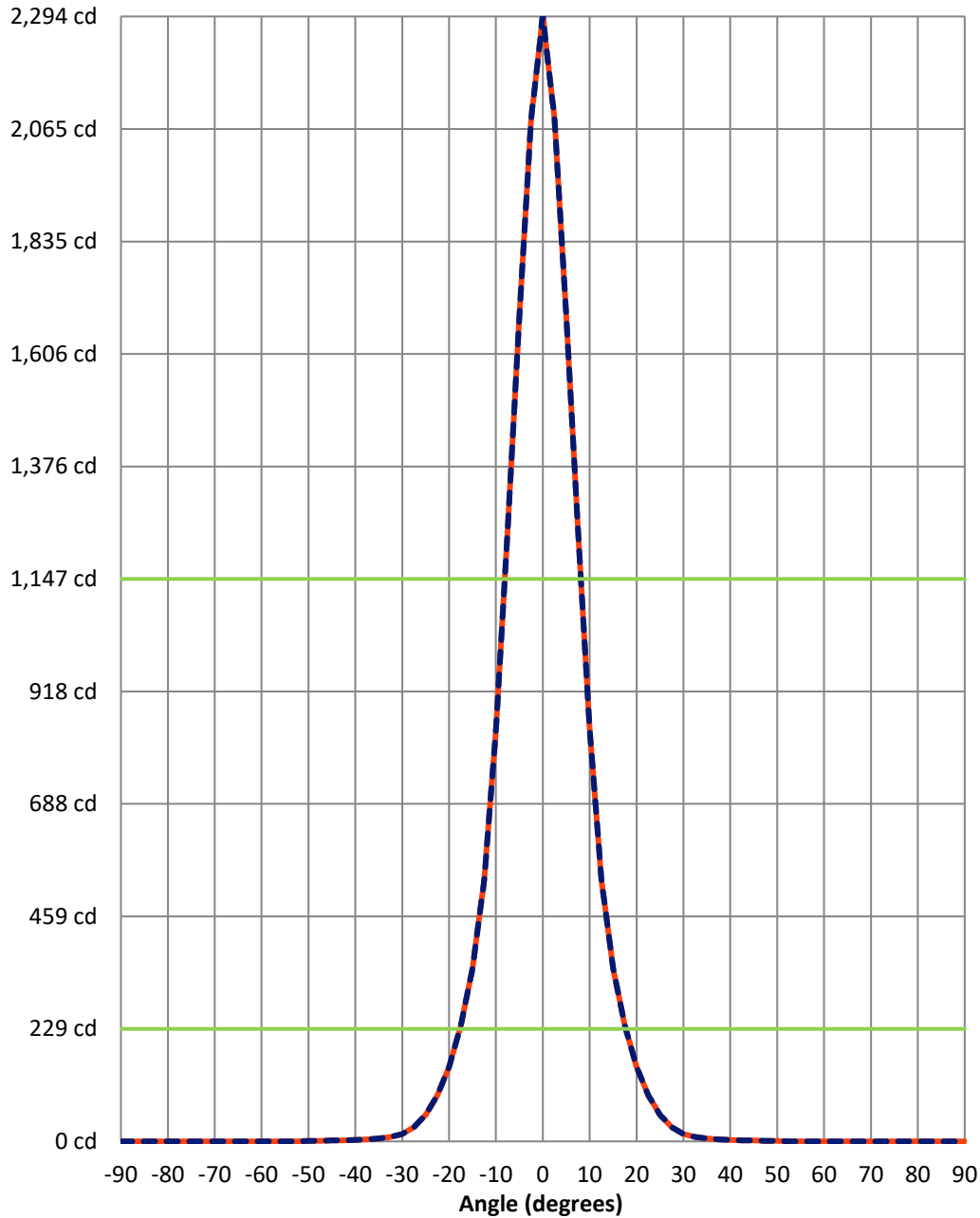
REPORT NUMBER: G2-1802-569-30 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 16.2°
V Angle: 16.2°
Lumens: 96.7
Efficiency: 35.7%

Field:
H Angle: 35.4°
V Angle: 35.4°
Lumens: 223.2
Efficiency: 82.4%

Spill:
Lumens: 47.6
Efficiency: 17.6%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-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	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
0°	0	0	0	0	0	0	0	0	0	0	0
-2.5°	0	0	0	0	0	0	0	0	0	0	0
-5°	0	0	0	0	0	0	0	0	0	0	0
-7.5°	0	0	0	0	0	0	0	0	0	0	0
-10°	0	0	0	0	0	0	0	0	0	0	0
-12.5°	0	0	0	0	0	0	0	0	0	0	0
-15°	0	0	0	0	0	0	0	0	0	0	0
-17.5°	0	0	0	0	0	0	0	0	0	0	0
-20°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: G2-1802-569-30 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-BK-LVR

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	0	0	0	0	0	0	0
-25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-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: G2-1802-569-30 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-BK-LVR

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	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	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0	0	0	0	1
35°	0	0	0	0	0	0	0	0	0	1	1
32.5°	0	0	0	0	0	0	0	0	0	1	1
30°	0	0	0	0	0	0	0	0	1	1	1
27.5°	0	0	0	0	0	0	0	1	1	1	2
25°	0	0	0	0	0	0	0	1	1	2	2
22.5°	0	0	0	0	0	0	0	1	1	2	2
20°	0	0	0	0	0	0	1	1	2	2	2
17.5°	0	0	0	0	0	0	1	1	2	2	3
15°	0	0	0	0	0	0	1	1	2	2	3
12.5°	0	0	0	0	0	1	1	1	2	2	3
10°	0	0	0	0	0	1	1	2	2	3	4
7.5°	0	0	0	0	0	1	1	2	2	3	4
5°	0	0	0	0	0	1	1	2	2	3	4
2.5°	0	0	0	0	0	1	1	2	2	3	4
0°	0	0	0	0	0	1	1	2	2	3	4
-2.5°	0	0	0	0	0	1	1	2	2	3	4
-5°	0	0	0	0	0	1	1	2	2	3	4
-7.5°	0	0	0	0	0	1	1	2	2	3	4
-10°	0	0	0	0	0	1	1	2	2	3	4
-12.5°	0	0	0	0	0	1	1	1	2	2	3
-15°	0	0	0	0	0	0	1	1	2	2	3
-17.5°	0	0	0	0	0	0	1	1	2	2	3
-20°	0	0	0	0	0	0	1	1	2	2	2



REPORT NUMBER: G2-1802-569-30 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-BK-LVR

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	0	0	0	0	0	0	0	1	1	2	2
-25°	0	0	0	0	0	0	0	1	1	2	2
-27.5°	0	0	0	0	0	0	0	1	1	1	2
-30°	0	0	0	0	0	0	0	0	1	1	1
-32.5°	0	0	0	0	0	0	0	0	0	1	1
-35°	0	0	0	0	0	0	0	0	0	1	1
-37.5°	0	0	0	0	0	0	0	0	0	0	1
-40°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-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: G2-1802-569-30 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-BK-LVR

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	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	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	1	1
47.5°	0	0	0	0	0	0	1	1	1	1	1
45°	0	0	0	1	1	1	1	1	1	1	2
42.5°	0	0	1	1	1	1	2	2	2	2	2
40°	1	1	1	1	2	2	2	2	2	2	3
37.5°	1	1	1	2	2	2	2	3	3	3	4
35°	1	1	2	2	2	3	3	4	4	4	5
32.5°	1	2	2	2	3	3	4	5	6	7	7
30°	2	2	2	3	4	5	6	7	8	10	11
27.5°	2	2	3	4	5	6	8	10	12	15	20
25°	2	3	4	5	6	8	11	15	21	27	36
22.5°	3	3	5	6	8	12	16	25	36	48	62
20°	3	4	6	8	11	16	26	41	57	79	99
17.5°	4	5	7	10	15	25	41	61	88	120	150
15°	4	6	8	12	21	36	57	88	127	171	220
12.5°	4	7	10	15	27	48	79	120	171	232	308
10°	5	7	11	20	36	62	99	150	220	308	418
7.5°	5	8	13	24	44	76	122	186	272	386	537
5°	6	9	14	27	49	86	138	213	316	465	697
2.5°	6	9	15	28	53	92	149	230	344	516	803
0°	6	9	15	29	54	94	152	236	353	534	840
-2.5°	6	9	15	28	53	92	149	230	344	516	803
-5°	6	9	14	27	49	86	138	213	316	465	697
-7.5°	5	8	13	24	44	76	122	186	272	386	537
-10°	5	7	11	20	36	62	99	150	220	308	418
-12.5°	4	7	10	15	27	48	79	120	171	232	308
-15°	4	6	8	12	21	36	57	88	127	171	220
-17.5°	4	5	7	10	15	25	41	61	88	120	150
-20°	3	4	6	8	11	16	26	41	57	79	99



REPORT NUMBER: G2-1802-569-30 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-BK-LVR

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3	3	5	6	8	12	16	25	36	48	62
-25°	2	3	4	5	6	8	11	15	21	27	36
-27.5°	2	2	3	4	5	6	8	10	12	15	20
-30°	2	2	2	3	4	5	6	7	8	10	11
-32.5°	1	2	2	2	3	3	4	5	6	7	7
-35°	1	1	2	2	2	3	3	4	4	4	5
-37.5°	1	1	1	2	2	2	2	3	3	3	4
-40°	1	1	1	1	2	2	2	2	2	2	3
-42.5°	0	0	1	1	1	1	2	2	2	2	2
-45°	0	0	0	1	1	1	1	1	1	1	2
-47.5°	0	0	0	0	0	0	1	1	1	1	1
-50°	0	0	0	0	0	0	0	0	0	1	1
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-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: G2-1802-569-30 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-BK-LVR

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°	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	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
50°	1	1	1	1	1	1	1	1	1	0	0
47.5°	1	1	1	1	1	1	1	1	1	1	1
45°	2	2	2	2	2	2	2	2	1	1	1
42.5°	2	2	2	2	2	2	2	2	2	2	2
40°	3	3	3	3	3	3	3	3	2	2	2
37.5°	4	4	4	4	4	4	4	4	3	3	3
35°	5	6	6	6	6	6	5	5	4	4	4
32.5°	8	9	9	9	9	9	8	7	7	6	5
30°	13	14	15	15	15	14	13	11	10	8	7
27.5°	24	27	28	29	28	27	24	20	15	12	10
25°	44	49	53	54	53	49	44	36	27	21	15
22.5°	76	86	92	94	92	86	76	62	48	36	25
20°	122	138	149	152	149	138	122	99	79	57	41
17.5°	186	213	230	236	230	213	186	150	120	88	61
15°	272	316	344	353	344	316	272	220	171	127	88
12.5°	386	465	516	534	516	465	386	308	232	171	120
10°	537	697	803	840	803	697	537	418	308	220	150
7.5°	768	993	1176	1248	1176	993	768	537	386	272	186
5°	993	1325	1583	1683	1583	1325	993	697	465	316	213
2.5°	1176	1583	1933	2084	1933	1583	1176	803	516	344	230
0°	1248	1683	2084	2294	2084	1683	1248	840	534	353	236
-2.5°	1176	1583	1933	2084	1933	1583	1176	803	516	344	230
-5°	993	1325	1583	1683	1583	1325	993	697	465	316	213
-7.5°	768	993	1176	1248	1176	993	768	537	386	272	186
-10°	537	697	803	840	803	697	537	418	308	220	150
-12.5°	386	465	516	534	516	465	386	308	232	171	120
-15°	272	316	344	353	344	316	272	220	171	127	88
-17.5°	186	213	230	236	230	213	186	150	120	88	61
-20°	122	138	149	152	149	138	122	99	79	57	41



REPORT NUMBER: G2-1802-569-30 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-BK-LVR

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	76	86	92	94	92	86	76	62	48	36	25
-25°	44	49	53	54	53	49	44	36	27	21	15
-27.5°	24	27	28	29	28	27	24	20	15	12	10
-30°	13	14	15	15	15	14	13	11	10	8	7
-32.5°	8	9	9	9	9	9	8	7	7	6	5
-35°	5	6	6	6	6	6	5	5	4	4	4
-37.5°	4	4	4	4	4	4	4	4	3	3	3
-40°	3	3	3	3	3	3	3	3	2	2	2
-42.5°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-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: G2-1802-569-30 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-BK-LVR

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°	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	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
47.5°	1	0	0	0	0	0	0	0	0	0	0
45°	1	1	1	1	0	0	0	0	0	0	0
42.5°	2	1	1	1	1	0	0	0	0	0	0
40°	2	2	2	1	1	1	1	0	0	0	0
37.5°	2	2	2	2	1	1	1	1	0	0	0
35°	3	3	2	2	2	1	1	1	1	0	0
32.5°	4	3	3	2	2	2	1	1	1	0	0
30°	6	5	4	3	2	2	2	1	1	1	0
27.5°	8	6	5	4	3	2	2	2	1	1	1
25°	11	8	6	5	4	3	2	2	2	1	1
22.5°	16	12	8	6	5	3	3	2	2	1	1
20°	26	16	11	8	6	4	3	2	2	2	1
17.5°	41	25	15	10	7	5	4	3	2	2	1
15°	57	36	21	12	8	6	4	3	2	2	1
12.5°	79	48	27	15	10	7	4	3	2	2	1
10°	99	62	36	20	11	7	5	4	3	2	2
7.5°	122	76	44	24	13	8	5	4	3	2	2
5°	138	86	49	27	14	9	6	4	3	2	2
2.5°	149	92	53	28	15	9	6	4	3	2	2
0°	152	94	54	29	15	9	6	4	3	2	2
-2.5°	149	92	53	28	15	9	6	4	3	2	2
-5°	138	86	49	27	14	9	6	4	3	2	2
-7.5°	122	76	44	24	13	8	5	4	3	2	2
-10°	99	62	36	20	11	7	5	4	3	2	2
-12.5°	79	48	27	15	10	7	4	3	2	2	1
-15°	57	36	21	12	8	6	4	3	2	2	1
-17.5°	41	25	15	10	7	5	4	3	2	2	1
-20°	26	16	11	8	6	4	3	2	2	2	1



REPORT NUMBER: G2-1802-569-30 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-BK-LVR

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	16	12	8	6	5	3	3	2	2	1	1
-25°	11	8	6	5	4	3	2	2	2	1	1
-27.5°	8	6	5	4	3	2	2	2	1	1	1
-30°	6	5	4	3	2	2	2	1	1	1	0
-32.5°	4	3	3	2	2	2	1	1	1	0	0
-35°	3	3	2	2	2	1	1	1	1	0	0
-37.5°	2	2	2	2	1	1	1	1	0	0	0
-40°	2	2	2	1	1	1	1	0	0	0	0
-42.5°	2	1	1	1	1	0	0	0	0	0	0
-45°	1	1	1	1	0	0	0	0	0	0	0
-47.5°	1	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-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: G2-1802-569-30 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-BK-LVR

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°	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	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
20°	1	0	0	0	0	0	0	0	0	0	0
17.5°	1	0	0	0	0	0	0	0	0	0	0
15°	1	0	0	0	0	0	0	0	0	0	0
12.5°	1	1	0	0	0	0	0	0	0	0	0
10°	1	1	0	0	0	0	0	0	0	0	0
7.5°	1	1	0	0	0	0	0	0	0	0	0
5°	1	1	0	0	0	0	0	0	0	0	0
2.5°	1	1	0	0	0	0	0	0	0	0	0
0°	1	1	0	0	0	0	0	0	0	0	0
-2.5°	1	1	0	0	0	0	0	0	0	0	0
-5°	1	1	0	0	0	0	0	0	0	0	0
-7.5°	1	1	0	0	0	0	0	0	0	0	0
-10°	1	1	0	0	0	0	0	0	0	0	0
-12.5°	1	1	0	0	0	0	0	0	0	0	0
-15°	1	0	0	0	0	0	0	0	0	0	0
-17.5°	1	0	0	0	0	0	0	0	0	0	0
-20°	1	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: G2-1802-569-30 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-BK-LVR

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	0	0	0	0	0	0	0	0	0	0	0
-25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-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: G2-1802-569-30 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-BK-LVR

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°	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0
0°	0	0	0	0	0	0	0
-2.5°	0	0	0	0	0	0	0
-5°	0	0	0	0	0	0	0
-7.5°	0	0	0	0	0	0	0
-10°	0	0	0	0	0	0	0
-12.5°	0	0	0	0	0	0	0
-15°	0	0	0	0	0	0	0
-17.5°	0	0	0	0	0	0	0
-20°	0	0	0	0	0	0	0



REPORT NUMBER: G2-1802-569-30 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 203-8LED4025-12-BK-LVR

CANDELA DISTRIBUTION (continued):

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