

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: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LEDCR-W-BK-LC2-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29561)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-FL-LEDCR-W-BK-LC2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, WIDE
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) COLOR CHAGING MODULE, SET TO 3500K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

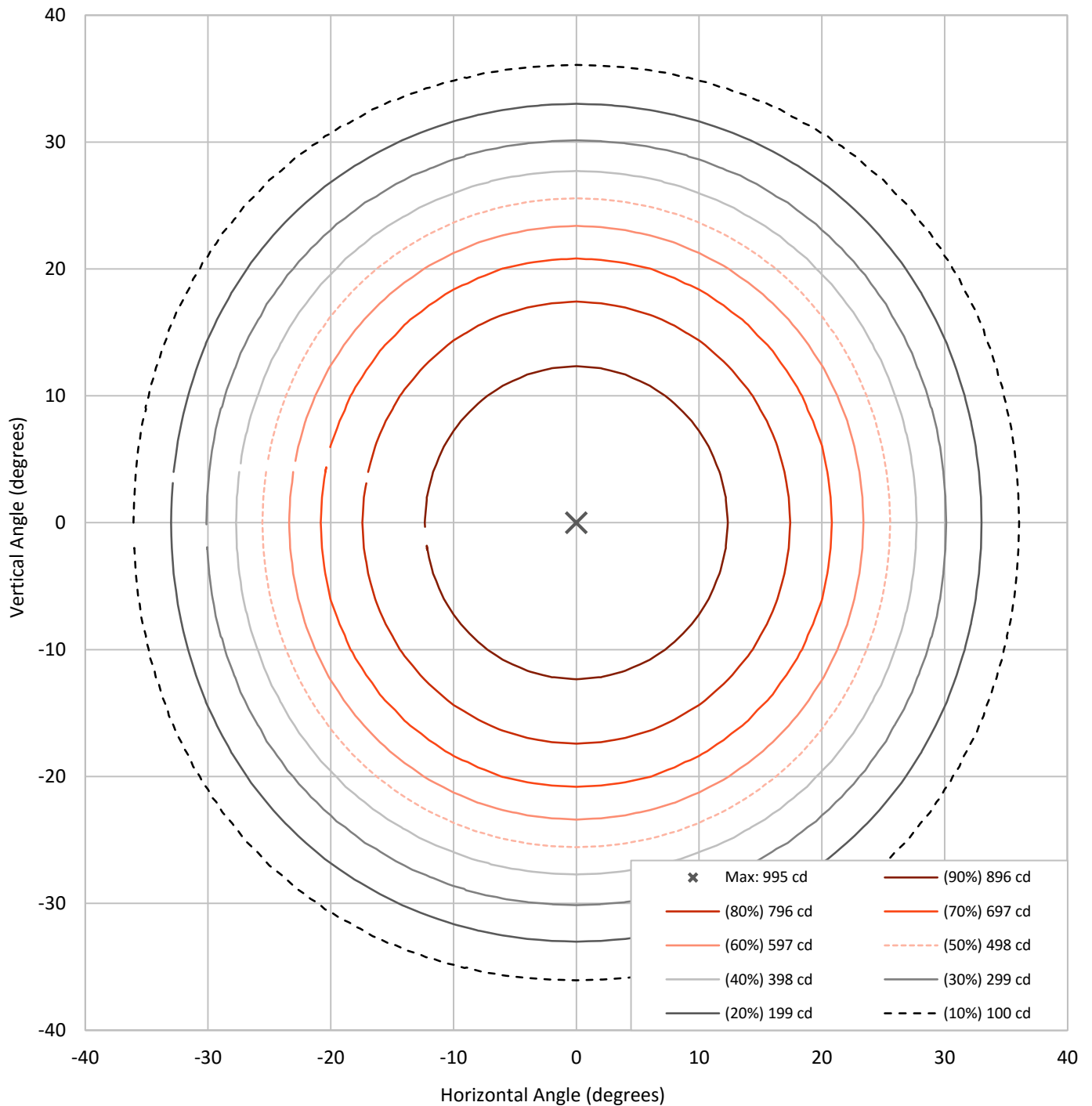
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	663.4 lumens	Max Intensity:	995 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	27.3 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	51.2°H x 51.2°V	Field Angle (10%):	72.1°H x 72.1°V
Beam Lumens:	470.6 lumens	Field Lumens:	633.3 lumens
Beam Efficiency:	70.9%	Field Efficiency:	95.5%
Input Watts (W):	24.3		
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: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

Iso-Candela Plot





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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

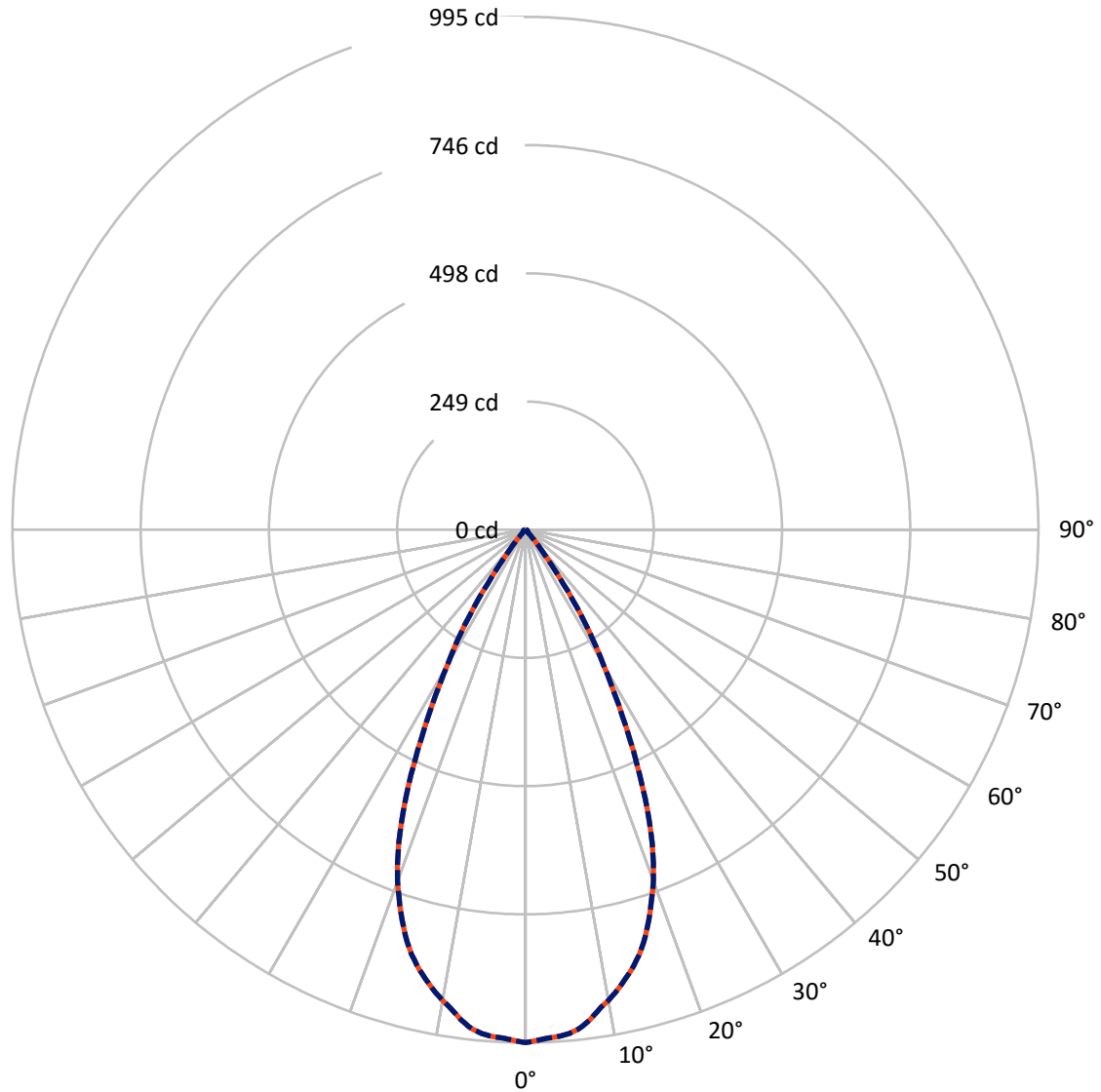
Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.1	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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
50																			
40	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
30																			
20	0.0	0.0	0.1	0.1	0.5	4.0	10.3	15.0	15.0	10.3	4.0	0.5	0.1	0.1	0.0	0.0	0.0	0.0	
10																			
0	0.0	0.0	0.1	0.2	3.3	13.7	24.1	28.8	28.8	24.1	13.7	3.3	0.2	0.1	0.0	0.0	0.0	0.0	
-10																			
-20	0.0	0.0	0.1	0.1	1.9	9.7	19.7	24.9	24.9	19.7	9.7	1.9	0.1	0.1	0.0	0.0	0.0	0.0	
-30																			
-40	0.0	0.0	0.1	0.1	0.1	0.6	2.2	4.0	4.0	2.2	0.6	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
-50																			
-60	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
-70																			
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

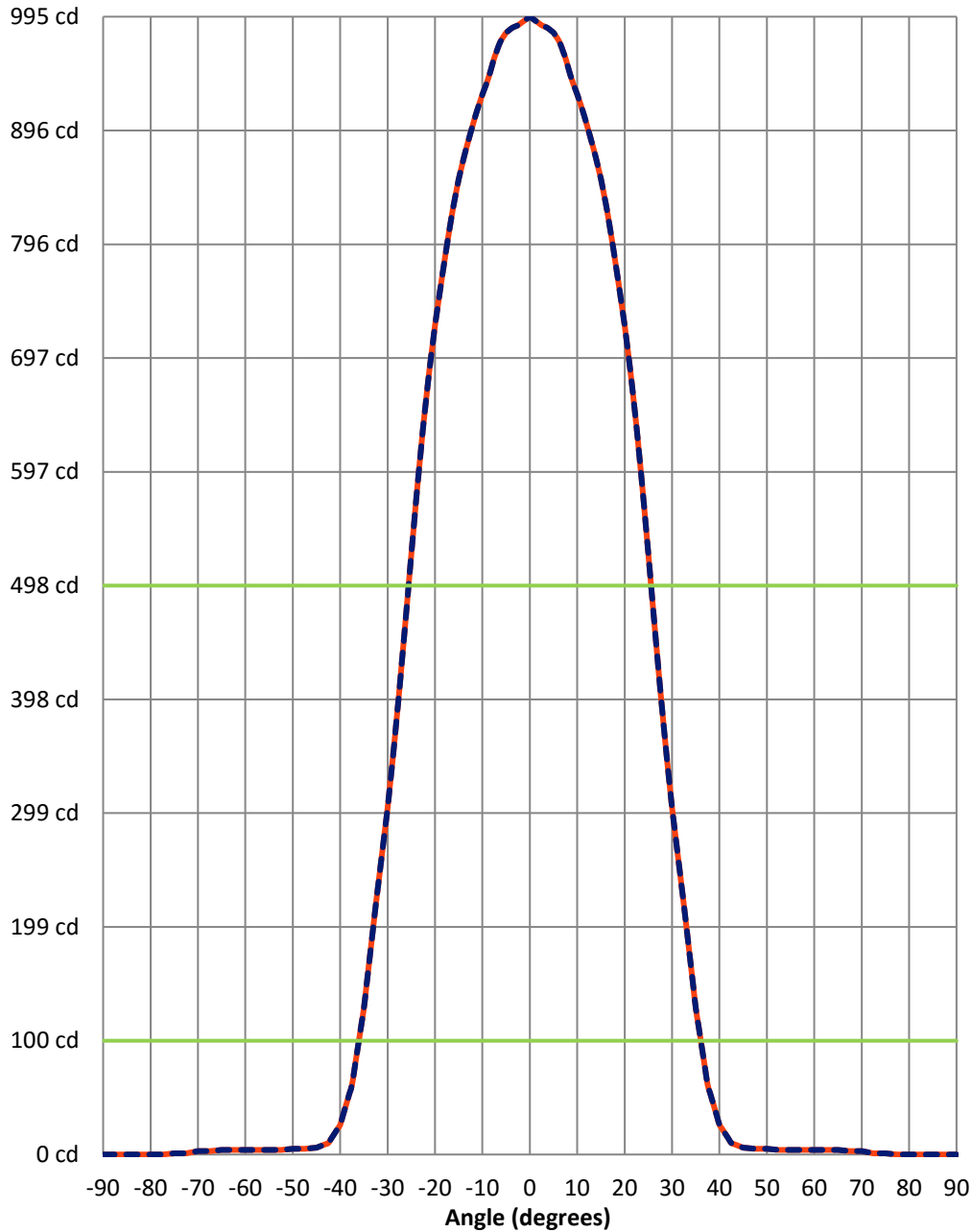
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 51.2°
 V Angle: 51.2°
 Lumens: 470.6
 Efficiency: 70.9%

Field:
 H Angle: 72.1°
 V Angle: 72.1°
 Lumens: 633.3
 Efficiency: 95.5%

Spill:
 Lumens: 30.1
 Efficiency: 4.5%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
48.75°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
46.25°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
43.75°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
41.25°	0	0	0	0	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0	0	0	0	0
38.75°	0	0	0	0	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0	0	0	0	0
36.25°	0	0	0	0	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
28.75°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
26.25°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
23.75°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
21.25°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
18.75°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
16.25°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
13.75°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
11.25°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
8.75°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
6.25°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
3.75°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
1.25°	0	0	0	0	0	0	0	0	0	0	0
0°	0	0	0	0	0	0	0	0	0	0	0
-1.25°	0	0	0	0	0	0	0	0	0	0	0
-2.5°	0	0	0	0	0	0	0	0	0	0	0
-3.75°	0	0	0	0	0	0	0	0	0	0	0
-5°	0	0	0	0	0	0	0	0	0	0	0
-6.25°	0	0	0	0	0	0	0	0	0	0	0
-7.5°	0	0	0	0	0	0	0	0	0	0	0
-8.75°	0	0	0	0	0	0	0	0	0	0	0
-10°	0	0	0	0	0	0	0	0	0	0	0
-11.25°	0	0	0	0	0	0	0	0	0	0	0
-12.5°	0	0	0	0	0	0	0	0	0	0	0
-13.75°	0	0	0	0	0	0	0	0	0	0	0
-15°	0	0	0	0	0	0	0	0	0	0	0
-16.25°	0	0	0	0	0	0	0	0	0	0	0
-17.5°	0	0	0	0	0	0	0	0	0	0	0
-18.75°	0	0	0	0	0	0	0	0	0	0	0
-20°	0	0	0	0	0	0	0	0	0	0	0
-21.25°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	0	0	0	0	0	0	0
-23.75°	0	0	0	0	0	0	0	0	0	0	0
-25°	0	0	0	0	0	0	0	0	0	0	0
-26.25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-28.75°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	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: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	1
55°	0	0	0	0	0	0	0	0	0	1	1
53.75°	0	0	0	0	0	0	0	0	1	1	1
52.5°	0	0	0	0	0	0	0	0	1	1	1
51.25°	0	0	0	0	0	0	0	1	1	1	1
50°	0	0	0	0	0	0	0	1	1	1	1
48.75°	0	0	0	0	0	0	1	1	1	1	1
47.5°	0	0	0	0	0	0	1	1	1	1	1
46.25°	0	0	0	0	0	0	1	1	1	1	1
45°	0	0	0	0	0	1	1	1	1	1	2
43.75°	0	0	0	0	0	1	1	1	1	1	2
42.5°	0	0	0	0	0	1	1	1	1	2	2
41.25°	0	0	0	0	1	1	1	1	1	2	3
40°	0	0	0	0	1	1	1	1	1	2	3
38.75°	0	0	0	0	1	1	1	1	2	2	3
37.5°	0	0	0	1	1	1	1	1	2	3	3
36.25°	0	0	0	1	1	1	1	1	2	3	3
35°	0	0	0	1	1	1	1	2	2	3	3



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	0	0	0	1	1	1	1	2	3	3	3
32.5°	0	0	0	1	1	1	1	2	3	3	3
31.25°	0	0	1	1	1	1	1	2	3	3	3
30°	0	0	1	1	1	1	2	2	3	3	3
28.75°	0	0	1	1	1	1	2	3	3	3	3
27.5°	0	0	1	1	1	1	2	3	3	3	3
26.25°	0	0	1	1	1	1	2	3	3	3	3
25°	0	0	1	1	1	1	2	3	3	3	3
23.75°	0	0	1	1	1	2	2	3	3	3	4
22.5°	0	1	1	1	1	2	3	3	3	3	4
21.25°	0	1	1	1	1	2	3	3	3	3	4
20°	0	1	1	1	1	2	3	3	3	3	4
18.75°	0	1	1	1	1	2	3	3	3	3	4
17.5°	0	1	1	1	1	2	3	3	3	4	4
16.25°	0	1	1	1	1	2	3	3	3	4	4
15°	0	1	1	1	1	2	3	3	3	4	4
13.75°	0	1	1	1	2	3	3	3	3	4	4
12.5°	0	1	1	1	2	3	3	3	3	4	4
11.25°	0	1	1	1	2	3	3	3	3	4	4
10°	0	1	1	1	2	3	3	3	3	4	4
8.75°	0	1	1	1	2	3	3	3	3	4	4
7.5°	0	1	1	1	2	3	3	3	3	4	4
6.25°	0	1	1	1	2	3	3	3	3	4	4
5°	0	1	1	1	2	3	3	3	3	4	4
3.75°	0	1	1	1	2	3	3	3	3	4	4
2.5°	0	1	1	1	2	3	3	3	3	4	4
1.25°	0	1	1	1	2	3	3	3	3	4	4
0°	1	1	1	1	2	3	3	3	4	4	4
-1.25°	0	1	1	1	2	3	3	3	3	4	4
-2.5°	0	1	1	1	2	3	3	3	3	4	4
-3.75°	0	1	1	1	2	3	3	3	3	4	4
-5°	0	1	1	1	2	3	3	3	3	4	4
-6.25°	0	1	1	1	2	3	3	3	3	4	4
-7.5°	0	1	1	1	2	3	3	3	3	4	4
-8.75°	0	1	1	1	2	3	3	3	3	4	4
-10°	0	1	1	1	2	3	3	3	3	4	4
-11.25°	0	1	1	1	2	3	3	3	3	4	4
-12.5°	0	1	1	1	2	3	3	3	3	4	4
-13.75°	0	1	1	1	2	3	3	3	3	4	4
-15°	0	1	1	1	1	2	3	3	3	4	4
-16.25°	0	1	1	1	1	2	3	3	3	4	4
-17.5°	0	1	1	1	1	2	3	3	3	4	4
-18.75°	0	1	1	1	1	2	3	3	3	3	4
-20°	0	1	1	1	1	2	3	3	3	3	4
-21.25°	0	1	1	1	1	2	3	3	3	3	4



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	0	1	1	1	1	2	3	3	3	3	4
-23.75°	0	0	1	1	1	2	2	3	3	3	4
-25°	0	0	1	1	1	1	2	3	3	3	3
-26.25°	0	0	1	1	1	1	2	3	3	3	3
-27.5°	0	0	1	1	1	1	2	3	3	3	3
-28.75°	0	0	1	1	1	1	2	3	3	3	3
-30°	0	0	1	1	1	1	2	2	3	3	3
-31.25°	0	0	1	1	1	1	1	2	3	3	3
-32.5°	0	0	0	1	1	1	1	2	3	3	3
-33.75°	0	0	0	1	1	1	1	2	3	3	3
-35°	0	0	0	1	1	1	1	2	2	3	3
-36.25°	0	0	0	1	1	1	1	1	2	3	3
-37.5°	0	0	0	1	1	1	1	1	2	3	3
-38.75°	0	0	0	0	1	1	1	1	2	2	3
-40°	0	0	0	0	1	1	1	1	1	2	3
-41.25°	0	0	0	0	1	1	1	1	1	2	3
-42.5°	0	0	0	0	0	1	1	1	1	2	2
-43.75°	0	0	0	0	0	1	1	1	1	1	2
-45°	0	0	0	0	0	1	1	1	1	1	2
-46.25°	0	0	0	0	0	0	1	1	1	1	1
-47.5°	0	0	0	0	0	0	1	1	1	1	1
-48.75°	0	0	0	0	0	0	1	1	1	1	1
-50°	0	0	0	0	0	0	0	1	1	1	1
-51.25°	0	0	0	0	0	0	0	1	1	1	1
-52.5°	0	0	0	0	0	0	0	0	1	1	1
-53.75°	0	0	0	0	0	0	0	0	1	1	1
-55°	0	0	0	0	0	0	0	0	0	1	1
-56.25°	0	0	0	0	0	0	0	0	0	0	1
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	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: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	1	1
66.25°	0	0	0	0	0	0	0	1	1	1	1
65°	0	0	0	0	0	0	1	1	1	1	1
63.75°	0	0	0	0	0	1	1	1	1	1	1
62.5°	0	0	0	1	1	1	1	1	1	1	1
61.25°	0	0	1	1	1	1	1	1	1	1	1
60°	0	1	1	1	1	1	1	1	1	2	2
58.75°	1	1	1	1	1	1	1	1	2	2	3
57.5°	1	1	1	1	1	1	1	2	2	3	3
56.25°	1	1	1	1	1	1	2	2	3	3	3
55°	1	1	1	1	1	2	2	3	3	3	3
53.75°	1	1	1	1	2	2	3	3	3	3	3
52.5°	1	1	1	2	2	3	3	3	3	3	3
51.25°	1	1	2	2	3	3	3	3	3	3	3
50°	1	1	2	3	3	3	3	3	3	3	4
48.75°	1	2	2	3	3	3	3	3	3	4	4
47.5°	2	2	3	3	3	3	3	3	4	4	4
46.25°	2	3	3	3	3	3	3	4	4	4	4
45°	2	3	3	3	3	3	4	4	4	4	4
43.75°	3	3	3	3	3	3	4	4	4	4	4
42.5°	3	3	3	3	3	4	4	4	4	4	4
41.25°	3	3	3	3	4	4	4	4	4	4	4
40°	3	3	3	3	4	4	4	4	4	4	4
38.75°	3	3	3	4	4	4	4	4	4	4	4
37.5°	3	3	3	4	4	4	4	4	4	4	4
36.25°	3	3	4	4	4	4	4	4	4	4	4
35°	3	3	4	4	4	4	4	4	4	4	4



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	3	3	4	4	4	4	4	4	4	4	4
32.5°	3	4	4	4	4	4	4	4	4	4	4
31.25°	3	4	4	4	4	4	4	4	4	4	4
30°	3	4	4	4	4	4	4	4	4	4	4
28.75°	4	4	4	4	4	4	4	4	4	4	4
27.5°	4	4	4	4	4	4	4	4	4	4	4
26.25°	4	4	4	4	4	4	4	4	4	4	4
25°	4	4	4	4	4	4	4	4	4	4	4
23.75°	4	4	4	4	4	4	4	4	4	4	4
22.5°	4	4	4	4	4	4	4	4	4	4	4
21.25°	4	4	4	4	4	4	4	4	4	4	4
20°	4	4	4	4	4	4	4	4	4	4	4
18.75°	4	4	4	4	4	4	4	4	4	4	4
17.5°	4	4	4	4	4	4	4	4	4	4	4
16.25°	4	4	4	4	4	4	4	4	4	4	4
15°	4	4	4	4	4	4	4	4	4	4	4
13.75°	4	4	4	4	4	4	4	4	4	4	4
12.5°	4	4	4	4	4	4	4	4	4	4	5
11.25°	4	4	4	4	4	4	4	4	4	4	5
10°	4	4	4	4	4	4	4	4	4	4	5
8.75°	4	4	4	4	4	4	4	4	4	4	5
7.5°	4	4	4	4	4	4	4	4	4	4	5
6.25°	4	4	4	4	4	4	4	4	4	4	5
5°	4	4	4	4	4	4	4	4	4	4	5
3.75°	4	4	4	4	4	4	4	4	4	4	5
2.5°	4	4	4	4	4	4	4	4	4	4	5
1.25°	4	4	4	4	4	4	4	4	4	4	5
0°	4	4	4	4	4	4	4	4	4	5	5
-1.25°	4	4	4	4	4	4	4	4	4	4	5
-2.5°	4	4	4	4	4	4	4	4	4	4	5
-3.75°	4	4	4	4	4	4	4	4	4	4	5
-5°	4	4	4	4	4	4	4	4	4	4	5
-6.25°	4	4	4	4	4	4	4	4	4	4	5
-7.5°	4	4	4	4	4	4	4	4	4	4	5
-8.75°	4	4	4	4	4	4	4	4	4	4	5
-10°	4	4	4	4	4	4	4	4	4	4	5
-11.25°	4	4	4	4	4	4	4	4	4	4	5
-12.5°	4	4	4	4	4	4	4	4	4	4	5
-13.75°	4	4	4	4	4	4	4	4	4	4	4
-15°	4	4	4	4	4	4	4	4	4	4	4
-16.25°	4	4	4	4	4	4	4	4	4	4	4
-17.5°	4	4	4	4	4	4	4	4	4	4	4
-18.75°	4	4	4	4	4	4	4	4	4	4	4
-20°	4	4	4	4	4	4	4	4	4	4	4
-21.25°	4	4	4	4	4	4	4	4	4	4	4



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	4	4	4	4	4	4	4	4	4	4	4
-23.75°	4	4	4	4	4	4	4	4	4	4	4
-25°	4	4	4	4	4	4	4	4	4	4	4
-26.25°	4	4	4	4	4	4	4	4	4	4	4
-27.5°	4	4	4	4	4	4	4	4	4	4	4
-28.75°	4	4	4	4	4	4	4	4	4	4	4
-30°	3	4	4	4	4	4	4	4	4	4	4
-31.25°	3	4	4	4	4	4	4	4	4	4	4
-32.5°	3	4	4	4	4	4	4	4	4	4	4
-33.75°	3	3	4	4	4	4	4	4	4	4	4
-35°	3	3	4	4	4	4	4	4	4	4	4
-36.25°	3	3	4	4	4	4	4	4	4	4	4
-37.5°	3	3	3	4	4	4	4	4	4	4	4
-38.75°	3	3	3	4	4	4	4	4	4	4	4
-40°	3	3	3	3	4	4	4	4	4	4	4
-41.25°	3	3	3	3	4	4	4	4	4	4	4
-42.5°	3	3	3	3	3	4	4	4	4	4	4
-43.75°	3	3	3	3	3	3	4	4	4	4	4
-45°	2	3	3	3	3	3	4	4	4	4	4
-46.25°	2	3	3	3	3	3	3	4	4	4	4
-47.5°	2	2	3	3	3	3	3	3	4	4	4
-48.75°	1	2	2	3	3	3	3	3	3	4	4
-50°	1	1	2	3	3	3	3	3	3	3	4
-51.25°	1	1	2	2	3	3	3	3	3	3	3
-52.5°	1	1	1	2	2	3	3	3	3	3	3
-53.75°	1	1	1	1	2	2	3	3	3	3	3
-55°	1	1	1	1	1	2	2	3	3	3	3
-56.25°	1	1	1	1	1	1	2	2	3	3	3
-57.5°	1	1	1	1	1	1	1	2	2	3	3
-58.75°	1	1	1	1	1	1	1	1	2	2	3
-60°	0	1	1	1	1	1	1	1	1	2	2
-61.25°	0	0	1	1	1	1	1	1	1	1	1
-62.5°	0	0	0	1	1	1	1	1	1	1	1
-63.75°	0	0	0	0	0	1	1	1	1	1	1
-65°	0	0	0	0	0	0	1	1	1	1	1
-66.25°	0	0	0	0	0	0	0	1	1	1	1
-67.5°	0	0	0	0	0	0	0	0	0	1	1
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	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: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	1	1
71.25°	0	0	0	0	0	0	1	1	1	1	1
70°	0	0	0	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	2	2	2
65°	1	1	1	1	1	2	2	2	2	3	3
63.75°	1	1	1	2	2	2	3	3	3	3	3
62.5°	1	2	2	2	3	3	3	3	3	3	3
61.25°	2	2	3	3	3	3	3	3	3	3	3
60°	2	3	3	3	3	3	3	3	3	3	4
58.75°	3	3	3	3	3	3	3	3	4	4	4
57.5°	3	3	3	3	3	3	4	4	4	4	4
56.25°	3	3	3	3	3	4	4	4	4	4	4
55°	3	3	3	4	4	4	4	4	4	4	4
53.75°	3	3	4	4	4	4	4	4	4	4	4
52.5°	3	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	4	4	4	4	4	4	4	4	4	4	4
43.75°	4	4	4	4	4	4	4	4	4	4	4
42.5°	4	4	4	4	4	4	4	4	4	4	4
41.25°	4	4	4	4	4	4	4	4	4	4	4
40°	4	4	4	4	4	4	4	4	4	4	4
38.75°	4	4	4	4	4	4	4	4	4	4	5
37.5°	4	4	4	4	4	4	4	4	4	5	5
36.25°	4	4	4	4	4	4	4	4	5	5	5
35°	4	4	4	4	4	4	4	5	5	5	5



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	4	4	4	4	4	4	4	5	5	5	5
32.5°	4	4	4	4	4	4	5	5	5	5	5
31.25°	4	4	4	4	4	5	5	5	5	5	5
30°	4	4	4	4	4	5	5	5	5	5	6
28.75°	4	4	4	4	5	5	5	5	5	6	6
27.5°	4	4	4	5	5	5	5	5	6	6	7
26.25°	4	4	4	5	5	5	5	5	6	7	8
25°	4	4	5	5	5	5	5	6	6	8	9
23.75°	4	4	5	5	5	5	5	6	7	9	10
22.5°	4	4	5	5	5	5	6	6	8	9	14
21.25°	4	5	5	5	5	5	6	7	9	11	18
20°	4	5	5	5	5	6	6	8	9	14	21
18.75°	4	5	5	5	5	6	7	8	11	18	25
17.5°	5	5	5	5	5	6	7	9	14	21	30
16.25°	5	5	5	5	6	6	8	10	16	24	36
15°	5	5	5	5	6	7	9	11	19	26	42
13.75°	5	5	5	5	6	7	9	14	21	32	48
12.5°	5	5	5	5	6	8	10	16	23	37	53
11.25°	5	5	5	6	6	8	10	18	25	41	58
10°	5	5	5	6	7	8	12	19	28	45	63
8.75°	5	5	5	6	7	9	13	21	32	49	70
7.5°	5	5	5	6	7	9	14	22	35	52	77
6.25°	5	5	5	6	7	9	16	23	38	55	82
5°	5	5	5	6	8	10	16	24	40	57	87
3.75°	5	5	5	6	8	10	17	25	41	59	90
2.5°	5	5	5	6	8	10	18	26	43	60	93
1.25°	5	5	5	6	8	10	18	26	43	61	94
0°	5	5	6	6	8	10	18	26	44	61	95
-1.25°	5	5	5	6	8	10	18	26	43	61	94
-2.5°	5	5	5	6	8	10	18	26	43	60	93
-3.75°	5	5	5	6	8	10	17	25	41	59	90
-5°	5	5	5	6	8	10	16	24	40	57	87
-6.25°	5	5	5	6	7	9	16	23	38	55	82
-7.5°	5	5	5	6	7	9	14	22	35	52	77
-8.75°	5	5	5	6	7	9	13	21	32	49	70
-10°	5	5	5	6	7	8	12	19	28	45	63
-11.25°	5	5	5	6	6	8	10	18	25	41	58
-12.5°	5	5	5	5	6	8	10	16	23	37	53
-13.75°	5	5	5	5	6	7	9	14	21	32	48
-15°	5	5	5	5	6	7	9	11	19	26	42
-16.25°	5	5	5	5	6	6	8	10	16	24	36
-17.5°	5	5	5	5	5	6	7	9	14	21	30
-18.75°	4	5	5	5	5	6	7	8	11	18	25
-20°	4	5	5	5	5	6	6	8	9	14	21
-21.25°	4	5	5	5	5	5	6	7	9	11	18



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	4	4	5	5	5	5	6	6	8	9	14
-23.75°	4	4	5	5	5	5	5	6	7	9	10
-25°	4	4	5	5	5	5	5	6	6	8	9
-26.25°	4	4	4	5	5	5	5	5	6	7	8
-27.5°	4	4	4	5	5	5	5	5	6	6	7
-28.75°	4	4	4	4	5	5	5	5	5	6	6
-30°	4	4	4	4	4	5	5	5	5	5	6
-31.25°	4	4	4	4	4	5	5	5	5	5	5
-32.5°	4	4	4	4	4	4	5	5	5	5	5
-33.75°	4	4	4	4	4	4	4	5	5	5	5
-35°	4	4	4	4	4	4	4	5	5	5	5
-36.25°	4	4	4	4	4	4	4	4	5	5	5
-37.5°	4	4	4	4	4	4	4	4	4	5	5
-38.75°	4	4	4	4	4	4	4	4	4	4	5
-40°	4	4	4	4	4	4	4	4	4	4	4
-41.25°	4	4	4	4	4	4	4	4	4	4	4
-42.5°	4	4	4	4	4	4	4	4	4	4	4
-43.75°	4	4	4	4	4	4	4	4	4	4	4
-45°	4	4	4	4	4	4	4	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	3	4	4	4	4	4	4	4	4	4	4
-53.75°	3	3	4	4	4	4	4	4	4	4	4
-55°	3	3	3	4	4	4	4	4	4	4	4
-56.25°	3	3	3	3	3	4	4	4	4	4	4
-57.5°	3	3	3	3	3	3	4	4	4	4	4
-58.75°	3	3	3	3	3	3	3	3	4	4	4
-60°	2	3	3	3	3	3	3	3	3	3	4
-61.25°	2	2	3	3	3	3	3	3	3	3	3
-62.5°	1	2	2	2	3	3	3	3	3	3	3
-63.75°	1	1	1	2	2	2	3	3	3	3	3
-65°	1	1	1	1	1	2	2	2	2	3	3
-66.25°	1	1	1	1	1	1	1	1	2	2	2
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	0	0	0	1	1	1	1	1	1	1	1
-71.25°	0	0	0	0	0	0	1	1	1	1	1
-72.5°	0	0	0	0	0	0	0	0	0	1	1
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	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: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	1
73.75°	0	0	0	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	2	2
68.75°	1	1	1	1	2	2	2	2	2	2	3
67.5°	2	2	2	2	2	3	3	3	3	3	3
66.25°	2	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	4	4
62.5°	3	3	3	3	3	4	4	4	4	4	4
61.25°	3	3	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	4	4	5	5	5
45°	4	4	4	4	4	4	5	5	5	5	5
43.75°	4	4	4	4	4	5	5	5	5	5	5
42.5°	4	4	4	5	5	5	5	5	5	5	5
41.25°	4	4	5	5	5	5	5	5	5	5	6
40°	5	5	5	5	5	5	5	5	6	6	6
38.75°	5	5	5	5	5	5	6	6	6	7	8
37.5°	5	5	5	5	5	6	6	7	8	9	9
36.25°	5	5	5	5	6	6	7	8	9	10	14
35°	5	5	5	6	6	7	9	10	13	17	21



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	5	5	6	6	8	9	10	15	19	23	29
32.5°	5	6	7	8	9	11	16	21	25	33	43
31.25°	6	6	8	9	12	17	22	27	37	47	56
30°	6	8	9	12	17	22	29	39	50	60	78
28.75°	7	9	11	17	22	29	41	52	64	84	104
27.5°	9	10	16	22	29	41	52	67	88	109	129
26.25°	10	15	21	27	39	52	67	89	111	134	162
25°	13	19	25	37	50	64	88	111	136	166	195
23.75°	17	23	33	47	60	84	109	134	166	197	226
22.5°	21	29	43	56	78	104	129	162	195	226	255
21.25°	25	37	51	70	96	123	155	190	223	254	284
20°	31	45	60	87	114	145	181	216	248	280	313
18.75°	38	53	74	103	131	168	205	240	273	306	343
17.5°	45	61	89	118	153	190	227	262	297	334	375
16.25°	52	73	103	134	173	212	248	284	321	363	407
15°	58	86	116	152	192	231	268	304	346	391	438
13.75°	67	98	128	169	210	248	286	326	371	419	468
12.5°	77	108	143	185	226	264	303	347	395	446	497
11.25°	87	118	157	199	240	279	321	367	418	470	524
10°	95	127	170	212	253	293	337	386	439	493	548
8.75°	103	138	181	224	264	305	352	404	458	514	569
7.5°	109	147	191	233	274	317	366	420	476	532	587
6.25°	115	155	199	242	283	328	378	433	490	548	602
5°	120	161	206	248	290	336	388	445	503	561	615
3.75°	123	166	211	254	296	343	396	454	512	571	624
2.5°	126	170	215	257	300	348	402	460	519	578	631
1.25°	127	172	217	260	302	351	406	464	524	582	635
0°	128	173	218	261	303	353	407	465	525	583	637
-1.25°	127	172	217	260	302	351	406	464	524	582	635
-2.5°	126	170	215	257	300	348	402	460	519	578	631
-3.75°	123	166	211	254	296	343	396	454	512	571	624
-5°	120	161	206	248	290	336	388	445	503	561	615
-6.25°	115	155	199	242	283	328	378	433	490	548	602
-7.5°	109	147	191	233	274	317	366	420	476	532	587
-8.75°	103	138	181	224	264	305	352	404	458	514	569
-10°	95	127	170	212	253	293	337	386	439	493	548
-11.25°	87	118	157	199	240	279	321	367	418	470	524
-12.5°	77	108	143	185	226	264	303	347	395	446	497
-13.75°	67	98	128	169	210	248	286	326	371	419	468
-15°	58	86	116	152	192	231	268	304	346	391	438
-16.25°	52	73	103	134	173	212	248	284	321	363	407
-17.5°	45	61	89	118	153	190	227	262	297	334	375
-18.75°	38	53	74	103	131	168	205	240	273	306	343
-20°	31	45	60	87	114	145	181	216	248	280	313
-21.25°	25	37	51	70	96	123	155	190	223	254	284



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	21	29	43	56	78	104	129	162	195	226	255
-23.75°	17	23	33	47	60	84	109	134	166	197	226
-25°	13	19	25	37	50	64	88	111	136	166	195
-26.25°	10	15	21	27	39	52	67	89	111	134	162
-27.5°	9	10	16	22	29	41	52	67	88	109	129
-28.75°	7	9	11	17	22	29	41	52	64	84	104
-30°	6	8	9	12	17	22	29	39	50	60	78
-31.25°	6	6	8	9	12	17	22	27	37	47	56
-32.5°	5	6	7	8	9	11	16	21	25	33	43
-33.75°	5	5	6	6	8	9	10	15	19	23	29
-35°	5	5	5	6	6	7	9	10	13	17	21
-36.25°	5	5	5	5	6	6	7	8	9	10	14
-37.5°	5	5	5	5	5	6	6	7	8	9	9
-38.75°	5	5	5	5	5	5	6	6	6	7	8
-40°	5	5	5	5	5	5	5	5	6	6	6
-41.25°	4	4	5	5	5	5	5	5	5	5	6
-42.5°	4	4	4	5	5	5	5	5	5	5	5
-43.75°	4	4	4	4	4	5	5	5	5	5	5
-45°	4	4	4	4	4	4	5	5	5	5	5
-46.25°	4	4	4	4	4	4	4	4	5	5	5
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	3	3	4	4	4	4	4	4	4	4	4
-62.5°	3	3	3	3	3	4	4	4	4	4	4
-63.75°	3	3	3	3	3	3	3	3	3	4	4
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	2	3	3	3	3	3	3	3	3	3	3
-67.5°	2	2	2	2	2	3	3	3	3	3	3
-68.75°	1	1	1	1	2	2	2	2	2	2	3
-70°	1	1	1	1	1	1	1	1	1	2	2
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	1	1	1	1	1	1	1	1
-75°	0	0	0	0	0	0	0	0	0	0	1
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	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: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	2	2	2	2	2
70°	2	2	2	2	2	2	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	5	5	5	5
48.75°	4	4	4	5	5	5	5	5	5	5	5
47.5°	5	5	5	5	5	5	5	5	5	5	5
46.25°	5	5	5	5	5	5	5	5	5	5	5
45°	5	5	5	5	5	5	5	5	6	6	6
43.75°	5	5	5	5	6	6	6	6	6	7	7
42.5°	5	6	6	6	6	7	7	8	8	8	9
41.25°	6	6	7	7	8	9	9	10	10	12	13
40°	7	8	8	9	10	11	14	16	18	19	21
38.75°	9	9	11	14	16	19	21	23	25	28	32
37.5°	11	14	18	21	24	26	32	37	41	45	49
36.25°	18	21	25	30	36	42	48	53	58	63	70
35°	25	31	38	45	52	58	67	77	87	95	103



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	37	45	53	61	73	86	98	108	118	127	138
32.5°	51	60	74	89	103	116	128	143	157	170	181
31.25°	70	87	103	118	134	152	169	185	199	212	224
30°	96	114	131	153	173	192	210	226	240	253	264
28.75°	123	145	168	190	212	231	248	264	279	293	305
27.5°	155	181	205	227	248	268	286	303	321	337	352
26.25°	190	216	240	262	284	304	326	347	367	386	404
25°	223	248	273	297	321	346	371	395	418	439	458
23.75°	254	280	306	334	363	391	419	446	470	493	514
22.5°	284	313	343	375	407	438	468	497	524	548	569
21.25°	315	348	382	418	453	486	518	548	575	599	620
20°	348	384	423	461	498	534	567	596	623	646	666
18.75°	382	423	464	504	543	579	611	640	666	687	705
17.5°	418	461	504	546	585	620	652	679	702	723	739
16.25°	453	498	543	585	623	658	687	712	734	754	771
15°	486	534	579	620	658	690	717	741	763	783	800
13.75°	518	567	611	652	687	717	744	768	790	809	827
12.5°	548	596	640	679	712	741	768	792	814	834	849
11.25°	575	623	666	702	734	763	790	814	836	853	867
10°	599	646	687	723	754	783	809	834	853	869	882
8.75°	620	666	705	739	771	800	827	849	867	882	896
7.5°	637	682	720	754	786	815	840	861	879	894	908
6.25°	653	696	733	767	798	827	851	872	888	904	918
5°	664	706	743	777	808	837	860	879	897	913	926
3.75°	673	714	751	785	816	844	867	885	903	919	932
2.5°	679	720	757	791	822	849	871	890	908	923	936
1.25°	683	724	760	794	826	852	874	893	911	926	940
0°	684	725	761	795	827	853	875	894	912	927	941
-1.25°	683	724	760	794	826	852	874	893	911	926	940
-2.5°	679	720	757	791	822	849	871	890	908	923	936
-3.75°	673	714	751	785	816	844	867	885	903	919	932
-5°	664	706	743	777	808	837	860	879	897	913	926
-6.25°	653	696	733	767	798	827	851	872	888	904	918
-7.5°	637	682	720	754	786	815	840	861	879	894	908
-8.75°	620	666	705	739	771	800	827	849	867	882	896
-10°	599	646	687	723	754	783	809	834	853	869	882
-11.25°	575	623	666	702	734	763	790	814	836	853	867
-12.5°	548	596	640	679	712	741	768	792	814	834	849
-13.75°	518	567	611	652	687	717	744	768	790	809	827
-15°	486	534	579	620	658	690	717	741	763	783	800
-16.25°	453	498	543	585	623	658	687	712	734	754	771
-17.5°	418	461	504	546	585	620	652	679	702	723	739
-18.75°	382	423	464	504	543	579	611	640	666	687	705
-20°	348	384	423	461	498	534	567	596	623	646	666
-21.25°	315	348	382	418	453	486	518	548	575	599	620



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	284	313	343	375	407	438	468	497	524	548	569
-23.75°	254	280	306	334	363	391	419	446	470	493	514
-25°	223	248	273	297	321	346	371	395	418	439	458
-26.25°	190	216	240	262	284	304	326	347	367	386	404
-27.5°	155	181	205	227	248	268	286	303	321	337	352
-28.75°	123	145	168	190	212	231	248	264	279	293	305
-30°	96	114	131	153	173	192	210	226	240	253	264
-31.25°	70	87	103	118	134	152	169	185	199	212	224
-32.5°	51	60	74	89	103	116	128	143	157	170	181
-33.75°	37	45	53	61	73	86	98	108	118	127	138
-35°	25	31	38	45	52	58	67	77	87	95	103
-36.25°	18	21	25	30	36	42	48	53	58	63	70
-37.5°	11	14	18	21	24	26	32	37	41	45	49
-38.75°	9	9	11	14	16	19	21	23	25	28	32
-40°	7	8	8	9	10	11	14	16	18	19	21
-41.25°	6	6	7	7	8	9	9	10	10	12	13
-42.5°	5	6	6	6	6	7	7	8	8	8	9
-43.75°	5	5	5	5	6	6	6	6	6	7	7
-45°	5	5	5	5	5	5	5	5	6	6	6
-46.25°	5	5	5	5	5	5	5	5	5	5	5
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	4	4	4	5	5	5	5	5	5	5	5
-50°	4	4	4	4	4	4	4	5	5	5	5
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	3	3	3	4	4	4	4	4	4	4	4
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	2	2	2	2	2	2	3	3	3	3	3
-71.25°	1	1	1	1	1	1	2	2	2	2	2
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	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: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	1	0	0	0	0
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	4	3	3	3	3
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	5	4	4	4	4
50°	5	5	5	5	5	5	5	5	5	5	5
48.75°	5	5	5	5	5	5	5	5	5	5	5
47.5°	5	5	5	5	5	5	5	5	5	5	5
46.25°	5	5	5	5	5	5	6	5	5	5	5
45°	6	6	6	6	6	6	6	6	6	6	6
43.75°	7	7	8	8	8	8	8	8	8	8	8
42.5°	9	9	10	10	10	10	10	10	10	10	10
41.25°	14	16	16	17	18	18	18	18	18	17	16
40°	22	23	24	25	26	26	26	26	26	25	24
38.75°	35	38	40	41	43	43	44	43	43	41	40
37.5°	52	55	57	59	60	61	61	61	60	59	57
36.25°	77	82	87	90	93	94	95	94	93	90	87
35°	109	115	120	123	126	127	128	127	126	123	120



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	147	155	161	166	170	172	173	172	170	166	161
32.5°	191	199	206	211	215	217	218	217	215	211	206
31.25°	233	242	248	254	257	260	261	260	257	254	248
30°	274	283	290	296	300	302	303	302	300	296	290
28.75°	317	328	336	343	348	351	353	351	348	343	336
27.5°	366	378	388	396	402	406	407	406	402	396	388
26.25°	420	433	445	454	460	464	465	464	460	454	445
25°	476	490	503	512	519	524	525	524	519	512	503
23.75°	532	548	561	571	578	582	583	582	578	571	561
22.5°	587	602	615	624	631	635	637	635	631	624	615
21.25°	637	653	664	673	679	683	684	683	679	673	664
20°	682	696	706	714	720	724	725	724	720	714	706
18.75°	720	733	743	751	757	760	761	760	757	751	743
17.5°	754	767	777	785	791	794	795	794	791	785	777
16.25°	786	798	808	816	822	826	827	826	822	816	808
15°	815	827	837	844	849	852	853	852	849	844	837
13.75°	840	851	860	867	871	874	875	874	871	867	860
12.5°	861	872	879	885	890	893	894	893	890	885	879
11.25°	879	888	897	903	908	911	912	911	908	903	897
10°	894	904	913	919	923	926	927	926	923	919	913
8.75°	908	918	926	932	936	940	941	940	936	932	926
7.5°	920	929	937	947	954	958	959	958	954	947	937
6.25°	929	940	953	962	968	972	973	972	968	962	953
5°	937	953	964	973	978	980	981	980	978	973	964
3.75°	947	962	973	979	983	985	985	985	983	979	973
2.5°	954	968	978	983	985	987	988	987	985	983	978
1.25°	958	972	980	985	987	990	991	990	987	985	980
0°	959	973	981	985	988	991	995	991	988	985	981
-1.25°	958	972	980	985	987	990	991	990	987	985	980
-2.5°	954	968	978	983	985	987	988	987	985	983	978
-3.75°	947	962	973	979	983	985	985	985	983	979	973
-5°	937	953	964	973	978	980	981	980	978	973	964
-6.25°	929	940	953	962	968	972	973	972	968	962	953
-7.5°	920	929	937	947	954	958	959	958	954	947	937
-8.75°	908	918	926	932	936	940	941	940	936	932	926
-10°	894	904	913	919	923	926	927	926	923	919	913
-11.25°	879	888	897	903	908	911	912	911	908	903	897
-12.5°	861	872	879	885	890	893	894	893	890	885	879
-13.75°	840	851	860	867	871	874	875	874	871	867	860
-15°	815	827	837	844	849	852	853	852	849	844	837
-16.25°	786	798	808	816	822	826	827	826	822	816	808
-17.5°	754	767	777	785	791	794	795	794	791	785	777
-18.75°	720	733	743	751	757	760	761	760	757	751	743
-20°	682	696	706	714	720	724	725	724	720	714	706
-21.25°	637	653	664	673	679	683	684	683	679	673	664



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	587	602	615	624	631	635	637	635	631	624	615
-23.75°	532	548	561	571	578	582	583	582	578	571	561
-25°	476	490	503	512	519	524	525	524	519	512	503
-26.25°	420	433	445	454	460	464	465	464	460	454	445
-27.5°	366	378	388	396	402	406	407	406	402	396	388
-28.75°	317	328	336	343	348	351	353	351	348	343	336
-30°	274	283	290	296	300	302	303	302	300	296	290
-31.25°	233	242	248	254	257	260	261	260	257	254	248
-32.5°	191	199	206	211	215	217	218	217	215	211	206
-33.75°	147	155	161	166	170	172	173	172	170	166	161
-35°	109	115	120	123	126	127	128	127	126	123	120
-36.25°	77	82	87	90	93	94	95	94	93	90	87
-37.5°	52	55	57	59	60	61	61	61	60	59	57
-38.75°	35	38	40	41	43	43	44	43	43	41	40
-40°	22	23	24	25	26	26	26	26	26	25	24
-41.25°	14	16	16	17	18	18	18	18	18	17	16
-42.5°	9	9	10	10	10	10	10	10	10	10	10
-43.75°	7	7	8	8	8	8	8	8	8	8	8
-45°	6	6	6	6	6	6	6	6	6	6	6
-46.25°	5	5	5	5	5	5	6	5	5	5	5
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	5	5	5	5	5	5	5	5	5	5	5
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	4	4	4	4	4	4	5	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	3	3	3	3	3	3	4	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	0	0	0	0	0	0	1	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	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: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	2	2	2	2	2	2	2	1	1	1	1
70°	3	3	3	3	3	3	3	2	2	2	2
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	4	4	4	4	4	4	4	4	4	4	3
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	5	5	5	5	5	5	4	4	4	4	4
48.75°	5	5	5	5	5	5	5	5	5	5	4
47.5°	5	5	5	5	5	5	5	5	5	5	5
46.25°	5	5	5	5	5	5	5	5	5	5	5
45°	6	6	6	6	6	5	5	5	5	5	5
43.75°	7	7	7	7	6	6	6	6	6	5	5
42.5°	9	9	9	8	8	8	7	7	6	6	6
41.25°	16	14	13	12	10	10	9	9	8	7	7
40°	23	22	21	19	18	16	14	11	10	9	8
38.75°	38	35	32	28	25	23	21	19	16	14	11
37.5°	55	52	49	45	41	37	32	26	24	21	18
36.25°	82	77	70	63	58	53	48	42	36	30	25
35°	115	109	103	95	87	77	67	58	52	45	38



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	155	147	138	127	118	108	98	86	73	61	53
32.5°	199	191	181	170	157	143	128	116	103	89	74
31.25°	242	233	224	212	199	185	169	152	134	118	103
30°	283	274	264	253	240	226	210	192	173	153	131
28.75°	328	317	305	293	279	264	248	231	212	190	168
27.5°	378	366	352	337	321	303	286	268	248	227	205
26.25°	433	420	404	386	367	347	326	304	284	262	240
25°	490	476	458	439	418	395	371	346	321	297	273
23.75°	548	532	514	493	470	446	419	391	363	334	306
22.5°	602	587	569	548	524	497	468	438	407	375	343
21.25°	653	637	620	599	575	548	518	486	453	418	382
20°	696	682	666	646	623	596	567	534	498	461	423
18.75°	733	720	705	687	666	640	611	579	543	504	464
17.5°	767	754	739	723	702	679	652	620	585	546	504
16.25°	798	786	771	754	734	712	687	658	623	585	543
15°	827	815	800	783	763	741	717	690	658	620	579
13.75°	851	840	827	809	790	768	744	717	687	652	611
12.5°	872	861	849	834	814	792	768	741	712	679	640
11.25°	888	879	867	853	836	814	790	763	734	702	666
10°	904	894	882	869	853	834	809	783	754	723	687
8.75°	918	908	896	882	867	849	827	800	771	739	705
7.5°	929	920	908	894	879	861	840	815	786	754	720
6.25°	940	929	918	904	888	872	851	827	798	767	733
5°	953	937	926	913	897	879	860	837	808	777	743
3.75°	962	947	932	919	903	885	867	844	816	785	751
2.5°	968	954	936	923	908	890	871	849	822	791	757
1.25°	972	958	940	926	911	893	874	852	826	794	760
0°	973	959	941	927	912	894	875	853	827	795	761
-1.25°	972	958	940	926	911	893	874	852	826	794	760
-2.5°	968	954	936	923	908	890	871	849	822	791	757
-3.75°	962	947	932	919	903	885	867	844	816	785	751
-5°	953	937	926	913	897	879	860	837	808	777	743
-6.25°	940	929	918	904	888	872	851	827	798	767	733
-7.5°	929	920	908	894	879	861	840	815	786	754	720
-8.75°	918	908	896	882	867	849	827	800	771	739	705
-10°	904	894	882	869	853	834	809	783	754	723	687
-11.25°	888	879	867	853	836	814	790	763	734	702	666
-12.5°	872	861	849	834	814	792	768	741	712	679	640
-13.75°	851	840	827	809	790	768	744	717	687	652	611
-15°	827	815	800	783	763	741	717	690	658	620	579
-16.25°	798	786	771	754	734	712	687	658	623	585	543
-17.5°	767	754	739	723	702	679	652	620	585	546	504
-18.75°	733	720	705	687	666	640	611	579	543	504	464
-20°	696	682	666	646	623	596	567	534	498	461	423
-21.25°	653	637	620	599	575	548	518	486	453	418	382



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	602	587	569	548	524	497	468	438	407	375	343
-23.75°	548	532	514	493	470	446	419	391	363	334	306
-25°	490	476	458	439	418	395	371	346	321	297	273
-26.25°	433	420	404	386	367	347	326	304	284	262	240
-27.5°	378	366	352	337	321	303	286	268	248	227	205
-28.75°	328	317	305	293	279	264	248	231	212	190	168
-30°	283	274	264	253	240	226	210	192	173	153	131
-31.25°	242	233	224	212	199	185	169	152	134	118	103
-32.5°	199	191	181	170	157	143	128	116	103	89	74
-33.75°	155	147	138	127	118	108	98	86	73	61	53
-35°	115	109	103	95	87	77	67	58	52	45	38
-36.25°	82	77	70	63	58	53	48	42	36	30	25
-37.5°	55	52	49	45	41	37	32	26	24	21	18
-38.75°	38	35	32	28	25	23	21	19	16	14	11
-40°	23	22	21	19	18	16	14	11	10	9	8
-41.25°	16	14	13	12	10	10	9	9	8	7	7
-42.5°	9	9	9	8	8	8	7	7	6	6	6
-43.75°	7	7	7	7	6	6	6	6	6	5	5
-45°	6	6	6	6	6	5	5	5	5	5	5
-46.25°	5	5	5	5	5	5	5	5	5	5	5
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	5	5	5	5	5	5	5	5	5	5	4
-50°	5	5	5	5	5	5	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	2	2	2	2
-71.25°	2	2	2	2	2	2	2	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	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: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	1	1	1	0	0	0	0	0	0	0	0
73.75°	1	1	1	1	1	1	1	1	1	1	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	2	2	2	2	1	1	1	1	1	1	1
68.75°	3	3	3	2	2	2	2	2	2	1	1
67.5°	3	3	3	3	3	3	3	3	2	2	2
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	4	4	4	4	3	3	3	3	3	3	3
62.5°	4	4	4	4	4	4	4	4	3	3	3
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	5	5	4	4	4	4	4	4	4	4	4
46.25°	5	5	5	5	5	4	4	4	4	4	4
45°	5	5	5	5	5	5	5	4	4	4	4
43.75°	5	5	5	5	5	5	5	5	4	4	4
42.5°	6	5	5	5	5	5	5	5	5	5	4
41.25°	6	6	6	5	5	5	5	5	5	5	5
40°	8	7	6	6	6	5	5	5	5	5	5
38.75°	9	9	8	7	6	6	6	5	5	5	5
37.5°	14	11	9	9	8	7	6	6	5	5	5
36.25°	21	18	14	10	9	8	7	6	6	5	5
35°	31	25	21	17	13	10	9	7	6	6	5



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	45	37	29	23	19	15	10	9	8	6	6
32.5°	60	51	43	33	25	21	16	11	9	8	7
31.25°	87	70	56	47	37	27	22	17	12	9	8
30°	114	96	78	60	50	39	29	22	17	12	9
28.75°	145	123	104	84	64	52	41	29	22	17	11
27.5°	181	155	129	109	88	67	52	41	29	22	16
26.25°	216	190	162	134	111	89	67	52	39	27	21
25°	248	223	195	166	136	111	88	64	50	37	25
23.75°	280	254	226	197	166	134	109	84	60	47	33
22.5°	313	284	255	226	195	162	129	104	78	56	43
21.25°	348	315	284	254	223	190	155	123	96	70	51
20°	384	348	313	280	248	216	181	145	114	87	60
18.75°	423	382	343	306	273	240	205	168	131	103	74
17.5°	461	418	375	334	297	262	227	190	153	118	89
16.25°	498	453	407	363	321	284	248	212	173	134	103
15°	534	486	438	391	346	304	268	231	192	152	116
13.75°	567	518	468	419	371	326	286	248	210	169	128
12.5°	596	548	497	446	395	347	303	264	226	185	143
11.25°	623	575	524	470	418	367	321	279	240	199	157
10°	646	599	548	493	439	386	337	293	253	212	170
8.75°	666	620	569	514	458	404	352	305	264	224	181
7.5°	682	637	587	532	476	420	366	317	274	233	191
6.25°	696	653	602	548	490	433	378	328	283	242	199
5°	706	664	615	561	503	445	388	336	290	248	206
3.75°	714	673	624	571	512	454	396	343	296	254	211
2.5°	720	679	631	578	519	460	402	348	300	257	215
1.25°	724	683	635	582	524	464	406	351	302	260	217
0°	725	684	637	583	525	465	407	353	303	261	218
-1.25°	724	683	635	582	524	464	406	351	302	260	217
-2.5°	720	679	631	578	519	460	402	348	300	257	215
-3.75°	714	673	624	571	512	454	396	343	296	254	211
-5°	706	664	615	561	503	445	388	336	290	248	206
-6.25°	696	653	602	548	490	433	378	328	283	242	199
-7.5°	682	637	587	532	476	420	366	317	274	233	191
-8.75°	666	620	569	514	458	404	352	305	264	224	181
-10°	646	599	548	493	439	386	337	293	253	212	170
-11.25°	623	575	524	470	418	367	321	279	240	199	157
-12.5°	596	548	497	446	395	347	303	264	226	185	143
-13.75°	567	518	468	419	371	326	286	248	210	169	128
-15°	534	486	438	391	346	304	268	231	192	152	116
-16.25°	498	453	407	363	321	284	248	212	173	134	103
-17.5°	461	418	375	334	297	262	227	190	153	118	89
-18.75°	423	382	343	306	273	240	205	168	131	103	74
-20°	384	348	313	280	248	216	181	145	114	87	60
-21.25°	348	315	284	254	223	190	155	123	96	70	51



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	313	284	255	226	195	162	129	104	78	56	43
-23.75°	280	254	226	197	166	134	109	84	60	47	33
-25°	248	223	195	166	136	111	88	64	50	37	25
-26.25°	216	190	162	134	111	89	67	52	39	27	21
-27.5°	181	155	129	109	88	67	52	41	29	22	16
-28.75°	145	123	104	84	64	52	41	29	22	17	11
-30°	114	96	78	60	50	39	29	22	17	12	9
-31.25°	87	70	56	47	37	27	22	17	12	9	8
-32.5°	60	51	43	33	25	21	16	11	9	8	7
-33.75°	45	37	29	23	19	15	10	9	8	6	6
-35°	31	25	21	17	13	10	9	7	6	6	5
-36.25°	21	18	14	10	9	8	7	6	6	5	5
-37.5°	14	11	9	9	8	7	6	6	5	5	5
-38.75°	9	9	8	7	6	6	6	5	5	5	5
-40°	8	7	6	6	6	5	5	5	5	5	5
-41.25°	6	6	6	5	5	5	5	5	5	5	5
-42.5°	6	5	5	5	5	5	5	5	5	5	4
-43.75°	5	5	5	5	5	5	5	5	4	4	4
-45°	5	5	5	5	5	5	5	4	4	4	4
-46.25°	5	5	5	5	5	4	4	4	4	4	4
-47.5°	5	5	4	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	3	3	3
-63.75°	4	4	4	4	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	2	2	2
-68.75°	3	3	3	2	2	2	2	2	2	1	1
-70°	2	2	2	2	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	0
-75°	1	1	1	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	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: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	0	0	0	0	0	0	0
71.25°	1	1	1	1	1	1	1	0	0	0	0
70°	1	1	1	1	1	1	1	1	1	1	0
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	2	2	1	1	1	1	1	1	1	1	1
66.25°	3	2	2	2	2	1	1	1	1	1	1
65°	3	3	3	3	2	2	2	2	1	1	1
63.75°	3	3	3	3	3	3	3	2	2	2	1
62.5°	3	3	3	3	3	3	3	3	3	2	2
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	4	4	4	3	3	3	3	3	3	3	3
58.75°	4	4	4	4	4	3	3	3	3	3	3
57.5°	4	4	4	4	4	4	4	3	3	3	3
56.25°	4	4	4	4	4	4	4	4	3	3	3
55°	4	4	4	4	4	4	4	4	4	4	3
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	4
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	4	4	4	4	4	4	4	4	4	4	4
43.75°	4	4	4	4	4	4	4	4	4	4	4
42.5°	4	4	4	4	4	4	4	4	4	4	4
41.25°	4	4	4	4	4	4	4	4	4	4	4
40°	5	5	4	4	4	4	4	4	4	4	4
38.75°	5	5	5	4	4	4	4	4	4	4	4
37.5°	5	5	5	5	4	4	4	4	4	4	4
36.25°	5	5	5	5	5	4	4	4	4	4	4
35°	5	5	5	5	5	5	4	4	4	4	4



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	5	5	5	5	5	5	4	4	4	4	4
32.5°	6	5	5	5	5	5	5	4	4	4	4
31.25°	6	6	5	5	5	5	5	5	4	4	4
30°	8	6	6	5	5	5	5	5	4	4	4
28.75°	9	7	6	6	5	5	5	5	5	4	4
27.5°	10	9	7	6	6	5	5	5	5	5	4
26.25°	15	10	8	7	6	5	5	5	5	5	4
25°	19	13	9	8	6	6	5	5	5	5	5
23.75°	23	17	10	9	7	6	5	5	5	5	5
22.5°	29	21	14	9	8	6	6	5	5	5	5
21.25°	37	25	18	11	9	7	6	5	5	5	5
20°	45	31	21	14	9	8	6	6	5	5	5
18.75°	53	38	25	18	11	8	7	6	5	5	5
17.5°	61	45	30	21	14	9	7	6	5	5	5
16.25°	73	52	36	24	16	10	8	6	6	5	5
15°	86	58	42	26	19	11	9	7	6	5	5
13.75°	98	67	48	32	21	14	9	7	6	5	5
12.5°	108	77	53	37	23	16	10	8	6	5	5
11.25°	118	87	58	41	25	18	10	8	6	6	5
10°	127	95	63	45	28	19	12	8	7	6	5
8.75°	138	103	70	49	32	21	13	9	7	6	5
7.5°	147	109	77	52	35	22	14	9	7	6	5
6.25°	155	115	82	55	38	23	16	9	7	6	5
5°	161	120	87	57	40	24	16	10	8	6	5
3.75°	166	123	90	59	41	25	17	10	8	6	5
2.5°	170	126	93	60	43	26	18	10	8	6	5
1.25°	172	127	94	61	43	26	18	10	8	6	5
0°	173	128	95	61	44	26	18	10	8	6	6
-1.25°	172	127	94	61	43	26	18	10	8	6	5
-2.5°	170	126	93	60	43	26	18	10	8	6	5
-3.75°	166	123	90	59	41	25	17	10	8	6	5
-5°	161	120	87	57	40	24	16	10	8	6	5
-6.25°	155	115	82	55	38	23	16	9	7	6	5
-7.5°	147	109	77	52	35	22	14	9	7	6	5
-8.75°	138	103	70	49	32	21	13	9	7	6	5
-10°	127	95	63	45	28	19	12	8	7	6	5
-11.25°	118	87	58	41	25	18	10	8	6	6	5
-12.5°	108	77	53	37	23	16	10	8	6	5	5
-13.75°	98	67	48	32	21	14	9	7	6	5	5
-15°	86	58	42	26	19	11	9	7	6	5	5
-16.25°	73	52	36	24	16	10	8	6	6	5	5
-17.5°	61	45	30	21	14	9	7	6	5	5	5
-18.75°	53	38	25	18	11	8	7	6	5	5	5
-20°	45	31	21	14	9	8	6	6	5	5	5
-21.25°	37	25	18	11	9	7	6	5	5	5	5



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	29	21	14	9	8	6	6	5	5	5	5
-23.75°	23	17	10	9	7	6	5	5	5	5	5
-25°	19	13	9	8	6	6	5	5	5	5	5
-26.25°	15	10	8	7	6	5	5	5	5	5	4
-27.5°	10	9	7	6	6	5	5	5	5	5	4
-28.75°	9	7	6	6	5	5	5	5	5	4	4
-30°	8	6	6	5	5	5	5	5	4	4	4
-31.25°	6	6	5	5	5	5	5	5	4	4	4
-32.5°	6	5	5	5	5	5	5	4	4	4	4
-33.75°	5	5	5	5	5	5	4	4	4	4	4
-35°	5	5	5	5	5	5	4	4	4	4	4
-36.25°	5	5	5	5	5	4	4	4	4	4	4
-37.5°	5	5	5	5	4	4	4	4	4	4	4
-38.75°	5	5	5	4	4	4	4	4	4	4	4
-40°	5	5	4	4	4	4	4	4	4	4	4
-41.25°	4	4	4	4	4	4	4	4	4	4	4
-42.5°	4	4	4	4	4	4	4	4	4	4	4
-43.75°	4	4	4	4	4	4	4	4	4	4	4
-45°	4	4	4	4	4	4	4	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	3
-56.25°	4	4	4	4	4	4	4	4	3	3	3
-57.5°	4	4	4	4	4	4	4	3	3	3	3
-58.75°	4	4	4	4	4	3	3	3	3	3	3
-60°	4	4	4	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	2	2
-63.75°	3	3	3	3	3	3	3	2	2	2	1
-65°	3	3	3	3	2	2	2	2	1	1	1
-66.25°	3	2	2	2	2	1	1	1	1	1	1
-67.5°	2	2	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	0
-71.25°	1	1	1	1	1	1	1	0	0	0	0
-72.5°	1	1	1	1	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	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: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	1	1	0	0	0	0	0	0	0	0	0
67.5°	1	1	1	1	0	0	0	0	0	0	0
66.25°	1	1	1	1	1	1	0	0	0	0	0
65°	1	1	1	1	1	1	1	0	0	0	0
63.75°	1	1	1	1	1	1	1	1	0	0	0
62.5°	2	1	1	1	1	1	1	1	1	1	0
61.25°	2	2	1	1	1	1	1	1	1	1	1
60°	3	2	2	2	1	1	1	1	1	1	1
58.75°	3	3	3	2	2	1	1	1	1	1	1
57.5°	3	3	3	3	2	2	1	1	1	1	1
56.25°	3	3	3	3	3	2	2	1	1	1	1
55°	3	3	3	3	3	3	2	2	1	1	1
53.75°	3	3	3	3	3	3	3	2	2	1	1
52.5°	4	3	3	3	3	3	3	3	2	2	1
51.25°	4	4	3	3	3	3	3	3	3	2	2
50°	4	4	4	3	3	3	3	3	3	3	2
48.75°	4	4	4	4	3	3	3	3	3	3	2
47.5°	4	4	4	4	4	3	3	3	3	3	3
46.25°	4	4	4	4	4	4	3	3	3	3	3
45°	4	4	4	4	4	4	4	3	3	3	3
43.75°	4	4	4	4	4	4	4	3	3	3	3
42.5°	4	4	4	4	4	4	4	4	3	3	3
41.25°	4	4	4	4	4	4	4	4	4	3	3
40°	4	4	4	4	4	4	4	4	4	3	3
38.75°	4	4	4	4	4	4	4	4	4	4	3
37.5°	4	4	4	4	4	4	4	4	4	4	3
36.25°	4	4	4	4	4	4	4	4	4	4	4
35°	4	4	4	4	4	4	4	4	4	4	4



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	4	4	4	4	4	4	4	4	4	4	4
32.5°	4	4	4	4	4	4	4	4	4	4	4
31.25°	4	4	4	4	4	4	4	4	4	4	4
30°	4	4	4	4	4	4	4	4	4	4	4
28.75°	4	4	4	4	4	4	4	4	4	4	4
27.5°	4	4	4	4	4	4	4	4	4	4	4
26.25°	4	4	4	4	4	4	4	4	4	4	4
25°	4	4	4	4	4	4	4	4	4	4	4
23.75°	4	4	4	4	4	4	4	4	4	4	4
22.5°	4	4	4	4	4	4	4	4	4	4	4
21.25°	5	4	4	4	4	4	4	4	4	4	4
20°	5	4	4	4	4	4	4	4	4	4	4
18.75°	5	4	4	4	4	4	4	4	4	4	4
17.5°	5	5	4	4	4	4	4	4	4	4	4
16.25°	5	5	4	4	4	4	4	4	4	4	4
15°	5	5	4	4	4	4	4	4	4	4	4
13.75°	5	5	4	4	4	4	4	4	4	4	4
12.5°	5	5	5	4	4	4	4	4	4	4	4
11.25°	5	5	5	4	4	4	4	4	4	4	4
10°	5	5	5	4	4	4	4	4	4	4	4
8.75°	5	5	5	4	4	4	4	4	4	4	4
7.5°	5	5	5	4	4	4	4	4	4	4	4
6.25°	5	5	5	4	4	4	4	4	4	4	4
5°	5	5	5	4	4	4	4	4	4	4	4
3.75°	5	5	5	4	4	4	4	4	4	4	4
2.5°	5	5	5	4	4	4	4	4	4	4	4
1.25°	5	5	5	4	4	4	4	4	4	4	4
0°	5	5	5	5	4	4	4	4	4	4	4
-1.25°	5	5	5	4	4	4	4	4	4	4	4
-2.5°	5	5	5	4	4	4	4	4	4	4	4
-3.75°	5	5	5	4	4	4	4	4	4	4	4
-5°	5	5	5	4	4	4	4	4	4	4	4
-6.25°	5	5	5	4	4	4	4	4	4	4	4
-7.5°	5	5	5	4	4	4	4	4	4	4	4
-8.75°	5	5	5	4	4	4	4	4	4	4	4
-10°	5	5	5	4	4	4	4	4	4	4	4
-11.25°	5	5	5	4	4	4	4	4	4	4	4
-12.5°	5	5	5	4	4	4	4	4	4	4	4
-13.75°	5	5	4	4	4	4	4	4	4	4	4
-15°	5	5	4	4	4	4	4	4	4	4	4
-16.25°	5	5	4	4	4	4	4	4	4	4	4
-17.5°	5	5	4	4	4	4	4	4	4	4	4
-18.75°	5	4	4	4	4	4	4	4	4	4	4
-20°	5	4	4	4	4	4	4	4	4	4	4
-21.25°	5	4	4	4	4	4	4	4	4	4	4



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	4	4	4	4	4	4	4	4	4	4	4
-23.75°	4	4	4	4	4	4	4	4	4	4	4
-25°	4	4	4	4	4	4	4	4	4	4	4
-26.25°	4	4	4	4	4	4	4	4	4	4	4
-27.5°	4	4	4	4	4	4	4	4	4	4	4
-28.75°	4	4	4	4	4	4	4	4	4	4	4
-30°	4	4	4	4	4	4	4	4	4	4	4
-31.25°	4	4	4	4	4	4	4	4	4	4	4
-32.5°	4	4	4	4	4	4	4	4	4	4	4
-33.75°	4	4	4	4	4	4	4	4	4	4	4
-35°	4	4	4	4	4	4	4	4	4	4	4
-36.25°	4	4	4	4	4	4	4	4	4	4	4
-37.5°	4	4	4	4	4	4	4	4	4	4	3
-38.75°	4	4	4	4	4	4	4	4	4	4	3
-40°	4	4	4	4	4	4	4	4	4	3	3
-41.25°	4	4	4	4	4	4	4	4	4	3	3
-42.5°	4	4	4	4	4	4	4	4	3	3	3
-43.75°	4	4	4	4	4	4	4	3	3	3	3
-45°	4	4	4	4	4	4	4	3	3	3	3
-46.25°	4	4	4	4	4	4	3	3	3	3	3
-47.5°	4	4	4	4	4	3	3	3	3	3	3
-48.75°	4	4	4	4	3	3	3	3	3	3	2
-50°	4	4	4	3	3	3	3	3	3	3	2
-51.25°	4	4	3	3	3	3	3	3	3	2	2
-52.5°	4	3	3	3	3	3	3	3	2	2	1
-53.75°	3	3	3	3	3	3	3	2	2	1	1
-55°	3	3	3	3	3	3	2	2	1	1	1
-56.25°	3	3	3	3	3	2	2	1	1	1	1
-57.5°	3	3	3	3	2	2	1	1	1	1	1
-58.75°	3	3	3	2	2	1	1	1	1	1	1
-60°	3	2	2	2	1	1	1	1	1	1	1
-61.25°	2	2	1	1	1	1	1	1	1	1	1
-62.5°	2	1	1	1	1	1	1	1	1	1	0
-63.75°	1	1	1	1	1	1	1	1	0	0	0
-65°	1	1	1	1	1	1	1	0	0	0	0
-66.25°	1	1	1	1	1	1	0	0	0	0	0
-67.5°	1	1	1	1	0	0	0	0	0	0	0
-68.75°	1	1	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	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: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	1	0	0	0	0	0	0	0	0	0	0
58.75°	1	1	0	0	0	0	0	0	0	0	0
57.5°	1	1	0	0	0	0	0	0	0	0	0
56.25°	1	1	1	0	0	0	0	0	0	0	0
55°	1	1	1	1	0	0	0	0	0	0	0
53.75°	1	1	1	1	1	0	0	0	0	0	0
52.5°	1	1	1	1	1	0	0	0	0	0	0
51.25°	1	1	1	1	1	1	0	0	0	0	0
50°	1	1	1	1	1	1	0	0	0	0	0
48.75°	2	1	1	1	1	1	1	0	0	0	0
47.5°	2	2	1	1	1	1	1	0	0	0	0
46.25°	3	2	1	1	1	1	1	0	0	0	0
45°	3	2	2	1	1	1	1	1	0	0	0
43.75°	3	3	2	1	1	1	1	1	0	0	0
42.5°	3	3	2	2	1	1	1	1	0	0	0
41.25°	3	3	3	2	1	1	1	1	1	0	0
40°	3	3	3	2	1	1	1	1	1	0	0
38.75°	3	3	3	2	2	1	1	1	1	0	0
37.5°	3	3	3	3	2	1	1	1	1	1	0
36.25°	3	3	3	3	2	1	1	1	1	1	0
35°	3	3	3	3	2	2	1	1	1	1	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	3	3	3	3	3	2	1	1	1	1	0
32.5°	4	3	3	3	3	2	1	1	1	1	0
31.25°	4	3	3	3	3	2	1	1	1	1	1
30°	4	3	3	3	3	2	2	1	1	1	1
28.75°	4	4	3	3	3	3	2	1	1	1	1
27.5°	4	4	3	3	3	3	2	1	1	1	1
26.25°	4	4	3	3	3	3	2	1	1	1	1
25°	4	4	3	3	3	3	2	1	1	1	1
23.75°	4	4	4	3	3	3	2	2	1	1	1
22.5°	4	4	4	3	3	3	3	2	1	1	1
21.25°	4	4	4	3	3	3	3	2	1	1	1
20°	4	4	4	3	3	3	3	2	1	1	1
18.75°	4	4	4	3	3	3	3	2	1	1	1
17.5°	4	4	4	4	3	3	3	2	1	1	1
16.25°	4	4	4	4	3	3	3	2	1	1	1
15°	4	4	4	4	3	3	3	2	1	1	1
13.75°	4	4	4	4	3	3	3	3	2	1	1
12.5°	4	4	4	4	3	3	3	3	2	1	1
11.25°	4	4	4	4	3	3	3	3	2	1	1
10°	4	4	4	4	3	3	3	3	2	1	1
8.75°	4	4	4	4	3	3	3	3	2	1	1
7.5°	4	4	4	4	3	3	3	3	2	1	1
6.25°	4	4	4	4	3	3	3	3	2	1	1
5°	4	4	4	4	3	3	3	3	2	1	1
3.75°	4	4	4	4	3	3	3	3	2	1	1
2.5°	4	4	4	4	3	3	3	3	2	1	1
1.25°	4	4	4	4	3	3	3	3	2	1	1
0°	4	4	4	4	4	3	3	3	2	1	1
-1.25°	4	4	4	4	3	3	3	3	2	1	1
-2.5°	4	4	4	4	3	3	3	3	2	1	1
-3.75°	4	4	4	4	3	3	3	3	2	1	1
-5°	4	4	4	4	3	3	3	3	2	1	1
-6.25°	4	4	4	4	3	3	3	3	2	1	1
-7.5°	4	4	4	4	3	3	3	3	2	1	1
-8.75°	4	4	4	4	3	3	3	3	2	1	1
-10°	4	4	4	4	3	3	3	3	2	1	1
-11.25°	4	4	4	4	3	3	3	3	2	1	1
-12.5°	4	4	4	4	3	3	3	3	2	1	1
-13.75°	4	4	4	4	3	3	3	3	2	1	1
-15°	4	4	4	4	3	3	3	2	1	1	1
-16.25°	4	4	4	4	3	3	3	2	1	1	1
-17.5°	4	4	4	4	3	3	3	2	1	1	1
-18.75°	4	4	4	3	3	3	3	2	1	1	1
-20°	4	4	4	3	3	3	3	2	1	1	1
-21.25°	4	4	4	3	3	3	3	2	1	1	1



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	4	4	4	3	3	3	3	2	1	1	1
-23.75°	4	4	4	3	3	3	2	2	1	1	1
-25°	4	4	3	3	3	3	2	1	1	1	1
-26.25°	4	4	3	3	3	3	2	1	1	1	1
-27.5°	4	4	3	3	3	3	2	1	1	1	1
-28.75°	4	4	3	3	3	3	2	1	1	1	1
-30°	4	3	3	3	3	2	2	1	1	1	1
-31.25°	4	3	3	3	3	2	1	1	1	1	1
-32.5°	4	3	3	3	3	2	1	1	1	1	0
-33.75°	3	3	3	3	3	2	1	1	1	1	0
-35°	3	3	3	3	2	2	1	1	1	1	0
-36.25°	3	3	3	3	2	1	1	1	1	1	0
-37.5°	3	3	3	3	2	1	1	1	1	1	0
-38.75°	3	3	3	2	2	1	1	1	1	0	0
-40°	3	3	3	2	1	1	1	1	1	0	0
-41.25°	3	3	3	2	1	1	1	1	1	0	0
-42.5°	3	3	2	2	1	1	1	1	0	0	0
-43.75°	3	3	2	1	1	1	1	1	0	0	0
-45°	3	2	2	1	1	1	1	1	0	0	0
-46.25°	3	2	1	1	1	1	1	0	0	0	0
-47.5°	2	2	1	1	1	1	1	0	0	0	0
-48.75°	2	1	1	1	1	1	1	0	0	0	0
-50°	1	1	1	1	1	1	0	0	0	0	0
-51.25°	1	1	1	1	1	1	0	0	0	0	0
-52.5°	1	1	1	1	1	0	0	0	0	0	0
-53.75°	1	1	1	1	1	0	0	0	0	0	0
-55°	1	1	1	1	0	0	0	0	0	0	0
-56.25°	1	1	1	0	0	0	0	0	0	0	0
-57.5°	1	1	0	0	0	0	0	0	0	0	0
-58.75°	1	1	0	0	0	0	0	0	0	0	0
-60°	1	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	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: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
48.75°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
46.25°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
43.75°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
41.25°	0	0	0	0	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0	0	0	0	0
38.75°	0	0	0	0	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0	0	0	0	0
36.25°	0	0	0	0	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
28.75°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
26.25°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
23.75°	0	0	0	0	0	0	0	0	0	0	0
22.5°	1	0	0	0	0	0	0	0	0	0	0
21.25°	1	0	0	0	0	0	0	0	0	0	0
20°	1	0	0	0	0	0	0	0	0	0	0
18.75°	1	0	0	0	0	0	0	0	0	0	0
17.5°	1	0	0	0	0	0	0	0	0	0	0
16.25°	1	0	0	0	0	0	0	0	0	0	0
15°	1	0	0	0	0	0	0	0	0	0	0
13.75°	1	0	0	0	0	0	0	0	0	0	0
12.5°	1	0	0	0	0	0	0	0	0	0	0
11.25°	1	0	0	0	0	0	0	0	0	0	0
10°	1	0	0	0	0	0	0	0	0	0	0
8.75°	1	0	0	0	0	0	0	0	0	0	0
7.5°	1	0	0	0	0	0	0	0	0	0	0
6.25°	1	0	0	0	0	0	0	0	0	0	0
5°	1	0	0	0	0	0	0	0	0	0	0
3.75°	1	0	0	0	0	0	0	0	0	0	0
2.5°	1	0	0	0	0	0	0	0	0	0	0
1.25°	1	0	0	0	0	0	0	0	0	0	0
0°	1	1	0	0	0	0	0	0	0	0	0
-1.25°	1	0	0	0	0	0	0	0	0	0	0
-2.5°	1	0	0	0	0	0	0	0	0	0	0
-3.75°	1	0	0	0	0	0	0	0	0	0	0
-5°	1	0	0	0	0	0	0	0	0	0	0
-6.25°	1	0	0	0	0	0	0	0	0	0	0
-7.5°	1	0	0	0	0	0	0	0	0	0	0
-8.75°	1	0	0	0	0	0	0	0	0	0	0
-10°	1	0	0	0	0	0	0	0	0	0	0
-11.25°	1	0	0	0	0	0	0	0	0	0	0
-12.5°	1	0	0	0	0	0	0	0	0	0	0
-13.75°	1	0	0	0	0	0	0	0	0	0	0
-15°	1	0	0	0	0	0	0	0	0	0	0
-16.25°	1	0	0	0	0	0	0	0	0	0	0
-17.5°	1	0	0	0	0	0	0	0	0	0	0
-18.75°	1	0	0	0	0	0	0	0	0	0	0
-20°	1	0	0	0	0	0	0	0	0	0	0
-21.25°	1	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	1	0	0	0	0	0	0	0	0	0	0
-23.75°	0	0	0	0	0	0	0	0	0	0	0
-25°	0	0	0	0	0	0	0	0	0	0	0
-26.25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-28.75°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	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: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCCR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
90°	0	0
88.75°	0	0
87.5°	0	0
86.25°	0	0
85°	0	0
83.75°	0	0
82.5°	0	0
81.25°	0	0
80°	0	0
78.75°	0	0
77.5°	0	0
76.25°	0	0
75°	0	0
73.75°	0	0
72.5°	0	0
71.25°	0	0
70°	0	0
68.75°	0	0
67.5°	0	0
66.25°	0	0
65°	0	0
63.75°	0	0
62.5°	0	0
61.25°	0	0
60°	0	0
58.75°	0	0
57.5°	0	0
56.25°	0	0
55°	0	0
53.75°	0	0
52.5°	0	0
51.25°	0	0
50°	0	0
48.75°	0	0
47.5°	0	0
46.25°	0	0
45°	0	0
43.75°	0	0
42.5°	0	0
41.25°	0	0
40°	0	0
38.75°	0	0
37.5°	0	0
36.25°	0	0
35°	0	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCCR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	0	0
32.5°	0	0
31.25°	0	0
30°	0	0
28.75°	0	0
27.5°	0	0
26.25°	0	0
25°	0	0
23.75°	0	0
22.5°	0	0
21.25°	0	0
20°	0	0
18.75°	0	0
17.5°	0	0
16.25°	0	0
15°	0	0
13.75°	0	0
12.5°	0	0
11.25°	0	0
10°	0	0
8.75°	0	0
7.5°	0	0
6.25°	0	0
5°	0	0
3.75°	0	0
2.5°	0	0
1.25°	0	0
0°	0	0
-1.25°	0	0
-2.5°	0	0
-3.75°	0	0
-5°	0	0
-6.25°	0	0
-7.5°	0	0
-8.75°	0	0
-10°	0	0
-11.25°	0	0
-12.5°	0	0
-13.75°	0	0
-15°	0	0
-16.25°	0	0
-17.5°	0	0
-18.75°	0	0
-20°	0	0
-21.25°	0	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LEDCCR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-22.5°	0	0
-23.75°	0	0
-25°	0	0
-26.25°	0	0
-27.5°	0	0
-28.75°	0	0
-30°	0	0
-31.25°	0	0
-32.5°	0	0
-33.75°	0	0
-35°	0	0
-36.25°	0	0
-37.5°	0	0
-38.75°	0	0
-40°	0	0
-41.25°	0	0
-42.5°	0	0
-43.75°	0	0
-45°	0	0
-46.25°	0	0
-47.5°	0	0
-48.75°	0	0
-50°	0	0
-51.25°	0	0
-52.5°	0	0
-53.75°	0	0
-55°	0	0
-56.25°	0	0
-57.5°	0	0
-58.75°	0	0
-60°	0	0
-61.25°	0	0
-62.5°	0	0
-63.75°	0	0
-65°	0	0
-66.25°	0	0
-67.5°	0	0
-68.75°	0	0
-70°	0	0
-71.25°	0	0
-72.5°	0	0
-73.75°	0	0
-75°	0	0
-76.25°	0	0
-77.5°	0	0



REPORT NUMBER: P221180 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED CR-W-BK-LC2-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-78.75°	0	0
-80°	0	0
-81.25°	0	0
-82.5°	0	0
-83.75°	0	0
-85°	0	0
-86.25°	0	0
-87.5°	0	0
-88.75°	0	0
-90°	0	0

(END OF REPORT)