

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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29478)
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-LED5080-F-BK-L1-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, FLOOD
OPTIC, BLACK HOUSING.
Light Source: (1) 5000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

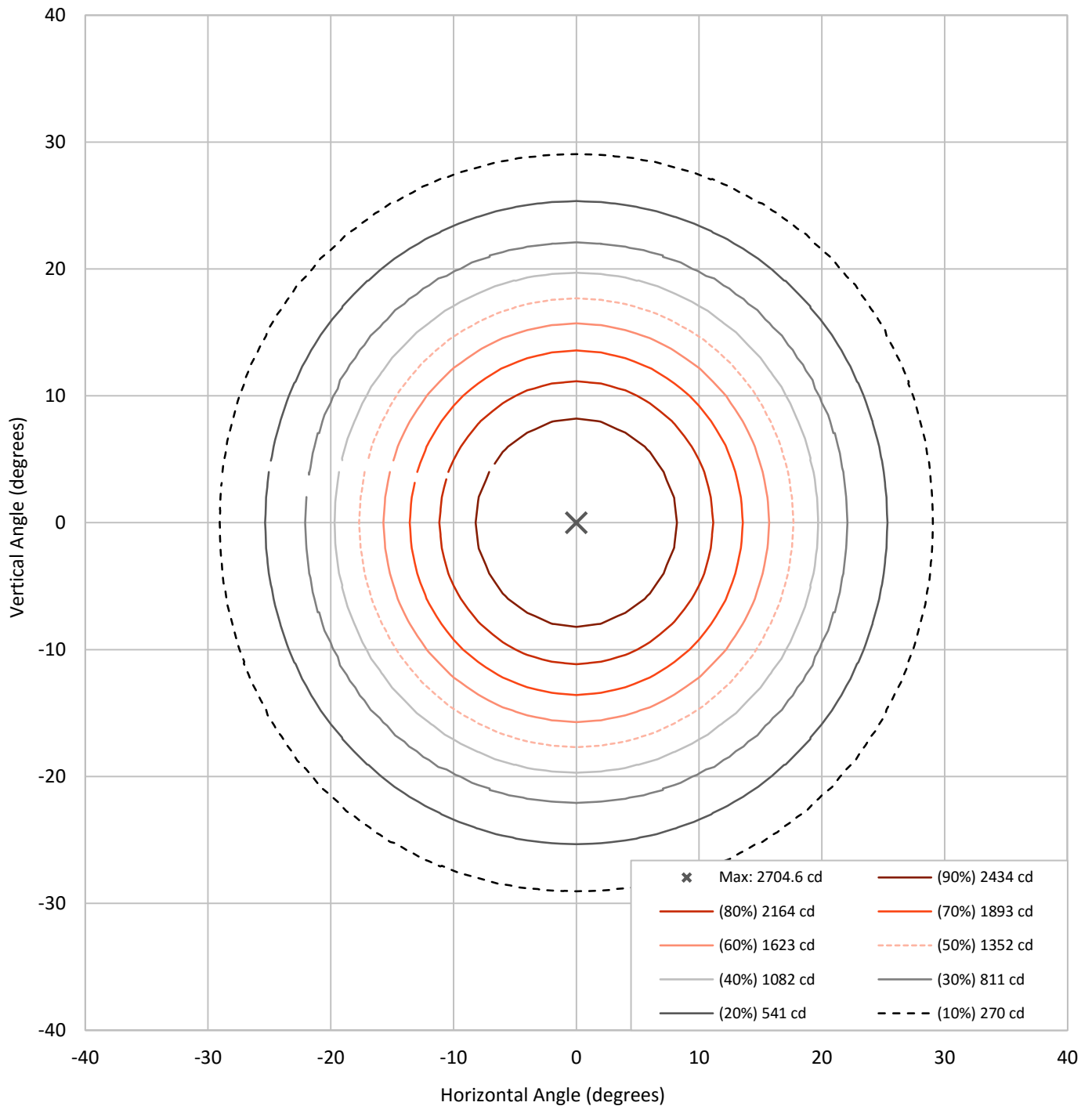
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1006.1 lumens	Max Intensity:	2704.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	102.7 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	35.4°H x 35.4°V	Field Angle (10%):	58.1°H x 58.1°V
Beam Lumens:	602.6 lumens	Field Lumens:	944.4 lumens
Beam Efficiency:	59.9%	Field Efficiency:	93.9%
Input Watts (W):	9.8		
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-LED5080-F-BK-L1-UNV

Iso-Candela Plot





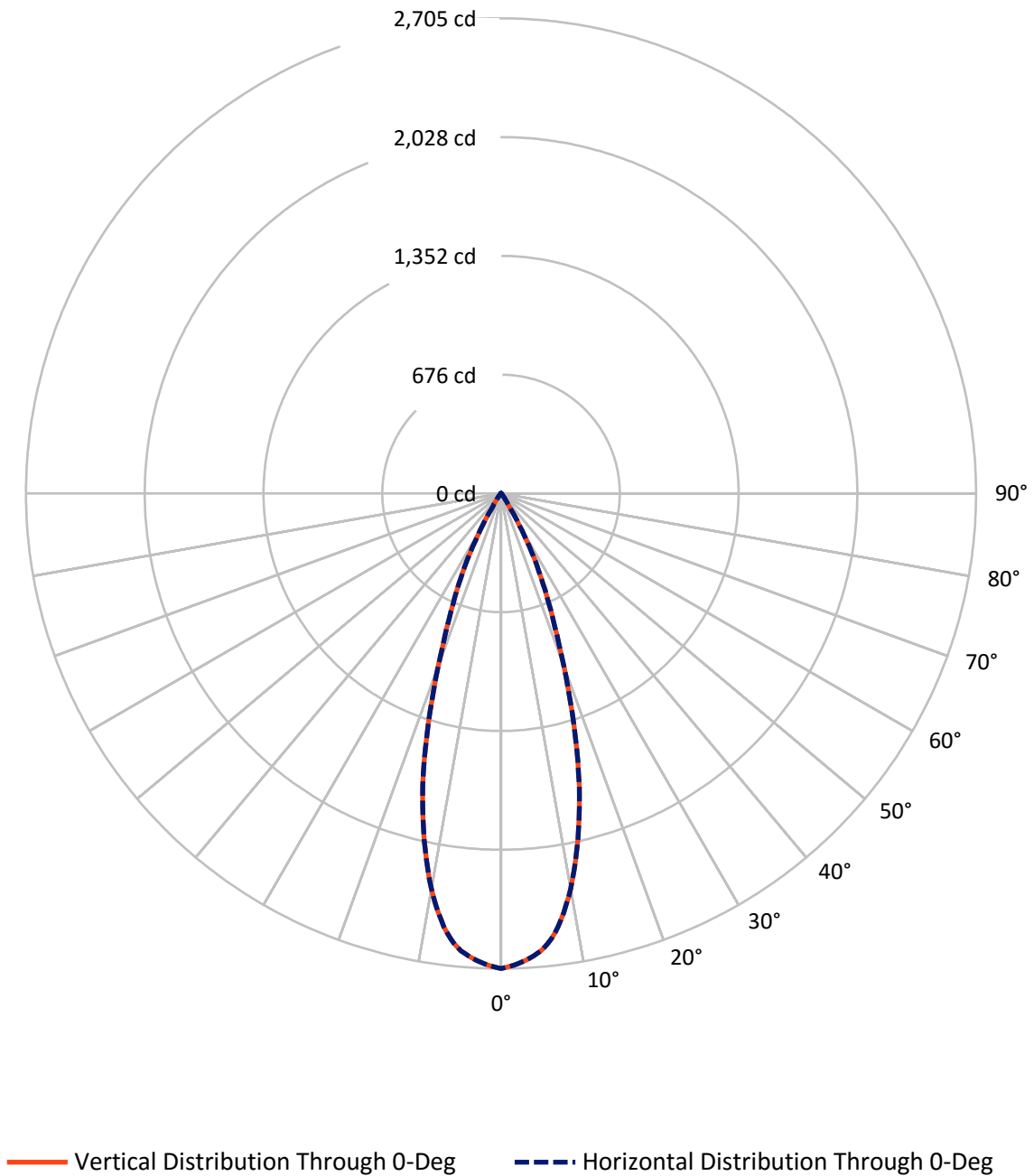
REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-UNV

Lumen Table

90	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60		0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
40		0.0	0.0	0.1	0.1	0.3	0.9	1.7	1.7	0.9	0.3	0.1	0.1	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.1	0.3	1.8	8.7	16.1	16.1	8.7	1.8	0.3	0.1	0.0	0.0	0.0	0.0
20		0.0	0.0	0.1	0.8	8.2	27.5	47.4	47.4	27.5	8.2	0.8	0.1	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.1	1.5	14.8	46.1	73.6	73.6	46.1	14.8	1.5	0.1	0.0	0.0	0.0	0.0
0		0.0	0.0	0.1	1.5	14.8	46.1	73.6	73.6	46.1	14.8	1.5	0.1	0.0	0.0	0.0	0.0
-10	0.0	0.0	0.0	0.1	1.5	14.8	46.1	73.6	73.6	46.1	14.8	1.5	0.1	0.0	0.0	0.0	0.0
-20		0.0	0.0	0.1	0.8	8.2	27.5	47.4	47.4	27.5	8.2	0.8	0.1	0.0	0.0	0.0	0.0
-30	0.0	0.0	0.0	0.1	0.3	1.8	8.7	16.1	16.1	8.7	1.8	0.3	0.1	0.0	0.0	0.0	0.0
-40		0.0	0.0	0.1	0.1	0.3	0.9	1.7	1.7	0.9	0.3	0.1	0.1	0.0	0.0	0.0	0.0
-50	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
-60		0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

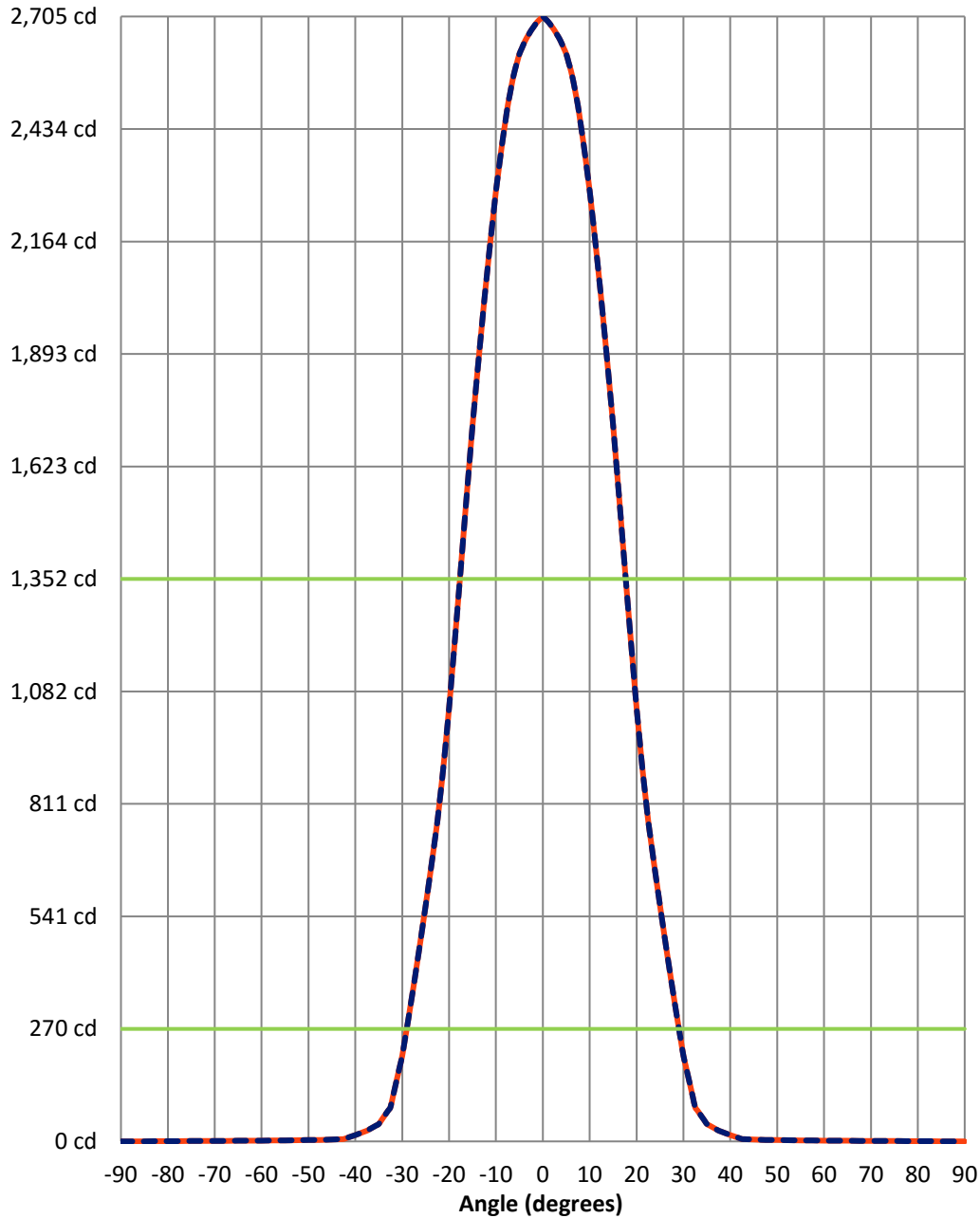
REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-UNV

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 35.4°
 V Angle: 35.4°
 Lumens: 602.6
 Efficiency: 59.9%

Field:
 H Angle: 58.1°
 V Angle: 58.1°
 Lumens: 944.4
 Efficiency: 93.9%

Spill:
 Lumens: 61.7
 Efficiency: 6.1%

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



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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	1
53.75°	0	0	0	0	0	0	0	0	0	0	1
52.5°	0	0	0	0	0	0	0	0	0	0	1
51.25°	0	0	0	0	0	0	0	0	0	0	1
50°	0	0	0	0	0	0	0	0	0	1	1
48.75°	0	0	0	0	0	0	0	0	0	1	1
47.5°	0	0	0	0	0	0	0	0	0	1	1
46.25°	0	0	0	0	0	0	0	0	0	1	1
45°	0	0	0	0	0	0	0	0	0	1	1
43.75°	0	0	0	0	0	0	0	0	1	1	1
42.5°	0	0	0	0	0	0	0	0	1	1	1
41.25°	0	0	0	0	0	0	0	0	1	1	1
40°	0	0	0	0	0	0	0	0	1	1	1
38.75°	0	0	0	0	0	0	0	0	1	1	1
37.5°	0	0	0	0	0	0	0	0	1	1	1
36.25°	0	0	0	0	0	0	0	0	1	1	1
35°	0	0	0	0	0	0	0	1	1	1	1



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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	1	1	1	1
32.5°	0	0	0	0	0	0	0	1	1	1	1
31.25°	0	0	0	0	0	0	0	1	1	1	1
30°	0	0	0	0	0	0	0	1	1	1	1
28.75°	0	0	0	0	0	0	0	1	1	1	1
27.5°	0	0	0	0	0	0	0	1	1	1	1
26.25°	0	0	0	0	0	0	0	1	1	1	1
25°	0	0	0	0	0	0	0	1	1	1	1
23.75°	0	0	0	0	0	0	0	1	1	1	1
22.5°	0	0	0	0	0	0	0	1	1	1	1
21.25°	0	0	0	0	0	0	0	1	1	1	1
20°	0	0	0	0	0	0	0	1	1	1	1
18.75°	0	0	0	0	0	0	1	1	1	1	1
17.5°	0	0	0	0	0	0	1	1	1	1	1
16.25°	0	0	0	0	0	0	1	1	1	1	1
15°	0	0	0	0	0	0	1	1	1	1	1
13.75°	0	0	0	0	0	0	1	1	1	1	1
12.5°	0	0	0	0	0	0	1	1	1	1	1
11.25°	0	0	0	0	0	0	1	1	1	1	1
10°	0	0	0	0	0	0	1	1	1	1	1
8.75°	0	0	0	0	0	0	1	1	1	1	1
7.5°	0	0	0	0	0	0	1	1	1	1	1
6.25°	0	0	0	0	0	0	1	1	1	1	1
5°	0	0	0	0	0	0	1	1	1	1	1
3.75°	0	0	0	0	0	0	1	1	1	1	1
2.5°	0	0	0	0	0	0	1	1	1	1	1
1.25°	0	0	0	0	0	0	1	1	1	1	1
0°	0	0	0	0	0	0	1	1	1	1	1
-1.25°	0	0	0	0	0	0	1	1	1	1	1
-2.5°	0	0	0	0	0	0	1	1	1	1	1
-3.75°	0	0	0	0	0	0	1	1	1	1	1
-5°	0	0	0	0	0	0	1	1	1	1	1
-6.25°	0	0	0	0	0	0	1	1	1	1	1
-7.5°	0	0	0	0	0	0	1	1	1	1	1
-8.75°	0	0	0	0	0	0	1	1	1	1	1
-10°	0	0	0	0	0	0	1	1	1	1	1
-11.25°	0	0	0	0	0	0	1	1	1	1	1
-12.5°	0	0	0	0	0	0	1	1	1	1	1
-13.75°	0	0	0	0	0	0	1	1	1	1	1
-15°	0	0	0	0	0	0	1	1	1	1	1
-16.25°	0	0	0	0	0	0	1	1	1	1	1
-17.5°	0	0	0	0	0	0	1	1	1	1	1
-18.75°	0	0	0	0	0	0	1	1	1	1	1
-20°	0	0	0	0	0	0	0	1	1	1	1
-21.25°	0	0	0	0	0	0	0	1	1	1	1



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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	1	1	1	1
-23.75°	0	0	0	0	0	0	0	1	1	1	1
-25°	0	0	0	0	0	0	0	1	1	1	1
-26.25°	0	0	0	0	0	0	0	1	1	1	1
-27.5°	0	0	0	0	0	0	0	1	1	1	1
-28.75°	0	0	0	0	0	0	0	1	1	1	1
-30°	0	0	0	0	0	0	0	1	1	1	1
-31.25°	0	0	0	0	0	0	0	1	1	1	1
-32.5°	0	0	0	0	0	0	0	1	1	1	1
-33.75°	0	0	0	0	0	0	0	1	1	1	1
-35°	0	0	0	0	0	0	0	1	1	1	1
-36.25°	0	0	0	0	0	0	0	0	1	1	1
-37.5°	0	0	0	0	0	0	0	0	1	1	1
-38.75°	0	0	0	0	0	0	0	0	1	1	1
-40°	0	0	0	0	0	0	0	0	1	1	1
-41.25°	0	0	0	0	0	0	0	0	1	1	1
-42.5°	0	0	0	0	0	0	0	0	1	1	1
-43.75°	0	0	0	0	0	0	0	0	1	1	1
-45°	0	0	0	0	0	0	0	0	0	1	1
-46.25°	0	0	0	0	0	0	0	0	0	1	1
-47.5°	0	0	0	0	0	0	0	0	0	1	1
-48.75°	0	0	0	0	0	0	0	0	0	1	1
-50°	0	0	0	0	0	0	0	0	0	1	1
-51.25°	0	0	0	0	0	0	0	0	0	0	1
-52.5°	0	0	0	0	0	0	0	0	0	0	1
-53.75°	0	0	0	0	0	0	0	0	0	0	1
-55°	0	0	0	0	0	0	0	0	0	0	1
-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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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	1
72.5°	0	0	0	0	0	0	0	0	0	1	1
71.25°	0	0	0	0	0	0	0	0	1	1	1
70°	0	0	0	0	0	0	1	1	1	1	1
68.75°	0	0	0	0	0	1	1	1	1	1	1
67.5°	0	0	0	0	0	1	1	1	1	1	1
66.25°	0	0	0	0	1	1	1	1	1	1	1
65°	0	0	0	1	1	1	1	1	1	1	1
63.75°	0	0	1	1	1	1	1	1	1	1	1
62.5°	0	0	1	1	1	1	1	1	1	1	1
61.25°	0	1	1	1	1	1	1	1	1	1	1
60°	0	1	1	1	1	1	1	1	1	1	1
58.75°	0	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	1
46.25°	1	1	1	1	1	1	1	1	1	1	1
45°	1	1	1	1	1	1	1	1	1	1	1
43.75°	1	1	1	1	1	1	1	1	1	1	1
42.5°	1	1	1	1	1	1	1	1	1	1	1
41.25°	1	1	1	1	1	1	1	1	1	1	1
40°	1	1	1	1	1	1	1	1	1	1	1
38.75°	1	1	1	1	1	1	1	1	1	1	1
37.5°	1	1	1	1	1	1	1	1	1	1	1
36.25°	1	1	1	1	1	1	1	1	1	1	1
35°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	1	1	1	1	1	1	1	1	1	1
32.5°	1	1	1	1	1	1	1	1	1	1	1
31.25°	1	1	1	1	1	1	1	1	1	1	1
30°	1	1	1	1	1	1	1	1	1	1	1
28.75°	1	1	1	1	1	1	1	1	1	1	1
27.5°	1	1	1	1	1	1	1	1	1	1	1
26.25°	1	1	1	1	1	1	1	1	1	1	1
25°	1	1	1	1	1	1	1	1	1	1	1
23.75°	1	1	1	1	1	1	1	1	1	1	1
22.5°	1	1	1	1	1	1	1	1	1	1	1
21.25°	1	1	1	1	1	1	1	1	1	1	2
20°	1	1	1	1	1	1	1	1	1	1	2
18.75°	1	1	1	1	1	1	1	1	1	1	2
17.5°	1	1	1	1	1	1	1	1	1	1	2
16.25°	1	1	1	1	1	1	1	1	1	1	2
15°	1	1	1	1	1	1	1	1	1	1	2
13.75°	1	1	1	1	1	1	1	1	1	2	2
12.5°	1	1	1	1	1	1	1	1	1	2	2
11.25°	1	1	1	1	1	1	1	1	1	2	2
10°	1	1	1	1	1	1	1	1	1	2	2
8.75°	1	1	1	1	1	1	1	1	1	2	2
7.5°	1	1	1	1	1	1	1	1	1	2	2
6.25°	1	1	1	1	1	1	1	1	1	2	2
5°	1	1	1	1	1	1	1	1	1	2	2
3.75°	1	1	1	1	1	1	1	1	1	2	2
2.5°	1	1	1	1	1	1	1	1	1	2	2
1.25°	1	1	1	1	1	1	1	1	1	2	2
0°	1	1	1	1	1	1	1	1	1	2	2
-1.25°	1	1	1	1	1	1	1	1	1	2	2
-2.5°	1	1	1	1	1	1	1	1	1	2	2
-3.75°	1	1	1	1	1	1	1	1	1	2	2
-5°	1	1	1	1	1	1	1	1	1	2	2
-6.25°	1	1	1	1	1	1	1	1	1	2	2
-7.5°	1	1	1	1	1	1	1	1	1	2	2
-8.75°	1	1	1	1	1	1	1	1	1	2	2
-10°	1	1	1	1	1	1	1	1	1	2	2
-11.25°	1	1	1	1	1	1	1	1	1	2	2
-12.5°	1	1	1	1	1	1	1	1	1	2	2
-13.75°	1	1	1	1	1	1	1	1	1	2	2
-15°	1	1	1	1	1	1	1	1	1	1	2
-16.25°	1	1	1	1	1	1	1	1	1	1	2
-17.5°	1	1	1	1	1	1	1	1	1	1	2
-18.75°	1	1	1	1	1	1	1	1	1	1	2
-20°	1	1	1	1	1	1	1	1	1	1	2
-21.25°	1	1	1	1	1	1	1	1	1	1	2



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	1	1	1	1	1	1	1	1	1	1
-23.75°	1	1	1	1	1	1	1	1	1	1	1
-25°	1	1	1	1	1	1	1	1	1	1	1
-26.25°	1	1	1	1	1	1	1	1	1	1	1
-27.5°	1	1	1	1	1	1	1	1	1	1	1
-28.75°	1	1	1	1	1	1	1	1	1	1	1
-30°	1	1	1	1	1	1	1	1	1	1	1
-31.25°	1	1	1	1	1	1	1	1	1	1	1
-32.5°	1	1	1	1	1	1	1	1	1	1	1
-33.75°	1	1	1	1	1	1	1	1	1	1	1
-35°	1	1	1	1	1	1	1	1	1	1	1
-36.25°	1	1	1	1	1	1	1	1	1	1	1
-37.5°	1	1	1	1	1	1	1	1	1	1	1
-38.75°	1	1	1	1	1	1	1	1	1	1	1
-40°	1	1	1	1	1	1	1	1	1	1	1
-41.25°	1	1	1	1	1	1	1	1	1	1	1
-42.5°	1	1	1	1	1	1	1	1	1	1	1
-43.75°	1	1	1	1	1	1	1	1	1	1	1
-45°	1	1	1	1	1	1	1	1	1	1	1
-46.25°	1	1	1	1	1	1	1	1	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	0	1	1	1	1	1	1	1	1	1	1
-60°	0	1	1	1	1	1	1	1	1	1	1
-61.25°	0	1	1	1	1	1	1	1	1	1	1
-62.5°	0	0	1	1	1	1	1	1	1	1	1
-63.75°	0	0	1	1	1	1	1	1	1	1	1
-65°	0	0	0	1	1	1	1	1	1	1	1
-66.25°	0	0	0	0	1	1	1	1	1	1	1
-67.5°	0	0	0	0	0	1	1	1	1	1	1
-68.75°	0	0	0	0	0	1	1	1	1	1	1
-70°	0	0	0	0	0	0	1	1	1	1	1
-71.25°	0	0	0	0	0	0	0	0	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	1
-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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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	1
77.5°	0	0	0	0	0	0	1	1	1	1	1
76.25°	0	0	0	0	1	1	1	1	1	1	1
75°	0	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	1	1	1	1	1
70°	1	1	1	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	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	2
48.75°	1	1	1	1	1	1	1	1	1	2	2
47.5°	1	1	1	1	1	1	1	1	2	2	2
46.25°	1	1	1	1	1	1	1	1	2	2	2
45°	1	1	1	1	1	1	1	2	2	2	2
43.75°	1	1	1	1	1	1	2	2	2	2	2
42.5°	1	1	1	1	1	2	2	2	2	2	2
41.25°	1	1	1	1	1	2	2	2	2	2	2
40°	1	1	1	1	2	2	2	2	2	2	2
38.75°	1	1	1	1	2	2	2	2	2	2	2
37.5°	1	1	1	2	2	2	2	2	2	2	2
36.25°	1	1	1	2	2	2	2	2	2	2	2
35°	1	1	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	1	2	2	2	2	2	2	2	2	2
32.5°	1	1	2	2	2	2	2	2	2	2	2
31.25°	1	2	2	2	2	2	2	2	2	2	2
30°	1	2	2	2	2	2	2	2	2	2	2
28.75°	1	2	2	2	2	2	2	2	2	2	2
27.5°	2	2	2	2	2	2	2	2	2	2	2
26.25°	2	2	2	2	2	2	2	2	2	2	2
25°	2	2	2	2	2	2	2	2	2	2	2
23.75°	2	2	2	2	2	2	2	2	2	2	3
22.5°	2	2	2	2	2	2	2	2	2	2	3
21.25°	2	2	2	2	2	2	2	2	2	2	3
20°	2	2	2	2	2	2	2	2	2	3	3
18.75°	2	2	2	2	2	2	2	2	2	3	3
17.5°	2	2	2	2	2	2	2	2	2	3	3
16.25°	2	2	2	2	2	2	2	2	2	3	3
15°	2	2	2	2	2	2	2	2	3	3	3
13.75°	2	2	2	2	2	2	2	2	3	3	3
12.5°	2	2	2	2	2	2	2	2	3	3	3
11.25°	2	2	2	2	2	2	2	2	3	3	3
10°	2	2	2	2	2	2	2	2	3	3	3
8.75°	2	2	2	2	2	2	2	2	3	3	3
7.5°	2	2	2	2	2	2	2	2	3	3	3
6.25°	2	2	2	2	2	2	2	3	3	3	3
5°	2	2	2	2	2	2	2	3	3	3	3
3.75°	2	2	2	2	2	2	2	3	3	3	3
2.5°	2	2	2	2	2	2	2	3	3	3	3
1.25°	2	2	2	2	2	2	2	3	3	3	3
0°	2	2	2	2	2	2	2	3	3	3	3
-1.25°	2	2	2	2	2	2	2	3	3	3	3
-2.5°	2	2	2	2	2	2	2	3	3	3	3
-3.75°	2	2	2	2	2	2	2	3	3	3	3
-5°	2	2	2	2	2	2	2	3	3	3	3
-6.25°	2	2	2	2	2	2	2	3	3	3	3
-7.5°	2	2	2	2	2	2	2	2	3	3	3
-8.75°	2	2	2	2	2	2	2	2	3	3	3
-10°	2	2	2	2	2	2	2	2	3	3	3
-11.25°	2	2	2	2	2	2	2	2	3	3	3
-12.5°	2	2	2	2	2	2	2	2	3	3	3
-13.75°	2	2	2	2	2	2	2	2	3	3	3
-15°	2	2	2	2	2	2	2	2	3	3	3
-16.25°	2	2	2	2	2	2	2	2	2	3	3
-17.5°	2	2	2	2	2	2	2	2	2	3	3
-18.75°	2	2	2	2	2	2	2	2	2	3	3
-20°	2	2	2	2	2	2	2	2	2	3	3
-21.25°	2	2	2	2	2	2	2	2	2	2	3



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	2	2	2	2	2	2	2	2	2	2	3
-23.75°	2	2	2	2	2	2	2	2	2	2	3
-25°	2	2	2	2	2	2	2	2	2	2	2
-26.25°	2	2	2	2	2	2	2	2	2	2	2
-27.5°	2	2	2	2	2	2	2	2	2	2	2
-28.75°	1	2	2	2	2	2	2	2	2	2	2
-30°	1	2	2	2	2	2	2	2	2	2	2
-31.25°	1	2	2	2	2	2	2	2	2	2	2
-32.5°	1	1	2	2	2	2	2	2	2	2	2
-33.75°	1	1	2	2	2	2	2	2	2	2	2
-35°	1	1	2	2	2	2	2	2	2	2	2
-36.25°	1	1	1	2	2	2	2	2	2	2	2
-37.5°	1	1	1	2	2	2	2	2	2	2	2
-38.75°	1	1	1	1	2	2	2	2	2	2	2
-40°	1	1	1	1	2	2	2	2	2	2	2
-41.25°	1	1	1	1	1	2	2	2	2	2	2
-42.5°	1	1	1	1	1	2	2	2	2	2	2
-43.75°	1	1	1	1	1	1	2	2	2	2	2
-45°	1	1	1	1	1	1	1	2	2	2	2
-46.25°	1	1	1	1	1	1	1	1	2	2	2
-47.5°	1	1	1	1	1	1	1	1	2	2	2
-48.75°	1	1	1	1	1	1	1	1	1	2	2
-50°	1	1	1	1	1	1	1	1	1	1	2
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-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°	1	1	1	1	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	1
-75°	0	1	1	1	1	1	1	1	1	1	1
-76.25°	0	0	0	0	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	1	1	1	1	1



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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	1
-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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
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	1	1	1	1	1
70°	1	1	1	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	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	2	2
57.5°	1	1	1	1	1	1	1	2	2	2	2
56.25°	1	1	1	1	1	2	2	2	2	2	2
55°	1	1	1	1	2	2	2	2	2	2	2
53.75°	1	1	1	2	2	2	2	2	2	2	2
52.5°	1	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	3
41.25°	2	2	2	2	2	2	2	2	2	3	3
40°	2	2	2	2	2	2	2	2	3	3	3
38.75°	2	2	2	2	2	2	2	3	3	3	3
37.5°	2	2	2	2	2	2	3	3	3	3	3
36.25°	2	2	2	2	2	3	3	3	3	3	3
35°	2	2	2	2	3	3	3	3	3	3	3



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	2	2	2	3	3	3	3	3	3	3	3
32.5°	2	2	2	3	3	3	3	3	3	3	4
31.25°	2	2	3	3	3	3	3	3	3	3	4
30°	2	2	3	3	3	3	3	3	3	4	4
28.75°	2	3	3	3	3	3	3	3	4	4	4
27.5°	2	3	3	3	3	3	3	4	4	4	5
26.25°	3	3	3	3	3	3	3	4	4	5	5
25°	3	3	3	3	3	3	4	4	4	5	5
23.75°	3	3	3	3	3	3	4	4	5	5	6
22.5°	3	3	3	3	3	4	4	5	5	5	8
21.25°	3	3	3	3	3	4	4	5	5	6	10
20°	3	3	3	3	4	4	4	5	5	8	12
18.75°	3	3	3	3	4	4	5	5	6	10	14
17.5°	3	3	3	3	4	4	5	5	8	12	16
16.25°	3	3	3	4	4	5	5	6	9	14	18
15°	3	3	3	4	4	5	5	6	11	15	20
13.75°	3	3	3	4	4	5	5	8	12	17	22
12.5°	3	3	3	4	4	5	5	9	14	18	23
11.25°	3	3	3	4	5	5	6	10	15	20	25
10°	3	3	4	4	5	5	7	11	16	21	26
8.75°	3	3	4	4	5	5	8	12	17	22	28
7.5°	3	3	4	4	5	5	8	13	18	23	30
6.25°	3	3	4	4	5	5	9	14	19	24	31
5°	3	3	4	4	5	5	9	14	19	25	32
3.75°	3	3	4	4	5	6	10	15	20	25	33
2.5°	3	3	4	4	5	6	10	15	20	26	33
1.25°	3	3	4	4	5	6	10	15	20	26	34
0°	3	3	4	5	5	6	10	15	21	26	34
-1.25°	3	3	4	4	5	6	10	15	20	26	34
-2.5°	3	3	4	4	5	6	10	15	20	26	33
-3.75°	3	3	4	4	5	6	10	15	20	25	33
-5°	3	3	4	4	5	5	9	14	19	25	32
-6.25°	3	3	4	4	5	5	9	14	19	24	31
-7.5°	3	3	4	4	5	5	8	13	18	23	30
-8.75°	3	3	4	4	5	5	8	12	17	22	28
-10°	3	3	4	4	5	5	7	11	16	21	26
-11.25°	3	3	3	4	5	5	6	10	15	20	25
-12.5°	3	3	3	4	4	5	5	9	14	18	23
-13.75°	3	3	3	4	4	5	5	8	12	17	22
-15°	3	3	3	4	4	5	5	6	11	15	20
-16.25°	3	3	3	4	4	5	5	6	9	14	18
-17.5°	3	3	3	3	4	4	5	5	8	12	16
-18.75°	3	3	3	3	4	4	5	5	6	10	14
-20°	3	3	3	3	4	4	4	5	5	8	12
-21.25°	3	3	3	3	3	4	4	5	5	6	10



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	3	3	3	3	3	4	4	5	5	5	8
-23.75°	3	3	3	3	3	3	4	4	5	5	6
-25°	3	3	3	3	3	3	4	4	4	5	5
-26.25°	3	3	3	3	3	3	3	4	4	5	5
-27.5°	2	3	3	3	3	3	3	4	4	4	5
-28.75°	2	3	3	3	3	3	3	3	4	4	4
-30°	2	2	3	3	3	3	3	3	3	4	4
-31.25°	2	2	3	3	3	3	3	3	3	3	4
-32.5°	2	2	2	3	3	3	3	3	3	3	4
-33.75°	2	2	2	3	3	3	3	3	3	3	3
-35°	2	2	2	2	3	3	3	3	3	3	3
-36.25°	2	2	2	2	2	3	3	3	3	3	3
-37.5°	2	2	2	2	2	2	3	3	3	3	3
-38.75°	2	2	2	2	2	2	2	3	3	3	3
-40°	2	2	2	2	2	2	2	2	3	3	3
-41.25°	2	2	2	2	2	2	2	2	2	3	3
-42.5°	2	2	2	2	2	2	2	2	2	2	3
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	1	2	2	2	2	2	2	2	2	2	2
-53.75°	1	1	1	2	2	2	2	2	2	2	2
-55°	1	1	1	1	2	2	2	2	2	2	2
-56.25°	1	1	1	1	1	2	2	2	2	2	2
-57.5°	1	1	1	1	1	1	1	2	2	2	2
-58.75°	1	1	1	1	1	1	1	1	1	2	2
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-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°	1	1	1	1	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	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	0	0	0	0	1	1	1	1	1	1	1
-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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
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	1	1	1	1	1
70°	1	1	1	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	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	2	2	2	2	2
61.25°	1	1	1	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	3	3
48.75°	2	2	2	2	2	2	2	3	3	3	3
47.5°	2	2	2	2	2	3	3	3	3	3	3
46.25°	2	2	2	3	3	3	3	3	3	3	3
45°	2	3	3	3	3	3	3	3	3	3	3
43.75°	3	3	3	3	3	3	3	3	3	3	3
42.5°	3	3	3	3	3	3	3	3	3	3	4
41.25°	3	3	3	3	3	3	3	3	4	4	4
40°	3	3	3	3	3	3	4	4	4	4	5
38.75°	3	3	3	3	3	4	4	4	4	5	5
37.5°	3	3	3	3	4	4	4	5	5	5	5
36.25°	3	3	4	4	4	4	5	5	5	6	8
35°	3	4	4	4	5	5	5	6	7	10	12



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	4	4	4	5	5	5	6	8	11	13	16
32.5°	4	4	5	5	5	6	9	12	15	17	20
31.25°	4	5	5	5	7	10	13	15	19	22	24
30°	5	5	5	7	10	13	16	19	23	26	30
28.75°	5	5	6	10	13	16	20	23	27	31	36
27.5°	5	6	9	13	16	20	23	27	32	37	42
26.25°	6	8	12	15	19	23	27	33	38	45	57
25°	7	11	15	19	23	27	32	38	45	59	72
23.75°	10	13	17	22	26	31	37	45	59	73	94
22.5°	12	16	20	24	30	36	42	57	72	94	137
21.25°	14	19	23	28	34	40	54	69	89	134	178
20°	17	21	26	32	38	49	65	81	126	172	222
18.75°	19	23	29	36	43	60	76	113	162	211	274
17.5°	21	26	33	39	53	70	96	146	196	259	326
16.25°	23	29	36	44	62	79	126	178	237	306	378
15°	25	32	39	53	70	101	154	208	279	352	428
13.75°	27	35	42	60	78	126	181	245	320	397	476
12.5°	30	37	49	67	93	150	205	280	359	439	522
11.25°	32	39	55	74	114	171	236	314	395	479	565
10°	34	42	60	80	133	191	264	345	429	516	605
8.75°	36	46	65	90	150	209	289	373	460	550	641
7.5°	37	50	70	104	164	230	312	398	487	579	673
6.25°	39	54	74	116	177	248	332	420	511	605	700
5°	40	57	77	126	187	262	348	438	531	627	722
3.75°	41	59	79	134	195	274	361	452	546	643	742
2.5°	41	61	81	139	201	283	371	463	558	655	757
1.25°	42	62	82	143	204	288	376	469	564	663	766
0°	42	62	82	144	206	290	378	471	567	665	769
-1.25°	42	62	82	143	204	288	376	469	564	663	766
-2.5°	41	61	81	139	201	283	371	463	558	655	757
-3.75°	41	59	79	134	195	274	361	452	546	643	742
-5°	40	57	77	126	187	262	348	438	531	627	722
-6.25°	39	54	74	116	177	248	332	420	511	605	700
-7.5°	37	50	70	104	164	230	312	398	487	579	673
-8.75°	36	46	65	90	150	209	289	373	460	550	641
-10°	34	42	60	80	133	191	264	345	429	516	605
-11.25°	32	39	55	74	114	171	236	314	395	479	565
-12.5°	30	37	49	67	93	150	205	280	359	439	522
-13.75°	27	35	42	60	78	126	181	245	320	397	476
-15°	25	32	39	53	70	101	154	208	279	352	428
-16.25°	23	29	36	44	62	79	126	178	237	306	378
-17.5°	21	26	33	39	53	70	96	146	196	259	326
-18.75°	19	23	29	36	43	60	76	113	162	211	274
-20°	17	21	26	32	38	49	65	81	126	172	222
-21.25°	14	19	23	28	34	40	54	69	89	134	178



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	12	16	20	24	30	36	42	57	72	94	137
-23.75°	10	13	17	22	26	31	37	45	59	73	94
-25°	7	11	15	19	23	27	32	38	45	59	72
-26.25°	6	8	12	15	19	23	27	33	38	45	57
-27.5°	5	6	9	13	16	20	23	27	32	37	42
-28.75°	5	5	6	10	13	16	20	23	27	31	36
-30°	5	5	5	7	10	13	16	19	23	26	30
-31.25°	4	5	5	5	7	10	13	15	19	22	24
-32.5°	4	4	5	5	5	6	9	12	15	17	20
-33.75°	4	4	4	5	5	5	6	8	11	13	16
-35°	3	4	4	4	5	5	5	6	7	10	12
-36.25°	3	3	4	4	4	4	5	5	5	6	8
-37.5°	3	3	3	3	4	4	4	5	5	5	5
-38.75°	3	3	3	3	3	4	4	4	4	5	5
-40°	3	3	3	3	3	3	4	4	4	4	5
-41.25°	3	3	3	3	3	3	3	3	4	4	4
-42.5°	3	3	3	3	3	3	3	3	3	3	4
-43.75°	3	3	3	3	3	3	3	3	3	3	3
-45°	2	3	3	3	3	3	3	3	3	3	3
-46.25°	2	2	2	3	3	3	3	3	3	3	3
-47.5°	2	2	2	2	2	3	3	3	3	3	3
-48.75°	2	2	2	2	2	2	2	3	3	3	3
-50°	2	2	2	2	2	2	2	2	2	3	3
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	1	1	1	2	2	2	2	2	2	2	2
-62.5°	1	1	1	1	1	1	2	2	2	2	2
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-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°	1	1	1	1	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	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
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	1	1	1	1	1
70°	1	1	1	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	1	1	1
65°	1	1	1	1	1	1	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	3	3	3	3	3	3
51.25°	2	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	3	3	3
48.75°	3	3	3	3	3	3	3	3	3	3	3
47.5°	3	3	3	3	3	3	3	3	3	3	3
46.25°	3	3	3	3	3	3	3	3	3	4	4
45°	3	3	3	3	4	4	4	4	4	4	4
43.75°	3	4	4	4	4	4	4	4	5	5	5
42.5°	4	4	4	4	5	5	5	5	5	5	5
41.25°	4	4	5	5	5	5	5	5	6	7	8
40°	5	5	5	5	6	6	8	9	10	11	12
38.75°	5	5	6	8	9	11	12	14	15	16	17
37.5°	6	8	10	12	14	15	17	18	20	21	22
36.25°	10	12	14	16	18	20	22	23	25	26	28
35°	14	17	19	21	23	25	27	30	32	34	36



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	19	21	23	26	29	32	35	37	39	42	46
32.5°	23	26	29	33	36	39	42	49	55	60	65
31.25°	28	32	36	39	44	53	60	67	74	80	90
30°	34	38	43	53	62	70	78	93	114	133	150
28.75°	40	49	60	70	79	101	126	150	171	191	209
27.5°	54	65	76	96	126	154	181	205	236	264	289
26.25°	69	81	113	146	178	208	245	280	314	345	373
25°	89	126	162	196	237	279	320	359	395	429	460
23.75°	134	172	211	259	306	352	397	439	479	516	550
22.5°	178	222	274	326	378	428	476	522	565	605	641
21.25°	226	282	338	395	451	504	556	606	652	694	733
20°	282	343	404	464	524	581	637	689	739	790	840
18.75°	338	404	469	533	597	658	716	777	840	903	967
17.5°	395	464	533	602	669	733	803	879	956	1033	1107
16.25°	451	524	597	669	740	817	903	994	1084	1172	1254
15°	504	581	658	733	817	911	1013	1116	1217	1313	1404
13.75°	556	637	716	803	903	1013	1127	1240	1350	1456	1552
12.5°	606	689	777	879	994	1116	1240	1363	1482	1593	1692
11.25°	652	739	840	956	1084	1217	1350	1482	1606	1720	1818
10°	694	790	903	1033	1172	1313	1456	1593	1720	1832	1934
8.75°	733	840	967	1107	1254	1404	1552	1692	1818	1934	2038
7.5°	771	888	1025	1174	1328	1485	1637	1777	1906	2024	2131
6.25°	804	931	1078	1234	1395	1556	1710	1851	1982	2101	2211
5°	835	971	1123	1283	1451	1615	1769	1911	2044	2167	2278
3.75°	861	1002	1159	1324	1495	1660	1815	1960	2093	2218	2328
2.5°	879	1024	1185	1354	1526	1694	1848	1994	2129	2255	2365
1.25°	891	1038	1201	1372	1546	1714	1868	2014	2151	2277	2387
0°	894	1042	1207	1378	1552	1721	1875	2021	2158	2285	2394
-1.25°	891	1038	1201	1372	1546	1714	1868	2014	2151	2277	2387
-2.5°	879	1024	1185	1354	1526	1694	1848	1994	2129	2255	2365
-3.75°	861	1002	1159	1324	1495	1660	1815	1960	2093	2218	2328
-5°	835	971	1123	1283	1451	1615	1769	1911	2044	2167	2278
-6.25°	804	931	1078	1234	1395	1556	1710	1851	1982	2101	2211
-7.5°	771	888	1025	1174	1328	1485	1637	1777	1906	2024	2131
-8.75°	733	840	967	1107	1254	1404	1552	1692	1818	1934	2038
-10°	694	790	903	1033	1172	1313	1456	1593	1720	1832	1934
-11.25°	652	739	840	956	1084	1217	1350	1482	1606	1720	1818
-12.5°	606	689	777	879	994	1116	1240	1363	1482	1593	1692
-13.75°	556	637	716	803	903	1013	1127	1240	1350	1456	1552
-15°	504	581	658	733	817	911	1013	1116	1217	1313	1404
-16.25°	451	524	597	669	740	817	903	994	1084	1172	1254
-17.5°	395	464	533	602	669	733	803	879	956	1033	1107
-18.75°	338	404	469	533	597	658	716	777	840	903	967
-20°	282	343	404	464	524	581	637	689	739	790	840
-21.25°	226	282	338	395	451	504	556	606	652	694	733



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	178	222	274	326	378	428	476	522	565	605	641
-23.75°	134	172	211	259	306	352	397	439	479	516	550
-25°	89	126	162	196	237	279	320	359	395	429	460
-26.25°	69	81	113	146	178	208	245	280	314	345	373
-27.5°	54	65	76	96	126	154	181	205	236	264	289
-28.75°	40	49	60	70	79	101	126	150	171	191	209
-30°	34	38	43	53	62	70	78	93	114	133	150
-31.25°	28	32	36	39	44	53	60	67	74	80	90
-32.5°	23	26	29	33	36	39	42	49	55	60	65
-33.75°	19	21	23	26	29	32	35	37	39	42	46
-35°	14	17	19	21	23	25	27	30	32	34	36
-36.25°	10	12	14	16	18	20	22	23	25	26	28
-37.5°	6	8	10	12	14	15	17	18	20	21	22
-38.75°	5	5	6	8	9	11	12	14	15	16	17
-40°	5	5	5	5	6	6	8	9	10	11	12
-41.25°	4	4	5	5	5	5	5	5	6	7	8
-42.5°	4	4	4	4	5	5	5	5	5	5	5
-43.75°	3	4	4	4	4	4	4	4	5	5	5
-45°	3	3	3	3	4	4	4	4	4	4	4
-46.25°	3	3	3	3	3	3	3	3	3	4	4
-47.5°	3	3	3	3	3	3	3	3	3	3	3
-48.75°	3	3	3	3	3	3	3	3	3	3	3
-50°	3	3	3	3	3	3	3	3	3	3	3
-51.25°	2	3	3	3	3	3	3	3	3	3	3
-52.5°	2	2	2	2	2	3	3	3	3	3	3
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	1	1	1	1	1	1	2	2	2	2	2
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-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°	1	1	1	1	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	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	0	0	1	1	1	1	1	1	1	1	1
-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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
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	1	1	1	1	1
70°	1	1	1	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	1	1	1
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	3	3	3
48.75°	3	3	3	3	3	3	3	3	3	3	3
47.5°	3	3	3	3	3	3	3	3	3	3	3
46.25°	4	4	4	4	4	4	4	4	4	4	4
45°	4	4	4	4	4	4	5	4	4	4	4
43.75°	5	5	5	5	5	5	5	5	5	5	5
42.5°	5	5	5	6	6	6	6	6	6	6	5
41.25°	8	9	9	10	10	10	10	10	10	10	9
40°	13	14	14	15	15	15	15	15	15	15	14
38.75°	18	19	19	20	20	20	21	20	20	20	19
37.5°	23	24	25	25	26	26	26	26	26	25	25
36.25°	30	31	32	33	33	34	34	34	33	33	32
35°	37	39	40	41	41	42	42	42	41	41	40



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	50	54	57	59	61	62	62	62	61	59	57
32.5°	70	74	77	79	81	82	82	82	81	79	77
31.25°	104	116	126	134	139	143	144	143	139	134	126
30°	164	177	187	195	201	204	206	204	201	195	187
28.75°	230	248	262	274	283	288	290	288	283	274	262
27.5°	312	332	348	361	371	376	378	376	371	361	348
26.25°	398	420	438	452	463	469	471	469	463	452	438
25°	487	511	531	546	558	564	567	564	558	546	531
23.75°	579	605	627	643	655	663	665	663	655	643	627
22.5°	673	700	722	742	757	766	769	766	757	742	722
21.25°	771	804	835	861	879	891	894	891	879	861	835
20°	888	931	971	1002	1024	1038	1042	1038	1024	1002	971
18.75°	1025	1078	1123	1159	1185	1201	1207	1201	1185	1159	1123
17.5°	1174	1234	1283	1324	1354	1372	1378	1372	1354	1324	1283
16.25°	1328	1395	1451	1495	1526	1546	1552	1546	1526	1495	1451
15°	1485	1556	1615	1660	1694	1714	1721	1714	1694	1660	1615
13.75°	1637	1710	1769	1815	1848	1868	1875	1868	1848	1815	1769
12.5°	1777	1851	1911	1960	1994	2014	2021	2014	1994	1960	1911
11.25°	1906	1982	2044	2093	2129	2151	2158	2151	2129	2093	2044
10°	2024	2101	2167	2218	2255	2277	2285	2277	2255	2218	2167
8.75°	2131	2211	2278	2328	2365	2387	2394	2387	2365	2328	2278
7.5°	2226	2307	2373	2424	2462	2482	2489	2482	2462	2424	2373
6.25°	2307	2388	2455	2504	2538	2557	2564	2557	2538	2504	2455
5°	2373	2455	2519	2564	2593	2609	2614	2609	2593	2564	2519
3.75°	2424	2504	2564	2603	2628	2643	2647	2643	2628	2603	2564
2.5°	2462	2538	2593	2628	2652	2666	2671	2666	2652	2628	2593
1.25°	2482	2557	2609	2643	2666	2683	2691	2683	2666	2643	2609
0°	2489	2564	2614	2647	2671	2691	2705	2691	2671	2647	2614
-1.25°	2482	2557	2609	2643	2666	2683	2691	2683	2666	2643	2609
-2.5°	2462	2538	2593	2628	2652	2666	2671	2666	2652	2628	2593
-3.75°	2424	2504	2564	2603	2628	2643	2647	2643	2628	2603	2564
-5°	2373	2455	2519	2564	2593	2609	2614	2609	2593	2564	2519
-6.25°	2307	2388	2455	2504	2538	2557	2564	2557	2538	2504	2455
-7.5°	2226	2307	2373	2424	2462	2482	2489	2482	2462	2424	2373
-8.75°	2131	2211	2278	2328	2365	2387	2394	2387	2365	2328	2278
-10°	2024	2101	2167	2218	2255	2277	2285	2277	2255	2218	2167
-11.25°	1906	1982	2044	2093	2129	2151	2158	2151	2129	2093	2044
-12.5°	1777	1851	1911	1960	1994	2014	2021	2014	1994	1960	1911
-13.75°	1637	1710	1769	1815	1848	1868	1875	1868	1848	1815	1769
-15°	1485	1556	1615	1660	1694	1714	1721	1714	1694	1660	1615
-16.25°	1328	1395	1451	1495	1526	1546	1552	1546	1526	1495	1451
-17.5°	1174	1234	1283	1324	1354	1372	1378	1372	1354	1324	1283
-18.75°	1025	1078	1123	1159	1185	1201	1207	1201	1185	1159	1123
-20°	888	931	971	1002	1024	1038	1042	1038	1024	1002	971
-21.25°	771	804	835	861	879	891	894	891	879	861	835



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	673	700	722	742	757	766	769	766	757	742	722
-23.75°	579	605	627	643	655	663	665	663	655	643	627
-25°	487	511	531	546	558	564	567	564	558	546	531
-26.25°	398	420	438	452	463	469	471	469	463	452	438
-27.5°	312	332	348	361	371	376	378	376	371	361	348
-28.75°	230	248	262	274	283	288	290	288	283	274	262
-30°	164	177	187	195	201	204	206	204	201	195	187
-31.25°	104	116	126	134	139	143	144	143	139	134	126
-32.5°	70	74	77	79	81	82	82	82	81	79	77
-33.75°	50	54	57	59	61	62	62	62	61	59	57
-35°	37	39	40	41	41	42	42	42	41	41	40
-36.25°	30	31	32	33	33	34	34	34	33	33	32
-37.5°	23	24	25	25	26	26	26	26	26	25	25
-38.75°	18	19	19	20	20	20	21	20	20	20	19
-40°	13	14	14	15	15	15	15	15	15	15	14
-41.25°	8	9	9	10	10	10	10	10	10	10	9
-42.5°	5	5	5	6	6	6	6	6	6	6	5
-43.75°	5	5	5	5	5	5	5	5	5	5	5
-45°	4	4	4	4	4	4	5	4	4	4	4
-46.25°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	3	3	3	3	3	3	3	3	3	3	3
-48.75°	3	3	3	3	3	3	3	3	3	3	3
-50°	3	3	3	3	3	3	3	3	3	3	3
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	2	3	3	3	3	3	3	3	3	3	3
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-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°	1	1	1	1	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	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
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	1	1	1	1	1
70°	1	1	1	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	1	1	1
65°	2	2	2	2	2	2	2	1	1	1	1
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	3	2	2	2	2	2	2	2	2	2	2
52.5°	3	3	3	3	3	3	3	3	2	2	2
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	3	3	3
48.75°	3	3	3	3	3	3	3	3	3	3	3
47.5°	3	3	3	3	3	3	3	3	3	3	3
46.25°	4	4	4	4	3	3	3	3	3	3	3
45°	4	4	4	4	4	4	4	4	4	3	3
43.75°	5	5	5	5	5	4	4	4	4	4	4
42.5°	5	5	5	5	5	5	5	5	5	4	4
41.25°	9	8	8	7	6	5	5	5	5	5	5
40°	14	13	12	11	10	9	8	6	6	5	5
38.75°	19	18	17	16	15	14	12	11	9	8	6
37.5°	24	23	22	21	20	18	17	15	14	12	10
36.25°	31	30	28	26	25	23	22	20	18	16	14
35°	39	37	36	34	32	30	27	25	23	21	19



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	54	50	46	42	39	37	35	32	29	26	23
32.5°	74	70	65	60	55	49	42	39	36	33	29
31.25°	116	104	90	80	74	67	60	53	44	39	36
30°	177	164	150	133	114	93	78	70	62	53	43
28.75°	248	230	209	191	171	150	126	101	79	70	60
27.5°	332	312	289	264	236	205	181	154	126	96	76
26.25°	420	398	373	345	314	280	245	208	178	146	113
25°	511	487	460	429	395	359	320	279	237	196	162
23.75°	605	579	550	516	479	439	397	352	306	259	211
22.5°	700	673	641	605	565	522	476	428	378	326	274
21.25°	804	771	733	694	652	606	556	504	451	395	338
20°	931	888	840	790	739	689	637	581	524	464	404
18.75°	1078	1025	967	903	840	777	716	658	597	533	469
17.5°	1234	1174	1107	1033	956	879	803	733	669	602	533
16.25°	1395	1328	1254	1172	1084	994	903	817	740	669	597
15°	1556	1485	1404	1313	1217	1116	1013	911	817	733	658
13.75°	1710	1637	1552	1456	1350	1240	1127	1013	903	803	716
12.5°	1851	1777	1692	1593	1482	1363	1240	1116	994	879	777
11.25°	1982	1906	1818	1720	1606	1482	1350	1217	1084	956	840
10°	2101	2024	1934	1832	1720	1593	1456	1313	1172	1033	903
8.75°	2211	2131	2038	1934	1818	1692	1552	1404	1254	1107	967
7.5°	2307	2226	2131	2024	1906	1777	1637	1485	1328	1174	1025
6.25°	2388	2307	2211	2101	1982	1851	1710	1556	1395	1234	1078
5°	2455	2373	2278	2167	2044	1911	1769	1615	1451	1283	1123
3.75°	2504	2424	2328	2218	2093	1960	1815	1660	1495	1324	1159
2.5°	2538	2462	2365	2255	2129	1994	1848	1694	1526	1354	1185
1.25°	2557	2482	2387	2277	2151	2014	1868	1714	1546	1372	1201
0°	2564	2489	2394	2285	2158	2021	1875	1721	1552	1378	1207
-1.25°	2557	2482	2387	2277	2151	2014	1868	1714	1546	1372	1201
-2.5°	2538	2462	2365	2255	2129	1994	1848	1694	1526	1354	1185
-3.75°	2504	2424	2328	2218	2093	1960	1815	1660	1495	1324	1159
-5°	2455	2373	2278	2167	2044	1911	1769	1615	1451	1283	1123
-6.25°	2388	2307	2211	2101	1982	1851	1710	1556	1395	1234	1078
-7.5°	2307	2226	2131	2024	1906	1777	1637	1485	1328	1174	1025
-8.75°	2211	2131	2038	1934	1818	1692	1552	1404	1254	1107	967
-10°	2101	2024	1934	1832	1720	1593	1456	1313	1172	1033	903
-11.25°	1982	1906	1818	1720	1606	1482	1350	1217	1084	956	840
-12.5°	1851	1777	1692	1593	1482	1363	1240	1116	994	879	777
-13.75°	1710	1637	1552	1456	1350	1240	1127	1013	903	803	716
-15°	1556	1485	1404	1313	1217	1116	1013	911	817	733	658
-16.25°	1395	1328	1254	1172	1084	994	903	817	740	669	597
-17.5°	1234	1174	1107	1033	956	879	803	733	669	602	533
-18.75°	1078	1025	967	903	840	777	716	658	597	533	469
-20°	931	888	840	790	739	689	637	581	524	464	404
-21.25°	804	771	733	694	652	606	556	504	451	395	338



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	700	673	641	605	565	522	476	428	378	326	274
-23.75°	605	579	550	516	479	439	397	352	306	259	211
-25°	511	487	460	429	395	359	320	279	237	196	162
-26.25°	420	398	373	345	314	280	245	208	178	146	113
-27.5°	332	312	289	264	236	205	181	154	126	96	76
-28.75°	248	230	209	191	171	150	126	101	79	70	60
-30°	177	164	150	133	114	93	78	70	62	53	43
-31.25°	116	104	90	80	74	67	60	53	44	39	36
-32.5°	74	70	65	60	55	49	42	39	36	33	29
-33.75°	54	50	46	42	39	37	35	32	29	26	23
-35°	39	37	36	34	32	30	27	25	23	21	19
-36.25°	31	30	28	26	25	23	22	20	18	16	14
-37.5°	24	23	22	21	20	18	17	15	14	12	10
-38.75°	19	18	17	16	15	14	12	11	9	8	6
-40°	14	13	12	11	10	9	8	6	6	5	5
-41.25°	9	8	8	7	6	5	5	5	5	5	5
-42.5°	5	5	5	5	5	5	5	5	5	4	4
-43.75°	5	5	5	5	5	4	4	4	4	4	4
-45°	4	4	4	4	4	4	4	4	4	3	3
-46.25°	4	4	4	4	3	3	3	3	3	3	3
-47.5°	3	3	3	3	3	3	3	3	3	3	3
-48.75°	3	3	3	3	3	3	3	3	3	3	3
-50°	3	3	3	3	3	3	3	3	3	3	3
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	2	2	2
-53.75°	3	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-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°	1	1	1	1	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	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
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	1	1	1	1	1
70°	1	1	1	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	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	2	2	1	1	1	1	1	1	1	1	1
62.5°	2	2	2	2	2	2	2	1	1	1	1
61.25°	2	2	2	2	2	2	2	2	2	2	1
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	3	2	2	2	2	2	2	2	2	2	2
50°	3	3	3	3	2	2	2	2	2	2	2
48.75°	3	3	3	3	3	3	2	2	2	2	2
47.5°	3	3	3	3	3	3	3	3	2	2	2
46.25°	3	3	3	3	3	3	3	3	3	3	2
45°	3	3	3	3	3	3	3	3	3	3	3
43.75°	4	3	3	3	3	3	3	3	3	3	3
42.5°	4	4	4	3	3	3	3	3	3	3	3
41.25°	4	4	4	4	4	3	3	3	3	3	3
40°	5	5	5	4	4	4	4	3	3	3	3
38.75°	5	5	5	5	4	4	4	4	3	3	3
37.5°	8	6	5	5	5	5	4	4	4	3	3
36.25°	12	10	8	6	5	5	5	4	4	4	4
35°	17	14	12	10	7	6	5	5	5	4	4



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	21	19	16	13	11	8	6	5	5	5	4
32.5°	26	23	20	17	15	12	9	6	5	5	5
31.25°	32	28	24	22	19	15	13	10	7	5	5
30°	38	34	30	26	23	19	16	13	10	7	5
28.75°	49	40	36	31	27	23	20	16	13	10	6
27.5°	65	54	42	37	32	27	23	20	16	13	9
26.25°	81	69	57	45	38	33	27	23	19	15	12
25°	126	89	72	59	45	38	32	27	23	19	15
23.75°	172	134	94	73	59	45	37	31	26	22	17
22.5°	222	178	137	94	72	57	42	36	30	24	20
21.25°	282	226	178	134	89	69	54	40	34	28	23
20°	343	282	222	172	126	81	65	49	38	32	26
18.75°	404	338	274	211	162	113	76	60	43	36	29
17.5°	464	395	326	259	196	146	96	70	53	39	33
16.25°	524	451	378	306	237	178	126	79	62	44	36
15°	581	504	428	352	279	208	154	101	70	53	39
13.75°	637	556	476	397	320	245	181	126	78	60	42
12.5°	689	606	522	439	359	280	205	150	93	67	49
11.25°	739	652	565	479	395	314	236	171	114	74	55
10°	790	694	605	516	429	345	264	191	133	80	60
8.75°	840	733	641	550	460	373	289	209	150	90	65
7.5°	888	771	673	579	487	398	312	230	164	104	70
6.25°	931	804	700	605	511	420	332	248	177	116	74
5°	971	835	722	627	531	438	348	262	187	126	77
3.75°	1002	861	742	643	546	452	361	274	195	134	79
2.5°	1024	879	757	655	558	463	371	283	201	139	81
1.25°	1038	891	766	663	564	469	376	288	204	143	82
0°	1042	894	769	665	567	471	378	290	206	144	82
-1.25°	1038	891	766	663	564	469	376	288	204	143	82
-2.5°	1024	879	757	655	558	463	371	283	201	139	81
-3.75°	1002	861	742	643	546	452	361	274	195	134	79
-5°	971	835	722	627	531	438	348	262	187	126	77
-6.25°	931	804	700	605	511	420	332	248	177	116	74
-7.5°	888	771	673	579	487	398	312	230	164	104	70
-8.75°	840	733	641	550	460	373	289	209	150	90	65
-10°	790	694	605	516	429	345	264	191	133	80	60
-11.25°	739	652	565	479	395	314	236	171	114	74	55
-12.5°	689	606	522	439	359	280	205	150	93	67	49
-13.75°	637	556	476	397	320	245	181	126	78	60	42
-15°	581	504	428	352	279	208	154	101	70	53	39
-16.25°	524	451	378	306	237	178	126	79	62	44	36
-17.5°	464	395	326	259	196	146	96	70	53	39	33
-18.75°	404	338	274	211	162	113	76	60	43	36	29
-20°	343	282	222	172	126	81	65	49	38	32	26
-21.25°	282	226	178	134	89	69	54	40	34	28	23



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	222	178	137	94	72	57	42	36	30	24	20
-23.75°	172	134	94	73	59	45	37	31	26	22	17
-25°	126	89	72	59	45	38	32	27	23	19	15
-26.25°	81	69	57	45	38	33	27	23	19	15	12
-27.5°	65	54	42	37	32	27	23	20	16	13	9
-28.75°	49	40	36	31	27	23	20	16	13	10	6
-30°	38	34	30	26	23	19	16	13	10	7	5
-31.25°	32	28	24	22	19	15	13	10	7	5	5
-32.5°	26	23	20	17	15	12	9	6	5	5	5
-33.75°	21	19	16	13	11	8	6	5	5	5	4
-35°	17	14	12	10	7	6	5	5	5	4	4
-36.25°	12	10	8	6	5	5	5	4	4	4	4
-37.5°	8	6	5	5	5	5	4	4	4	3	3
-38.75°	5	5	5	5	4	4	4	4	3	3	3
-40°	5	5	5	4	4	4	4	3	3	3	3
-41.25°	4	4	4	4	4	3	3	3	3	3	3
-42.5°	4	4	4	3	3	3	3	3	3	3	3
-43.75°	4	3	3	3	3	3	3	3	3	3	3
-45°	3	3	3	3	3	3	3	3	3	3	3
-46.25°	3	3	3	3	3	3	3	3	3	3	2
-47.5°	3	3	3	3	3	3	3	3	2	2	2
-48.75°	3	3	3	3	3	3	2	2	2	2	2
-50°	3	3	3	3	2	2	2	2	2	2	2
-51.25°	3	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	1
-62.5°	2	2	2	2	2	2	2	1	1	1	1
-63.75°	2	2	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-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°	1	1	1	1	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	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	1	0	0	0	0	0	0	0	0	0
80°	1	1	1	1	1	1	1	1	1	0	0
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
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	1	1	1	1	1
70°	1	1	1	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	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	2	2	1	1	1	1	1	1	1	1	1
58.75°	2	2	2	2	1	1	1	1	1	1	1
57.5°	2	2	2	2	2	2	1	1	1	1	1
56.25°	2	2	2	2	2	2	2	2	1	1	1
55°	2	2	2	2	2	2	2	2	2	1	1
53.75°	2	2	2	2	2	2	2	2	2	2	1
52.5°	2	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	2
48.75°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	3	2	2	2	2	2	2	2	2	2	2
43.75°	3	3	2	2	2	2	2	2	2	2	2
42.5°	3	3	3	2	2	2	2	2	2	2	2
41.25°	3	3	3	3	2	2	2	2	2	2	2
40°	3	3	3	3	3	2	2	2	2	2	2
38.75°	3	3	3	3	3	3	2	2	2	2	2
37.5°	3	3	3	3	3	3	3	2	2	2	2
36.25°	3	3	3	3	3	3	3	3	2	2	2
35°	4	3	3	3	3	3	3	3	3	2	2



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	4	4	3	3	3	3	3	3	3	3	2
32.5°	4	4	4	3	3	3	3	3	3	3	2
31.25°	5	4	4	3	3	3	3	3	3	3	3
30°	5	5	4	4	3	3	3	3	3	3	3
28.75°	5	5	4	4	4	3	3	3	3	3	3
27.5°	6	5	5	4	4	4	3	3	3	3	3
26.25°	8	6	5	5	4	4	3	3	3	3	3
25°	11	7	5	5	4	4	4	3	3	3	3
23.75°	13	10	6	5	5	4	4	3	3	3	3
22.5°	16	12	8	5	5	5	4	4	3	3	3
21.25°	19	14	10	6	5	5	4	4	3	3	3
20°	21	17	12	8	5	5	4	4	4	3	3
18.75°	23	19	14	10	6	5	5	4	4	3	3
17.5°	26	21	16	12	8	5	5	4	4	3	3
16.25°	29	23	18	14	9	6	5	5	4	4	3
15°	32	25	20	15	11	6	5	5	4	4	3
13.75°	35	27	22	17	12	8	5	5	4	4	3
12.5°	37	30	23	18	14	9	5	5	4	4	3
11.25°	39	32	25	20	15	10	6	5	5	4	3
10°	42	34	26	21	16	11	7	5	5	4	4
8.75°	46	36	28	22	17	12	8	5	5	4	4
7.5°	50	37	30	23	18	13	8	5	5	4	4
6.25°	54	39	31	24	19	14	9	5	5	4	4
5°	57	40	32	25	19	14	9	5	5	4	4
3.75°	59	41	33	25	20	15	10	6	5	4	4
2.5°	61	41	33	26	20	15	10	6	5	4	4
1.25°	62	42	34	26	20	15	10	6	5	4	4
0°	62	42	34	26	21	15	10	6	5	5	4
-1.25°	62	42	34	26	20	15	10	6	5	4	4
-2.5°	61	41	33	26	20	15	10	6	5	4	4
-3.75°	59	41	33	25	20	15	10	6	5	4	4
-5°	57	40	32	25	19	14	9	5	5	4	4
-6.25°	54	39	31	24	19	14	9	5	5	4	4
-7.5°	50	37	30	23	18	13	8	5	5	4	4
-8.75°	46	36	28	22	17	12	8	5	5	4	4
-10°	42	34	26	21	16	11	7	5	5	4	4
-11.25°	39	32	25	20	15	10	6	5	5	4	3
-12.5°	37	30	23	18	14	9	5	5	4	4	3
-13.75°	35	27	22	17	12	8	5	5	4	4	3
-15°	32	25	20	15	11	6	5	5	4	4	3
-16.25°	29	23	18	14	9	6	5	5	4	4	3
-17.5°	26	21	16	12	8	5	5	4	4	3	3
-18.75°	23	19	14	10	6	5	5	4	4	3	3
-20°	21	17	12	8	5	5	4	4	4	3	3
-21.25°	19	14	10	6	5	5	4	4	3	3	3



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	16	12	8	5	5	5	4	4	3	3	3
-23.75°	13	10	6	5	5	4	4	3	3	3	3
-25°	11	7	5	5	4	4	4	3	3	3	3
-26.25°	8	6	5	5	4	4	3	3	3	3	3
-27.5°	6	5	5	4	4	4	3	3	3	3	3
-28.75°	5	5	4	4	4	3	3	3	3	3	3
-30°	5	5	4	4	3	3	3	3	3	3	3
-31.25°	5	4	4	3	3	3	3	3	3	3	3
-32.5°	4	4	4	3	3	3	3	3	3	3	2
-33.75°	4	4	3	3	3	3	3	3	3	3	2
-35°	4	3	3	3	3	3	3	3	3	2	2
-36.25°	3	3	3	3	3	3	3	3	2	2	2
-37.5°	3	3	3	3	3	3	3	2	2	2	2
-38.75°	3	3	3	3	3	3	2	2	2	2	2
-40°	3	3	3	3	3	2	2	2	2	2	2
-41.25°	3	3	3	3	2	2	2	2	2	2	2
-42.5°	3	3	3	2	2	2	2	2	2	2	2
-43.75°	3	3	2	2	2	2	2	2	2	2	2
-45°	3	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	2
-51.25°	2	2	2	2	2	2	2	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	2	2	2
-53.75°	2	2	2	2	2	2	2	2	2	2	1
-55°	2	2	2	2	2	2	2	2	2	1	1
-56.25°	2	2	2	2	2	2	2	2	1	1	1
-57.5°	2	2	2	2	2	2	1	1	1	1	1
-58.75°	2	2	2	2	1	1	1	1	1	1	1
-60°	2	2	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-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°	1	1	1	1	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	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	0	0
-81.25°	1	1	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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	1	1	0	0	0	0	0	0	0	0
77.5°	1	1	1	1	1	1	1	0	0	0	0
76.25°	1	1	1	1	1	1	1	1	1	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	1	1	1	1	1
70°	1	1	1	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	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	2	1	1	1	1	1	1	1	1	1	1
51.25°	2	2	1	1	1	1	1	1	1	1	1
50°	2	2	2	1	1	1	1	1	1	1	1
48.75°	2	2	2	2	1	1	1	1	1	1	1
47.5°	2	2	2	2	2	1	1	1	1	1	1
46.25°	2	2	2	2	2	1	1	1	1	1	1
45°	2	2	2	2	2	2	1	1	1	1	1
43.75°	2	2	2	2	2	2	2	1	1	1	1
42.5°	2	2	2	2	2	2	2	2	1	1	1
41.25°	2	2	2	2	2	2	2	2	1	1	1
40°	2	2	2	2	2	2	2	2	2	1	1
38.75°	2	2	2	2	2	2	2	2	2	1	1
37.5°	2	2	2	2	2	2	2	2	2	2	1
36.25°	2	2	2	2	2	2	2	2	2	2	1
35°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	2	2	2	2	2	2	2	2	2	2	2
32.5°	2	2	2	2	2	2	2	2	2	2	2
31.25°	2	2	2	2	2	2	2	2	2	2	2
30°	2	2	2	2	2	2	2	2	2	2	2
28.75°	3	2	2	2	2	2	2	2	2	2	2
27.5°	3	2	2	2	2	2	2	2	2	2	2
26.25°	3	3	2	2	2	2	2	2	2	2	2
25°	3	3	2	2	2	2	2	2	2	2	2
23.75°	3	3	3	2	2	2	2	2	2	2	2
22.5°	3	3	3	2	2	2	2	2	2	2	2
21.25°	3	3	3	2	2	2	2	2	2	2	2
20°	3	3	3	3	2	2	2	2	2	2	2
18.75°	3	3	3	3	2	2	2	2	2	2	2
17.5°	3	3	3	3	2	2	2	2	2	2	2
16.25°	3	3	3	3	2	2	2	2	2	2	2
15°	3	3	3	3	3	2	2	2	2	2	2
13.75°	3	3	3	3	3	2	2	2	2	2	2
12.5°	3	3	3	3	3	2	2	2	2	2	2
11.25°	3	3	3	3	3	2	2	2	2	2	2
10°	3	3	3	3	3	2	2	2	2	2	2
8.75°	3	3	3	3	3	2	2	2	2	2	2
7.5°	3	3	3	3	3	2	2	2	2	2	2
6.25°	3	3	3	3	3	3	2	2	2	2	2
5°	3	3	3	3	3	3	2	2	2	2	2
3.75°	3	3	3	3	3	3	2	2	2	2	2
2.5°	3	3	3	3	3	3	2	2	2	2	2
1.25°	3	3	3	3	3	3	2	2	2	2	2
0°	3	3	3	3	3	3	2	2	2	2	2
-1.25°	3	3	3	3	3	3	2	2	2	2	2
-2.5°	3	3	3	3	3	3	2	2	2	2	2
-3.75°	3	3	3	3	3	3	2	2	2	2	2
-5°	3	3	3	3	3	3	2	2	2	2	2
-6.25°	3	3	3	3	3	3	2	2	2	2	2
-7.5°	3	3	3	3	3	2	2	2	2	2	2
-8.75°	3	3	3	3	3	2	2	2	2	2	2
-10°	3	3	3	3	3	2	2	2	2	2	2
-11.25°	3	3	3	3	3	2	2	2	2	2	2
-12.5°	3	3	3	3	3	2	2	2	2	2	2
-13.75°	3	3	3	3	3	2	2	2	2	2	2
-15°	3	3	3	3	3	2	2	2	2	2	2
-16.25°	3	3	3	3	2	2	2	2	2	2	2
-17.5°	3	3	3	3	2	2	2	2	2	2	2
-18.75°	3	3	3	3	2	2	2	2	2	2	2
-20°	3	3	3	3	2	2	2	2	2	2	2
-21.25°	3	3	3	2	2	2	2	2	2	2	2



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	3	3	3	2	2	2	2	2	2	2	2
-23.75°	3	3	3	2	2	2	2	2	2	2	2
-25°	3	3	2	2	2	2	2	2	2	2	2
-26.25°	3	3	2	2	2	2	2	2	2	2	2
-27.5°	3	2	2	2	2	2	2	2	2	2	2
-28.75°	3	2	2	2	2	2	2	2	2	2	2
-30°	2	2	2	2	2	2	2	2	2	2	2
-31.25°	2	2	2	2	2	2	2	2	2	2	2
-32.5°	2	2	2	2	2	2	2	2	2	2	2
-33.75°	2	2	2	2	2	2	2	2	2	2	2
-35°	2	2	2	2	2	2	2	2	2	2	2
-36.25°	2	2	2	2	2	2	2	2	2	2	1
-37.5°	2	2	2	2	2	2	2	2	2	2	1
-38.75°	2	2	2	2	2	2	2	2	2	1	1
-40°	2	2	2	2	2	2	2	2	2	1	1
-41.25°	2	2	2	2	2	2	2	2	1	1	1
-42.5°	2	2	2	2	2	2	2	2	1	1	1
-43.75°	2	2	2	2	2	2	2	1	1	1	1
-45°	2	2	2	2	2	2	1	1	1	1	1
-46.25°	2	2	2	2	2	1	1	1	1	1	1
-47.5°	2	2	2	2	2	1	1	1	1	1	1
-48.75°	2	2	2	2	1	1	1	1	1	1	1
-50°	2	2	2	1	1	1	1	1	1	1	1
-51.25°	2	2	1	1	1	1	1	1	1	1	1
-52.5°	2	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-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°	1	1	1	1	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	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	0	0
-77.5°	1	1	1	1	1	1	1	0	0	0	0



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	1	1	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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	0	0	0	0	0	0	0	0	0	0
73.75°	1	1	1	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	0	0	0	0	0	0
70°	1	1	1	1	1	1	1	0	0	0	0
68.75°	1	1	1	1	1	1	1	1	0	0	0
67.5°	1	1	1	1	1	1	1	1	0	0	0
66.25°	1	1	1	1	1	1	1	1	1	0	0
65°	1	1	1	1	1	1	1	1	1	1	0
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	1
46.25°	1	1	1	1	1	1	1	1	1	1	1
45°	1	1	1	1	1	1	1	1	1	1	1
43.75°	1	1	1	1	1	1	1	1	1	1	1
42.5°	1	1	1	1	1	1	1	1	1	1	1
41.25°	1	1	1	1	1	1	1	1	1	1	1
40°	1	1	1	1	1	1	1	1	1	1	1
38.75°	1	1	1	1	1	1	1	1	1	1	1
37.5°	1	1	1	1	1	1	1	1	1	1	1
36.25°	1	1	1	1	1	1	1	1	1	1	1
35°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	1	1	1	1	1	1	1	1	1	1
32.5°	1	1	1	1	1	1	1	1	1	1	1
31.25°	2	1	1	1	1	1	1	1	1	1	1
30°	2	1	1	1	1	1	1	1	1	1	1
28.75°	2	1	1	1	1	1	1	1	1	1	1
27.5°	2	2	1	1	1	1	1	1	1	1	1
26.25°	2	2	1	1	1	1	1	1	1	1	1
25°	2	2	1	1	1	1	1	1	1	1	1
23.75°	2	2	1	1	1	1	1	1	1	1	1
22.5°	2	2	1	1	1	1	1	1	1	1	1
21.25°	2	2	2	1	1	1	1	1	1	1	1
20°	2	2	2	1	1	1	1	1	1	1	1
18.75°	2	2	2	1	1	1	1	1	1	1	1
17.5°	2	2	2	1	1	1	1	1	1	1	1
16.25°	2	2	2	1	1	1	1	1	1	1	1
15°	2	2	2	1	1	1	1	1	1	1	1
13.75°	2	2	2	2	1	1	1	1	1	1	1
12.5°	2	2	2	2	1	1	1	1	1	1	1
11.25°	2	2	2	2	1	1	1	1	1	1	1
10°	2	2	2	2	1	1	1	1	1	1	1
8.75°	2	2	2	2	1	1	1	1	1	1	1
7.5°	2	2	2	2	1	1	1	1	1	1	1
6.25°	2	2	2	2	1	1	1	1	1	1	1
5°	2	2	2	2	1	1	1	1	1	1	1
3.75°	2	2	2	2	1	1	1	1	1	1	1
2.5°	2	2	2	2	1	1	1	1	1	1	1
1.25°	2	2	2	2	1	1	1	1	1	1	1
0°	2	2	2	2	1	1	1	1	1	1	1
-1.25°	2	2	2	2	1	1	1	1	1	1	1
-2.5°	2	2	2	2	1	1	1	1	1	1	1
-3.75°	2	2	2	2	1	1	1	1	1	1	1
-5°	2	2	2	2	1	1	1	1	1	1	1
-6.25°	2	2	2	2	1	1	1	1	1	1	1
-7.5°	2	2	2	2	1	1	1	1	1	1	1
-8.75°	2	2	2	2	1	1	1	1	1	1	1
-10°	2	2	2	2	1	1	1	1	1	1	1
-11.25°	2	2	2	2	1	1	1	1	1	1	1
-12.5°	2	2	2	2	1	1	1	1	1	1	1
-13.75°	2	2	2	2	1	1	1	1	1	1	1
-15°	2	2	2	1	1	1	1	1	1	1	1
-16.25°	2	2	2	1	1	1	1	1	1	1	1
-17.5°	2	2	2	1	1	1	1	1	1	1	1
-18.75°	2	2	2	1	1	1	1	1	1	1	1
-20°	2	2	2	1	1	1	1	1	1	1	1
-21.25°	2	2	2	1	1	1	1	1	1	1	1



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	2	2	1	1	1	1	1	1	1	1	1
-23.75°	2	2	1	1	1	1	1	1	1	1	1
-25°	2	2	1	1	1	1	1	1	1	1	1
-26.25°	2	2	1	1	1	1	1	1	1	1	1
-27.5°	2	2	1	1	1	1	1	1	1	1	1
-28.75°	2	1	1	1	1	1	1	1	1	1	1
-30°	2	1	1	1	1	1	1	1	1	1	1
-31.25°	2	1	1	1	1	1	1	1	1	1	1
-32.5°	1	1	1	1	1	1	1	1	1	1	1
-33.75°	1	1	1	1	1	1	1	1	1	1	1
-35°	1	1	1	1	1	1	1	1	1	1	1
-36.25°	1	1	1	1	1	1	1	1	1	1	1
-37.5°	1	1	1	1	1	1	1	1	1	1	1
-38.75°	1	1	1	1	1	1	1	1	1	1	1
-40°	1	1	1	1	1	1	1	1	1	1	1
-41.25°	1	1	1	1	1	1	1	1	1	1	1
-42.5°	1	1	1	1	1	1	1	1	1	1	1
-43.75°	1	1	1	1	1	1	1	1	1	1	1
-45°	1	1	1	1	1	1	1	1	1	1	1
-46.25°	1	1	1	1	1	1	1	1	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	0
-66.25°	1	1	1	1	1	1	1	1	1	0	0
-67.5°	1	1	1	1	1	1	1	1	0	0	0
-68.75°	1	1	1	1	1	1	1	1	0	0	0
-70°	1	1	1	1	1	1	1	0	0	0	0
-71.25°	1	1	1	1	1	0	0	0	0	0	0
-72.5°	1	1	1	1	0	0	0	0	0	0	0
-73.75°	1	1	1	0	0	0	0	0	0	0	0
-75°	1	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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	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	0	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	0	0	0	0	0	0	0	0	0
55°	1	1	1	0	0	0	0	0	0	0	0
53.75°	1	1	1	0	0	0	0	0	0	0	0
52.5°	1	1	1	0	0	0	0	0	0	0	0
51.25°	1	1	1	0	0	0	0	0	0	0	0
50°	1	1	1	1	0	0	0	0	0	0	0
48.75°	1	1	1	1	0	0	0	0	0	0	0
47.5°	1	1	1	1	0	0	0	0	0	0	0
46.25°	1	1	1	1	0	0	0	0	0	0	0
45°	1	1	1	1	0	0	0	0	0	0	0
43.75°	1	1	1	1	1	0	0	0	0	0	0
42.5°	1	1	1	1	1	0	0	0	0	0	0
41.25°	1	1	1	1	1	0	0	0	0	0	0
40°	1	1	1	1	1	0	0	0	0	0	0
38.75°	1	1	1	1	1	0	0	0	0	0	0
37.5°	1	1	1	1	1	0	0	0	0	0	0
36.25°	1	1	1	1	1	0	0	0	0	0	0
35°	1	1	1	1	1	1	0	0	0	0	0



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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°	1	1	1	1	1	1	0	0	0	0	0
32.5°	1	1	1	1	1	1	0	0	0	0	0
31.25°	1	1	1	1	1	1	0	0	0	0	0
30°	1	1	1	1	1	1	0	0	0	0	0
28.75°	1	1	1	1	1	1	0	0	0	0	0
27.5°	1	1	1	1	1	1	0	0	0	0	0
26.25°	1	1	1	1	1	1	0	0	0	0	0
25°	1	1	1	1	1	1	0	0	0	0	0
23.75°	1	1	1	1	1	1	0	0	0	0	0
22.5°	1	1	1	1	1	1	0	0	0	0	0
21.25°	1	1	1	1	1	1	0	0	0	0	0
20°	1	1	1	1	1	1	0	0	0	0	0
18.75°	1	1	1	1	1	1	1	0	0	0	0
17.5°	1	1	1	1	1	1	1	0	0	0	0
16.25°	1	1	1	1	1	1	1	0	0	0	0
15°	1	1	1	1	1	1	1	0	0	0	0
13.75°	1	1	1	1	1	1	1	0	0	0	0
12.5°	1	1	1	1	1	1	1	0	0	0	0
11.25°	1	1	1	1	1	1	1	0	0	0	0
10°	1	1	1	1	1	1	1	0	0	0	0
8.75°	1	1	1	1	1	1	1	0	0	0	0
7.5°	1	1	1	1	1	1	1	0	0	0	0
6.25°	1	1	1	1	1	1	1	0	0	0	0
5°	1	1	1	1	1	1	1	0	0	0	0
3.75°	1	1	1	1	1	1	1	0	0	0	0
2.5°	1	1	1	1	1	1	1	0	0	0	0
1.25°	1	1	1	1	1	1	1	0	0	0	0
0°	1	1	1	1	1	1	1	0	0	0	0
-1.25°	1	1	1	1	1	1	1	0	0	0	0
-2.5°	1	1	1	1	1	1	1	0	0	0	0
-3.75°	1	1	1	1	1	1	1	0	0	0	0
-5°	1	1	1	1	1	1	1	0	0	0	0
-6.25°	1	1	1	1	1	1	1	0	0	0	0
-7.5°	1	1	1	1	1	1	1	0	0	0	0
-8.75°	1	1	1	1	1	1	1	0	0	0	0
-10°	1	1	1	1	1	1	1	0	0	0	0
-11.25°	1	1	1	1	1	1	1	0	0	0	0
-12.5°	1	1	1	1	1	1	1	0	0	0	0
-13.75°	1	1	1	1	1	1	1	0	0	0	0
-15°	1	1	1	1	1	1	1	0	0	0	0
-16.25°	1	1	1	1	1	1	1	0	0	0	0
-17.5°	1	1	1	1	1	1	1	0	0	0	0
-18.75°	1	1	1	1	1	1	1	0	0	0	0
-20°	1	1	1	1	1	1	0	0	0	0	0
-21.25°	1	1	1	1	1	1	0	0	0	0	0



REPORT NUMBER: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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	1	1	1	1	1	0	0	0	0	0
-23.75°	1	1	1	1	1	1	0	0	0	0	0
-25°	1	1	1	1	1	1	0	0	0	0	0
-26.25°	1	1	1	1	1	1	0	0	0	0	0
-27.5°	1	1	1	1	1	1	0	0	0	0	0
-28.75°	1	1	1	1	1	1	0	0	0	0	0
-30°	1	1	1	1	1	1	0	0	0	0	0
-31.25°	1	1	1	1	1	1	0	0	0	0	0
-32.5°	1	1	1	1	1	1	0	0	0	0	0
-33.75°	1	1	1	1	1	1	0	0	0	0	0
-35°	1	1	1	1	1	1	0	0	0	0	0
-36.25°	1	1	1	1	1	0	0	0	0	0	0
-37.5°	1	1	1	1	1	0	0	0	0	0	0
-38.75°	1	1	1	1	1	0	0	0	0	0	0
-40°	1	1	1	1	1	0	0	0	0	0	0
-41.25°	1	1	1	1	1	0	0	0	0	0	0
-42.5°	1	1	1	1	1	0	0	0	0	0	0
-43.75°	1	1	1	1	1	0	0	0	0	0	0
-45°	1	1	1	1	0	0	0	0	0	0	0
-46.25°	1	1	1	1	0	0	0	0	0	0	0
-47.5°	1	1	1	1	0	0	0	0	0	0	0
-48.75°	1	1	1	1	0	0	0	0	0	0	0
-50°	1	1	1	1	0	0	0	0	0	0	0
-51.25°	1	1	1	0	0	0	0	0	0	0	0
-52.5°	1	1	1	0	0	0	0	0	0	0	0
-53.75°	1	1	1	0	0	0	0	0	0	0	0
-55°	1	1	1	0	0	0	0	0	0	0	0
-56.25°	1	1	0	0	0	0	0	0	0	0	0
-57.5°	1	1	0	0	0	0	0	0	0	0	0
-58.75°	1	0	0	0	0	0	0	0	0	0	0
-60°	1	0	0	0	0	0	0	0	0	0	0
-61.25°	1	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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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: P220679 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-F-BK-L1-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)