

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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29476)
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-S-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, SPOT
OPTIC, BLACK HOUSING.
Light Source: (1) 5000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

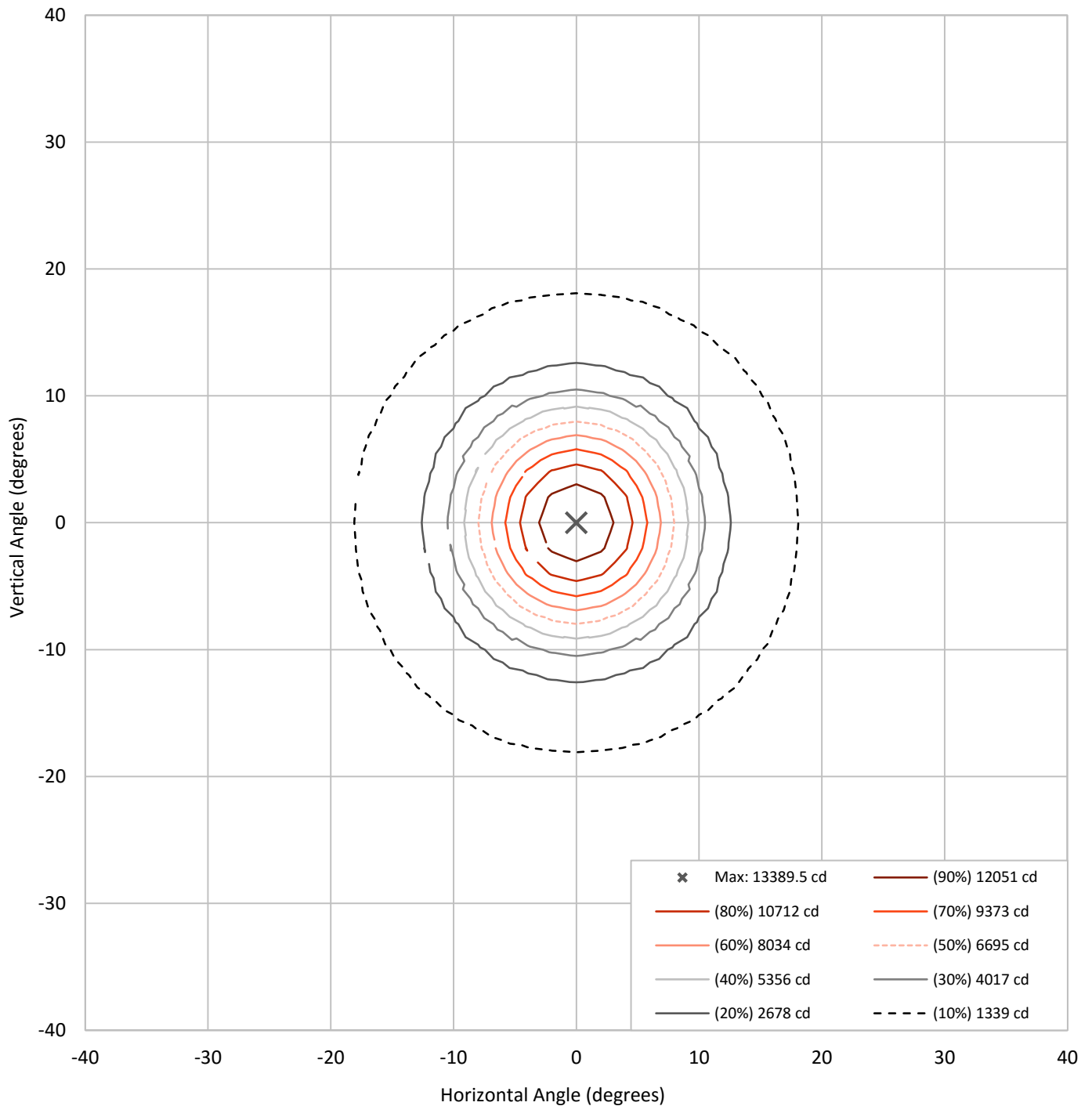
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	1763.3 lumens	Max Intensity:	13389.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	87.7 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	16°H x 16°V	Field Angle (10%):	36.1°H x 36.1°V
Beam Lumens:	575.8 lumens	Field Lumens:	1241.5 lumens
Beam Efficiency:	32.7%	Field Efficiency:	70.4%
Input Watts (W):	20.1		
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		

REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-UNV

Iso-Candela Plot





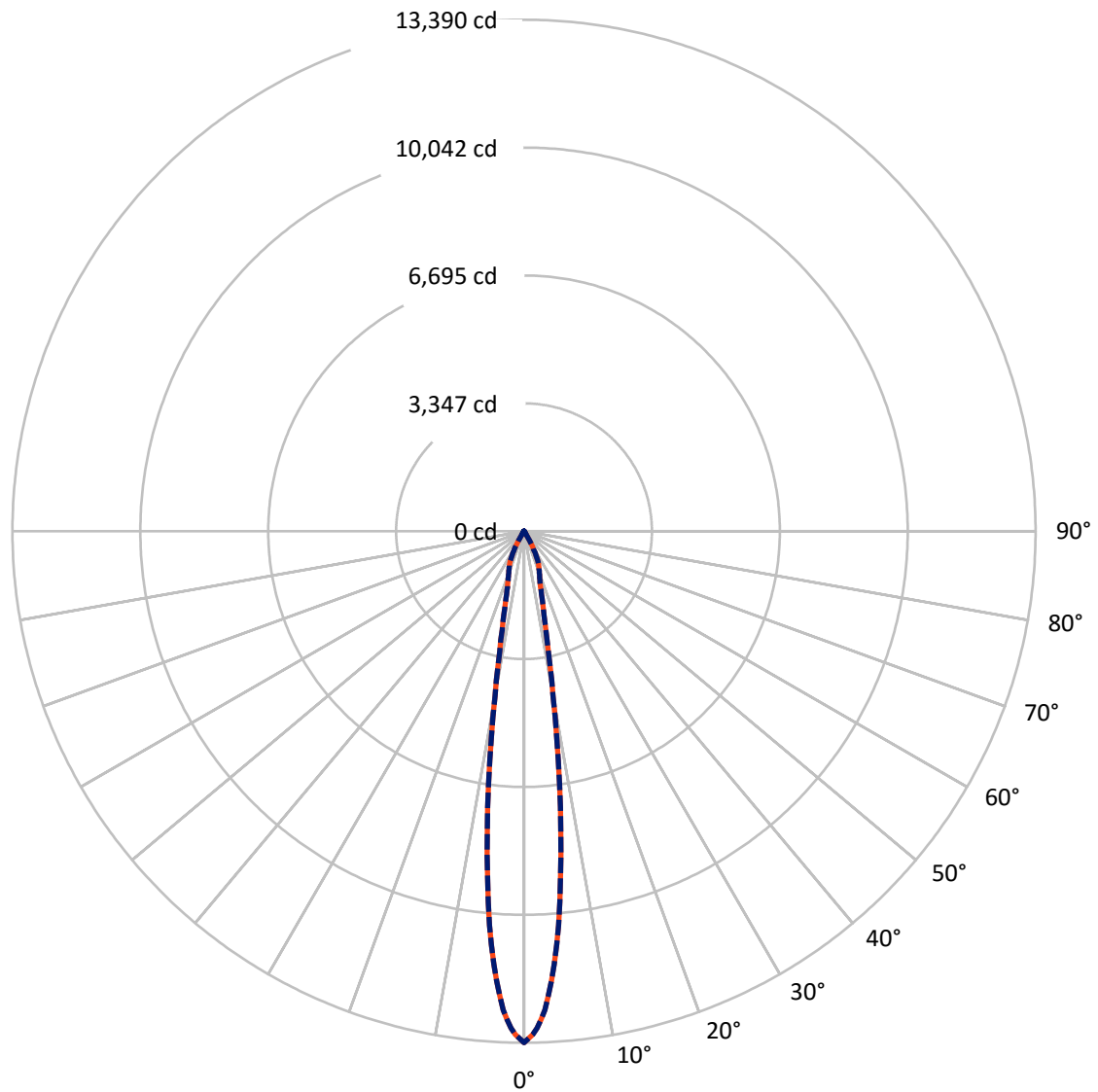
REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-UNV

Lumen Table

90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0		
80	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0		
70	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	
60		0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1		0.0
50	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.0
40		0.0	0.1	0.1	0.2	0.5	1.1	2.3	2.3	1.1	0.5	0.2	0.1	0.1	
30	0.0	0.0	0.1	0.1	0.4	2.4	12.9	22.6	22.6	12.9	2.4	0.4	0.1	0.1	0.0
20		0.0	0.1	0.2	0.9	12.2	32.7	55.3	55.3	32.7	12.2	0.9	0.2	0.1	
10	0.0	0.1	0.1	0.2	1.9	20.7	53.8	217.0	217.0	53.8	20.7	1.9	0.2	0.1	0.0
0		0.1	0.1	0.2	1.9	20.7	53.8	217.0	217.0	53.8	20.7	1.9	0.2	0.1	
-10	0.0	0.0	0.1	0.2	0.9	12.2	32.7	55.3	55.3	32.7	12.2	0.9	0.2	0.1	0.0
-20		0.0	0.1	0.1	0.4	2.4	12.9	22.6	22.6	12.9	2.4	0.4	0.1	0.1	
-30	0.0	0.0	0.1	0.1	0.2	0.5	1.1	2.3	2.3	1.1	0.5	0.2	0.1	0.1	0.0
-40		0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.1	
-50	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0
-60		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	
-70	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
-80		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	
-90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0		

REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-UNV

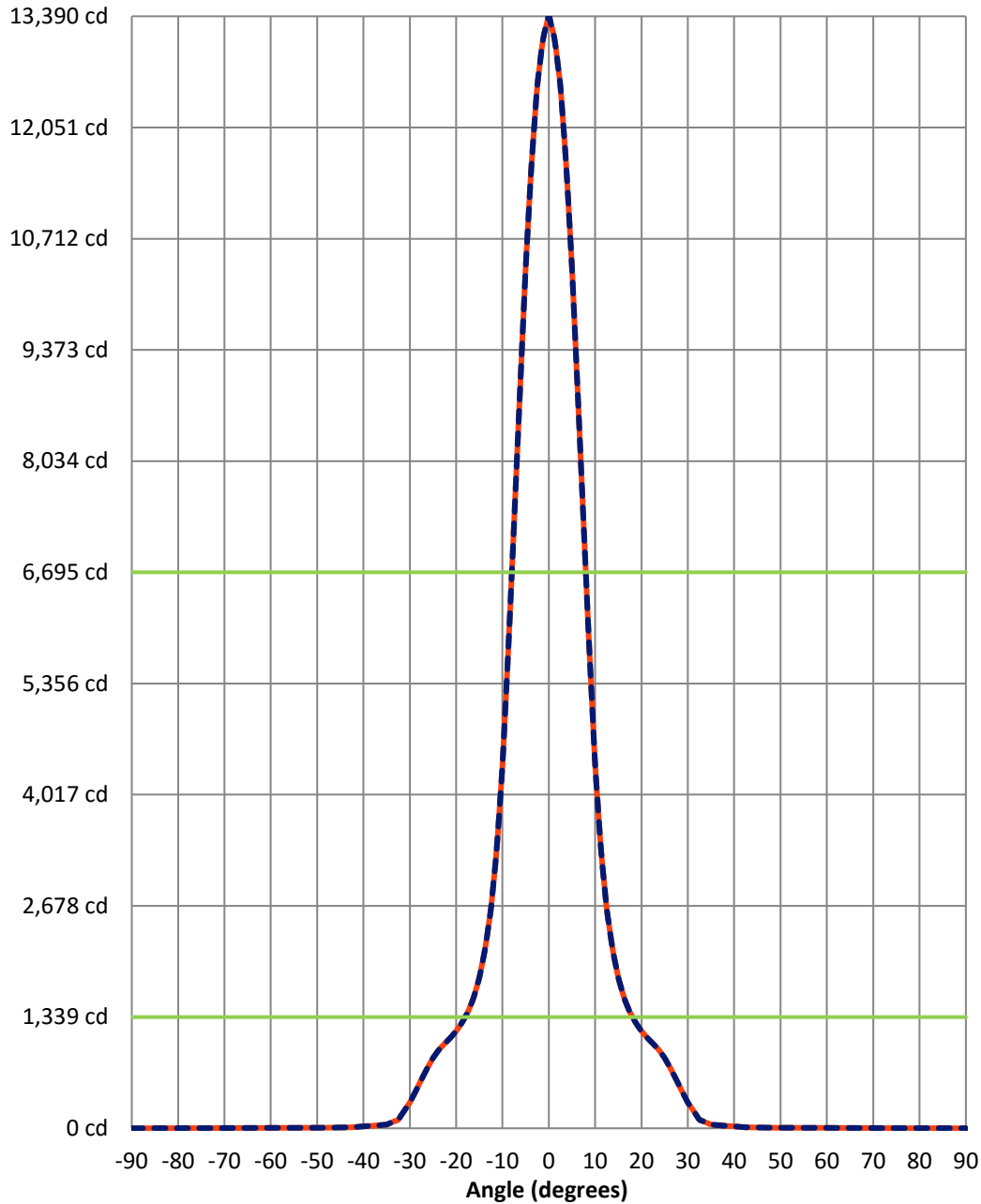
Luminous Intensity Polar Plot



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

REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Plot



Beam:
 H Angle: 16°
 V Angle: 16°
 Lumens: 575.8
 Efficiency: 32.7%

Field:
 H Angle: 36.1°
 V Angle: 36.1°
 Lumens: 1241.5
 Efficiency: 70.4%

Spill:
 Lumens: 521.7
 Efficiency: 29.6%

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



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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	1
70°	0	0	0	0	0	0	0	0	0	1	1
68.75°	0	0	0	0	0	0	0	0	0	1	1
67.5°	0	0	0	0	0	0	0	0	1	1	1
66.25°	0	0	0	0	0	0	0	0	1	1	1
65°	0	0	0	0	0	0	0	0	1	1	1
63.75°	0	0	0	0	0	0	0	1	1	1	1
62.5°	0	0	0	0	0	0	0	1	1	1	1
61.25°	0	0	0	0	0	0	0	1	1	1	1
60°	0	0	0	0	0	0	0	1	1	1	1
58.75°	0	0	0	0	0	0	1	1	1	1	1
57.5°	0	0	0	0	0	0	1	1	1	1	1
56.25°	0	0	0	0	0	0	1	1	1	1	1
55°	0	0	0	0	0	0	1	1	1	1	1
53.75°	0	0	0	0	0	0	1	1	1	1	1
52.5°	0	0	0	0	0	1	1	1	1	1	1
51.25°	0	0	0	0	0	1	1	1	1	1	1
50°	0	0	0	0	0	1	1	1	1	1	1
48.75°	0	0	0	0	0	1	1	1	1	1	1
47.5°	0	0	0	0	0	1	1	1	1	1	1
46.25°	0	0	0	0	0	1	1	1	1	1	1
45°	0	0	0	0	0	1	1	1	1	1	1
43.75°	0	0	0	0	0	1	1	1	1	1	1
42.5°	0	0	0	0	0	1	1	1	1	1	1
41.25°	0	0	0	0	1	1	1	1	1	1	1
40°	0	0	0	0	1	1	1	1	1	1	1
38.75°	0	0	0	0	1	1	1	1	1	1	1
37.5°	0	0	0	0	1	1	1	1	1	1	1
36.25°	0	0	0	0	1	1	1	1	1	1	1
35°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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	1	1	1	1	1	1	1
32.5°	0	0	0	0	1	1	1	1	1	1	1
31.25°	0	0	0	0	1	1	1	1	1	1	1
30°	0	0	0	0	1	1	1	1	1	1	1
28.75°	0	0	0	0	1	1	1	1	1	1	1
27.5°	0	0	0	0	1	1	1	1	1	1	1
26.25°	0	0	0	0	1	1	1	1	1	1	1
25°	0	0	0	0	1	1	1	1	1	1	1
23.75°	0	0	0	0	1	1	1	1	1	1	1
22.5°	0	0	0	0	1	1	1	1	1	1	1
21.25°	0	0	0	0	1	1	1	1	1	1	1
20°	0	0	0	0	1	1	1	1	1	1	1
18.75°	0	0	0	0	1	1	1	1	1	1	1
17.5°	0	0	0	0	1	1	1	1	1	1	1
16.25°	0	0	0	0	1	1	1	1	1	1	1
15°	0	0	0	0	1	1	1	1	1	1	1
13.75°	0	0	0	0	1	1	1	1	1	1	1
12.5°	0	0	0	0	1	1	1	1	1	1	1
11.25°	0	0	0	0	1	1	1	1	1	1	1
10°	0	0	0	0	1	1	1	1	1	1	1
8.75°	0	0	0	0	1	1	1	1	1	1	1
7.5°	0	0	0	0	1	1	1	1	1	1	1
6.25°	0	0	0	0	1	1	1	1	1	1	1
5°	0	0	0	0	1	1	1	1	1	1	1
3.75°	0	0	0	0	1	1	1	1	1	1	1
2.5°	0	0	0	0	1	1	1	1	1	1	1
1.25°	0	0	0	0	1	1	1	1	1	1	1
0°	0	0	0	1	1	1	1	1	1	1	1
-1.25°	0	0	0	0	1	1	1	1	1	1	1
-2.5°	0	0	0	0	1	1	1	1	1	1	1
-3.75°	0	0	0	0	1	1	1	1	1	1	1
-5°	0	0	0	0	1	1	1	1	1	1	1
-6.25°	0	0	0	0	1	1	1	1	1	1	1
-7.5°	0	0	0	0	1	1	1	1	1	1	1
-8.75°	0	0	0	0	1	1	1	1	1	1	1
-10°	0	0	0	0	1	1	1	1	1	1	1
-11.25°	0	0	0	0	1	1	1	1	1	1	1
-12.5°	0	0	0	0	1	1	1	1	1	1	1
-13.75°	0	0	0	0	1	1	1	1	1	1	1
-15°	0	0	0	0	1	1	1	1	1	1	1
-16.25°	0	0	0	0	1	1	1	1	1	1	1
-17.5°	0	0	0	0	1	1	1	1	1	1	1
-18.75°	0	0	0	0	1	1	1	1	1	1	1
-20°	0	0	0	0	1	1	1	1	1	1	1
-21.25°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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	1	1	1	1	1	1	1
-23.75°	0	0	0	0	1	1	1	1	1	1	1
-25°	0	0	0	0	1	1	1	1	1	1	1
-26.25°	0	0	0	0	1	1	1	1	1	1	1
-27.5°	0	0	0	0	1	1	1	1	1	1	1
-28.75°	0	0	0	0	1	1	1	1	1	1	1
-30°	0	0	0	0	1	1	1	1	1	1	1
-31.25°	0	0	0	0	1	1	1	1	1	1	1
-32.5°	0	0	0	0	1	1	1	1	1	1	1
-33.75°	0	0	0	0	1	1	1	1	1	1	1
-35°	0	0	0	0	1	1	1	1	1	1	1
-36.25°	0	0	0	0	1	1	1	1	1	1	1
-37.5°	0	0	0	0	1	1	1	1	1	1	1
-38.75°	0	0	0	0	1	1	1	1	1	1	1
-40°	0	0	0	0	1	1	1	1	1	1	1
-41.25°	0	0	0	0	1	1	1	1	1	1	1
-42.5°	0	0	0	0	0	1	1	1	1	1	1
-43.75°	0	0	0	0	0	1	1	1	1	1	1
-45°	0	0	0	0	0	1	1	1	1	1	1
-46.25°	0	0	0	0	0	1	1	1	1	1	1
-47.5°	0	0	0	0	0	1	1	1	1	1	1
-48.75°	0	0	0	0	0	1	1	1	1	1	1
-50°	0	0	0	0	0	1	1	1	1	1	1
-51.25°	0	0	0	0	0	1	1	1	1	1	1
-52.5°	0	0	0	0	0	1	1	1	1	1	1
-53.75°	0	0	0	0	0	0	1	1	1	1	1
-55°	0	0	0	0	0	0	1	1	1	1	1
-56.25°	0	0	0	0	0	0	1	1	1	1	1
-57.5°	0	0	0	0	0	0	1	1	1	1	1
-58.75°	0	0	0	0	0	0	1	1	1	1	1
-60°	0	0	0	0	0	0	0	1	1	1	1
-61.25°	0	0	0	0	0	0	0	1	1	1	1
-62.5°	0	0	0	0	0	0	0	1	1	1	1
-63.75°	0	0	0	0	0	0	0	1	1	1	1
-65°	0	0	0	0	0	0	0	0	1	1	1
-66.25°	0	0	0	0	0	0	0	0	1	1	1
-67.5°	0	0	0	0	0	0	0	0	1	1	1
-68.75°	0	0	0	0	0	0	0	0	0	1	1
-70°	0	0	0	0	0	0	0	0	0	1	1
-71.25°	0	0	0	0	0	0	0	0	0	0	1
-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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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	1
80°	0	0	0	0	0	0	0	1	1	1	1
78.75°	0	0	0	0	0	1	1	1	1	1	1
77.5°	0	0	0	0	1	1	1	1	1	1	1
76.25°	0	0	1	1	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	2
56.25°	1	1	1	1	1	1	1	1	1	1	2
55°	1	1	1	1	1	1	1	1	1	2	2
53.75°	1	1	1	1	1	1	1	1	2	2	2
52.5°	1	1	1	1	1	1	1	1	2	2	2
51.25°	1	1	1	1	1	1	1	2	2	2	2
50°	1	1	1	1	1	1	1	2	2	2	2
48.75°	1	1	1	1	1	1	2	2	2	2	2
47.5°	1	1	1	1	1	1	2	2	2	2	2
46.25°	1	1	1	1	1	2	2	2	2	2	2
45°	1	1	1	1	1	2	2	2	2	2	2
43.75°	1	1	1	1	1	2	2	2	2	2	3
42.5°	1	1	1	1	2	2	2	2	2	2	3
41.25°	1	1	1	1	2	2	2	2	2	3	3
40°	1	1	1	1	2	2	2	2	2	3	3
38.75°	1	1	1	1	2	2	2	2	2	3	3
37.5°	1	1	1	2	2	2	2	2	3	3	3
36.25°	1	1	1	2	2	2	2	2	3	3	3
35°	1	1	1	2	2	2	2	2	3	3	3



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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	2	2	2	2	3	3	3	3
32.5°	1	1	2	2	2	2	2	3	3	3	3
31.25°	1	1	2	2	2	2	2	3	3	3	3
30°	1	1	2	2	2	2	2	3	3	3	3
28.75°	1	1	2	2	2	2	3	3	3	3	3
27.5°	1	1	2	2	2	2	3	3	3	3	3
26.25°	1	1	2	2	2	2	3	3	3	3	3
25°	1	1	2	2	2	2	3	3	3	3	4
23.75°	1	2	2	2	2	2	3	3	3	3	4
22.5°	1	2	2	2	2	2	3	3	3	3	4
21.25°	1	2	2	2	2	3	3	3	3	3	4
20°	1	2	2	2	2	3	3	3	3	3	4
18.75°	1	2	2	2	2	3	3	3	3	4	4
17.5°	1	2	2	2	2	3	3	3	3	4	4
16.25°	1	2	2	2	2	3	3	3	3	4	4
15°	1	2	2	2	2	3	3	3	3	4	4
13.75°	1	2	2	2	2	3	3	3	3	4	4
12.5°	1	2	2	2	2	3	3	3	3	4	4
11.25°	1	2	2	2	2	3	3	3	3	4	4
10°	1	2	2	2	2	3	3	3	3	4	4
8.75°	1	2	2	2	3	3	3	3	4	4	4
7.5°	1	2	2	2	3	3	3	3	4	4	4
6.25°	2	2	2	2	3	3	3	3	4	4	4
5°	2	2	2	2	3	3	3	3	4	4	4
3.75°	2	2	2	2	3	3	3	3	4	4	4
2.5°	2	2	2	2	3	3	3	3	4	4	4
1.25°	2	2	2	2	3	3	3	3	4	4	4
0°	2	2	2	2	3	3	3	3	4	4	4
-1.25°	2	2	2	2	3	3	3	3	4	4	4
-2.5°	2	2	2	2	3	3	3	3	4	4	4
-3.75°	2	2	2	2	3	3	3	3	4	4	4
-5°	2	2	2	2	3	3	3	3	4	4	4
-6.25°	2	2	2	2	3	3	3	3	4	4	4
-7.5°	1	2	2	2	3	3	3	3	4	4	4
-8.75°	1	2	2	2	3	3	3	3	4	4	4
-10°	1	2	2	2	2	3	3	3	3	4	4
-11.25°	1	2	2	2	2	3	3	3	3	4	4
-12.5°	1	2	2	2	2	3	3	3	3	4	4
-13.75°	1	2	2	2	2	3	3	3	3	4	4
-15°	1	2	2	2	2	3	3	3	3	4	4
-16.25°	1	2	2	2	2	3	3	3	3	4	4
-17.5°	1	2	2	2	2	3	3	3	3	4	4
-18.75°	1	2	2	2	2	3	3	3	3	4	4
-20°	1	2	2	2	2	3	3	3	3	3	4
-21.25°	1	2	2	2	2	3	3	3	3	3	4



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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	2	2	2	2	2	3	3	3	3	4
-23.75°	1	2	2	2	2	2	3	3	3	3	4
-25°	1	1	2	2	2	2	3	3	3	3	4
-26.25°	1	1	2	2	2	2	3	3	3	3	3
-27.5°	1	1	2	2	2	2	3	3	3	3	3
-28.75°	1	1	2	2	2	2	3	3	3	3	3
-30°	1	1	2	2	2	2	2	3	3	3	3
-31.25°	1	1	2	2	2	2	2	3	3	3	3
-32.5°	1	1	2	2	2	2	2	3	3	3	3
-33.75°	1	1	1	2	2	2	2	3	3	3	3
-35°	1	1	1	2	2	2	2	2	3	3	3
-36.25°	1	1	1	2	2	2	2	2	3	3	3
-37.5°	1	1	1	2	2	2	2	2	3	3	3
-38.75°	1	1	1	1	2	2	2	2	2	3	3
-40°	1	1	1	1	2	2	2	2	2	3	3
-41.25°	1	1	1	1	2	2	2	2	2	3	3
-42.5°	1	1	1	1	2	2	2	2	2	2	3
-43.75°	1	1	1	1	1	2	2	2	2	2	3
-45°	1	1	1	1	1	2	2	2	2	2	2
-46.25°	1	1	1	1	1	2	2	2	2	2	2
-47.5°	1	1	1	1	1	1	2	2	2	2	2
-48.75°	1	1	1	1	1	1	2	2	2	2	2
-50°	1	1	1	1	1	1	1	2	2	2	2
-51.25°	1	1	1	1	1	1	1	2	2	2	2
-52.5°	1	1	1	1	1	1	1	1	2	2	2
-53.75°	1	1	1	1	1	1	1	1	2	2	2
-55°	1	1	1	1	1	1	1	1	1	2	2
-56.25°	1	1	1	1	1	1	1	1	1	1	2
-57.5°	1	1	1	1	1	1	1	1	1	1	2
-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	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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	1	1	1	1	1	1
-80°	0	0	0	0	0	0	0	1	1	1	1
-81.25°	0	0	0	0	0	0	0	0	0	0	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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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	1	1	1
82.5°	0	0	0	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	2	2
66.25°	1	1	1	1	1	1	1	2	2	2	2
65°	1	1	1	1	1	1	2	2	2	2	2
63.75°	1	1	1	1	2	2	2	2	2	2	2
62.5°	1	1	1	2	2	2	2	2	2	2	2
61.25°	1	1	2	2	2	2	2	2	2	2	2
60°	1	2	2	2	2	2	2	2	2	2	3
58.75°	2	2	2	2	2	2	2	2	2	3	3
57.5°	2	2	2	2	2	2	2	3	3	3	3
56.25°	2	2	2	2	2	2	3	3	3	3	3
55°	2	2	2	2	2	3	3	3	3	3	3
53.75°	2	2	2	2	3	3	3	3	3	3	3
52.5°	2	2	2	2	3	3	3	3	3	3	3
51.25°	2	2	2	3	3	3	3	3	3	3	4
50°	2	2	3	3	3	3	3	3	3	4	4
48.75°	2	2	3	3	3	3	3	3	4	4	4
47.5°	2	3	3	3	3	3	3	4	4	4	4
46.25°	3	3	3	3	3	3	3	4	4	4	4
45°	3	3	3	3	3	3	4	4	4	4	4
43.75°	3	3	3	3	3	4	4	4	4	4	4
42.5°	3	3	3	3	3	4	4	4	4	4	5
41.25°	3	3	3	3	4	4	4	4	4	4	5
40°	3	3	3	4	4	4	4	4	4	5	5
38.75°	3	3	3	4	4	4	4	4	5	5	5
37.5°	3	3	3	4	4	4	4	4	5	5	5
36.25°	3	3	4	4	4	4	4	5	5	5	5
35°	3	3	4	4	4	4	4	5	5	5	5



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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	4	4	4	4	4	5	5	5	5	5
32.5°	3	4	4	4	4	4	5	5	5	5	5
31.25°	3	4	4	4	4	5	5	5	5	5	5
30°	4	4	4	4	4	5	5	5	5	5	5
28.75°	4	4	4	4	4	5	5	5	5	5	5
27.5°	4	4	4	4	5	5	5	5	5	5	5
26.25°	4	4	4	4	5	5	5	5	5	5	5
25°	4	4	4	4	5	5	5	5	5	5	5
23.75°	4	4	4	5	5	5	5	5	5	5	6
22.5°	4	4	4	5	5	5	5	5	5	5	6
21.25°	4	4	4	5	5	5	5	5	5	5	6
20°	4	4	4	5	5	5	5	5	5	6	6
18.75°	4	4	5	5	5	5	5	5	5	6	6
17.5°	4	4	5	5	5	5	5	5	5	6	6
16.25°	4	4	5	5	5	5	5	5	6	6	6
15°	4	4	5	5	5	5	5	5	6	6	6
13.75°	4	4	5	5	5	5	5	5	6	6	6
12.5°	4	4	5	5	5	5	5	5	6	6	6
11.25°	4	4	5	5	5	5	5	5	6	6	6
10°	4	5	5	5	5	5	5	5	6	6	6
8.75°	4	5	5	5	5	5	5	6	6	6	6
7.5°	4	5	5	5	5	5	5	6	6	6	6
6.25°	4	5	5	5	5	5	5	6	6	6	6
5°	4	5	5	5	5	5	5	6	6	6	6
3.75°	4	5	5	5	5	5	5	6	6	6	6
2.5°	4	5	5	5	5	5	5	6	6	6	6
1.25°	4	5	5	5	5	5	5	6	6	6	6
0°	4	5	5	5	5	5	5	6	6	6	6
-1.25°	4	5	5	5	5	5	5	6	6	6	6
-2.5°	4	5	5	5	5	5	5	6	6	6	6
-3.75°	4	5	5	5	5	5	5	6	6	6	6
-5°	4	5	5	5	5	5	5	6	6	6	6
-6.25°	4	5	5	5	5	5	5	6	6	6	6
-7.5°	4	5	5	5	5	5	5	6	6	6	6
-8.75°	4	5	5	5	5	5	5	6	6	6	6
-10°	4	5	5	5	5	5	5	5	6	6	6
-11.25°	4	4	5	5	5	5	5	5	6	6	6
-12.5°	4	4	5	5	5	5	5	5	6	6	6
-13.75°	4	4	5	5	5	5	5	5	6	6	6
-15°	4	4	5	5	5	5	5	5	6	6	6
-16.25°	4	4	5	5	5	5	5	5	6	6	6
-17.5°	4	4	5	5	5	5	5	5	5	6	6
-18.75°	4	4	5	5	5	5	5	5	5	6	6
-20°	4	4	4	5	5	5	5	5	5	6	6
-21.25°	4	4	4	5	5	5	5	5	5	5	6



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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	5	5	5	5	5	5	5	6
-23.75°	4	4	4	5	5	5	5	5	5	5	6
-25°	4	4	4	4	5	5	5	5	5	5	5
-26.25°	4	4	4	4	5	5	5	5	5	5	5
-27.5°	4	4	4	4	5	5	5	5	5	5	5
-28.75°	4	4	4	4	4	5	5	5	5	5	5
-30°	4	4	4	4	4	5	5	5	5	5	5
-31.25°	3	4	4	4	4	5	5	5	5	5	5
-32.5°	3	4	4	4	4	4	5	5	5	5	5
-33.75°	3	4	4	4	4	4	5	5	5	5	5
-35°	3	3	4	4	4	4	4	5	5	5	5
-36.25°	3	3	4	4	4	4	4	5	5	5	5
-37.5°	3	3	3	4	4	4	4	4	5	5	5
-38.75°	3	3	3	4	4	4	4	4	5	5	5
-40°	3	3	3	4	4	4	4	4	4	5	5
-41.25°	3	3	3	3	4	4	4	4	4	4	5
-42.5°	3	3	3	3	3	4	4	4	4	4	5
-43.75°	3	3	3	3	3	4	4	4	4	4	4
-45°	3	3	3	3	3	3	4	4	4	4	4
-46.25°	3	3	3	3	3	3	3	4	4	4	4
-47.5°	2	3	3	3	3	3	3	4	4	4	4
-48.75°	2	2	3	3	3	3	3	3	4	4	4
-50°	2	2	3	3	3	3	3	3	3	4	4
-51.25°	2	2	2	3	3	3	3	3	3	3	4
-52.5°	2	2	2	2	3	3	3	3	3	3	3
-53.75°	2	2	2	2	3	3	3	3	3	3	3
-55°	2	2	2	2	2	3	3	3	3	3	3
-56.25°	2	2	2	2	2	2	3	3	3	3	3
-57.5°	2	2	2	2	2	2	2	3	3	3	3
-58.75°	2	2	2	2	2	2	2	2	2	3	3
-60°	1	2	2	2	2	2	2	2	2	2	3
-61.25°	1	1	2	2	2	2	2	2	2	2	2
-62.5°	1	1	1	2	2	2	2	2	2	2	2
-63.75°	1	1	1	1	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	2	2	2	2
-67.5°	1	1	1	1	1	1	1	1	1	2	2
-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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	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	1	1	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	0	0	1	1	1
-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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
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	2	2
71.25°	1	1	1	1	1	2	2	2	2	2	2
70°	1	1	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	3	3
65°	2	2	2	2	2	2	3	3	3	3	3
63.75°	2	2	2	2	3	3	3	3	3	3	3
62.5°	2	2	3	3	3	3	3	3	3	3	3
61.25°	2	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	4
58.75°	3	3	3	3	3	3	3	4	4	4	4
57.5°	3	3	3	3	3	3	4	4	4	4	4
56.25°	3	3	3	3	4	4	4	4	4	4	4
55°	3	3	3	4	4	4	4	4	4	4	4
53.75°	3	4	4	4	4	4	4	4	4	4	5
52.5°	4	4	4	4	4	4	4	4	5	5	5
51.25°	4	4	4	4	4	4	4	5	5	5	5
50°	4	4	4	4	4	5	5	5	5	5	5
48.75°	4	4	4	4	5	5	5	5	5	5	5
47.5°	4	4	4	5	5	5	5	5	5	5	5
46.25°	4	4	5	5	5	5	5	5	5	5	5
45°	4	5	5	5	5	5	5	5	5	5	5
43.75°	5	5	5	5	5	5	5	5	5	5	5
42.5°	5	5	5	5	5	5	5	5	5	6	6
41.25°	5	5	5	5	5	5	5	5	6	6	6
40°	5	5	5	5	5	5	5	6	6	6	6
38.75°	5	5	5	5	5	5	6	6	6	6	6
37.5°	5	5	5	5	5	6	6	6	6	6	6
36.25°	5	5	5	5	5	6	6	6	6	6	6
35°	5	5	5	5	6	6	6	6	6	6	7



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	5	5	5	6	6	6	6	6	6	7	7
32.5°	5	5	5	6	6	6	6	6	7	7	8
31.25°	5	5	6	6	6	6	6	7	7	7	8
30°	5	6	6	6	6	6	6	7	7	8	9
28.75°	5	6	6	6	6	6	7	7	8	9	9
27.5°	6	6	6	6	6	7	7	8	8	9	10
26.25°	6	6	6	6	6	7	7	8	9	10	10
25°	6	6	6	6	7	7	8	8	9	10	11
23.75°	6	6	6	6	7	7	8	9	10	11	12
22.5°	6	6	6	7	7	8	8	9	10	11	14
21.25°	6	6	6	7	7	8	9	10	11	12	17
20°	6	6	6	7	7	8	9	10	11	15	20
18.75°	6	6	7	7	8	9	10	11	12	17	22
17.5°	6	6	7	7	8	9	10	11	14	19	24
16.25°	6	6	7	8	8	9	10	11	16	21	26
15°	6	7	7	8	9	10	11	12	18	23	27
13.75°	6	7	7	8	9	10	11	14	19	24	29
12.5°	6	7	7	8	9	10	11	16	21	26	30
11.25°	6	7	7	8	9	10	11	17	22	27	31
10°	6	7	8	9	10	11	13	18	24	28	33
8.75°	6	7	8	9	10	11	14	19	24	29	34
7.5°	7	7	8	9	10	11	15	20	25	30	35
6.25°	7	7	8	9	10	11	15	21	26	31	36
5°	7	7	8	9	10	11	16	22	27	31	37
3.75°	7	7	8	9	10	11	17	22	27	32	38
2.5°	7	7	8	9	10	11	17	23	27	32	38
1.25°	7	7	8	9	10	11	17	23	27	32	38
0°	7	7	8	9	10	11	17	23	28	32	38
-1.25°	7	7	8	9	10	11	17	23	27	32	38
-2.5°	7	7	8	9	10	11	17	23	27	32	38
-3.75°	7	7	8	9	10	11	17	22	27	32	38
-5°	7	7	8	9	10	11	16	22	27	31	37
-6.25°	7	7	8	9	10	11	15	21	26	31	36
-7.5°	7	7	8	9	10	11	15	20	25	30	35
-8.75°	6	7	8	9	10	11	14	19	24	29	34
-10°	6	7	8	9	10	11	13	18	24	28	33
-11.25°	6	7	7	8	9	10	11	17	22	27	31
-12.5°	6	7	7	8	9	10	11	16	21	26	30
-13.75°	6	7	7	8	9	10	11	14	19	24	29
-15°	6	7	7	8	9	10	11	12	18	23	27
-16.25°	6	6	7	8	8	9	10	11	16	21	26
-17.5°	6	6	7	7	8	9	10	11	14	19	24
-18.75°	6	6	7	7	8	9	10	11	12	17	22
-20°	6	6	6	7	7	8	9	10	11	15	20
-21.25°	6	6	6	7	7	8	9	10	11	12	17



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	6	6	6	7	7	8	8	9	10	11	14
-23.75°	6	6	6	6	7	7	8	9	10	11	12
-25°	6	6	6	6	7	7	8	8	9	10	11
-26.25°	6	6	6	6	6	7	7	8	9	10	10
-27.5°	6	6	6	6	6	7	7	8	8	9	10
-28.75°	5	6	6	6	6	6	7	7	8	9	9
-30°	5	6	6	6	6	6	6	7	7	8	9
-31.25°	5	5	6	6	6	6	6	7	7	7	8
-32.5°	5	5	5	6	6	6	6	6	7	7	8
-33.75°	5	5	5	6	6	6	6	6	6	7	7
-35°	5	5	5	5	6	6	6	6	6	6	7
-36.25°	5	5	5	5	5	6	6	6	6	6	6
-37.5°	5	5	5	5	5	6	6	6	6	6	6
-38.75°	5	5	5	5	5	5	6	6	6	6	6
-40°	5	5	5	5	5	5	5	6	6	6	6
-41.25°	5	5	5	5	5	5	5	5	6	6	6
-42.5°	5	5	5	5	5	5	5	5	5	6	6
-43.75°	5	5	5	5	5	5	5	5	5	5	5
-45°	4	5	5	5	5	5	5	5	5	5	5
-46.25°	4	4	5	5	5	5	5	5	5	5	5
-47.5°	4	4	4	5	5	5	5	5	5	5	5
-48.75°	4	4	4	4	5	5	5	5	5	5	5
-50°	4	4	4	4	4	5	5	5	5	5	5
-51.25°	4	4	4	4	4	4	4	5	5	5	5
-52.5°	4	4	4	4	4	4	4	4	5	5	5
-53.75°	3	4	4	4	4	4	4	4	4	4	5
-55°	3	3	3	4	4	4	4	4	4	4	4
-56.25°	3	3	3	3	4	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	4	4	4	4
-60°	3	3	3	3	3	3	3	3	3	3	4
-61.25°	2	3	3	3	3	3	3	3	3	3	3
-62.5°	2	2	3	3	3	3	3	3	3	3	3
-63.75°	2	2	2	2	3	3	3	3	3	3	3
-65°	2	2	2	2	2	2	3	3	3	3	3
-66.25°	2	2	2	2	2	2	2	2	2	3	3
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	1	1	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	2	2	2	2	2	2
-72.5°	1	1	1	1	1	1	1	1	1	2	2
-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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	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°	1	1	1	1	1	1	1	1	1	1	1
-85°	0	0	0	0	0	0	1	1	1	1	1
-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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
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	2	2
73.75°	1	1	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	3	3	3	3	3	3
67.5°	2	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	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	4	4	4
62.5°	3	3	3	3	4	4	4	4	4	4	4
61.25°	3	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	5	5
57.5°	4	4	4	4	4	4	5	5	5	5	5
56.25°	4	4	4	5	5	5	5	5	5	5	5
55°	4	5	5	5	5	5	5	5	5	5	5
53.75°	5	5	5	5	5	5	5	5	5	5	5
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	5	5	5	5	5	5	5	5	5	5	5
50°	5	5	5	5	5	5	5	5	5	6	6
48.75°	5	5	5	5	5	5	6	6	6	6	6
47.5°	5	5	5	5	6	6	6	6	6	6	6
46.25°	5	5	5	6	6	6	6	6	6	6	6
45°	5	6	6	6	6	6	6	6	6	6	7
43.75°	6	6	6	6	6	6	6	6	7	7	7
42.5°	6	6	6	6	6	6	7	7	7	7	8
41.25°	6	6	6	6	6	7	7	7	8	8	8
40°	6	6	6	7	7	7	8	8	8	9	9
38.75°	6	6	7	7	7	8	8	9	9	10	10
37.5°	6	7	7	7	8	9	9	10	10	11	11
36.25°	7	7	8	8	9	9	10	10	11	12	14
35°	7	8	8	9	9	10	11	11	13	16	19



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	8	8	9	10	10	11	11	15	18	21	24
32.5°	8	9	10	10	11	12	16	19	22	25	27
31.25°	9	10	10	11	13	16	20	23	26	28	31
30°	9	10	11	13	16	20	24	26	29	32	35
28.75°	10	11	12	16	20	24	27	30	33	37	40
27.5°	11	11	16	20	24	27	30	33	37	41	45
26.25°	11	15	19	23	26	30	33	37	42	49	67
25°	13	18	22	26	29	33	37	42	50	69	88
23.75°	16	21	25	28	32	37	41	49	69	89	123
22.5°	19	24	27	31	35	40	45	67	88	123	194
21.25°	22	26	30	34	39	44	62	84	114	189	263
20°	24	28	32	37	42	56	79	101	177	254	336
18.75°	26	30	35	40	47	71	94	155	236	318	419
17.5°	28	32	37	43	61	85	126	210	294	395	504
16.25°	30	35	40	48	74	99	176	263	359	471	585
15°	31	37	42	60	86	133	223	313	426	545	662
13.75°	33	39	45	71	97	176	268	373	493	615	729
12.5°	35	41	55	81	121	216	309	429	555	678	789
11.25°	37	43	64	91	156	252	358	483	613	733	843
10°	39	45	72	99	188	285	402	533	663	782	886
8.75°	40	51	79	117	216	316	443	578	707	824	924
7.5°	41	57	85	140	240	349	480	617	745	859	950
6.25°	42	62	90	160	261	377	512	650	775	886	972
5°	43	66	95	177	279	400	538	676	800	909	990
3.75°	44	69	98	190	292	419	559	696	820	926	1002
2.5°	44	72	101	199	302	433	574	710	834	937	1011
1.25°	45	73	102	204	308	441	583	719	843	942	1016
0°	45	74	103	206	310	444	586	722	846	944	1018
-1.25°	45	73	102	204	308	441	583	719	843	942	1016
-2.5°	44	72	101	199	302	433	574	710	834	937	1011
-3.75°	44	69	98	190	292	419	559	696	820	926	1002
-5°	43	66	95	177	279	400	538	676	800	909	990
-6.25°	42	62	90	160	261	377	512	650	775	886	972
-7.5°	41	57	85	140	240	349	480	617	745	859	950
-8.75°	40	51	79	117	216	316	443	578	707	824	924
-10°	39	45	72	99	188	285	402	533	663	782	886
-11.25°	37	43	64	91	156	252	358	483	613	733	843
-12.5°	35	41	55	81	121	216	309	429	555	678	789
-13.75°	33	39	45	71	97	176	268	373	493	615	729
-15°	31	37	42	60	86	133	223	313	426	545	662
-16.25°	30	35	40	48	74	99	176	263	359	471	585
-17.5°	28	32	37	43	61	85	126	210	294	395	504
-18.75°	26	30	35	40	47	71	94	155	236	318	419
-20°	24	28	32	37	42	56	79	101	177	254	336
-21.25°	22	26	30	34	39	44	62	84	114	189	263



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	19	24	27	31	35	40	45	67	88	123	194
-23.75°	16	21	25	28	32	37	41	49	69	89	123
-25°	13	18	22	26	29	33	37	42	50	69	88
-26.25°	11	15	19	23	26	30	33	37	42	49	67
-27.5°	11	11	16	20	24	27	30	33	37	41	45
-28.75°	10	11	12	16	20	24	27	30	33	37	40
-30°	9	10	11	13	16	20	24	26	29	32	35
-31.25°	9	10	10	11	13	16	20	23	26	28	31
-32.5°	8	9	10	10	11	12	16	19	22	25	27
-33.75°	8	8	9	10	10	11	11	15	18	21	24
-35°	7	8	8	9	9	10	11	11	13	16	19
-36.25°	7	7	8	8	9	9	10	10	11	12	14
-37.5°	6	7	7	7	8	9	9	10	10	11	11
-38.75°	6	6	7	7	7	8	8	9	9	10	10
-40°	6	6	6	7	7	7	8	8	8	9	9
-41.25°	6	6	6	6	6	7	7	7	8	8	8
-42.5°	6	6	6	6	6	6	7	7	7	7	8
-43.75°	6	6	6	6	6	6	6	6	7	7	7
-45°	5	6	6	6	6	6	6	6	6	6	7
-46.25°	5	5	5	6	6	6	6	6	6	6	6
-47.5°	5	5	5	5	6	6	6	6	6	6	6
-48.75°	5	5	5	5	5	5	6	6	6	6	6
-50°	5	5	5	5	5	5	5	5	5	6	6
-51.25°	5	5	5	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	5	5	5	5	5	5	5	5	5	5	5
-55°	4	5	5	5	5	5	5	5	5	5	5
-56.25°	4	4	4	5	5	5	5	5	5	5	5
-57.5°	4	4	4	4	4	4	5	5	5	5	5
-58.75°	4	4	4	4	4	4	4	4	4	5	5
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	3	4	4	4	4	4	4	4	4	4	4
-62.5°	3	3	3	3	4	4	4	4	4	4	4
-63.75°	3	3	3	3	3	3	3	3	4	4	4
-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°	2	3	3	3	3	3	3	3	3	3	3
-68.75°	2	2	2	2	2	3	3	3	3	3	3
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	1	1	2	2	2	2	2	2	2	2	2
-75°	1	1	1	1	1	1	1	1	1	2	2
-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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
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°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	3
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	3	3	3	3	4
65°	3	3	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	5	5
60°	4	4	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	5	5	5	5	5	5	5	5	5	5	6
52.5°	5	5	5	5	6	6	6	6	6	6	6
51.25°	5	6	6	6	6	6	6	6	6	6	6
50°	6	6	6	6	6	6	6	6	6	6	6
48.75°	6	6	6	6	6	6	6	6	6	6	6
47.5°	6	6	6	6	6	7	7	7	7	7	7
46.25°	6	6	7	7	7	7	7	7	7	8	8
45°	7	7	7	7	8	8	8	8	8	9	9
43.75°	7	7	8	8	8	9	9	9	9	10	10
42.5°	8	8	9	9	9	10	10	10	10	11	11
41.25°	9	9	10	10	10	11	11	11	11	13	14
40°	10	10	11	11	11	12	14	16	17	18	19
38.75°	11	11	12	14	16	18	19	21	22	24	24
37.5°	12	15	17	19	21	23	24	26	27	28	29
36.25°	17	20	22	24	26	27	29	30	31	33	34
35°	22	24	26	28	30	31	33	35	37	39	40



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	26	28	30	32	35	37	39	41	43	45	51
32.5°	30	32	35	37	40	42	45	55	64	72	79
31.25°	34	37	40	43	48	60	71	81	91	99	117
30°	39	42	47	61	74	86	97	121	156	188	216
28.75°	44	56	71	85	99	133	176	216	252	285	316
27.5°	62	79	94	126	176	223	268	309	358	402	443
26.25°	84	101	155	210	263	313	373	429	483	533	578
25°	114	177	236	294	359	426	493	555	613	663	707
23.75°	189	254	318	395	471	545	615	678	733	782	824
22.5°	263	336	419	504	585	662	729	789	843	886	924
21.25°	341	431	523	612	693	767	832	887	934	967	996
20°	431	530	626	713	791	861	920	963	1000	1031	1059
18.75°	523	626	719	804	877	939	985	1023	1059	1094	1128
17.5°	612	713	804	883	947	997	1039	1080	1123	1165	1208
16.25°	693	791	877	947	1000	1046	1094	1143	1194	1246	1304
15°	767	861	939	997	1046	1098	1154	1213	1278	1346	1417
13.75°	832	920	985	1039	1094	1154	1220	1294	1375	1460	1565
12.5°	887	963	1023	1080	1143	1213	1294	1385	1488	1613	1768
11.25°	934	1000	1059	1123	1194	1278	1375	1488	1634	1812	2013
10°	967	1031	1094	1165	1246	1346	1460	1613	1812	2041	2322
8.75°	996	1059	1128	1208	1304	1417	1565	1768	2013	2322	2709
7.5°	1019	1085	1160	1247	1358	1492	1682	1929	2241	2651	3182
6.25°	1039	1109	1191	1290	1410	1570	1797	2084	2479	3012	3728
5°	1057	1130	1217	1325	1454	1647	1912	2257	2733	3393	4314
3.75°	1070	1147	1238	1355	1502	1719	2007	2396	2964	3785	4894
2.5°	1081	1160	1255	1378	1537	1771	2078	2528	3172	4107	5339
1.25°	1087	1167	1267	1392	1559	1803	2135	2612	3299	4306	5642
0°	1089	1170	1271	1397	1566	1814	2154	2640	3342	4374	5749
-1.25°	1087	1167	1267	1392	1559	1803	2135	2612	3299	4306	5642
-2.5°	1081	1160	1255	1378	1537	1771	2078	2528	3172	4107	5339
-3.75°	1070	1147	1238	1355	1502	1719	2007	2396	2964	3785	4894
-5°	1057	1130	1217	1325	1454	1647	1912	2257	2733	3393	4314
-6.25°	1039	1109	1191	1290	1410	1570	1797	2084	2479	3012	3728
-7.5°	1019	1085	1160	1247	1358	1492	1682	1929	2241	2651	3182
-8.75°	996	1059	1128	1208	1304	1417	1565	1768	2013	2322	2709
-10°	967	1031	1094	1165	1246	1346	1460	1613	1812	2041	2322
-11.25°	934	1000	1059	1123	1194	1278	1375	1488	1634	1812	2013
-12.5°	887	963	1023	1080	1143	1213	1294	1385	1488	1613	1768
-13.75°	832	920	985	1039	1094	1154	1220	1294	1375	1460	1565
-15°	767	861	939	997	1046	1098	1154	1213	1278	1346	1417
-16.25°	693	791	877	947	1000	1046	1094	1143	1194	1246	1304
-17.5°	612	713	804	883	947	997	1039	1080	1123	1165	1208
-18.75°	523	626	719	804	877	939	985	1023	1059	1094	1128
-20°	431	530	626	713	791	861	920	963	1000	1031	1059
-21.25°	341	431	523	612	693	767	832	887	934	967	996



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	263	336	419	504	585	662	729	789	843	886	924
-23.75°	189	254	318	395	471	545	615	678	733	782	824
-25°	114	177	236	294	359	426	493	555	613	663	707
-26.25°	84	101	155	210	263	313	373	429	483	533	578
-27.5°	62	79	94	126	176	223	268	309	358	402	443
-28.75°	44	56	71	85	99	133	176	216	252	285	316
-30°	39	42	47	61	74	86	97	121	156	188	216
-31.25°	34	37	40	43	48	60	71	81	91	99	117
-32.5°	30	32	35	37	40	42	45	55	64	72	79
-33.75°	26	28	30	32	35	37	39	41	43	45	51
-35°	22	24	26	28	30	31	33	35	37	39	40
-36.25°	17	20	22	24	26	27	29	30	31	33	34
-37.5°	12	15	17	19	21	23	24	26	27	28	29
-38.75°	11	11	12	14	16	18	19	21	22	24	24
-40°	10	10	11	11	11	12	14	16	17	18	19
-41.25°	9	9	10	10	10	11	11	11	11	13	14
-42.5°	8	8	9	9	9	10	10	10	10	11	11
-43.75°	7	7	8	8	8	9	9	9	9	10	10
-45°	7	7	7	7	8	8	8	8	8	9	9
-46.25°	6	6	7	7	7	7	7	7	7	8	8
-47.5°	6	6	6	6	6	7	7	7	7	7	7
-48.75°	6	6	6	6	6	6	6	6	6	6	6
-50°	6	6	6	6	6	6	6	6	6	6	6
-51.25°	5	6	6	6	6	6	6	6	6	6	6
-52.5°	5	5	5	5	6	6	6	6	6	6	6
-53.75°	5	5	5	5	5	5	5	5	5	5	6
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	4	4	5	5	5	5	5	5	5	5	5
-61.25°	4	4	4	4	4	4	4	4	4	5	5
-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	4	4	4	4	4	4	4	4	4
-66.25°	3	3	3	3	3	3	3	3	3	3	4
-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	3
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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	1	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
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	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	3	3	3	3	3	3	3	3	3	3	3
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°	4	4	4	4	4	4	4	4	4	4	4
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°	5	5	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	6	6	6	6	6	6	6	6	6	6	6
52.5°	6	6	6	6	6	6	6	6	6	6	6
51.25°	6	6	6	6	6	6	6	6	6	6	6
50°	6	6	6	6	6	6	6	6	6	6	6
48.75°	7	7	7	7	7	7	7	7	7	7	7
47.5°	7	7	7	7	7	7	7	7	7	7	7
46.25°	8	8	8	8	8	8	8	8	8	8	8
45°	9	9	9	9	9	9	9	9	9	9	9
43.75°	10	10	10	10	10	10	10	10	10	10	10
42.5°	11	11	11	11	11	11	11	11	11	11	11
41.25°	15	15	16	17	17	17	17	17	17	17	16
40°	20	21	22	22	23	23	23	23	23	22	22
38.75°	25	26	27	27	27	27	28	27	27	27	27
37.5°	30	31	31	32	32	32	32	32	32	32	31
36.25°	35	36	37	38	38	38	38	38	38	38	37
35°	41	42	43	44	44	45	45	45	44	44	43



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	57	62	66	69	72	73	74	73	72	69	66
32.5°	85	90	95	98	101	102	103	102	101	98	95
31.25°	140	160	177	190	199	204	206	204	199	190	177
30°	240	261	279	292	302	308	310	308	302	292	279
28.75°	349	377	400	419	433	441	444	441	433	419	400
27.5°	480	512	538	559	574	583	586	583	574	559	538
26.25°	617	650	676	696	710	719	722	719	710	696	676
25°	745	775	800	820	834	843	846	843	834	820	800
23.75°	859	886	909	926	937	942	944	942	937	926	909
22.5°	950	972	990	1002	1011	1016	1018	1016	1011	1002	990
21.25°	1019	1039	1057	1070	1081	1087	1089	1087	1081	1070	1057
20°	1085	1109	1130	1147	1160	1167	1170	1167	1160	1147	1130
18.75°	1160	1191	1217	1238	1255	1267	1271	1267	1255	1238	1217
17.5°	1247	1290	1325	1355	1378	1392	1397	1392	1378	1355	1325
16.25°	1358	1410	1454	1502	1537	1559	1566	1559	1537	1502	1454
15°	1492	1570	1647	1719	1771	1803	1814	1803	1771	1719	1647
13.75°	1682	1797	1912	2007	2078	2135	2154	2135	2078	2007	1912
12.5°	1929	2084	2257	2396	2528	2612	2640	2612	2528	2396	2257
11.25°	2241	2479	2733	2964	3172	3299	3342	3299	3172	2964	2733
10°	2651	3012	3393	3785	4107	4306	4374	4306	4107	3785	3393
8.75°	3182	3728	4314	4894	5339	5642	5749	5642	5339	4894	4314
7.5°	3857	4640	5437	6202	6787	7159	7286	7159	6787	6202	5437
6.25°	4640	5651	6670	7553	8244	8690	8844	8690	8244	7553	6670
5°	5437	6670	7823	8848	9650	10172	10356	10172	9650	8848	7823
3.75°	6202	7553	8848	9995	10871	11439	11611	11439	10871	9995	8848
2.5°	6787	8244	9650	10871	11792	12369	12549	12369	11792	10871	9650
1.25°	7159	8690	10172	11439	12369	12938	13130	12938	12369	11439	10172
0°	7286	8844	10356	11611	12549	13130	13390	13130	12549	11611	10356
-1.25°	7159	8690	10172	11439	12369	12938	13130	12938	12369	11439	10172
-2.5°	6787	8244	9650	10871	11792	12369	12549	12369	11792	10871	9650
-3.75°	6202	7553	8848	9995	10871	11439	11611	11439	10871	9995	8848
-5°	5437	6670	7823	8848	9650	10172	10356	10172	9650	8848	7823
-6.25°	4640	5651	6670	7553	8244	8690	8844	8690	8244	7553	6670
-7.5°	3857	4640	5437	6202	6787	7159	7286	7159	6787	6202	5437
-8.75°	3182	3728	4314	4894	5339	5642	5749	5642	5339	4894	4314
-10°	2651	3012	3393	3785	4107	4306	4374	4306	4107	3785	3393
-11.25°	2241	2479	2733	2964	3172	3299	3342	3299	3172	2964	2733
-12.5°	1929	2084	2257	2396	2528	2612	2640	2612	2528	2396	2257
-13.75°	1682	1797	1912	2007	2078	2135	2154	2135	2078	2007	1912
-15°	1492	1570	1647	1719	1771	1803	1814	1803	1771	1719	1647
-16.25°	1358	1410	1454	1502	1537	1559	1566	1559	1537	1502	1454
-17.5°	1247	1290	1325	1355	1378	1392	1397	1392	1378	1355	1325
-18.75°	1160	1191	1217	1238	1255	1267	1271	1267	1255	1238	1217
-20°	1085	1109	1130	1147	1160	1167	1170	1167	1160	1147	1130
-21.25°	1019	1039	1057	1070	1081	1087	1089	1087	1081	1070	1057



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	950	972	990	1002	1011	1016	1018	1016	1011	1002	990
-23.75°	859	886	909	926	937	942	944	942	937	926	909
-25°	745	775	800	820	834	843	846	843	834	820	800
-26.25°	617	650	676	696	710	719	722	719	710	696	676
-27.5°	480	512	538	559	574	583	586	583	574	559	538
-28.75°	349	377	400	419	433	441	444	441	433	419	400
-30°	240	261	279	292	302	308	310	308	302	292	279
-31.25°	140	160	177	190	199	204	206	204	199	190	177
-32.5°	85	90	95	98	101	102	103	102	101	98	95
-33.75°	57	62	66	69	72	73	74	73	72	69	66
-35°	41	42	43	44	44	45	45	45	44	44	43
-36.25°	35	36	37	38	38	38	38	38	38	38	37
-37.5°	30	31	31	32	32	32	32	32	32	32	31
-38.75°	25	26	27	27	27	27	28	27	27	27	27
-40°	20	21	22	22	23	23	23	23	23	22	22
-41.25°	15	15	16	17	17	17	17	17	17	17	16
-42.5°	11	11	11	11	11	11	11	11	11	11	11
-43.75°	10	10	10	10	10	10	10	10	10	10	10
-45°	9	9	9	9	9	9	9	9	9	9	9
-46.25°	8	8	8	8	8	8	8	8	8	8	8
-47.5°	7	7	7	7	7	7	7	7	7	7	7
-48.75°	7	7	7	7	7	7	7	7	7	7	7
-50°	6	6	6	6	6	6	6	6	6	6	6
-51.25°	6	6	6	6	6	6	6	6	6	6	6
-52.5°	6	6	6	6	6	6	6	6	6	6	6
-53.75°	6	6	6	6	6	6	6	6	6	6	6
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-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°	4	4	4	4	4	4	4	4	4	4	4
-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°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	1	2	2	2	2	2	2	2	2	2	2
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	1	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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
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°	2	1	1	1	1	1	1	1	1	1	1
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	3	3	3	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°	4	4	4	3	3	3	3	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°	5	5	5	5	4	4	4	4	4	4	4
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	6	6	6	5	5	5	5	5	5	5	5
52.5°	6	6	6	6	6	6	6	6	6	5	5
51.25°	6	6	6	6	6	6	6	6	6	6	6
50°	6	6	6	6	6	6	6	6	6	6	6
48.75°	7	7	6	6	6	6	6	6	6	6	6
47.5°	7	7	7	7	7	7	7	7	6	6	6
46.25°	8	8	8	8	7	7	7	7	7	7	7
45°	9	9	9	9	8	8	8	8	8	7	7
43.75°	10	10	10	10	9	9	9	9	8	8	8
42.5°	11	11	11	11	10	10	10	10	9	9	9
41.25°	15	15	14	13	11	11	11	11	10	10	10
40°	21	20	19	18	17	16	14	12	11	11	11
38.75°	26	25	24	24	22	21	19	18	16	14	12
37.5°	31	30	29	28	27	26	24	23	21	19	17
36.25°	36	35	34	33	31	30	29	27	26	24	22
35°	42	41	40	39	37	35	33	31	30	28	26



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	62	57	51	45	43	41	39	37	35	32	30
32.5°	90	85	79	72	64	55	45	42	40	37	35
31.25°	160	140	117	99	91	81	71	60	48	43	40
30°	261	240	216	188	156	121	97	86	74	61	47
28.75°	377	349	316	285	252	216	176	133	99	85	71
27.5°	512	480	443	402	358	309	268	223	176	126	94
26.25°	650	617	578	533	483	429	373	313	263	210	155
25°	775	745	707	663	613	555	493	426	359	294	236
23.75°	886	859	824	782	733	678	615	545	471	395	318
22.5°	972	950	924	886	843	789	729	662	585	504	419
21.25°	1039	1019	996	967	934	887	832	767	693	612	523
20°	1109	1085	1059	1031	1000	963	920	861	791	713	626
18.75°	1191	1160	1128	1094	1059	1023	985	939	877	804	719
17.5°	1290	1247	1208	1165	1123	1080	1039	997	947	883	804
16.25°	1410	1358	1304	1246	1194	1143	1094	1046	1000	947	877
15°	1570	1492	1417	1346	1278	1213	1154	1098	1046	997	939
13.75°	1797	1682	1565	1460	1375	1294	1220	1154	1094	1039	985
12.5°	2084	1929	1768	1613	1488	1385	1294	1213	1143	1080	1023
11.25°	2479	2241	2013	1812	1634	1488	1375	1278	1194	1123	1059
10°	3012	2651	2322	2041	1812	1613	1460	1346	1246	1165	1094
8.75°	3728	3182	2709	2322	2013	1768	1565	1417	1304	1208	1128
7.5°	4640	3857	3182	2651	2241	1929	1682	1492	1358	1247	1160
6.25°	5651	4640	3728	3012	2479	2084	1797	1570	1410	1290	1191
5°	6670	5437	4314	3393	2733	2257	1912	1647	1454	1325	1217
3.75°	7553	6202	4894	3785	2964	2396	2007	1719	1502	1355	1238
2.5°	8244	6787	5339	4107	3172	2528	2078	1771	1537	1378	1255
1.25°	8690	7159	5642	4306	3299	2612	2135	1803	1559	1392	1267
0°	8844	7286	5749	4374	3342	2640	2154	1814	1566	1397	1271
-1.25°	8690	7159	5642	4306	3299	2612	2135	1803	1559	1392	1267
-2.5°	8244	6787	5339	4107	3172	2528	2078	1771	1537	1378	1255
-3.75°	7553	6202	4894	3785	2964	2396	2007	1719	1502	1355	1238
-5°	6670	5437	4314	3393	2733	2257	1912	1647	1454	1325	1217
-6.25°	5651	4640	3728	3012	2479	2084	1797	1570	1410	1290	1191
-7.5°	4640	3857	3182	2651	2241	1929	1682	1492	1358	1247	1160
-8.75°	3728	3182	2709	2322	2013	1768	1565	1417	1304	1208	1128
-10°	3012	2651	2322	2041	1812	1613	1460	1346	1246	1165	1094
-11.25°	2479	2241	2013	1812	1634	1488	1375	1278	1194	1123	1059
-12.5°	2084	1929	1768	1613	1488	1385	1294	1213	1143	1080	1023
-13.75°	1797	1682	1565	1460	1375	1294	1220	1154	1094	1039	985
-15°	1570	1492	1417	1346	1278	1213	1154	1098	1046	997	939
-16.25°	1410	1358	1304	1246	1194	1143	1094	1046	1000	947	877
-17.5°	1290	1247	1208	1165	1123	1080	1039	997	947	883	804
-18.75°	1191	1160	1128	1094	1059	1023	985	939	877	804	719
-20°	1109	1085	1059	1031	1000	963	920	861	791	713	626
-21.25°	1039	1019	996	967	934	887	832	767	693	612	523



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	972	950	924	886	843	789	729	662	585	504	419
-23.75°	886	859	824	782	733	678	615	545	471	395	318
-25°	775	745	707	663	613	555	493	426	359	294	236
-26.25°	650	617	578	533	483	429	373	313	263	210	155
-27.5°	512	480	443	402	358	309	268	223	176	126	94
-28.75°	377	349	316	285	252	216	176	133	99	85	71
-30°	261	240	216	188	156	121	97	86	74	61	47
-31.25°	160	140	117	99	91	81	71	60	48	43	40
-32.5°	90	85	79	72	64	55	45	42	40	37	35
-33.75°	62	57	51	45	43	41	39	37	35	32	30
-35°	42	41	40	39	37	35	33	31	30	28	26
-36.25°	36	35	34	33	31	30	29	27	26	24	22
-37.5°	31	30	29	28	27	26	24	23	21	19	17
-38.75°	26	25	24	24	22	21	19	18	16	14	12
-40°	21	20	19	18	17	16	14	12	11	11	11
-41.25°	15	15	14	13	11	11	11	11	10	10	10
-42.5°	11	11	11	11	10	10	10	10	9	9	9
-43.75°	10	10	10	10	9	9	9	9	8	8	8
-45°	9	9	9	9	8	8	8	8	8	7	7
-46.25°	8	8	8	8	7	7	7	7	7	7	7
-47.5°	7	7	7	7	7	7	7	7	6	6	6
-48.75°	7	7	6	6	6	6	6	6	6	6	6
-50°	6	6	6	6	6	6	6	6	6	6	6
-51.25°	6	6	6	6	6	6	6	6	6	6	6
-52.5°	6	6	6	6	6	6	6	6	6	5	5
-53.75°	6	6	6	5	5	5	5	5	5	5	5
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	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°	4	4	4	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	3	3	3	3
-71.25°	3	3	3	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
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°	2	2	2	2	1	1	1	1	1	1	1
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	3	3	2	2	2	2	2	2	2	2	2
68.75°	3	3	3	3	3	3	3	3	2	2	2
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	3	3	3	3	3	3	3	3
63.75°	4	4	4	4	4	3	3	3	3	3	3
62.5°	4	4	4	4	4	4	4	4	4	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°	5	5	5	5	4	4	4	4	4	4	4
57.5°	5	5	5	5	5	5	5	4	4	4	4
56.25°	5	5	5	5	5	5	5	5	5	5	4
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	5	5	5	5	5	5	5	5	5	5	5
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	6	5	5	5	5	5	5	5	5	5	5
50°	6	6	6	6	5	5	5	5	5	5	5
48.75°	6	6	6	6	6	6	6	5	5	5	5
47.5°	6	6	6	6	6	6	6	6	6	5	5
46.25°	6	6	6	6	6	6	6	6	6	6	5
45°	7	7	7	6	6	6	6	6	6	6	6
43.75°	7	7	7	7	7	6	6	6	6	6	6
42.5°	8	8	8	7	7	7	7	6	6	6	6
41.25°	9	9	8	8	8	7	7	7	6	6	6
40°	10	10	9	9	8	8	8	7	7	7	6
38.75°	11	11	10	10	9	9	8	8	7	7	7
37.5°	15	12	11	11	10	10	9	9	8	7	7
36.25°	20	17	14	12	11	10	10	9	9	8	8
35°	24	22	19	16	13	11	11	10	9	9	8



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	28	26	24	21	18	15	11	11	10	10	9
32.5°	32	30	27	25	22	19	16	12	11	10	10
31.25°	37	34	31	28	26	23	20	16	13	11	10
30°	42	39	35	32	29	26	24	20	16	13	11
28.75°	56	44	40	37	33	30	27	24	20	16	12
27.5°	79	62	45	41	37	33	30	27	24	20	16
26.25°	101	84	67	49	42	37	33	30	26	23	19
25°	177	114	88	69	50	42	37	33	29	26	22
23.75°	254	189	123	89	69	49	41	37	32	28	25
22.5°	336	263	194	123	88	67	45	40	35	31	27
21.25°	431	341	263	189	114	84	62	44	39	34	30
20°	530	431	336	254	177	101	79	56	42	37	32
18.75°	626	523	419	318	236	155	94	71	47	40	35
17.5°	713	612	504	395	294	210	126	85	61	43	37
16.25°	791	693	585	471	359	263	176	99	74	48	40
15°	861	767	662	545	426	313	223	133	86	60	42
13.75°	920	832	729	615	493	373	268	176	97	71	45
12.5°	963	887	789	678	555	429	309	216	121	81	55
11.25°	1000	934	843	733	613	483	358	252	156	91	64
10°	1031	967	886	782	663	533	402	285	188	99	72
8.75°	1059	996	924	824	707	578	443	316	216	117	79
7.5°	1085	1019	950	859	745	617	480	349	240	140	85
6.25°	1109	1039	972	886	775	650	512	377	261	160	90
5°	1130	1057	990	909	800	676	538	400	279	177	95
3.75°	1147	1070	1002	926	820	696	559	419	292	190	98
2.5°	1160	1081	1011	937	834	710	574	433	302	199	101
1.25°	1167	1087	1016	942	843	719	583	441	308	204	102
0°	1170	1089	1018	944	846	722	586	444	310	206	103
-1.25°	1167	1087	1016	942	843	719	583	441	308	204	102
-2.5°	1160	1081	1011	937	834	710	574	433	302	199	101
-3.75°	1147	1070	1002	926	820	696	559	419	292	190	98
-5°	1130	1057	990	909	800	676	538	400	279	177	95
-6.25°	1109	1039	972	886	775	650	512	377	261	160	90
-7.5°	1085	1019	950	859	745	617	480	349	240	140	85
-8.75°	1059	996	924	824	707	578	443	316	216	117	79
-10°	1031	967	886	782	663	533	402	285	188	99	72
-11.25°	1000	934	843	733	613	483	358	252	156	91	64
-12.5°	963	887	789	678	555	429	309	216	121	81	55
-13.75°	920	832	729	615	493	373	268	176	97	71	45
-15°	861	767	662	545	426	313	223	133	86	60	42
-16.25°	791	693	585	471	359	263	176	99	74	48	40
-17.5°	713	612	504	395	294	210	126	85	61	43	37
-18.75°	626	523	419	318	236	155	94	71	47	40	35
-20°	530	431	336	254	177	101	79	56	42	37	32
-21.25°	431	341	263	189	114	84	62	44	39	34	30



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	336	263	194	123	88	67	45	40	35	31	27
-23.75°	254	189	123	89	69	49	41	37	32	28	25
-25°	177	114	88	69	50	42	37	33	29	26	22
-26.25°	101	84	67	49	42	37	33	30	26	23	19
-27.5°	79	62	45	41	37	33	30	27	24	20	16
-28.75°	56	44	40	37	33	30	27	24	20	16	12
-30°	42	39	35	32	29	26	24	20	16	13	11
-31.25°	37	34	31	28	26	23	20	16	13	11	10
-32.5°	32	30	27	25	22	19	16	12	11	10	10
-33.75°	28	26	24	21	18	15	11	11	10	10	9
-35°	24	22	19	16	13	11	11	10	9	9	8
-36.25°	20	17	14	12	11	10	10	9	9	8	8
-37.5°	15	12	11	11	10	10	9	9	8	7	7
-38.75°	11	11	10	10	9	9	8	8	7	7	7
-40°	10	10	9	9	8	8	8	7	7	7	6
-41.25°	9	9	8	8	8	7	7	7	6	6	6
-42.5°	8	8	8	7	7	7	7	6	6	6	6
-43.75°	7	7	7	7	7	6	6	6	6	6	6
-45°	7	7	7	6	6	6	6	6	6	6	6
-46.25°	6	6	6	6	6	6	6	6	6	6	5
-47.5°	6	6	6	6	6	6	6	6	6	5	5
-48.75°	6	6	6	6	6	6	6	5	5	5	5
-50°	6	6	6	6	5	5	5	5	5	5	5
-51.25°	6	5	5	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	5	5	5	5	5	5	5	5	5	5	5
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	5	5	5	4
-57.5°	5	5	5	5	5	5	5	4	4	4	4
-58.75°	5	5	5	5	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	3	3
-63.75°	4	4	4	4	4	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	3	3	3
-68.75°	3	3	3	3	3	3	3	3	2	2	2
-70°	3	3	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	1	1	1	1	1	1	1	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
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°	2	2	2	2	1	1	1	1	1	1	1
71.25°	2	2	2	2	2	2	2	2	1	1	1
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	3	2	2	2	2	2	2	2	2	2	2
66.25°	3	3	3	3	2	2	2	2	2	2	2
65°	3	3	3	3	3	3	3	2	2	2	2
63.75°	3	3	3	3	3	3	3	3	3	2	2
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	4	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	4	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	4	3	3
55°	5	4	4	4	4	4	4	4	4	4	3
53.75°	5	5	5	4	4	4	4	4	4	4	4
52.5°	5	5	5	5	5	4	4	4	4	4	4
51.25°	5	5	5	5	5	5	4	4	4	4	4
50°	5	5	5	5	5	5	5	5	4	4	4
48.75°	5	5	5	5	5	5	5	5	5	4	4
47.5°	5	5	5	5	5	5	5	5	5	5	4
46.25°	5	5	5	5	5	5	5	5	5	5	5
45°	6	5	5	5	5	5	5	5	5	5	5
43.75°	6	6	5	5	5	5	5	5	5	5	5
42.5°	6	6	6	6	5	5	5	5	5	5	5
41.25°	6	6	6	6	6	5	5	5	5	5	5
40°	6	6	6	6	6	6	5	5	5	5	5
38.75°	6	6	6	6	6	6	6	5	5	5	5
37.5°	7	6	6	6	6	6	6	6	5	5	5
36.25°	7	7	6	6	6	6	6	6	5	5	5
35°	8	7	7	6	6	6	6	6	6	5	5



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	8	8	7	7	6	6	6	6	6	6	5
32.5°	9	8	8	7	7	6	6	6	6	6	5
31.25°	10	9	8	7	7	7	6	6	6	6	6
30°	10	9	9	8	7	7	6	6	6	6	6
28.75°	11	10	9	9	8	7	7	6	6	6	6
27.5°	11	11	10	9	8	8	7	7	6	6	6
26.25°	15	11	10	10	9	8	7	7	6	6	6
25°	18	13	11	10	9	8	8	7	7	6	6
23.75°	21	16	12	11	10	9	8	7	7	6	6
22.5°	24	19	14	11	10	9	8	8	7	7	6
21.25°	26	22	17	12	11	10	9	8	7	7	6
20°	28	24	20	15	11	10	9	8	7	7	6
18.75°	30	26	22	17	12	11	10	9	8	7	7
17.5°	32	28	24	19	14	11	10	9	8	7	7
16.25°	35	30	26	21	16	11	10	9	8	8	7
15°	37	31	27	23	18	12	11	10	9	8	7
13.75°	39	33	29	24	19	14	11	10	9	8	7
12.5°	41	35	30	26	21	16	11	10	9	8	7
11.25°	43	37	31	27	22	17	11	10	9	8	7
10°	45	39	33	28	24	18	13	11	10	9	8
8.75°	51	40	34	29	24	19	14	11	10	9	8
7.5°	57	41	35	30	25	20	15	11	10	9	8
6.25°	62	42	36	31	26	21	15	11	10	9	8
5°	66	43	37	31	27	22	16	11	10	9	8
3.75°	69	44	38	32	27	22	17	11	10	9	8
2.5°	72	44	38	32	27	23	17	11	10	9	8
1.25°	73	45	38	32	27	23	17	11	10	9	8
0°	74	45	38	32	28	23	17	11	10	9	8
-1.25°	73	45	38	32	27	23	17	11	10	9	8
-2.5°	72	44	38	32	27	23	17	11	10	9	8
-3.75°	69	44	38	32	27	22	17	11	10	9	8
-5°	66	43	37	31	27	22	16	11	10	9	8
-6.25°	62	42	36	31	26	21	15	11	10	9	8
-7.5°	57	41	35	30	25	20	15	11	10	9	8
-8.75°	51	40	34	29	24	19	14	11	10	9	8
-10°	45	39	33	28	24	18	13	11	10	9	8
-11.25°	43	37	31	27	22	17	11	10	9	8	7
-12.5°	41	35	30	26	21	16	11	10	9	8	7
-13.75°	39	33	29	24	19	14	11	10	9	8	7
-15°	37	31	27	23	18	12	11	10	9	8	7
-16.25°	35	30	26	21	16	11	10	9	8	8	7
-17.5°	32	28	24	19	14	11	10	9	8	7	7
-18.75°	30	26	22	17	12	11	10	9	8	7	7
-20°	28	24	20	15	11	10	9	8	7	7	6
-21.25°	26	22	17	12	11	10	9	8	7	7	6



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	24	19	14	11	10	9	8	8	7	7	6
-23.75°	21	16	12	11	10	9	8	7	7	6	6
-25°	18	13	11	10	9	8	8	7	7	6	6
-26.25°	15	11	10	10	9	8	7	7	6	6	6
-27.5°	11	11	10	9	8	8	7	7	6	6	6
-28.75°	11	10	9	9	8	7	7	6	6	6	6
-30°	10	9	9	8	7	7	6	6	6	6	6
-31.25°	10	9	8	7	7	7	6	6	6	6	6
-32.5°	9	8	8	7	7	6	6	6	6	6	5
-33.75°	8	8	7	7	6	6	6	6	6	6	5
-35°	8	7	7	6	6	6	6	6	6	5	5
-36.25°	7	7	6	6	6	6	6	6	5	5	5
-37.5°	7	6	6	6	6	6	6	6	5	5	5
-38.75°	6	6	6	6	6	6	6	5	5	5	5
-40°	6	6	6	6	6	6	5	5	5	5	5
-41.25°	6	6	6	6	6	5	5	5	5	5	5
-42.5°	6	6	6	6	5	5	5	5	5	5	5
-43.75°	6	6	5	5	5	5	5	5	5	5	5
-45°	6	5	5	5	5	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	4
-48.75°	5	5	5	5	5	5	5	5	5	4	4
-50°	5	5	5	5	5	5	5	5	4	4	4
-51.25°	5	5	5	5	5	5	4	4	4	4	4
-52.5°	5	5	5	5	5	4	4	4	4	4	4
-53.75°	5	5	5	4	4	4	4	4	4	4	4
-55°	5	4	4	4	4	4	4	4	4	4	3
-56.25°	4	4	4	4	4	4	4	4	4	3	3
-57.5°	4	4	4	4	4	4	4	3	3	3	3
-58.75°	4	4	4	4	4	4	3	3	3	3	3
-60°	4	4	4	3	3	3	3	3	3	3	3
-61.25°	4	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	2	2
-65°	3	3	3	3	3	3	3	2	2	2	2
-66.25°	3	3	3	3	2	2	2	2	2	2	2
-67.5°	3	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	1	1	1
-72.5°	2	2	2	2	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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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	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°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	1	1	1	1	1	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	1	1	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°	2	2	1	1	1	1	1	1	1	1	1
67.5°	2	2	2	2	1	1	1	1	1	1	1
66.25°	2	2	2	2	2	2	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	1	1
62.5°	2	2	2	2	2	2	2	2	2	2	1
61.25°	3	2	2	2	2	2	2	2	2	2	2
60°	3	3	3	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	2	2	2	2	2	2	2
57.5°	3	3	3	3	3	3	2	2	2	2	2
56.25°	3	3	3	3	3	3	3	2	2	2	2
55°	3	3	3	3	3	3	3	3	2	2	2
53.75°	4	3	3	3	3	3	3	3	3	2	2
52.5°	4	4	3	3	3	3	3	3	3	2	2
51.25°	4	4	4	3	3	3	3	3	3	3	2
50°	4	4	4	4	3	3	3	3	3	3	3
48.75°	4	4	4	4	4	3	3	3	3	3	3
47.5°	4	4	4	4	4	4	3	3	3	3	3
46.25°	4	4	4	4	4	4	3	3	3	3	3
45°	5	4	4	4	4	4	4	3	3	3	3
43.75°	5	5	4	4	4	4	4	4	3	3	3
42.5°	5	5	5	4	4	4	4	4	3	3	3
41.25°	5	5	5	4	4	4	4	4	4	3	3
40°	5	5	5	5	4	4	4	4	4	4	3
38.75°	5	5	5	5	5	4	4	4	4	4	3
37.5°	5	5	5	5	5	4	4	4	4	4	3
36.25°	5	5	5	5	5	5	4	4	4	4	4
35°	5	5	5	5	5	5	4	4	4	4	4



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	5	5	5	5	5	5	5	4	4	4	4
32.5°	5	5	5	5	5	5	5	4	4	4	4
31.25°	5	5	5	5	5	5	5	5	4	4	4
30°	6	5	5	5	5	5	5	5	4	4	4
28.75°	6	5	5	5	5	5	5	5	4	4	4
27.5°	6	6	5	5	5	5	5	5	5	4	4
26.25°	6	6	5	5	5	5	5	5	5	4	4
25°	6	6	5	5	5	5	5	5	5	4	4
23.75°	6	6	6	5	5	5	5	5	5	5	4
22.5°	6	6	6	5	5	5	5	5	5	5	4
21.25°	6	6	6	5	5	5	5	5	5	5	4
20°	6	6	6	6	5	5	5	5	5	5	4
18.75°	6	6	6	6	5	5	5	5	5	5	5
17.5°	6	6	6	6	5	5	5	5	5	5	5
16.25°	6	6	6	6	6	5	5	5	5	5	5
15°	7	6	6	6	6	5	5	5	5	5	5
13.75°	7	6	6	6	6	5	5	5	5	5	5
12.5°	7	6	6	6	6	5	5	5	5	5	5
11.25°	7	6	6	6	6	5	5	5	5	5	5
10°	7	6	6	6	6	5	5	5	5	5	5
8.75°	7	6	6	6	6	6	5	5	5	5	5
7.5°	7	7	6	6	6	6	5	5	5	5	5
6.25°	7	7	6	6	6	6	5	5	5	5	5
5°	7	7	6	6	6	6	5	5	5	5	5
3.75°	7	7	6	6	6	6	5	5	5	5	5
2.5°	7	7	6	6	6	6	5	5	5	5	5
1.25°	7	7	6	6	6	6	5	5	5	5	5
0°	7	7	6	6	6	6	5	5	5	5	5
-1.25°	7	7	6	6	6	6	5	5	5	5	5
-2.5°	7	7	6	6	6	6	5	5	5	5	5
-3.75°	7	7	6	6	6	6	5	5	5	5	5
-5°	7	7	6	6	6	6	5	5	5	5	5
-6.25°	7	7	6	6	6	6	5	5	5	5	5
-7.5°	7	7	6	6	6	6	5	5	5	5	5
-8.75°	7	6	6	6	6	6	5	5	5	5	5
-10°	7	6	6	6	6	5	5	5	5	5	5
-11.25°	7	6	6	6	6	5	5	5	5	5	5
-12.5°	7	6	6	6	6	5	5	5	5	5	5
-13.75°	7	6	6	6	6	5	5	5	5	5	5
-15°	7	6	6	6	6	5	5	5	5	5	5
-16.25°	6	6	6	6	6	5	5	5	5	5	5
-17.5°	6	6	6	6	5	5	5	5	5	5	5
-18.75°	6	6	6	6	5	5	5	5	5	5	5
-20°	6	6	6	6	5	5	5	5	5	5	4
-21.25°	6	6	6	5	5	5	5	5	5	5	4



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	6	6	6	5	5	5	5	5	5	5	4
-23.75°	6	6	6	5	5	5	5	5	5	5	4
-25°	6	6	5	5	5	5	5	5	5	4	4
-26.25°	6	6	5	5	5	5	5	5	5	4	4
-27.5°	6	6	5	5	5	5	5	5	5	4	4
-28.75°	6	5	5	5	5	5	5	5	4	4	4
-30°	6	5	5	5	5	5	5	5	4	4	4
-31.25°	5	5	5	5	5	5	5	5	4	4	4
-32.5°	5	5	5	5	5	5	5	4	4	4	4
-33.75°	5	5	5	5	5	5	5	4	4	4	4
-35°	5	5	5	5	5	5	4	4	4	4	4
-36.25°	5	5	5	5	5	5	4	4	4	4	4
-37.5°	5	5	5	5	5	4	4	4	4	4	3
-38.75°	5	5	5	5	5	4	4	4	4	4	3
-40°	5	5	5	5	4	4	4	4	4	4	3
-41.25°	5	5	5	4	4	4	4	4	4	3	3
-42.5°	5	5	5	4	4	4	4	4	3	3	3
-43.75°	5	5	4	4	4	4	4	4	3	3	3
-45°	5	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	4	3	3	3	3	3
-48.75°	4	4	4	4	4	3	3	3	3	3	3
-50°	4	4	4	4	3	3	3	3	3	3	3
-51.25°	4	4	4	3	3	3	3	3	3	3	2
-52.5°	4	4	3	3	3	3	3	3	3	2	2
-53.75°	4	3	3	3	3	3	3	3	3	2	2
-55°	3	3	3	3	3	3	3	3	2	2	2
-56.25°	3	3	3	3	3	3	3	2	2	2	2
-57.5°	3	3	3	3	3	3	2	2	2	2	2
-58.75°	3	3	3	3	2	2	2	2	2	2	2
-60°	3	3	3	2	2	2	2	2	2	2	2
-61.25°	3	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	1
-63.75°	2	2	2	2	2	2	2	2	2	1	1
-65°	2	2	2	2	2	2	2	1	1	1	1
-66.25°	2	2	2	2	2	2	1	1	1	1	1
-67.5°	2	2	2	2	1	1	1	1	1	1	1
-68.75°	2	2	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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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	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	0
-83.75°	1	1	1	1	1	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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	1	1	1	0	0	0	0	0	0	0	0
80°	1	1	1	1	1	1	0	0	0	0	0
78.75°	1	1	1	1	1	1	1	1	0	0	0
77.5°	1	1	1	1	1	1	1	1	1	0	0
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	1	1	1	1	1	1	1	1	1	1
58.75°	2	2	1	1	1	1	1	1	1	1	1
57.5°	2	2	2	1	1	1	1	1	1	1	1
56.25°	2	2	2	1	1	1	1	1	1	1	1
55°	2	2	2	2	1	1	1	1	1	1	1
53.75°	2	2	2	2	2	1	1	1	1	1	1
52.5°	2	2	2	2	2	1	1	1	1	1	1
51.25°	2	2	2	2	2	2	1	1	1	1	1
50°	2	2	2	2	2	2	1	1	1	1	1
48.75°	2	2	2	2	2	2	2	1	1	1	1
47.5°	3	2	2	2	2	2	2	1	1	1	1
46.25°	3	3	2	2	2	2	2	2	1	1	1
45°	3	3	2	2	2	2	2	2	1	1	1
43.75°	3	3	3	2	2	2	2	2	1	1	1
42.5°	3	3	3	2	2	2	2	2	2	1	1
41.25°	3	3	3	3	2	2	2	2	2	1	1
40°	3	3	3	3	2	2	2	2	2	1	1
38.75°	3	3	3	3	2	2	2	2	2	1	1
37.5°	3	3	3	3	3	2	2	2	2	2	1
36.25°	3	3	3	3	3	2	2	2	2	2	1
35°	3	3	3	3	3	2	2	2	2	2	1



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	4	3	3	3	3	3	2	2	2	2	1
32.5°	4	3	3	3	3	3	2	2	2	2	2
31.25°	4	3	3	3	3	3	2	2	2	2	2
30°	4	4	3	3	3	3	2	2	2	2	2
28.75°	4	4	3	3	3	3	3	2	2	2	2
27.5°	4	4	3	3	3	3	3	2	2	2	2
26.25°	4	4	3	3	3	3	3	2	2	2	2
25°	4	4	4	3	3	3	3	2	2	2	2
23.75°	4	4	4	3	3	3	3	2	2	2	2
22.5°	4	4	4	3	3	3	3	2	2	2	2
21.25°	4	4	4	3	3	3	3	3	2	2	2
20°	4	4	4	3	3	3	3	3	2	2	2
18.75°	4	4	4	4	3	3	3	3	2	2	2
17.5°	4	4	4	4	3	3	3	3	2	2	2
16.25°	4	4	4	4	3	3	3	3	2	2	2
15°	4	4	4	4	3	3	3	3	2	2	2
13.75°	4	4	4	4	3	3	3	3	2	2	2
12.5°	4	4	4	4	3	3	3	3	2	2	2
11.25°	4	4	4	4	3	3	3	3	2	2	2
10°	5	4	4	4	3	3	3	3	2	2	2
8.75°	5	4	4	4	4	3	3	3	3	2	2
7.5°	5	4	4	4	4	3	3	3	3	2	2
6.25°	5	4	4	4	4	3	3	3	3	2	2
5°	5	4	4	4	4	3	3	3	3	2	2
3.75°	5	4	4	4	4	3	3	3	3	2	2
2.5°	5	4	4	4	4	3	3	3	3	2	2
1.25°	5	4	4	4	4	3	3	3	3	2	2
0°	5	4	4	4	4	3	3	3	3	2	2
-1.25°	5	4	4	4	4	3	3	3	3	2	2
-2.5°	5	4	4	4	4	3	3	3	3	2	2
-3.75°	5	4	4	4	4	3	3	3	3	2	2
-5°	5	4	4	4	4	3	3	3	3	2	2
-6.25°	5	4	4	4	4	3	3	3	3	2	2
-7.5°	5	4	4	4	4	3	3	3	3	2	2
-8.75°	5	4	4	4	4	3	3	3	3	2	2
-10°	5	4	4	4	3	3	3	3	2	2	2
-11.25°	4	4	4	4	3	3	3	3	2	2	2
-12.5°	4	4	4	4	3	3	3	3	2	2	2
-13.75°	4	4	4	4	3	3	3	3	2	2	2
-15°	4	4	4	4	3	3	3	3	2	2	2
-16.25°	4	4	4	4	3	3	3	3	2	2	2
-17.5°	4	4	4	4	3	3	3	3	2	2	2
-18.75°	4	4	4	4	3	3	3	3	2	2	2
-20°	4	4	4	3	3	3	3	3	2	2	2
-21.25°	4	4	4	3	3	3	3	3	2	2	2



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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	2	2	2
-23.75°	4	4	4	3	3	3	3	2	2	2	2
-25°	4	4	4	3	3	3	3	2	2	2	2
-26.25°	4	4	3	3	3	3	3	2	2	2	2
-27.5°	4	4	3	3	3	3	3	2	2	2	2
-28.75°	4	4	3	3	3	3	3	2	2	2	2
-30°	4	4	3	3	3	3	2	2	2	2	2
-31.25°	4	3	3	3	3	3	2	2	2	2	2
-32.5°	4	3	3	3	3	3	2	2	2	2	2
-33.75°	4	3	3	3	3	3	2	2	2	2	1
-35°	3	3	3	3	3	2	2	2	2	2	1
-36.25°	3	3	3	3	3	2	2	2	2	2	1
-37.5°	3	3	3	3	3	2	2	2	2	2	1
-38.75°	3	3	3	3	2	2	2	2	2	1	1
-40°	3	3	3	3	2	2	2	2	2	1	1
-41.25°	3	3	3	3	2	2	2	2	2	1	1
-42.5°	3	3	3	2	2	2	2	2	2	1	1
-43.75°	3	3	3	2	2	2	2	2	1	1	1
-45°	3	3	2	2	2	2	2	2	1	1	1
-46.25°	3	3	2	2	2	2	2	2	1	1	1
-47.5°	3	2	2	2	2	2	2	1	1	1	1
-48.75°	2	2	2	2	2	2	2	1	1	1	1
-50°	2	2	2	2	2	2	1	1	1	1	1
-51.25°	2	2	2	2	2	2	1	1	1	1	1
-52.5°	2	2	2	2	2	1	1	1	1	1	1
-53.75°	2	2	2	2	2	1	1	1	1	1	1
-55°	2	2	2	2	1	1	1	1	1	1	1
-56.25°	2	2	2	1	1	1	1	1	1	1	1
-57.5°	2	2	2	1	1	1	1	1	1	1	1
-58.75°	2	2	1	1	1	1	1	1	1	1	1
-60°	2	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	0	0



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	1	1	1	1	1	1	1	1	0	0	0
-80°	1	1	1	1	1	1	0	0	0	0	0
-81.25°	1	1	1	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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	1	0	0	0	0	0	0	0	0	0	0
73.75°	1	1	0	0	0	0	0	0	0	0	0
72.5°	1	1	0	0	0	0	0	0	0	0	0
71.25°	1	1	1	0	0	0	0	0	0	0	0
70°	1	1	1	1	0	0	0	0	0	0	0
68.75°	1	1	1	1	0	0	0	0	0	0	0
67.5°	1	1	1	1	1	0	0	0	0	0	0
66.25°	1	1	1	1	1	0	0	0	0	0	0
65°	1	1	1	1	1	0	0	0	0	0	0
63.75°	1	1	1	1	1	1	0	0	0	0	0
62.5°	1	1	1	1	1	1	0	0	0	0	0
61.25°	1	1	1	1	1	1	0	0	0	0	0
60°	1	1	1	1	1	1	0	0	0	0	0
58.75°	1	1	1	1	1	1	1	0	0	0	0
57.5°	1	1	1	1	1	1	1	0	0	0	0
56.25°	1	1	1	1	1	1	1	0	0	0	0
55°	1	1	1	1	1	1	1	0	0	0	0
53.75°	1	1	1	1	1	1	1	0	0	0	0
52.5°	1	1	1	1	1	1	1	1	0	0	0
51.25°	1	1	1	1	1	1	1	1	0	0	0
50°	1	1	1	1	1	1	1	1	0	0	0
48.75°	1	1	1	1	1	1	1	1	0	0	0
47.5°	1	1	1	1	1	1	1	1	0	0	0
46.25°	1	1	1	1	1	1	1	1	0	0	0
45°	1	1	1	1	1	1	1	1	0	0	0
43.75°	1	1	1	1	1	1	1	1	0	0	0
42.5°	1	1	1	1	1	1	1	1	0	0	0
41.25°	1	1	1	1	1	1	1	1	1	0	0
40°	1	1	1	1	1	1	1	1	1	0	0
38.75°	1	1	1	1	1	1	1	1	1	0	0
37.5°	1	1	1	1	1	1	1	1	1	0	0
36.25°	1	1	1	1	1	1	1	1	1	0	0
35°	1	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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	1	1	1	0	0
32.5°	1	1	1	1	1	1	1	1	1	0	0
31.25°	1	1	1	1	1	1	1	1	1	0	0
30°	1	1	1	1	1	1	1	1	1	0	0
28.75°	1	1	1	1	1	1	1	1	1	0	0
27.5°	1	1	1	1	1	1	1	1	1	0	0
26.25°	1	1	1	1	1	1	1	1	1	0	0
25°	1	1	1	1	1	1	1	1	1	0	0
23.75°	2	1	1	1	1	1	1	1	1	0	0
22.5°	2	1	1	1	1	1	1	1	1	0	0
21.25°	2	1	1	1	1	1	1	1	1	0	0
20°	2	1	1	1	1	1	1	1	1	0	0
18.75°	2	1	1	1	1	1	1	1	1	0	0
17.5°	2	1	1	1	1	1	1	1	1	0	0
16.25°	2	1	1	1	1	1	1	1	1	0	0
15°	2	1	1	1	1	1	1	1	1	0	0
13.75°	2	1	1	1	1	1	1	1	1	0	0
12.5°	2	1	1	1	1	1	1	1	1	0	0
11.25°	2	1	1	1	1	1	1	1	1	0	0
10°	2	1	1	1	1	1	1	1	1	0	0
8.75°	2	1	1	1	1	1	1	1	1	0	0
7.5°	2	1	1	1	1	1	1	1	1	0	0
6.25°	2	2	1	1	1	1	1	1	1	0	0
5°	2	2	1	1	1	1	1	1	1	0	0
3.75°	2	2	1	1	1	1	1	1	1	0	0
2.5°	2	2	1	1	1	1	1	1	1	0	0
1.25°	2	2	1	1	1	1	1	1	1	0	0
0°	2	2	1	1	1	1	1	1	1	1	0
-1.25°	2	2	1	1	1	1	1	1	1	0	0
-2.5°	2	2	1	1	1	1	1	1	1	0	0
-3.75°	2	2	1	1	1	1	1	1	1	0	0
-5°	2	2	1	1	1	1	1	1	1	0	0
-6.25°	2	2	1	1	1	1	1	1	1	0	0
-7.5°	2	1	1	1	1	1	1	1	1	0	0
-8.75°	2	1	1	1	1	1	1	1	1	0	0
-10°	2	1	1	1	1	1	1	1	1	0	0
-11.25°	2	1	1	1	1	1	1	1	1	0	0
-12.5°	2	1	1	1	1	1	1	1	1	0	0
-13.75°	2	1	1	1	1	1	1	1	1	0	0
-15°	2	1	1	1	1	1	1	1	1	0	0
-16.25°	2	1	1	1	1	1	1	1	1	0	0
-17.5°	2	1	1	1	1	1	1	1	1	0	0
-18.75°	2	1	1	1	1	1	1	1	1	0	0
-20°	2	1	1	1	1	1	1	1	1	0	0
-21.25°	2	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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°	2	1	1	1	1	1	1	1	1	0	0
-23.75°	2	1	1	1	1	1	1	1	1	0	0
-25°	1	1	1	1	1	1	1	1	1	0	0
-26.25°	1	1	1	1	1	1	1	1	1	0	0
-27.5°	1	1	1	1	1	1	1	1	1	0	0
-28.75°	1	1	1	1	1	1	1	1	1	0	0
-30°	1	1	1	1	1	1	1	1	1	0	0
-31.25°	1	1	1	1	1	1	1	1	1	0	0
-32.5°	1	1	1	1	1	1	1	1	1	0	0
-33.75°	1	1	1	1	1	1	1	1	1	0	0
-35°	1	1	1	1	1	1	1	1	1	0	0
-36.25°	1	1	1	1	1	1	1	1	1	0	0
-37.5°	1	1	1	1	1	1	1	1	1	0	0
-38.75°	1	1	1	1	1	1	1	1	1	0	0
-40°	1	1	1	1	1	1	1	1	1	0	0
-41.25°	1	1	1	1	1	1	1	1	1	0	0
-42.5°	1	1	1	1	1	1	1	1	0	0	0
-43.75°	1	1	1	1	1	1	1	1	0	0	0
-45°	1	1	1	1	1	1	1	1	0	0	0
-46.25°	1	1	1	1	1	1	1	1	0	0	0
-47.5°	1	1	1	1	1	1	1	1	0	0	0
-48.75°	1	1	1	1	1	1	1	1	0	0	0
-50°	1	1	1	1	1	1	1	1	0	0	0
-51.25°	1	1	1	1	1	1	1	1	0	0	0
-52.5°	1	1	1	1	1	1	1	1	0	0	0
-53.75°	1	1	1	1	1	1	1	0	0	0	0
-55°	1	1	1	1	1	1	1	0	0	0	0
-56.25°	1	1	1	1	1	1	1	0	0	0	0
-57.5°	1	1	1	1	1	1	1	0	0	0	0
-58.75°	1	1	1	1	1	1	1	0	0	0	0
-60°	1	1	1	1	1	1	0	0	0	0	0
-61.25°	1	1	1	1	1	1	0	0	0	0	0
-62.5°	1	1	1	1	1	1	0	0	0	0	0
-63.75°	1	1	1	1	1	1	0	0	0	0	0
-65°	1	1	1	1	1	0	0	0	0	0	0
-66.25°	1	1	1	1	1	0	0	0	0	0	0
-67.5°	1	1	1	1	1	0	0	0	0	0	0
-68.75°	1	1	1	1	0	0	0	0	0	0	0
-70°	1	1	1	1	0	0	0	0	0	0	0
-71.25°	1	1	1	0	0	0	0	0	0	0	0
-72.5°	1	1	0	0	0	0	0	0	0	0	0
-73.75°	1	1	0	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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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: P220653 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-S-BK-L2-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)