

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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29477)
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-M-BK-L1-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, MEDIUM
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 5000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

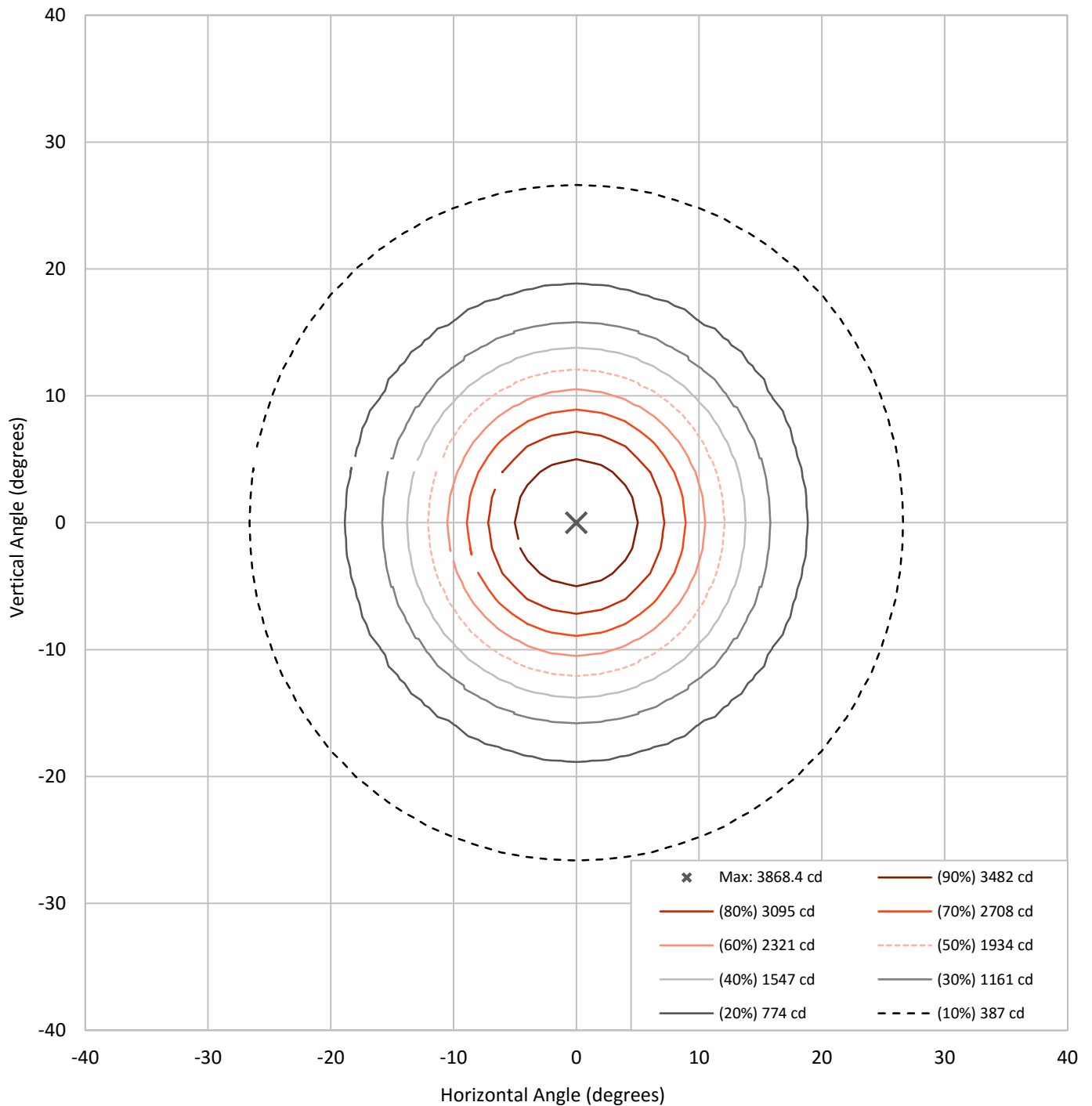
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	913.6 lumens	Max Intensity:	3868.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	93.2 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	24.2°H x 24.2°V	Field Angle (10%):	53.3°H x 53.3°V
Beam Lumens:	399.4 lumens	Field Lumens:	816 lumens
Beam Efficiency:	43.7%	Field Efficiency:	89.3%
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-M-BK-L1-UNV

Iso-Candela Plot





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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L1-UNV

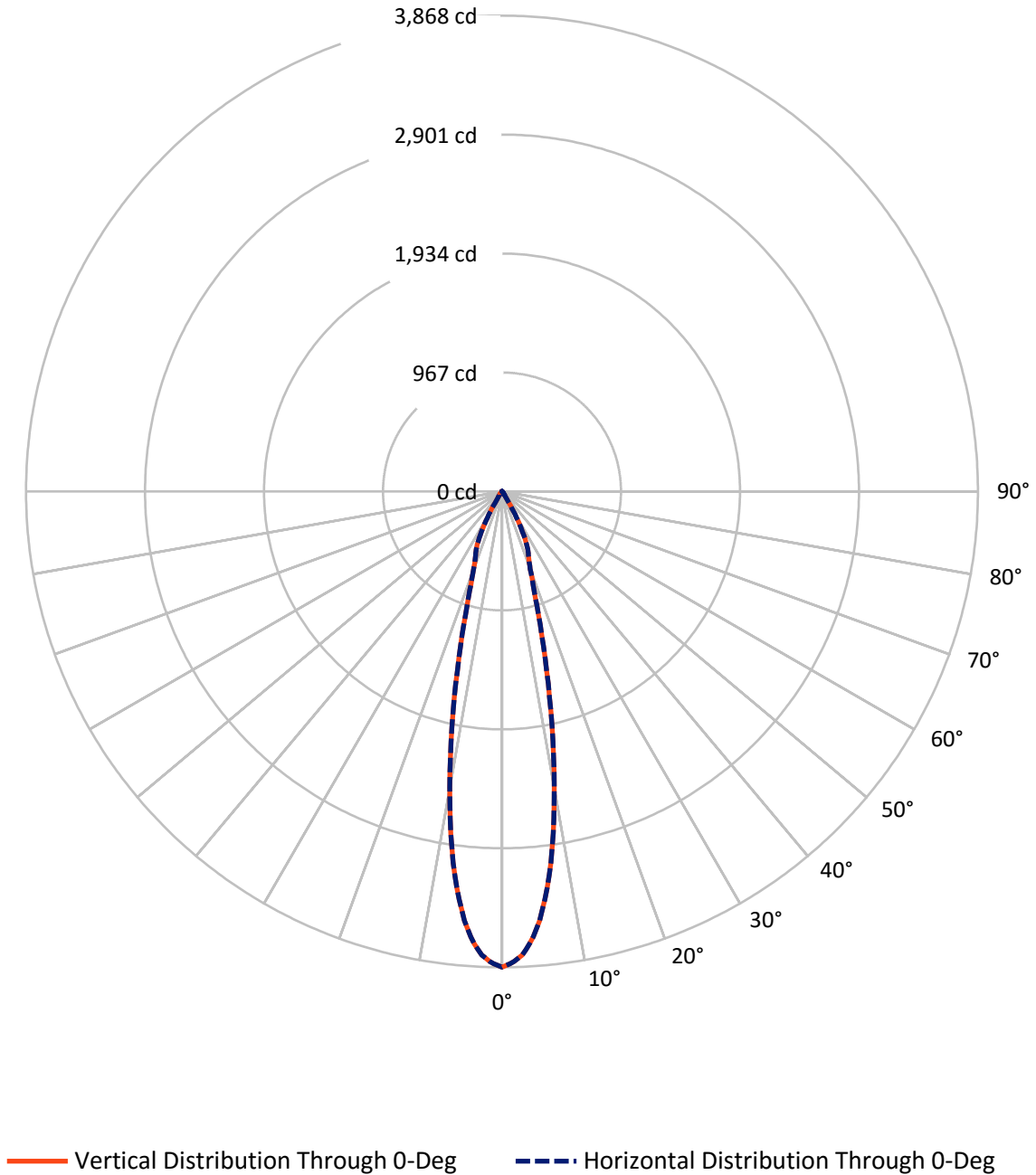
Lumen Table

90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
70	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
60		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		
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	0.0
40		0.0	0.0	0.1	0.1	0.3	0.8	1.5	1.5	0.8	0.3	0.1	0.1	0.0	0.0	
30	0.0	0.0	0.1	0.1	0.3	1.6	7.5	12.7	12.7	7.5	1.6	0.3	0.1	0.1	0.0	0.0
20		0.0	0.1	0.1	0.7	7.0	19.3	36.7	36.7	19.3	7.0	0.7	0.1	0.1	0.0	
10	0.0	0.0	0.1	0.2	1.3	11.7	35.7	88.6	88.6	35.7	11.7	1.3	0.2	0.1	0.0	0.0
0		0.0	0.1	0.2	1.3	11.7	35.7	88.6	88.6	35.7	11.7	1.3	0.2	0.1	0.0	
-10	0.0	0.0	0.1	0.1	0.7	7.0	19.3	36.7	36.7	19.3	7.0	0.7	0.1	0.1	0.0	0.0
-20		0.0	0.1	0.1	0.3	1.6	7.5	12.7	12.7	7.5	1.6	0.3	0.1	0.1	0.0	
-30	0.0	0.0	0.0	0.1	0.1	0.3	0.8	1.5	1.5	0.8	0.3	0.1	0.1	0.0	0.0	0.0
-40		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	
-50	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
-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	
-70	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
-80		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	
-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	0.0	0.0	0.0

REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)

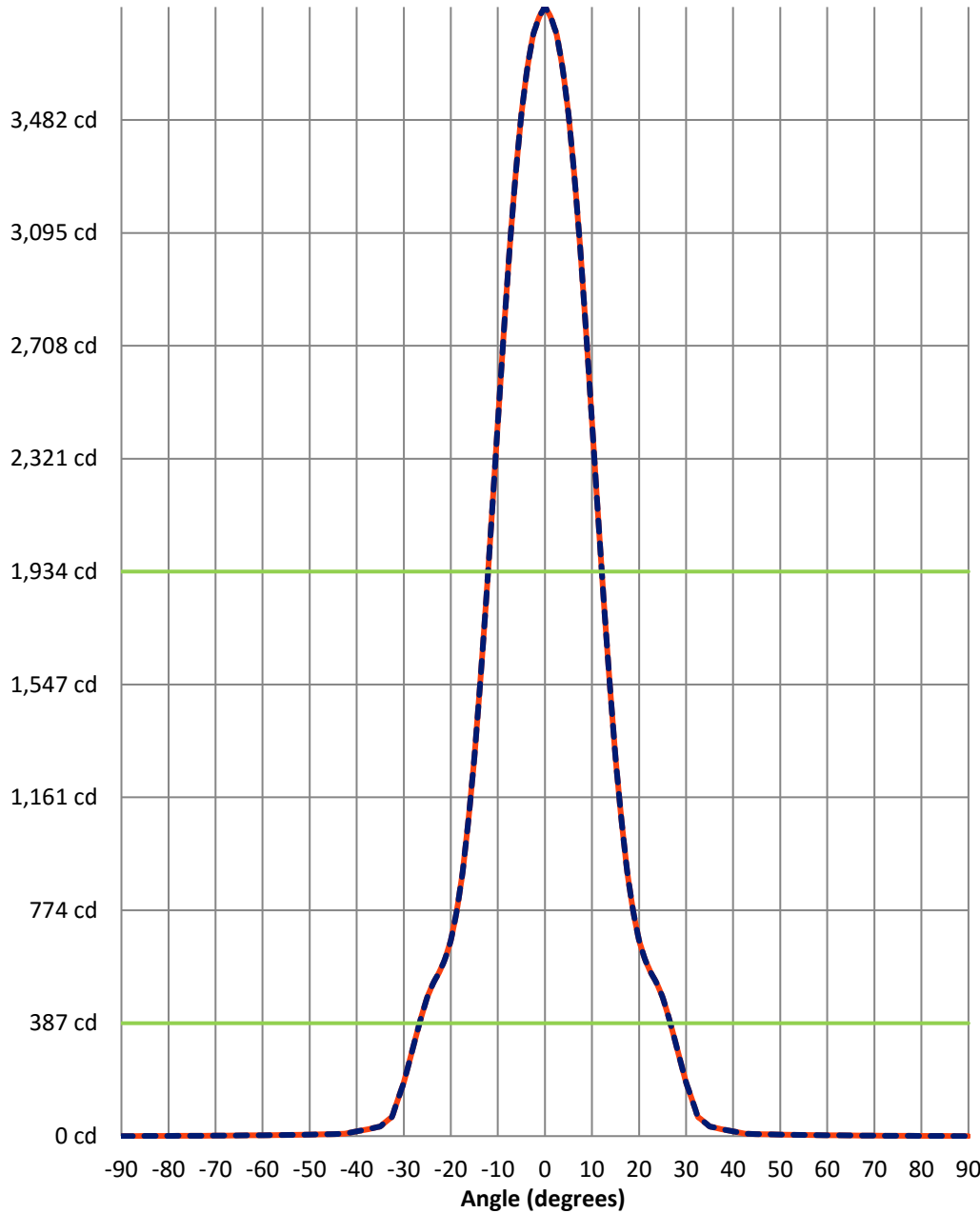
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L1-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 24.2°
 V Angle: 24.2°
 Lumens: 399.4
 Efficiency: 43.7%

Field:
 H Angle: 53.3°
 V Angle: 53.3°
 Lumens: 816
 Efficiency: 89.3%

Spill:
 Lumens: 97.5
 Efficiency: 10.7%

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



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



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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	1	1	1	1	1	1
32.5°	0	0	0	0	0	1	1	1	1	1	1
31.25°	0	0	0	0	0	1	1	1	1	1	1
30°	0	0	0	0	0	1	1	1	1	1	1
28.75°	0	0	0	0	0	1	1	1	1	1	1
27.5°	0	0	0	0	0	1	1	1	1	1	1
26.25°	0	0	0	0	0	1	1	1	1	1	1
25°	0	0	0	0	0	1	1	1	1	1	1
23.75°	0	0	0	0	0	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	0	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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	1	1	1	1	1	1	1
-23.75°	0	0	0	0	0	1	1	1	1	1	1
-25°	0	0	0	0	0	1	1	1	1	1	1
-26.25°	0	0	0	0	0	1	1	1	1	1	1
-27.5°	0	0	0	0	0	1	1	1	1	1	1
-28.75°	0	0	0	0	0	1	1	1	1	1	1
-30°	0	0	0	0	0	1	1	1	1	1	1
-31.25°	0	0	0	0	0	1	1	1	1	1	1
-32.5°	0	0	0	0	0	1	1	1	1	1	1
-33.75°	0	0	0	0	0	1	1	1	1	1	1
-35°	0	0	0	0	0	1	1	1	1	1	1
-36.25°	0	0	0	0	0	1	1	1	1	1	1
-37.5°	0	0	0	0	0	1	1	1	1	1	1
-38.75°	0	0	0	0	0	1	1	1	1	1	1
-40°	0	0	0	0	0	1	1	1	1	1	1
-41.25°	0	0	0	0	0	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	0	1	1	1	1	1
-45°	0	0	0	0	0	0	1	1	1	1	1
-46.25°	0	0	0	0	0	0	1	1	1	1	1
-47.5°	0	0	0	0	0	0	1	1	1	1	1
-48.75°	0	0	0	0	0	0	1	1	1	1	1
-50°	0	0	0	0	0	0	1	1	1	1	1
-51.25°	0	0	0	0	0	0	1	1	1	1	1
-52.5°	0	0	0	0	0	0	0	1	1	1	1
-53.75°	0	0	0	0	0	0	0	1	1	1	1
-55°	0	0	0	0	0	0	0	1	1	1	1
-56.25°	0	0	0	0	0	0	0	1	1	1	1
-57.5°	0	0	0	0	0	0	0	1	1	1	1
-58.75°	0	0	0	0	0	0	0	0	1	1	1
-60°	0	0	0	0	0	0	0	0	1	1	1
-61.25°	0	0	0	0	0	0	0	0	1	1	1
-62.5°	0	0	0	0	0	0	0	0	1	1	1
-63.75°	0	0	0	0	0	0	0	0	0	1	1
-65°	0	0	0	0	0	0	0	0	0	1	1
-66.25°	0	0	0	0	0	0	0	0	0	0	1
-67.5°	0	0	0	0	0	0	0	0	0	0	1
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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	1	1
77.5°	0	0	0	0	0	0	0	1	1	1	1
76.25°	0	0	0	0	0	1	1	1	1	1	1
75°	0	0	0	0	1	1	1	1	1	1	1
73.75°	0	0	0	1	1	1	1	1	1	1	1
72.5°	0	0	1	1	1	1	1	1	1	1	1
71.25°	0	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	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	2
40°	1	1	1	1	1	1	1	1	1	1	2
38.75°	1	1	1	1	1	1	1	1	1	2	2
37.5°	1	1	1	1	1	1	1	1	1	2	2
36.25°	1	1	1	1	1	1	1	1	1	2	2
35°	1	1	1	1	1	1	1	1	2	2	2



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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	2	2	2
32.5°	1	1	1	1	1	1	1	1	2	2	2
31.25°	1	1	1	1	1	1	1	1	2	2	2
30°	1	1	1	1	1	1	1	2	2	2	2
28.75°	1	1	1	1	1	1	1	2	2	2	2
27.5°	1	1	1	1	1	1	1	2	2	2	2
26.25°	1	1	1	1	1	1	1	2	2	2	2
25°	1	1	1	1	1	1	2	2	2	2	2
23.75°	1	1	1	1	1	1	2	2	2	2	2
22.5°	1	1	1	1	1	1	2	2	2	2	2
21.25°	1	1	1	1	1	1	2	2	2	2	2
20°	1	1	1	1	1	1	2	2	2	2	2
18.75°	1	1	1	1	1	1	2	2	2	2	2
17.5°	1	1	1	1	1	1	2	2	2	2	2
16.25°	1	1	1	1	1	2	2	2	2	2	2
15°	1	1	1	1	1	2	2	2	2	2	2
13.75°	1	1	1	1	1	2	2	2	2	2	2
12.5°	1	1	1	1	1	2	2	2	2	2	2
11.25°	1	1	1	1	1	2	2	2	2	2	2
10°	1	1	1	1	1	2	2	2	2	2	2
8.75°	1	1	1	1	1	2	2	2	2	2	2
7.5°	1	1	1	1	1	2	2	2	2	2	3
6.25°	1	1	1	1	1	2	2	2	2	2	3
5°	1	1	1	1	1	2	2	2	2	2	3
3.75°	1	1	1	1	1	2	2	2	2	2	3
2.5°	1	1	1	1	1	2	2	2	2	2	3
1.25°	1	1	1	1	1	2	2	2	2	2	3
0°	1	1	1	1	1	2	2	2	2	2	3
-1.25°	1	1	1	1	1	2	2	2	2	2	3
-2.5°	1	1	1	1	1	2	2	2	2	2	3
-3.75°	1	1	1	1	1	2	2	2	2	2	3
-5°	1	1	1	1	1	2	2	2	2	2	3
-6.25°	1	1	1	1	1	2	2	2	2	2	3
-7.5°	1	1	1	1	1	2	2	2	2	2	3
-8.75°	1	1	1	1	1	2	2	2	2	2	2
-10°	1	1	1	1	1	2	2	2	2	2	2
-11.25°	1	1	1	1	1	2	2	2	2	2	2
-12.5°	1	1	1	1	1	2	2	2	2	2	2
-13.75°	1	1	1	1	1	2	2	2	2	2	2
-15°	1	1	1	1	1	2	2	2	2	2	2
-16.25°	1	1	1	1	1	2	2	2	2	2	2
-17.5°	1	1	1	1	1	1	2	2	2	2	2
-18.75°	1	1	1	1	1	1	2	2	2	2	2
-20°	1	1	1	1	1	1	2	2	2	2	2
-21.25°	1	1	1	1	1	1	2	2	2	2	2



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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	2	2	2	2	2
-23.75°	1	1	1	1	1	1	2	2	2	2	2
-25°	1	1	1	1	1	1	2	2	2	2	2
-26.25°	1	1	1	1	1	1	1	2	2	2	2
-27.5°	1	1	1	1	1	1	1	2	2	2	2
-28.75°	1	1	1	1	1	1	1	2	2	2	2
-30°	1	1	1	1	1	1	1	2	2	2	2
-31.25°	1	1	1	1	1	1	1	1	2	2	2
-32.5°	1	1	1	1	1	1	1	1	2	2	2
-33.75°	1	1	1	1	1	1	1	1	2	2	2
-35°	1	1	1	1	1	1	1	1	2	2	2
-36.25°	1	1	1	1	1	1	1	1	1	2	2
-37.5°	1	1	1	1	1	1	1	1	1	2	2
-38.75°	1	1	1	1	1	1	1	1	1	2	2
-40°	1	1	1	1	1	1	1	1	1	1	2
-41.25°	1	1	1	1	1	1	1	1	1	1	2
-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	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°	0	1	1	1	1	1	1	1	1	1	1
-72.5°	0	0	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	1	1	1	1	1	1	1	1
-75°	0	0	0	0	1	1	1	1	1	1	1
-76.25°	0	0	0	0	0	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	0	1	1	1	1



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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	1	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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	1	1
81.25°	0	0	0	0	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	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	2
57.5°	1	1	1	1	1	1	1	1	1	2	2
56.25°	1	1	1	1	1	1	1	2	2	2	2
55°	1	1	1	1	1	1	2	2	2	2	2
53.75°	1	1	1	1	1	2	2	2	2	2	2
52.5°	1	1	1	1	1	2	2	2	2	2	2
51.25°	1	1	1	1	2	2	2	2	2	2	2
50°	1	1	1	2	2	2	2	2	2	2	2
48.75°	1	1	2	2	2	2	2	2	2	2	2
47.5°	1	1	2	2	2	2	2	2	2	2	2
46.25°	1	2	2	2	2	2	2	2	2	2	3
45°	1	2	2	2	2	2	2	2	2	3	3
43.75°	2	2	2	2	2	2	2	2	3	3	3
42.5°	2	2	2	2	2	2	2	2	3	3	3
41.25°	2	2	2	2	2	2	2	3	3	3	3
40°	2	2	2	2	2	2	3	3	3	3	3
38.75°	2	2	2	2	2	2	3	3	3	3	3
37.5°	2	2	2	2	2	3	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	2	2	2	2	3	3	3	3	3	3	3
32.5°	2	2	2	2	3	3	3	3	3	3	3
31.25°	2	2	2	3	3	3	3	3	3	3	4
30°	2	2	2	3	3	3	3	3	3	3	4
28.75°	2	2	2	3	3	3	3	3	3	4	4
27.5°	2	2	3	3	3	3	3	3	3	4	4
26.25°	2	2	3	3	3	3	3	3	4	4	4
25°	2	2	3	3	3	3	3	3	4	4	4
23.75°	2	3	3	3	3	3	3	3	4	4	4
22.5°	2	3	3	3	3	3	3	4	4	4	4
21.25°	2	3	3	3	3	3	3	4	4	4	4
20°	2	3	3	3	3	3	3	4	4	4	4
18.75°	2	3	3	3	3	3	3	4	4	4	4
17.5°	3	3	3	3	3	3	4	4	4	4	5
16.25°	3	3	3	3	3	3	4	4	4	4	5
15°	3	3	3	3	3	3	4	4	4	4	5
13.75°	3	3	3	3	3	3	4	4	4	4	5
12.5°	3	3	3	3	3	3	4	4	4	5	5
11.25°	3	3	3	3	3	4	4	4	4	5	5
10°	3	3	3	3	3	4	4	4	4	5	5
8.75°	3	3	3	3	3	4	4	4	4	5	5
7.5°	3	3	3	3	3	4	4	4	4	5	5
6.25°	3	3	3	3	3	4	4	4	4	5	5
5°	3	3	3	3	3	4	4	4	4	5	5
3.75°	3	3	3	3	3	4	4	4	4	5	5
2.5°	3	3	3	3	3	4	4	4	4	5	5
1.25°	3	3	3	3	3	4	4	4	4	5	5
0°	3	3	3	3	3	4	4	4	5	5	5
-1.25°	3	3	3	3	3	4	4	4	4	5	5
-2.5°	3	3	3	3	3	4	4	4	4	5	5
-3.75°	3	3	3	3	3	4	4	4	4	5	5
-5°	3	3	3	3	3	4	4	4	4	5	5
-6.25°	3	3	3	3	3	4	4	4	4	5	5
-7.5°	3	3	3	3	3	4	4	4	4	5	5
-8.75°	3	3	3	3	3	4	4	4	4	5	5
-10°	3	3	3	3	3	4	4	4	4	5	5
-11.25°	3	3	3	3	3	4	4	4	4	5	5
-12.5°	3	3	3	3	3	3	4	4	4	5	5
-13.75°	3	3	3	3	3	3	4	4	4	4	5
-15°	3	3	3	3	3	3	4	4	4	4	5
-16.25°	3	3	3	3	3	3	4	4	4	4	5
-17.5°	3	3	3	3	3	3	4	4	4	4	5
-18.75°	2	3	3	3	3	3	3	4	4	4	4
-20°	2	3	3	3	3	3	3	4	4	4	4
-21.25°	2	3	3	3	3	3	3	4	4	4	4



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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	3	3	3	3	3	3	4	4	4	4
-23.75°	2	3	3	3	3	3	3	3	4	4	4
-25°	2	2	3	3	3	3	3	3	4	4	4
-26.25°	2	2	3	3	3	3	3	3	4	4	4
-27.5°	2	2	3	3	3	3	3	3	3	4	4
-28.75°	2	2	2	3	3	3	3	3	3	4	4
-30°	2	2	2	3	3	3	3	3	3	3	4
-31.25°	2	2	2	3	3	3	3	3	3	3	4
-32.5°	2	2	2	2	3	3	3	3	3	3	3
-33.75°	2	2	2	2	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	3	3	3	3	3	3
-38.75°	2	2	2	2	2	2	3	3	3	3	3
-40°	2	2	2	2	2	2	3	3	3	3	3
-41.25°	2	2	2	2	2	2	2	3	3	3	3
-42.5°	2	2	2	2	2	2	2	2	3	3	3
-43.75°	2	2	2	2	2	2	2	2	3	3	3
-45°	1	2	2	2	2	2	2	2	2	3	3
-46.25°	1	2	2	2	2	2	2	2	2	2	3
-47.5°	1	1	2	2	2	2	2	2	2	2	2
-48.75°	1	1	2	2	2	2	2	2	2	2	2
-50°	1	1	1	2	2	2	2	2	2	2	2
-51.25°	1	1	1	1	2	2	2	2	2	2	2
-52.5°	1	1	1	1	1	2	2	2	2	2	2
-53.75°	1	1	1	1	1	2	2	2	2	2	2
-55°	1	1	1	1	1	1	2	2	2	2	2
-56.25°	1	1	1	1	1	1	1	2	2	2	2
-57.5°	1	1	1	1	1	1	1	1	1	2	2
-58.75°	1	1	1	1	1	1	1	1	1	1	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	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°	0	0	0	0	1	1	1	1	1	1	1
-82.5°	0	0	0	0	0	0	0	0	0	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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	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	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	2	2	2
63.75°	1	1	1	1	1	1	2	2	2	2	2
62.5°	1	1	1	1	2	2	2	2	2	2	2
61.25°	1	1	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	3	3
55°	2	2	2	2	2	2	2	3	3	3	3
53.75°	2	2	2	2	2	2	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	3
50°	2	2	3	3	3	3	3	3	3	3	3
48.75°	2	3	3	3	3	3	3	3	3	3	3
47.5°	3	3	3	3	3	3	3	3	3	3	4
46.25°	3	3	3	3	3	3	3	3	3	4	4
45°	3	3	3	3	3	3	3	3	4	4	4
43.75°	3	3	3	3	3	3	3	4	4	4	4
42.5°	3	3	3	3	3	3	4	4	4	4	4
41.25°	3	3	3	3	3	4	4	4	4	4	4
40°	3	3	3	3	4	4	4	4	4	4	5
38.75°	3	3	3	4	4	4	4	4	4	5	5
37.5°	3	3	4	4	4	4	4	4	5	5	5
36.25°	3	4	4	4	4	4	4	5	5	5	5
35°	3	4	4	4	4	4	5	5	5	5	6



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	4	4	4	4	4	5	5	5	5	6	6
32.5°	4	4	4	4	5	5	5	5	6	6	6
31.25°	4	4	4	4	5	5	5	6	6	6	6
30°	4	4	4	5	5	5	5	6	6	6	7
28.75°	4	4	4	5	5	5	6	6	6	7	7
27.5°	4	4	5	5	5	5	6	6	7	7	7
26.25°	4	4	5	5	5	6	6	6	7	7	8
25°	4	5	5	5	5	6	6	7	7	7	8
23.75°	4	5	5	5	6	6	6	7	7	8	9
22.5°	5	5	5	5	6	6	7	7	8	8	10
21.25°	5	5	5	6	6	6	7	7	8	9	12
20°	5	5	5	6	6	7	7	7	8	11	14
18.75°	5	5	5	6	6	7	7	8	9	12	16
17.5°	5	5	6	6	6	7	7	8	10	14	17
16.25°	5	5	6	6	7	7	8	8	11	15	18
15°	5	5	6	6	7	7	8	9	13	16	20
13.75°	5	6	6	6	7	7	8	10	14	18	21
12.5°	5	6	6	6	7	7	8	11	15	19	22
11.25°	5	6	6	7	7	8	8	12	16	20	23
10°	5	6	6	7	7	8	9	13	17	20	24
8.75°	5	6	6	7	7	8	10	14	18	21	25
7.5°	5	6	6	7	7	8	11	14	18	22	26
6.25°	6	6	6	7	7	8	11	15	19	22	27
5°	6	6	6	7	7	8	12	15	19	23	27
3.75°	6	6	6	7	8	8	12	16	20	23	28
2.5°	6	6	6	7	8	8	12	16	20	23	28
1.25°	6	6	6	7	8	8	12	16	20	24	28
0°	6	6	7	7	8	8	12	16	20	24	28
-1.25°	6	6	6	7	8	8	12	16	20	24	28
-2.5°	6	6	6	7	8	8	12	16	20	23	28
-3.75°	6	6	6	7	8	8	12	16	20	23	28
-5°	6	6	6	7	7	8	12	15	19	23	27
-6.25°	6	6	6	7	7	8	11	15	19	22	27
-7.5°	5	6	6	7	7	8	11	14	18	22	26
-8.75°	5	6	6	7	7	8	10	14	18	21	25
-10°	5	6	6	7	7	8	9	13	17	20	24
-11.25°	5	6	6	7	7	8	8	12	16	20	23
-12.5°	5	6	6	6	7	7	8	11	15	19	22
-13.75°	5	6	6	6	7	7	8	10	14	18	21
-15°	5	5	6	6	7	7	8	9	13	16	20
-16.25°	5	5	6	6	7	7	8	8	11	15	18
-17.5°	5	5	6	6	6	7	7	8	10	14	17
-18.75°	5	5	5	6	6	7	7	8	9	12	16
-20°	5	5	5	6	6	7	7	7	8	11	14
-21.25°	5	5	5	6	6	6	7	7	8	9	12



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	5	5	5	5	6	6	7	7	8	8	10
-23.75°	4	5	5	5	6	6	6	7	7	8	9
-25°	4	5	5	5	5	6	6	7	7	7	8
-26.25°	4	4	5	5	5	6	6	6	7	7	8
-27.5°	4	4	5	5	5	5	6	6	7	7	7
-28.75°	4	4	4	5	5	5	6	6	6	7	7
-30°	4	4	4	5	5	5	5	6	6	6	7
-31.25°	4	4	4	4	5	5	5	6	6	6	6
-32.5°	4	4	4	4	5	5	5	5	6	6	6
-33.75°	4	4	4	4	4	5	5	5	5	6	6
-35°	3	4	4	4	4	4	5	5	5	5	6
-36.25°	3	4	4	4	4	4	4	5	5	5	5
-37.5°	3	3	4	4	4	4	4	4	5	5	5
-38.75°	3	3	3	4	4	4	4	4	4	5	5
-40°	3	3	3	3	4	4	4	4	4	4	5
-41.25°	3	3	3	3	3	4	4	4	4	4	4
-42.5°	3	3	3	3	3	3	4	4	4	4	4
-43.75°	3	3	3	3	3	3	3	4	4	4	4
-45°	3	3	3	3	3	3	3	3	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	4
-48.75°	2	3	3	3	3	3	3	3	3	3	3
-50°	2	2	3	3	3	3	3	3	3	3	3
-51.25°	2	2	2	3	3	3	3	3	3	3	3
-52.5°	2	2	2	2	3	3	3	3	3	3	3
-53.75°	2	2	2	2	2	2	3	3	3	3	3
-55°	2	2	2	2	2	2	2	3	3	3	3
-56.25°	2	2	2	2	2	2	2	2	2	3	3
-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	2	2	2	2	2	2	2	2	2
-62.5°	1	1	1	1	2	2	2	2	2	2	2
-63.75°	1	1	1	1	1	1	2	2	2	2	2
-65°	1	1	1	1	1	1	1	1	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	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	1	1	1	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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	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	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	2	2	2
67.5°	1	1	1	1	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
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	3	3
60°	2	2	2	2	2	2	3	3	3	3	3
58.75°	2	2	2	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	4
52.5°	3	3	3	3	3	3	3	4	4	4	4
51.25°	3	3	3	3	3	4	4	4	4	4	4
50°	3	3	3	4	4	4	4	4	4	4	4
48.75°	3	4	4	4	4	4	4	4	4	4	5
47.5°	4	4	4	4	4	4	4	4	5	5	5
46.25°	4	4	4	4	4	4	5	5	5	5	5
45°	4	4	4	4	5	5	5	5	5	5	5
43.75°	4	4	5	5	5	5	5	5	5	6	6
42.5°	4	5	5	5	5	5	5	6	6	6	6
41.25°	5	5	5	5	5	6	6	6	6	6	7
40°	5	5	5	6	6	6	6	6	7	7	7
38.75°	5	5	6	6	6	6	7	7	7	7	8
37.5°	5	6	6	6	6	7	7	7	7	8	8
36.25°	6	6	6	6	7	7	7	8	8	9	10
35°	6	6	6	7	7	7	8	8	10	12	14



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	6	6	7	7	7	8	8	11	13	15	17
32.5°	6	7	7	8	8	9	11	14	16	18	20
31.25°	7	7	8	8	9	12	14	16	19	21	23
30°	7	7	8	9	12	14	17	19	21	24	26
28.75°	7	8	9	12	14	17	19	22	24	27	30
27.5°	8	8	11	14	17	19	22	24	28	30	34
26.25°	8	11	14	16	19	22	24	28	31	36	46
25°	10	13	16	19	21	24	28	31	36	47	58
23.75°	12	15	18	21	24	27	30	36	47	59	78
22.5°	14	17	20	23	26	30	34	46	58	78	118
21.25°	16	19	22	25	29	32	43	56	73	116	157
20°	17	20	23	27	31	39	53	66	108	152	198
18.75°	19	22	26	30	34	48	62	96	142	188	245
17.5°	20	24	28	32	42	56	79	127	175	232	291
16.25°	22	25	30	35	50	64	108	157	212	274	336
15°	23	27	32	42	57	84	135	186	249	314	377
13.75°	25	29	33	48	63	108	160	219	285	352	414
12.5°	26	30	39	54	77	130	183	251	319	386	446
11.25°	27	32	44	60	97	151	211	280	351	417	475
10°	29	33	49	64	115	170	236	307	378	442	496
8.75°	30	37	53	74	130	187	258	332	402	465	515
7.5°	31	40	56	88	144	206	279	353	423	483	527
6.25°	31	43	59	99	156	222	296	371	439	496	537
5°	32	46	62	108	166	235	310	385	452	507	545
3.75°	33	47	64	116	174	245	321	396	463	516	552
2.5°	33	49	65	121	179	253	330	404	470	521	556
1.25°	33	50	66	124	182	257	334	409	475	523	559
0°	33	50	67	125	184	259	336	410	476	524	560
-1.25°	33	50	66	124	182	257	334	409	475	523	559
-2.5°	33	49	65	121	179	253	330	404	470	521	556
-3.75°	33	47	64	116	174	245	321	396	463	516	552
-5°	32	46	62	108	166	235	310	385	452	507	545
-6.25°	31	43	59	99	156	222	296	371	439	496	537
-7.5°	31	40	56	88	144	206	279	353	423	483	527
-8.75°	30	37	53	74	130	187	258	332	402	465	515
-10°	29	33	49	64	115	170	236	307	378	442	496
-11.25°	27	32	44	60	97	151	211	280	351	417	475
-12.5°	26	30	39	54	77	130	183	251	319	386	446
-13.75°	25	29	33	48	63	108	160	219	285	352	414
-15°	23	27	32	42	57	84	135	186	249	314	377
-16.25°	22	25	30	35	50	64	108	157	212	274	336
-17.5°	20	24	28	32	42	56	79	127	175	232	291
-18.75°	19	22	26	30	34	48	62	96	142	188	245
-20°	17	20	23	27	31	39	53	66	108	152	198
-21.25°	16	19	22	25	29	32	43	56	73	116	157



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	14	17	20	23	26	30	34	46	58	78	118
-23.75°	12	15	18	21	24	27	30	36	47	59	78
-25°	10	13	16	19	21	24	28	31	36	47	58
-26.25°	8	11	14	16	19	22	24	28	31	36	46
-27.5°	8	8	11	14	17	19	22	24	28	30	34
-28.75°	7	8	9	12	14	17	19	22	24	27	30
-30°	7	7	8	9	12	14	17	19	21	24	26
-31.25°	7	7	8	8	9	12	14	16	19	21	23
-32.5°	6	7	7	8	8	9	11	14	16	18	20
-33.75°	6	6	7	7	7	8	8	11	13	15	17
-35°	6	6	6	7	7	7	8	8	10	12	14
-36.25°	6	6	6	6	7	7	7	8	8	9	10
-37.5°	5	6	6	6	6	7	7	7	7	8	8
-38.75°	5	5	6	6	6	6	7	7	7	7	8
-40°	5	5	5	6	6	6	6	6	7	7	7
-41.25°	5	5	5	5	5	6	6	6	6	6	7
-42.5°	4	5	5	5	5	5	5	6	6	6	6
-43.75°	4	4	5	5	5	5	5	5	5	6	6
-45°	4	4	4	4	5	5	5	5	5	5	5
-46.25°	4	4	4	4	4	4	5	5	5	5	5
-47.5°	4	4	4	4	4	4	4	4	5	5	5
-48.75°	3	4	4	4	4	4	4	4	4	4	5
-50°	3	3	3	4	4	4	4	4	4	4	4
-51.25°	3	3	3	3	3	4	4	4	4	4	4
-52.5°	3	3	3	3	3	3	3	4	4	4	4
-53.75°	3	3	3	3	3	3	3	3	3	3	4
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	2	2	2	3	3	3	3	3	3	3	3
-60°	2	2	2	2	2	2	3	3	3	3	3
-61.25°	2	2	2	2	2	2	2	2	2	3	3
-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°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	1	1	1	1	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	2	2	2
-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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	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	0	0	0	0	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	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	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	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	2	2
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	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	4	4	4
55°	3	3	3	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	5	5	5	5
50°	4	4	4	5	5	5	5	5	5	5	5
48.75°	5	5	5	5	5	5	5	5	5	5	5
47.5°	5	5	5	5	5	5	6	6	6	6	6
46.25°	5	5	5	6	6	6	6	6	6	6	6
45°	6	6	6	6	6	6	6	6	7	7	7
43.75°	6	6	6	6	7	7	7	7	7	7	7
42.5°	6	7	7	7	7	7	7	7	8	8	8
41.25°	7	7	7	7	8	8	8	8	8	9	10
40°	7	7	8	8	8	9	10	11	12	13	14
38.75°	8	8	9	10	11	13	14	15	16	17	18
37.5°	9	11	12	14	15	16	18	19	20	20	21
36.25°	12	14	16	17	18	20	21	22	23	24	25
35°	16	17	19	20	22	23	25	26	27	29	30



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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	20	22	24	25	27	29	30	32	33	37
32.5°	22	23	26	28	30	32	33	39	44	49	53
31.25°	25	27	30	32	35	42	48	54	60	64	74
30°	29	31	34	42	50	57	63	77	97	115	130
28.75°	32	39	48	56	64	84	108	130	151	170	187
27.5°	43	53	62	79	108	135	160	183	211	236	258
26.25°	56	66	96	127	157	186	219	251	280	307	332
25°	73	108	142	175	212	249	285	319	351	378	402
23.75°	116	152	188	232	274	314	352	386	417	442	465
22.5°	157	198	245	291	336	377	414	446	475	496	515
21.25°	202	252	302	351	395	435	469	496	519	535	549
20°	252	305	358	405	447	484	513	533	551	567	584
18.75°	302	358	409	454	492	522	543	563	584	608	636
17.5°	351	405	454	494	526	549	571	599	631	667	707
16.25°	395	447	492	526	551	576	608	649	695	744	803
15°	435	484	522	549	576	612	657	712	776	847	926
13.75°	469	513	543	571	608	657	718	793	879	974	1082
12.5°	496	533	563	599	649	712	793	890	1003	1130	1259
11.25°	519	551	584	631	695	776	879	1003	1147	1295	1455
10°	535	567	608	667	744	847	974	1130	1295	1478	1660
8.75°	549	584	636	707	803	926	1082	1259	1455	1660	1869
7.5°	561	603	663	745	860	1007	1187	1388	1609	1839	2072
6.25°	571	620	691	788	918	1087	1283	1509	1751	2006	2262
5°	583	638	716	825	968	1158	1375	1619	1881	2155	2430
3.75°	592	652	736	856	1018	1218	1450	1707	1987	2278	2567
2.5°	599	663	753	882	1054	1261	1505	1776	2068	2370	2670
1.25°	604	669	765	898	1076	1288	1541	1819	2118	2427	2733
0°	605	671	769	904	1083	1297	1553	1833	2135	2447	2754
-1.25°	604	669	765	898	1076	1288	1541	1819	2118	2427	2733
-2.5°	599	663	753	882	1054	1261	1505	1776	2068	2370	2670
-3.75°	592	652	736	856	1018	1218	1450	1707	1987	2278	2567
-5°	583	638	716	825	968	1158	1375	1619	1881	2155	2430
-6.25°	571	620	691	788	918	1087	1283	1509	1751	2006	2262
-7.5°	561	603	663	745	860	1007	1187	1388	1609	1839	2072
-8.75°	549	584	636	707	803	926	1082	1259	1455	1660	1869
-10°	535	567	608	667	744	847	974	1130	1295	1478	1660
-11.25°	519	551	584	631	695	776	879	1003	1147	1295	1455
-12.5°	496	533	563	599	649	712	793	890	1003	1130	1259
-13.75°	469	513	543	571	608	657	718	793	879	974	1082
-15°	435	484	522	549	576	612	657	712	776	847	926
-16.25°	395	447	492	526	551	576	608	649	695	744	803
-17.5°	351	405	454	494	526	549	571	599	631	667	707
-18.75°	302	358	409	454	492	522	543	563	584	608	636
-20°	252	305	358	405	447	484	513	533	551	567	584
-21.25°	202	252	302	351	395	435	469	496	519	535	549



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	157	198	245	291	336	377	414	446	475	496	515
-23.75°	116	152	188	232	274	314	352	386	417	442	465
-25°	73	108	142	175	212	249	285	319	351	378	402
-26.25°	56	66	96	127	157	186	219	251	280	307	332
-27.5°	43	53	62	79	108	135	160	183	211	236	258
-28.75°	32	39	48	56	64	84	108	130	151	170	187
-30°	29	31	34	42	50	57	63	77	97	115	130
-31.25°	25	27	30	32	35	42	48	54	60	64	74
-32.5°	22	23	26	28	30	32	33	39	44	49	53
-33.75°	19	20	22	24	25	27	29	30	32	33	37
-35°	16	17	19	20	22	23	25	26	27	29	30
-36.25°	12	14	16	17	18	20	21	22	23	24	25
-37.5°	9	11	12	14	15	16	18	19	20	20	21
-38.75°	8	8	9	10	11	13	14	15	16	17	18
-40°	7	7	8	8	8	9	10	11	12	13	14
-41.25°	7	7	7	7	8	8	8	8	8	9	10
-42.5°	6	7	7	7	7	7	7	7	8	8	8
-43.75°	6	6	6	6	7	7	7	7	7	7	7
-45°	6	6	6	6	6	6	6	6	7	7	7
-46.25°	5	5	5	6	6	6	6	6	6	6	6
-47.5°	5	5	5	5	5	5	6	6	6	6	6
-48.75°	5	5	5	5	5	5	5	5	5	5	5
-50°	4	4	4	5	5	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	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	3	3	3	4	4	4	4	4	4	4	4
-56.25°	3	3	3	3	3	3	3	3	4	4	4
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	2	2	2	3	3	3	3	3	3	3	3
-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°	2	2	2	2	2	2	2	2	2	2	2
-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	1	1	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	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	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°	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°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	5	4	4	4	4
51.25°	5	5	5	5	5	5	5	5	5	5	5
50°	5	5	5	5	5	5	5	5	5	5	5
48.75°	5	6	6	6	6	6	6	6	6	6	6
47.5°	6	6	6	6	6	6	6	6	6	6	6
46.25°	6	6	6	6	6	6	7	6	6	6	6
45°	7	7	7	7	7	7	7	7	7	7	7
43.75°	7	7	7	8	8	8	8	8	8	8	7
42.5°	8	8	8	8	8	8	8	8	8	8	8
41.25°	11	11	12	12	12	12	12	12	12	12	12
40°	14	15	15	16	16	16	16	16	16	16	15
38.75°	18	19	19	20	20	20	20	20	20	20	19
37.5°	22	22	23	23	23	24	24	24	23	23	23
36.25°	26	27	27	28	28	28	28	28	28	28	27
35°	31	31	32	33	33	33	33	33	33	33	32



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	40	43	46	47	49	50	50	50	49	47	46
32.5°	56	59	62	64	65	66	67	66	65	64	62
31.25°	88	99	108	116	121	124	125	124	121	116	108
30°	144	156	166	174	179	182	184	182	179	174	166
28.75°	206	222	235	245	253	257	259	257	253	245	235
27.5°	279	296	310	321	330	334	336	334	330	321	310
26.25°	353	371	385	396	404	409	410	409	404	396	385
25°	423	439	452	463	470	475	476	475	470	463	452
23.75°	483	496	507	516	521	523	524	523	521	516	507
22.5°	527	537	545	552	556	559	560	559	556	552	545
21.25°	561	571	583	592	599	604	605	604	599	592	583
20°	603	620	638	652	663	669	671	669	663	652	638
18.75°	663	691	716	736	753	765	769	765	753	736	716
17.5°	745	788	825	856	882	898	904	898	882	856	825
16.25°	860	918	968	1018	1054	1076	1083	1076	1054	1018	968
15°	1007	1087	1158	1218	1261	1288	1297	1288	1261	1218	1158
13.75°	1187	1283	1375	1450	1505	1541	1553	1541	1505	1450	1375
12.5°	1388	1509	1619	1707	1776	1819	1833	1819	1776	1707	1619
11.25°	1609	1751	1881	1987	2068	2118	2135	2118	2068	1987	1881
10°	1839	2006	2155	2278	2370	2427	2447	2427	2370	2278	2155
8.75°	2072	2262	2430	2567	2670	2733	2754	2733	2670	2567	2430
7.5°	2299	2508	2693	2842	2954	3019	3041	3019	2954	2842	2693
6.25°	2508	2735	2933	3088	3202	3270	3293	3270	3202	3088	2933
5°	2693	2933	3136	3294	3407	3477	3502	3477	3407	3294	3136
3.75°	2842	3088	3294	3453	3567	3640	3661	3640	3567	3453	3294
2.5°	2954	3202	3407	3567	3684	3755	3773	3755	3684	3567	3407
1.25°	3019	3270	3477	3640	3755	3814	3835	3814	3755	3640	3477
0°	3041	3293	3502	3661	3773	3835	3868	3835	3773	3661	3502
-1.25°	3019	3270	3477	3640	3755	3814	3835	3814	3755	3640	3477
-2.5°	2954	3202	3407	3567	3684	3755	3773	3755	3684	3567	3407
-3.75°	2842	3088	3294	3453	3567	3640	3661	3640	3567	3453	3294
-5°	2693	2933	3136	3294	3407	3477	3502	3477	3407	3294	3136
-6.25°	2508	2735	2933	3088	3202	3270	3293	3270	3202	3088	2933
-7.5°	2299	2508	2693	2842	2954	3019	3041	3019	2954	2842	2693
-8.75°	2072	2262	2430	2567	2670	2733	2754	2733	2670	2567	2430
-10°	1839	2006	2155	2278	2370	2427	2447	2427	2370	2278	2155
-11.25°	1609	1751	1881	1987	2068	2118	2135	2118	2068	1987	1881
-12.5°	1388	1509	1619	1707	1776	1819	1833	1819	1776	1707	1619
-13.75°	1187	1283	1375	1450	1505	1541	1553	1541	1505	1450	1375
-15°	1007	1087	1158	1218	1261	1288	1297	1288	1261	1218	1158
-16.25°	860	918	968	1018	1054	1076	1083	1076	1054	1018	968
-17.5°	745	788	825	856	882	898	904	898	882	856	825
-18.75°	663	691	716	736	753	765	769	765	753	736	716
-20°	603	620	638	652	663	669	671	669	663	652	638
-21.25°	561	571	583	592	599	604	605	604	599	592	583



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	527	537	545	552	556	559	560	559	556	552	545
-23.75°	483	496	507	516	521	523	524	523	521	516	507
-25°	423	439	452	463	470	475	476	475	470	463	452
-26.25°	353	371	385	396	404	409	410	409	404	396	385
-27.5°	279	296	310	321	330	334	336	334	330	321	310
-28.75°	206	222	235	245	253	257	259	257	253	245	235
-30°	144	156	166	174	179	182	184	182	179	174	166
-31.25°	88	99	108	116	121	124	125	124	121	116	108
-32.5°	56	59	62	64	65	66	67	66	65	64	62
-33.75°	40	43	46	47	49	50	50	50	49	47	46
-35°	31	31	32	33	33	33	33	33	33	33	32
-36.25°	26	27	27	28	28	28	28	28	28	28	27
-37.5°	22	22	23	23	23	24	24	24	23	23	23
-38.75°	18	19	19	20	20	20	20	20	20	20	19
-40°	14	15	15	16	16	16	16	16	16	16	15
-41.25°	11	11	12	12	12	12	12	12	12	12	12
-42.5°	8	8	8	8	8	8	8	8	8	8	8
-43.75°	7	7	7	8	8	8	8	8	8	8	7
-45°	7	7	7	7	7	7	7	7	7	7	7
-46.25°	6	6	6	6	6	6	7	6	6	6	6
-47.5°	6	6	6	6	6	6	6	6	6	6	6
-48.75°	5	6	6	6	6	6	6	6	6	6	6
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	5	5	5	5	5	5	5	5	5	5	5
-52.5°	4	4	4	4	4	4	5	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-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°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	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	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°	2	2	2	2	2	2	2	2	2	1	1
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	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	3	3	2	2	2	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	3	2
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	4	4	4	4	4	3	3	3	3	3	3
55°	4	4	4	4	4	4	4	4	4	4	3
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	5	5	5	5	5	5	4	4	4	4	4
50°	5	5	5	5	5	5	5	5	5	5	4
48.75°	6	5	5	5	5	5	5	5	5	5	5
47.5°	6	6	6	6	6	6	6	5	5	5	5
46.25°	6	6	6	6	6	6	6	6	6	6	5
45°	7	7	7	7	7	6	6	6	6	6	6
43.75°	7	7	7	7	7	7	7	7	7	6	6
42.5°	8	8	8	8	8	7	7	7	7	7	7
41.25°	11	11	10	9	8	8	8	8	8	7	7
40°	15	14	14	13	12	11	10	9	8	8	8
38.75°	19	18	18	17	16	15	14	13	11	10	9
37.5°	22	22	21	20	20	19	18	16	15	14	12
36.25°	27	26	25	24	23	22	21	20	18	17	16
35°	31	31	30	29	27	26	25	23	22	20	19



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	43	40	37	33	32	30	29	27	25	24	22
32.5°	59	56	53	49	44	39	33	32	30	28	26
31.25°	99	88	74	64	60	54	48	42	35	32	30
30°	156	144	130	115	97	77	63	57	50	42	34
28.75°	222	206	187	170	151	130	108	84	64	56	48
27.5°	296	279	258	236	211	183	160	135	108	79	62
26.25°	371	353	332	307	280	251	219	186	157	127	96
25°	439	423	402	378	351	319	285	249	212	175	142
23.75°	496	483	465	442	417	386	352	314	274	232	188
22.5°	537	527	515	496	475	446	414	377	336	291	245
21.25°	571	561	549	535	519	496	469	435	395	351	302
20°	620	603	584	567	551	533	513	484	447	405	358
18.75°	691	663	636	608	584	563	543	522	492	454	409
17.5°	788	745	707	667	631	599	571	549	526	494	454
16.25°	918	860	803	744	695	649	608	576	551	526	492
15°	1087	1007	926	847	776	712	657	612	576	549	522
13.75°	1283	1187	1082	974	879	793	718	657	608	571	543
12.5°	1509	1388	1259	1130	1003	890	793	712	649	599	563
11.25°	1751	1609	1455	1295	1147	1003	879	776	695	631	584
10°	2006	1839	1660	1478	1295	1130	974	847	744	667	608
8.75°	2262	2072	1869	1660	1455	1259	1082	926	803	707	636
7.5°	2508	2299	2072	1839	1609	1388	1187	1007	860	745	663
6.25°	2735	2508	2262	2006	1751	1509	1283	1087	918	788	691
5°	2933	2693	2430	2155	1881	1619	1375	1158	968	825	716
3.75°	3088	2842	2567	2278	1987	1707	1450	1218	1018	856	736
2.5°	3202	2954	2670	2370	2068	1776	1505	1261	1054	882	753
1.25°	3270	3019	2733	2427	2118	1819	1541	1288	1076	898	765
0°	3293	3041	2754	2447	2135	1833	1553	1297	1083	904	769
-1.25°	3270	3019	2733	2427	2118	1819	1541	1288	1076	898	765
-2.5°	3202	2954	2670	2370	2068	1776	1505	1261	1054	882	753
-3.75°	3088	2842	2567	2278	1987	1707	1450	1218	1018	856	736
-5°	2933	2693	2430	2155	1881	1619	1375	1158	968	825	716
-6.25°	2735	2508	2262	2006	1751	1509	1283	1087	918	788	691
-7.5°	2508	2299	2072	1839	1609	1388	1187	1007	860	745	663
-8.75°	2262	2072	1869	1660	1455	1259	1082	926	803	707	636
-10°	2006	1839	1660	1478	1295	1130	974	847	744	667	608
-11.25°	1751	1609	1455	1295	1147	1003	879	776	695	631	584
-12.5°	1509	1388	1259	1130	1003	890	793	712	649	599	563
-13.75°	1283	1187	1082	974	879	793	718	657	608	571	543
-15°	1087	1007	926	847	776	712	657	612	576	549	522
-16.25°	918	860	803	744	695	649	608	576	551	526	492
-17.5°	788	745	707	667	631	599	571	549	526	494	454
-18.75°	691	663	636	608	584	563	543	522	492	454	409
-20°	620	603	584	567	551	533	513	484	447	405	358
-21.25°	571	561	549	535	519	496	469	435	395	351	302



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	537	527	515	496	475	446	414	377	336	291	245
-23.75°	496	483	465	442	417	386	352	314	274	232	188
-25°	439	423	402	378	351	319	285	249	212	175	142
-26.25°	371	353	332	307	280	251	219	186	157	127	96
-27.5°	296	279	258	236	211	183	160	135	108	79	62
-28.75°	222	206	187	170	151	130	108	84	64	56	48
-30°	156	144	130	115	97	77	63	57	50	42	34
-31.25°	99	88	74	64	60	54	48	42	35	32	30
-32.5°	59	56	53	49	44	39	33	32	30	28	26
-33.75°	43	40	37	33	32	30	29	27	25	24	22
-35°	31	31	30	29	27	26	25	23	22	20	19
-36.25°	27	26	25	24	23	22	21	20	18	17	16
-37.5°	22	22	21	20	20	19	18	16	15	14	12
-38.75°	19	18	18	17	16	15	14	13	11	10	9
-40°	15	14	14	13	12	11	10	9	8	8	8
-41.25°	11	11	10	9	8	8	8	8	8	7	7
-42.5°	8	8	8	8	8	7	7	7	7	7	7
-43.75°	7	7	7	7	7	7	7	7	7	6	6
-45°	7	7	7	7	7	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	5	5	5	5
-48.75°	6	5	5	5	5	5	5	5	5	5	5
-50°	5	5	5	5	5	5	5	5	5	5	4
-51.25°	5	5	5	5	5	5	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	3
-56.25°	4	4	4	4	4	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	2
-63.75°	3	3	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-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°	2	2	2	2	2	2	2	2	2	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	1	1	1	0	0	0	0	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°	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	2	2	2	1	1	1	1	1	1
67.5°	2	2	2	2	2	2	2	2	2	1	1
66.25°	2	2	2	2	2	2	2	2	2	2	2
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°	3	3	3	3	2	2	2	2	2	2	2
60°	3	3	3	3	3	3	3	2	2	2	2
58.75°	3	3	3	3	3	3	3	3	3	3	2
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	4	4	4	3	3	3	3	3	3	3	3
52.5°	4	4	4	4	4	4	3	3	3	3	3
51.25°	4	4	4	4	4	4	4	4	3	3	3
50°	4	4	4	4	4	4	4	4	4	4	3
48.75°	5	5	5	4	4	4	4	4	4	4	4
47.5°	5	5	5	5	5	4	4	4	4	4	4
46.25°	5	5	5	5	5	5	5	4	4	4	4
45°	6	6	5	5	5	5	5	5	5	4	4
43.75°	6	6	6	6	5	5	5	5	5	5	5
42.5°	7	6	6	6	6	6	5	5	5	5	5
41.25°	7	7	7	6	6	6	6	6	5	5	5
40°	7	7	7	7	7	6	6	6	6	6	5
38.75°	8	8	8	7	7	7	7	6	6	6	6
37.5°	11	9	8	8	7	7	7	7	6	6	6
36.25°	14	12	10	9	8	8	7	7	7	6	6
35°	17	16	14	12	10	8	8	7	7	7	6



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	20	19	17	15	13	11	8	8	7	7	7
32.5°	23	22	20	18	16	14	11	9	8	8	7
31.25°	27	25	23	21	19	16	14	12	9	8	8
30°	31	29	26	24	21	19	17	14	12	9	8
28.75°	39	32	30	27	24	22	19	17	14	12	9
27.5°	53	43	34	30	28	24	22	19	17	14	11
26.25°	66	56	46	36	31	28	24	22	19	16	14
25°	108	73	58	47	36	31	28	24	21	19	16
23.75°	152	116	78	59	47	36	30	27	24	21	18
22.5°	198	157	118	78	58	46	34	30	26	23	20
21.25°	252	202	157	116	73	56	43	32	29	25	22
20°	305	252	198	152	108	66	53	39	31	27	23
18.75°	358	302	245	188	142	96	62	48	34	30	26
17.5°	405	351	291	232	175	127	79	56	42	32	28
16.25°	447	395	336	274	212	157	108	64	50	35	30
15°	484	435	377	314	249	186	135	84	57	42	32
13.75°	513	469	414	352	285	219	160	108	63	48	33
12.5°	533	496	446	386	319	251	183	130	77	54	39
11.25°	551	519	475	417	351	280	211	151	97	60	44
10°	567	535	496	442	378	307	236	170	115	64	49
8.75°	584	549	515	465	402	332	258	187	130	74	53
7.5°	603	561	527	483	423	353	279	206	144	88	56
6.25°	620	571	537	496	439	371	296	222	156	99	59
5°	638	583	545	507	452	385	310	235	166	108	62
3.75°	652	592	552	516	463	396	321	245	174	116	64
2.5°	663	599	556	521	470	404	330	253	179	121	65
1.25°	669	604	559	523	475	409	334	257	182	124	66
0°	671	605	560	524	476	410	336	259	184	125	67
-1.25°	669	604	559	523	475	409	334	257	182	124	66
-2.5°	663	599	556	521	470	404	330	253	179	121	65
-3.75°	652	592	552	516	463	396	321	245	174	116	64
-5°	638	583	545	507	452	385	310	235	166	108	62
-6.25°	620	571	537	496	439	371	296	222	156	99	59
-7.5°	603	561	527	483	423	353	279	206	144	88	56
-8.75°	584	549	515	465	402	332	258	187	130	74	53
-10°	567	535	496	442	378	307	236	170	115	64	49
-11.25°	551	519	475	417	351	280	211	151	97	60	44
-12.5°	533	496	446	386	319	251	183	130	77	54	39
-13.75°	513	469	414	352	285	219	160	108	63	48	33
-15°	484	435	377	314	249	186	135	84	57	42	32
-16.25°	447	395	336	274	212	157	108	64	50	35	30
-17.5°	405	351	291	232	175	127	79	56	42	32	28
-18.75°	358	302	245	188	142	96	62	48	34	30	26
-20°	305	252	198	152	108	66	53	39	31	27	23
-21.25°	252	202	157	116	73	56	43	32	29	25	22



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	198	157	118	78	58	46	34	30	26	23	20
-23.75°	152	116	78	59	47	36	30	27	24	21	18
-25°	108	73	58	47	36	31	28	24	21	19	16
-26.25°	66	56	46	36	31	28	24	22	19	16	14
-27.5°	53	43	34	30	28	24	22	19	17	14	11
-28.75°	39	32	30	27	24	22	19	17	14	12	9
-30°	31	29	26	24	21	19	17	14	12	9	8
-31.25°	27	25	23	21	19	16	14	12	9	8	8
-32.5°	23	22	20	18	16	14	11	9	8	8	7
-33.75°	20	19	17	15	13	11	8	8	7	7	7
-35°	17	16	14	12	10	8	8	7	7	7	6
-36.25°	14	12	10	9	8	8	7	7	7	6	6
-37.5°	11	9	8	8	7	7	7	7	6	6	6
-38.75°	8	8	8	7	7	7	7	6	6	6	6
-40°	7	7	7	7	7	6	6	6	6	6	5
-41.25°	7	7	7	6	6	6	6	6	5	5	5
-42.5°	7	6	6	6	6	6	5	5	5	5	5
-43.75°	6	6	6	6	5	5	5	5	5	5	5
-45°	6	6	5	5	5	5	5	5	5	4	4
-46.25°	5	5	5	5	5	5	5	4	4	4	4
-47.5°	5	5	5	5	5	4	4	4	4	4	4
-48.75°	5	5	5	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	3
-51.25°	4	4	4	4	4	4	4	4	3	3	3
-52.5°	4	4	4	4	4	4	3	3	3	3	3
-53.75°	4	4	4	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	2
-60°	3	3	3	3	3	3	3	2	2	2	2
-61.25°	3	3	3	3	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°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	1	1
-68.75°	2	2	2	2	2	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	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	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	1	1	1	1	1	1	1	1	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°	2	2	1	1	1	1	1	1	1	1	1
65°	2	2	2	2	2	1	1	1	1	1	1
63.75°	2	2	2	2	2	2	2	1	1	1	1
62.5°	2	2	2	2	2	2	2	2	2	1	1
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°	3	3	2	2	2	2	2	2	2	2	2
56.25°	3	3	3	3	2	2	2	2	2	2	2
55°	3	3	3	3	3	3	2	2	2	2	2
53.75°	3	3	3	3	3	3	3	2	2	2	2
52.5°	3	3	3	3	3	3	3	3	3	2	2
51.25°	3	3	3	3	3	3	3	3	3	3	2
50°	3	3	3	3	3	3	3	3	3	3	3
48.75°	4	3	3	3	3	3	3	3	3	3	3
47.5°	4	4	4	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	3	3	3	3	3	3
43.75°	4	4	4	4	4	4	3	3	3	3	3
42.5°	5	4	4	4	4	4	4	3	3	3	3
41.25°	5	5	4	4	4	4	4	4	3	3	3
40°	5	5	5	4	4	4	4	4	4	3	3
38.75°	5	5	5	5	4	4	4	4	4	4	3
37.5°	6	5	5	5	5	4	4	4	4	4	4
36.25°	6	6	5	5	5	5	4	4	4	4	4
35°	6	6	6	5	5	5	5	4	4	4	4



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	6	6	6	6	5	5	5	5	4	4	4
32.5°	7	6	6	6	6	5	5	5	5	4	4
31.25°	7	7	6	6	6	6	5	5	5	4	4
30°	7	7	7	6	6	6	5	5	5	5	4
28.75°	8	7	7	7	6	6	6	5	5	5	4
27.5°	8	8	7	7	7	6	6	5	5	5	5
26.25°	11	8	8	7	7	6	6	6	5	5	5
25°	13	10	8	7	7	7	6	6	5	5	5
23.75°	15	12	9	8	7	7	6	6	6	5	5
22.5°	17	14	10	8	8	7	7	6	6	5	5
21.25°	19	16	12	9	8	7	7	6	6	6	5
20°	20	17	14	11	8	7	7	7	6	6	5
18.75°	22	19	16	12	9	8	7	7	6	6	5
17.5°	24	20	17	14	10	8	7	7	6	6	6
16.25°	25	22	18	15	11	8	8	7	7	6	6
15°	27	23	20	16	13	9	8	7	7	6	6
13.75°	29	25	21	18	14	10	8	7	7	6	6
12.5°	30	26	22	19	15	11	8	7	7	6	6
11.25°	32	27	23	20	16	12	8	8	7	7	6
10°	33	29	24	20	17	13	9	8	7	7	6
8.75°	37	30	25	21	18	14	10	8	7	7	6
7.5°	40	31	26	22	18	14	11	8	7	7	6
6.25°	43	31	27	22	19	15	11	8	7	7	6
5°	46	32	27	23	19	15	12	8	7	7	6
3.75°	47	33	28	23	20	16	12	8	8	7	6
2.5°	49	33	28	23	20	16	12	8	8	7	6
1.25°	50	33	28	24	20	16	12	8	8	7	6
0°	50	33	28	24	20	16	12	8	8	7	6
-1.25°	50	33	28	24	20	16	12	8	8	7	6
-2.5°	49	33	28	23	20	16	12	8	8	7	6
-3.75°	47	33	28	23	20	16	12	8	8	7	6
-5°	46	32	27	23	19	15	12	8	7	7	6
-6.25°	43	31	27	22	19	15	11	8	7	7	6
-7.5°	40	31	26	22	18	14	11	8	7	7	6
-8.75°	37	30	25	21	18	14	10	8	7	7	6
-10°	33	29	24	20	17	13	9	8	7	7	6
-11.25°	32	27	23	20	16	12	8	8	7	7	6
-12.5°	30	26	22	19	15	11	8	7	7	6	6
-13.75°	29	25	21	18	14	10	8	7	7	6	6
-15°	27	23	20	16	13	9	8	7	7	6	6
-16.25°	25	22	18	15	11	8	8	7	7	6	6
-17.5°	24	20	17	14	10	8	7	7	6	6	6
-18.75°	22	19	16	12	9	8	7	7	6	6	5
-20°	20	17	14	11	8	7	7	7	6	6	5
-21.25°	19	16	12	9	8	7	7	6	6	6	5



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	17	14	10	8	8	7	7	6	6	5	5
-23.75°	15	12	9	8	7	7	6	6	6	5	5
-25°	13	10	8	7	7	7	6	6	5	5	5
-26.25°	11	8	8	7	7	6	6	6	5	5	5
-27.5°	8	8	7	7	7	6	6	5	5	5	5
-28.75°	8	7	7	7	6	6	6	5	5	5	4
-30°	7	7	7	6	6	6	5	5	5	5	4
-31.25°	7	7	6	6	6	6	5	5	5	4	4
-32.5°	7	6	6	6	6	5	5	5	5	4	4
-33.75°	6	6	6	6	5	5	5	5	4	4	4
-35°	6	6	6	5	5	5	5	4	4	4	4
-36.25°	6	6	5	5	5	5	4	4	4	4	4
-37.5°	6	5	5	5	5	4	4	4	4	4	4
-38.75°	5	5	5	5	4	4	4	4	4	4	3
-40°	5	5	5	4	4	4	4	4	4	3	3
-41.25°	5	5	4	4	4	4	4	4	3	3	3
-42.5°	5	4	4	4	4	4	4	3	3	3	3
-43.75°	4	4	4	4	4	4	3	3	3	3	3
-45°	4	4	4	4	4	3	3	3	3	3	3
-46.25°	4	4	4	4	3	3	3	3	3	3	3
-47.5°	4	4	4	3	3	3	3	3	3	3	3
-48.75°	4	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	2
-52.5°	3	3	3	3	3	3	3	3	3	2	2
-53.75°	3	3	3	3	3	3	3	2	2	2	2
-55°	3	3	3	3	3	3	2	2	2	2	2
-56.25°	3	3	3	3	2	2	2	2	2	2	2
-57.5°	3	3	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	1	1
-63.75°	2	2	2	2	2	2	2	1	1	1	1
-65°	2	2	2	2	2	1	1	1	1	1	1
-66.25°	2	2	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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	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	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	1	1	1	1	0	0	0	0	0	0	0
81.25°	1	1	1	1	1	1	1	1	1	0	0
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	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	1	1	1	1	1	1	1	1
57.5°	2	2	2	2	1	1	1	1	1	1	1
56.25°	2	2	2	2	2	2	1	1	1	1	1
55°	2	2	2	2	2	2	2	1	1	1	1
53.75°	2	2	2	2	2	2	2	2	1	1	1
52.5°	2	2	2	2	2	2	2	2	1	1	1
51.25°	2	2	2	2	2	2	2	2	2	1	1
50°	2	2	2	2	2	2	2	2	2	2	1
48.75°	3	2	2	2	2	2	2	2	2	2	2
47.5°	3	3	2	2	2	2	2	2	2	2	2
46.25°	3	3	3	2	2	2	2	2	2	2	2
45°	3	3	3	3	2	2	2	2	2	2	2
43.75°	3	3	3	3	3	2	2	2	2	2	2
42.5°	3	3	3	3	3	2	2	2	2	2	2
41.25°	3	3	3	3	3	3	2	2	2	2	2
40°	3	3	3	3	3	3	3	2	2	2	2
38.75°	3	3	3	3	3	3	3	2	2	2	2
37.5°	3	3	3	3	3	3	3	3	2	2	2
36.25°	4	3	3	3	3	3	3	3	2	2	2
35°	4	3	3	3	3	3	3	3	3	2	2



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	4	4	3	3	3	3	3	3	3	2	2
32.5°	4	4	3	3	3	3	3	3	3	2	2
31.25°	4	4	4	3	3	3	3	3	3	3	2
30°	4	4	4	3	3	3	3	3	3	3	2
28.75°	4	4	4	4	3	3	3	3	3	3	2
27.5°	4	4	4	4	3	3	3	3	3	3	3
26.25°	4	4	4	4	4	3	3	3	3	3	3
25°	5	4	4	4	4	3	3	3	3	3	3
23.75°	5	4	4	4	4	3	3	3	3	3	3
22.5°	5	5	4	4	4	4	3	3	3	3	3
21.25°	5	5	4	4	4	4	3	3	3	3	3
20°	5	5	4	4	4	4	3	3	3	3	3
18.75°	5	5	4	4	4	4	3	3	3	3	3
17.5°	5	5	5	4	4	4	4	3	3	3	3
16.25°	5	5	5	4	4	4	4	3	3	3	3
15°	5	5	5	4	4	4	4	3	3	3	3
13.75°	6	5	5	4	4	4	4	3	3	3	3
12.5°	6	5	5	5	4	4	4	3	3	3	3
11.25°	6	5	5	5	4	4	4	4	3	3	3
10°	6	5	5	5	4	4	4	4	3	3	3
8.75°	6	5	5	5	4	4	4	4	3	3	3
7.5°	6	5	5	5	4	4	4	4	3	3	3
6.25°	6	6	5	5	4	4	4	4	3	3	3
5°	6	6	5	5	4	4	4	4	3	3	3
3.75°	6	6	5	5	4	4	4	4	3	3	3
2.5°	6	6	5	5	4	4	4	4	3	3	3
1.25°	6	6	5	5	4	4	4	4	3	3	3
0°	6	6	5	5	5	4	4	4	3	3	3
-1.25°	6	6	5	5	4	4	4	4	3	3	3
-2.5°	6	6	5	5	4	4	4	4	3	3	3
-3.75°	6	6	5	5	4	4	4	4	3	3	3
-5°	6	6	5	5	4	4	4	4	3	3	3
-6.25°	6	6	5	5	4	4	4	4	3	3	3
-7.5°	6	5	5	5	4	4	4	4	3	3	3
-8.75°	6	5	5	5	4	4	4	4	3	3	3
-10°	6	5	5	5	4	4	4	4	3	3	3
-11.25°	6	5	5	5	4	4	4	4	3	3	3
-12.5°	6	5	5	5	4	4	4	3	3	3	3
-13.75°	6	5	5	4	4	4	4	3	3	3	3
-15°	5	5	5	4	4	4	4	3	3	3	3
-16.25°	5	5	5	4	4	4	4	3	3	3	3
-17.5°	5	5	5	4	4	4	4	3	3	3	3
-18.75°	5	5	4	4	4	4	3	3	3	3	3
-20°	5	5	4	4	4	4	3	3	3	3	3
-21.25°	5	5	4	4	4	4	3	3	3	3	3



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	5	5	4	4	4	4	3	3	3	3	3
-23.75°	5	4	4	4	4	3	3	3	3	3	3
-25°	5	4	4	4	4	3	3	3	3	3	3
-26.25°	4	4	4	4	4	3	3	3	3	3	3
-27.5°	4	4	4	4	3	3	3	3	3	3	3
-28.75°	4	4	4	4	3	3	3	3	3	3	2
-30°	4	4	4	3	3	3	3	3	3	3	2
-31.25°	4	4	4	3	3	3	3	3	3	3	2
-32.5°	4	4	3	3	3	3	3	3	3	2	2
-33.75°	4	4	3	3	3	3	3	3	3	2	2
-35°	4	3	3	3	3	3	3	3	3	2	2
-36.25°	4	3	3	3	3	3	3	3	2	2	2
-37.5°	3	3	3	3	3	3	3	3	2	2	2
-38.75°	3	3	3	3	3	3	3	2	2	2	2
-40°	3	3	3	3	3	3	3	2	2	2	2
-41.25°	3	3	3	3	3	3	2	2	2	2	2
-42.5°	3	3	3	3	3	2	2	2	2	2	2
-43.75°	3	3	3	3	3	2	2	2	2	2	2
-45°	3	3	3	3	2	2	2	2	2	2	2
-46.25°	3	3	3	2	2	2	2	2	2	2	2
-47.5°	3	3	2	2	2	2	2	2	2	2	2
-48.75°	3	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	1
-51.25°	2	2	2	2	2	2	2	2	2	1	1
-52.5°	2	2	2	2	2	2	2	2	1	1	1
-53.75°	2	2	2	2	2	2	2	2	1	1	1
-55°	2	2	2	2	2	2	2	1	1	1	1
-56.25°	2	2	2	2	2	2	1	1	1	1	1
-57.5°	2	2	2	2	1	1	1	1	1	1	1
-58.75°	2	2	2	1	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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	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	0	0
-82.5°	1	1	1	1	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	1	1	0	0	0	0	0	0	0	0	0
78.75°	1	1	1	1	0	0	0	0	0	0	0
77.5°	1	1	1	1	1	1	0	0	0	0	0
76.25°	1	1	1	1	1	1	1	1	0	0	0
75°	1	1	1	1	1	1	1	1	1	0	0
73.75°	1	1	1	1	1	1	1	1	1	1	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	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	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°	2	1	1	1	1	1	1	1	1	1	1
45°	2	1	1	1	1	1	1	1	1	1	1
43.75°	2	2	1	1	1	1	1	1	1	1	1
42.5°	2	2	1	1	1	1	1	1	1	1	1
41.25°	2	2	2	1	1	1	1	1	1	1	1
40°	2	2	2	1	1	1	1	1	1	1	1
38.75°	2	2	2	2	1	1	1	1	1	1	1
37.5°	2	2	2	2	1	1	1	1	1	1	1
36.25°	2	2	2	2	1	1	1	1	1	1	1
35°	2	2	2	2	2	1	1	1	1	1	1



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	2	2	2	2	2	1	1	1	1	1	1
32.5°	2	2	2	2	2	1	1	1	1	1	1
31.25°	2	2	2	2	2	1	1	1	1	1	1
30°	2	2	2	2	2	2	1	1	1	1	1
28.75°	2	2	2	2	2	2	1	1	1	1	1
27.5°	2	2	2	2	2	2	1	1	1	1	1
26.25°	2	2	2	2	2	2	1	1	1	1	1
25°	2	2	2	2	2	2	2	1	1	1	1
23.75°	3	2	2	2	2	2	2	1	1	1	1
22.5°	3	2	2	2	2	2	2	1	1	1	1
21.25°	3	2	2	2	2	2	2	1	1	1	1
20°	3	2	2	2	2	2	2	1	1	1	1
18.75°	3	2	2	2	2	2	2	1	1	1	1
17.5°	3	3	2	2	2	2	2	1	1	1	1
16.25°	3	3	2	2	2	2	2	2	1	1	1
15°	3	3	2	2	2	2	2	2	1	1	1
13.75°	3	3	2	2	2	2	2	2	1	1	1
12.5°	3	3	2	2	2	2	2	2	1	1	1
11.25°	3	3	2	2	2	2	2	2	1	1	1
10°	3	3	2	2	2	2	2	2	1	1	1
8.75°	3	3	2	2	2	2	2	2	1	1	1
7.5°	3	3	3	2	2	2	2	2	1	1	1
6.25°	3	3	3	2	2	2	2	2	1	1	1
5°	3	3	3	2	2	2	2	2	1	1	1
3.75°	3	3	3	2	2	2	2	2	1	1	1
2.5°	3	3	3	2	2	2	2	2	1	1	1
1.25°	3	3	3	2	2	2	2	2	1	1	1
0°	3	3	3	2	2	2	2	2	1	1	1
-1.25°	3	3	3	2	2	2	2	2	1	1	1
-2.5°	3	3	3	2	2	2	2	2	1	1	1
-3.75°	3	3	3	2	2	2	2	2	1	1	1
-5°	3	3	3	2	2	2	2	2	1	1	1
-6.25°	3	3	3	2	2	2	2	2	1	1	1
-7.5°	3	3	3	2	2	2	2	2	1	1	1
-8.75°	3	3	2	2	2	2	2	2	1	1	1
-10°	3	3	2	2	2	2	2	2	1	1	1
-11.25°	3	3	2	2	2	2	2	2	1	1	1
-12.5°	3	3	2	2	2	2	2	2	1	1	1
-13.75°	3	3	2	2	2	2	2	2	1	1	1
-15°	3	3	2	2	2	2	2	2	1	1	1
-16.25°	3	3	2	2	2	2	2	2	1	1	1
-17.5°	3	3	2	2	2	2	2	1	1	1	1
-18.75°	3	2	2	2	2	2	2	1	1	1	1
-20°	3	2	2	2	2	2	2	1	1	1	1
-21.25°	3	2	2	2	2	2	2	1	1	1	1



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	3	2	2	2	2	2	2	1	1	1	1
-23.75°	3	2	2	2	2	2	2	1	1	1	1
-25°	2	2	2	2	2	2	2	1	1	1	1
-26.25°	2	2	2	2	2	2	1	1	1	1	1
-27.5°	2	2	2	2	2	2	1	1	1	1	1
-28.75°	2	2	2	2	2	2	1	1	1	1	1
-30°	2	2	2	2	2	2	1	1	1	1	1
-31.25°	2	2	2	2	2	1	1	1	1	1	1
-32.5°	2	2	2	2	2	1	1	1	1	1	1
-33.75°	2	2	2	2	2	1	1	1	1	1	1
-35°	2	2	2	2	2	1	1	1	1	1	1
-36.25°	2	2	2	2	1	1	1	1	1	1	1
-37.5°	2	2	2	2	1	1	1	1	1	1	1
-38.75°	2	2	2	2	1	1	1	1	1	1	1
-40°	2	2	2	1	1	1	1	1	1	1	1
-41.25°	2	2	2	1	1	1	1	1	1	1	1
-42.5°	2	2	1	1	1	1	1	1	1	1	1
-43.75°	2	2	1	1	1	1	1	1	1	1	1
-45°	2	1	1	1	1	1	1	1	1	1	1
-46.25°	2	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	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	0
-75°	1	1	1	1	1	1	1	1	0	0	0
-76.25°	1	1	1	1	1	1	1	1	0	0	0
-77.5°	1	1	1	1	1	1	0	0	0	0	0



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	1	1	1	1	0	0	0	0	0	0	0
-80°	1	1	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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°	1	0	0	0	0	0	0	0	0	0	0
70°	1	1	0	0	0	0	0	0	0	0	0
68.75°	1	1	0	0	0	0	0	0	0	0	0
67.5°	1	1	1	0	0	0	0	0	0	0	0
66.25°	1	1	1	0	0	0	0	0	0	0	0
65°	1	1	1	1	0	0	0	0	0	0	0
63.75°	1	1	1	1	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	0	0	0	0	0	0
61.25°	1	1	1	1	1	0	0	0	0	0	0
60°	1	1	1	1	1	0	0	0	0	0	0
58.75°	1	1	1	1	1	0	0	0	0	0	0
57.5°	1	1	1	1	1	1	0	0	0	0	0
56.25°	1	1	1	1	1	1	0	0	0	0	0
55°	1	1	1	1	1	1	0	0	0	0	0
53.75°	1	1	1	1	1	1	0	0	0	0	0
52.5°	1	1	1	1	1	1	0	0	0	0	0
51.25°	1	1	1	1	1	1	1	0	0	0	0
50°	1	1	1	1	1	1	1	0	0	0	0
48.75°	1	1	1	1	1	1	1	0	0	0	0
47.5°	1	1	1	1	1	1	1	0	0	0	0
46.25°	1	1	1	1	1	1	1	0	0	0	0
45°	1	1	1	1	1	1	1	0	0	0	0
43.75°	1	1	1	1	1	1	1	0	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	0	0	0
40°	1	1	1	1	1	1	1	1	0	0	0
38.75°	1	1	1	1	1	1	1	1	0	0	0
37.5°	1	1	1	1	1	1	1	1	0	0	0
36.25°	1	1	1	1	1	1	1	1	0	0	0
35°	1	1	1	1	1	1	1	1	0	0	0



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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	1	1	0	0	0
32.5°	1	1	1	1	1	1	1	1	0	0	0
31.25°	1	1	1	1	1	1	1	1	0	0	0
30°	1	1	1	1	1	1	1	1	0	0	0
28.75°	1	1	1	1	1	1	1	1	0	0	0
27.5°	1	1	1	1	1	1	1	1	0	0	0
26.25°	1	1	1	1	1	1	1	1	0	0	0
25°	1	1	1	1	1	1	1	1	0	0	0
23.75°	1	1	1	1	1	1	1	1	0	0	0
22.5°	1	1	1	1	1	1	1	1	1	0	0
21.25°	1	1	1	1	1	1	1	1	1	0	0
20°	1	1	1	1	1	1	1	1	1	0	0
18.75°	1	1	1	1	1	1	1	1	1	0	0
17.5°	1	1	1	1	1	1	1	1	1	0	0
16.25°	1	1	1	1	1	1	1	1	1	0	0
15°	1	1	1	1	1	1	1	1	1	0	0
13.75°	1	1	1	1	1	1	1	1	1	0	0
12.5°	1	1	1	1	1	1	1	1	1	0	0
11.25°	1	1	1	1	1	1	1	1	1	0	0
10°	1	1	1	1	1	1	1	1	1	0	0
8.75°	1	1	1	1	1	1	1	1	1	0	0
7.5°	1	1	1	1	1	1	1	1	1	0	0
6.25°	1	1	1	1	1	1	1	1	1	0	0
5°	1	1	1	1	1	1	1	1	1	0	0
3.75°	1	1	1	1	1	1	1	1	1	0	0
2.5°	1	1	1	1	1	1	1	1	1	0	0
1.25°	1	1	1	1	1	1	1	1	1	0	0
0°	1	1	1	1	1	1	1	1	1	0	0
-1.25°	1	1	1	1	1	1	1	1	1	0	0
-2.5°	1	1	1	1	1	1	1	1	1	0	0
-3.75°	1	1	1	1	1	1	1	1	1	0	0
-5°	1	1	1	1	1	1	1	1	1	0	0
-6.25°	1	1	1	1	1	1	1	1	1	0	0
-7.5°	1	1	1	1	1	1	1	1	1	0	0
-8.75°	1	1	1	1	1	1	1	1	1	0	0
-10°	1	1	1	1	1	1	1	1	1	0	0
-11.25°	1	1	1	1	1	1	1	1	1	0	0
-12.5°	1	1	1	1	1	1	1	1	1	0	0
-13.75°	1	1	1	1	1	1	1	1	1	0	0
-15°	1	1	1	1	1	1	1	1	1	0	0
-16.25°	1	1	1	1	1	1	1	1	1	0	0
-17.5°	1	1	1	1	1	1	1	1	1	0	0
-18.75°	1	1	1	1	1	1	1	1	1	0	0
-20°	1	1	1	1	1	1	1	1	1	0	0
-21.25°	1	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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	1	1	1	0	0
-23.75°	1	1	1	1	1	1	1	1	0	0	0
-25°	1	1	1	1	1	1	1	1	0	0	0
-26.25°	1	1	1	1	1	1	1	1	0	0	0
-27.5°	1	1	1	1	1	1	1	1	0	0	0
-28.75°	1	1	1	1	1	1	1	1	0	0	0
-30°	1	1	1	1	1	1	1	1	0	0	0
-31.25°	1	1	1	1	1	1	1	1	0	0	0
-32.5°	1	1	1	1	1	1	1	1	0	0	0
-33.75°	1	1	1	1	1	1	1	1	0	0	0
-35°	1	1	1	1	1	1	1	1	0	0	0
-36.25°	1	1	1	1	1	1	1	1	0	0	0
-37.5°	1	1	1	1	1	1	1	1	0	0	0
-38.75°	1	1	1	1	1	1	1	1	0	0	0
-40°	1	1	1	1	1	1	1	1	0	0	0
-41.25°	1	1	1	1	1	1	1	1	0	0	0
-42.5°	1	1	1	1	1	1	1	1	0	0	0
-43.75°	1	1	1	1	1	1	1	0	0	0	0
-45°	1	1	1	1	1	1	1	0	0	0	0
-46.25°	1	1	1	1	1	1	1	0	0	0	0
-47.5°	1	1	1	1	1	1	1	0	0	0	0
-48.75°	1	1	1	1	1	1	1	0	0	0	0
-50°	1	1	1	1	1	1	1	0	0	0	0
-51.25°	1	1	1	1	1	1	1	0	0	0	0
-52.5°	1	1	1	1	1	1	0	0	0	0	0
-53.75°	1	1	1	1	1	1	0	0	0	0	0
-55°	1	1	1	1	1	1	0	0	0	0	0
-56.25°	1	1	1	1	1	1	0	0	0	0	0
-57.5°	1	1	1	1	1	1	0	0	0	0	0
-58.75°	1	1	1	1	1	0	0	0	0	0	0
-60°	1	1	1	1	1	0	0	0	0	0	0
-61.25°	1	1	1	1	1	0	0	0	0	0	0
-62.5°	1	1	1	1	1	0	0	0	0	0	0
-63.75°	1	1	1	1	0	0	0	0	0	0	0
-65°	1	1	1	1	0	0	0	0	0	0	0
-66.25°	1	1	1	0	0	0	0	0	0	0	0
-67.5°	1	1	1	0	0	0	0	0	0	0	0
-68.75°	1	1	0	0	0	0	0	0	0	0	0
-70°	1	1	0	0	0	0	0	0	0	0	0
-71.25°	1	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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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: P220662 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-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)