

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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED4080-M-BK-L1-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220661 (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-LED4080-M-BK-L1-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, MEDIUM
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 4000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

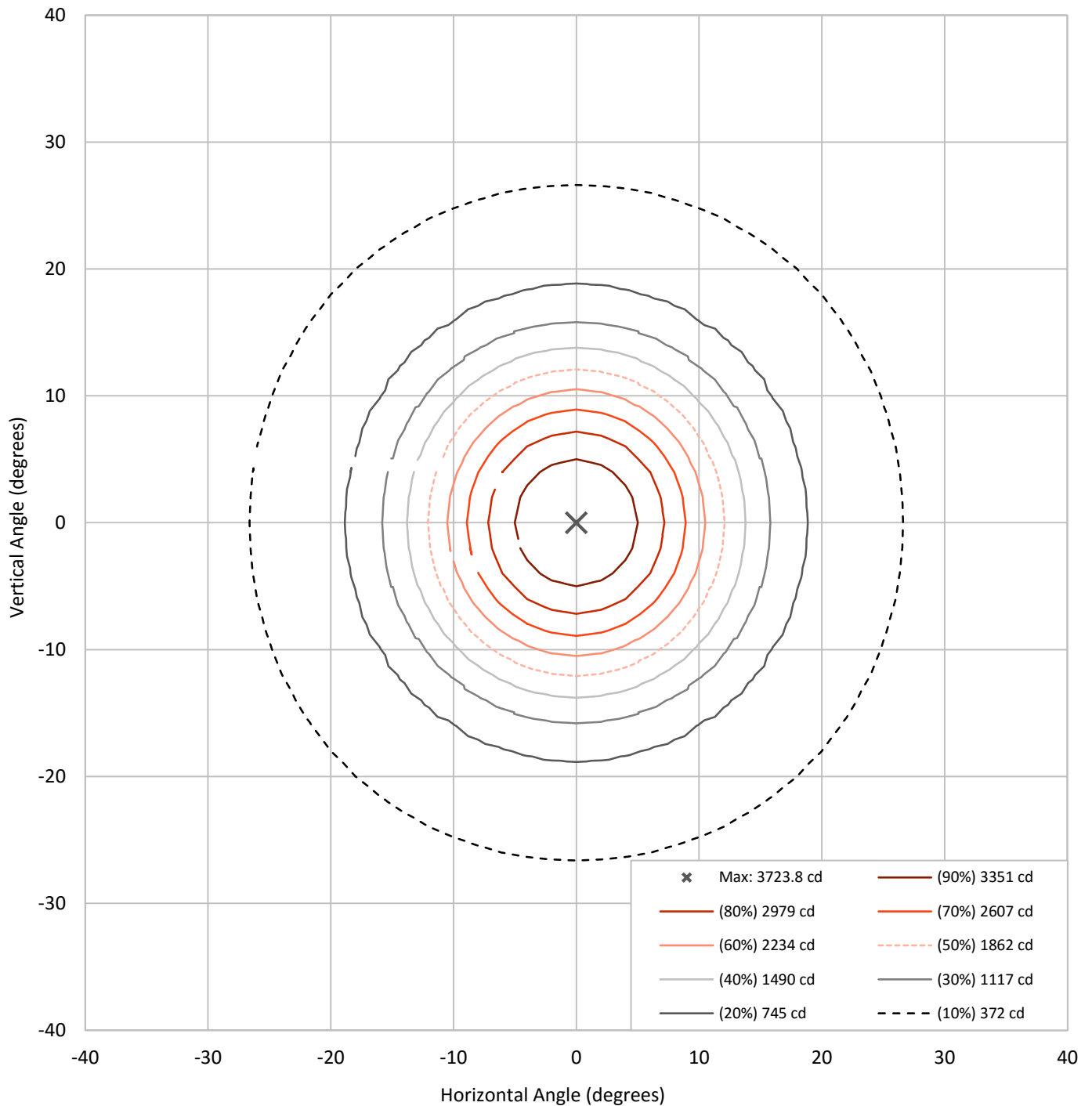
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	879.4 lumens	Max Intensity:	3723.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.7 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:	384.4 lumens	Field Lumens:	785.5 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-LED4080-M-BK-L1-UNV

Iso-Candela Plot





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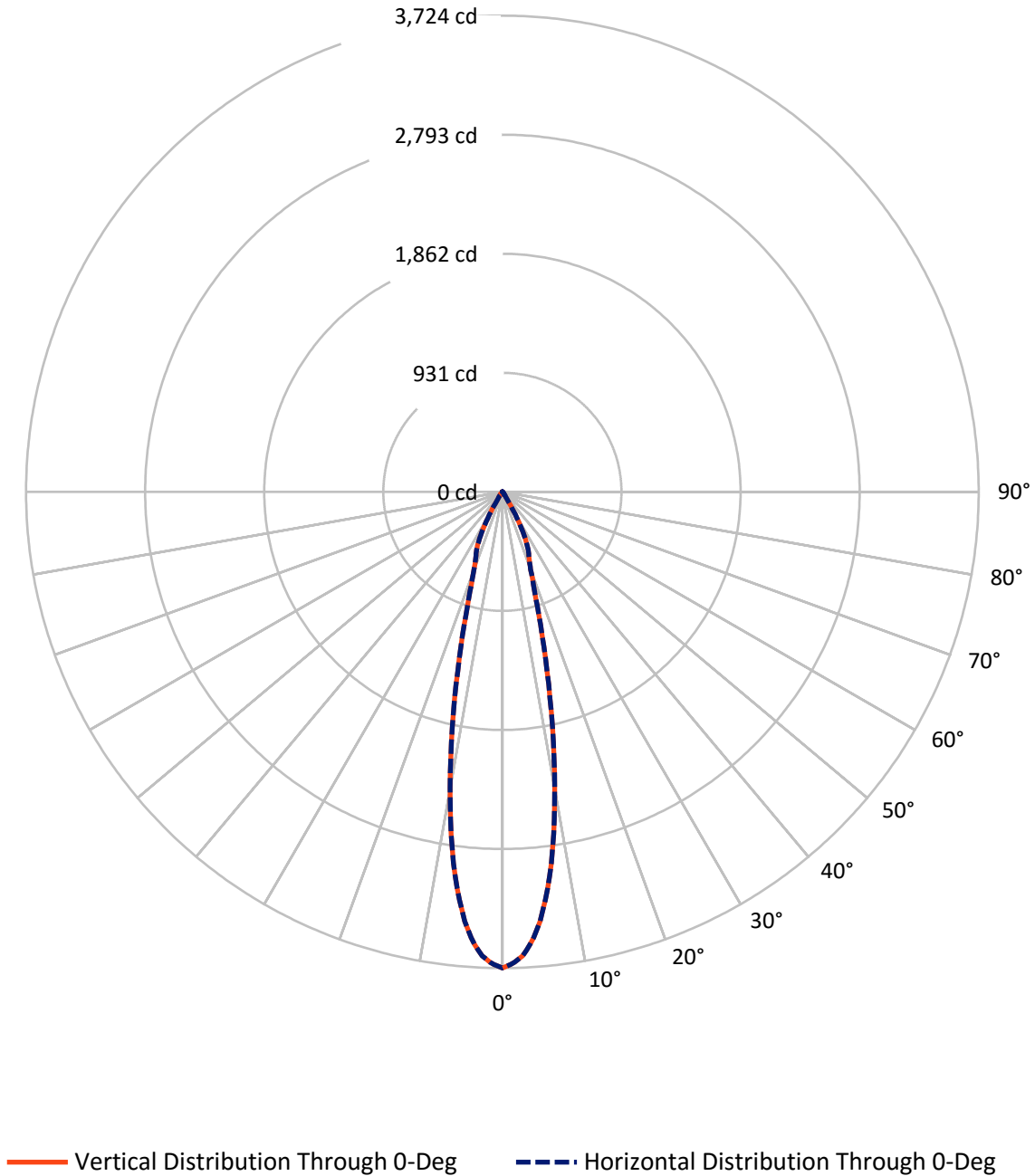
Lumen Table

90	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0										
80	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0										
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				
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				
40		0.0	0.0	0.1	0.1	0.3	0.7	1.4	1.4	0.7	0.3	0.1	0.1	0.0					
30	0.0	0.0	0.1	0.1	0.3	1.5	7.2	12.3	12.3	7.2	1.5	0.3	0.1	0.1	0.0				
20		0.0	0.1	0.1	0.6	6.8	18.6	35.3	35.3	18.6	6.8	0.6	0.1	0.1					
10	0.0	0.0	0.1	0.2	1.2	11.2	34.4	85.3	85.3	34.4	11.2	1.2	0.2	0.1	0.0				
0		0.0	0.1	0.2	1.2	11.2	34.4	85.3	85.3	34.4	11.2	1.2	0.2	0.1					
-10	0.0	0.0	0.1	0.2	1.2	11.2	34.4	85.3	85.3	34.4	11.2	1.2	0.2	0.1	0.0				
-20		0.0	0.1	0.1	0.6	6.8	18.6	35.3	35.3	18.6	6.8	0.6	0.1	0.1					
-30	0.0	0.0	0.1	0.1	0.3	1.5	7.2	12.3	12.3	7.2	1.5	0.3	0.1	0.1	0.0				
-40		0.0	0.0	0.1	0.1	0.3	0.7	1.4	1.4	0.7	0.3	0.1	0.1	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				
-60		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0					
-70	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0				
-80		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					
-90	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0										

REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)

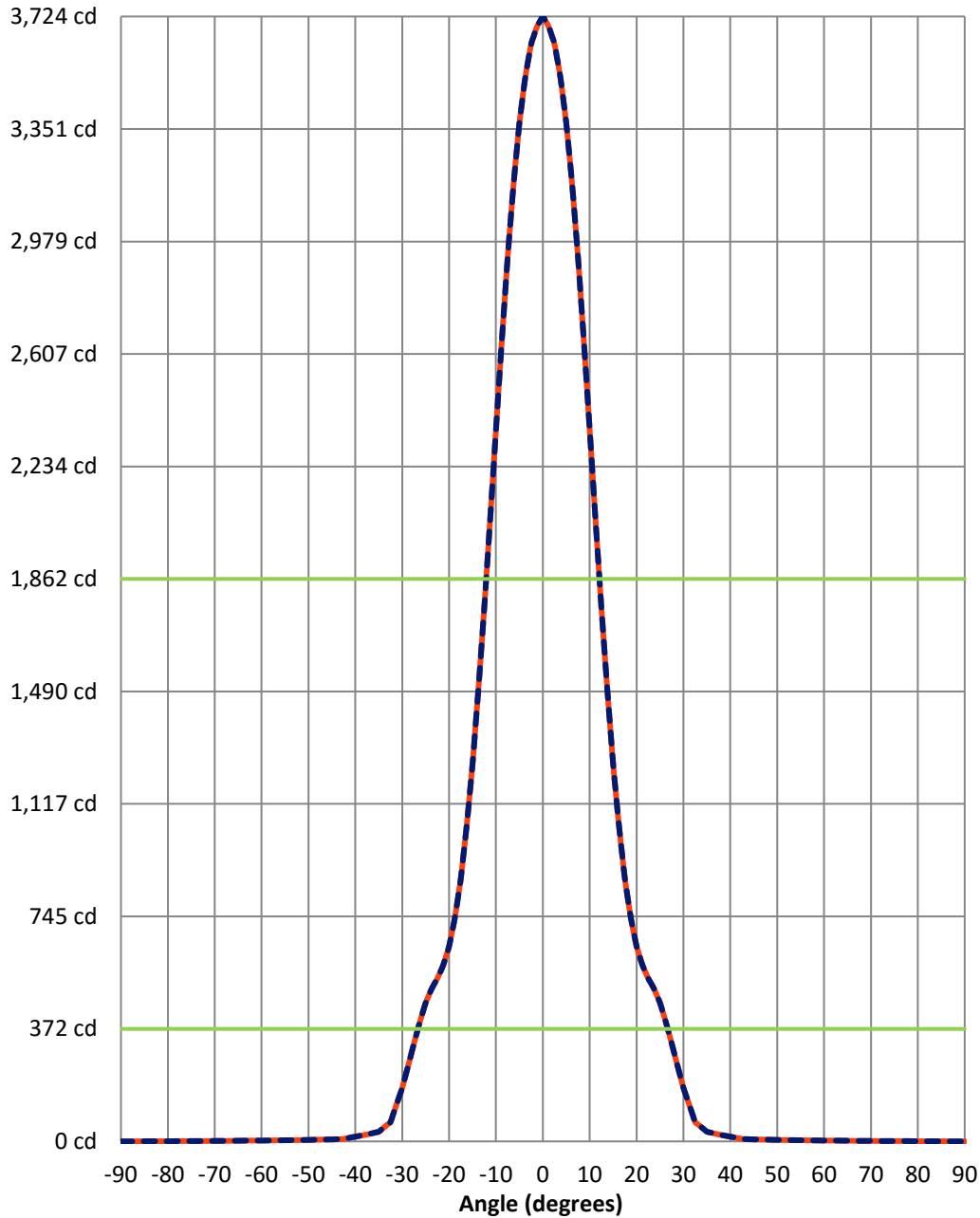
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-BK-L1-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-M-BK-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 24.2°
 V Angle: 24.2°
 Lumens: 384.4
 Efficiency: 43.7%

Field:
 H Angle: 53.3°
 V Angle: 53.3°
 Lumens: 785.5
 Efficiency: 89.3%

Spill:
 Lumens: 93.8
 Efficiency: 10.7%

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



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0
66.25°	0	0	0	0	0	0	0	0	0	0	1
65°	0	0	0	0	0	0	0	0	0	0	1
63.75°	0	0	0	0	0	0	0	0	0	0	1
62.5°	0	0	0	0	0	0	0	0	0	1	1
61.25°	0	0	0	0	0	0	0	0	0	1	1
60°	0	0	0	0	0	0	0	0	0	1	1
58.75°	0	0	0	0	0	0	0	0	1	1	1
57.5°	0	0	0	0	0	0	0	0	1	1	1
56.25°	0	0	0	0	0	0	0	0	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	0	1	1	1	1
50°	0	0	0	0	0	0	0	1	1	1	1
48.75°	0	0	0	0	0	0	0	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	0	1	1	1	1	1
41.25°	0	0	0	0	0	0	1	1	1	1	1
40°	0	0	0	0	0	0	1	1	1	1	1
38.75°	0	0	0	0	0	0	1	1	1	1	1
37.5°	0	0	0	0	0	0	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0	1	1	1	1	1	1
21.25°	0	0	0	0	0	1	1	1	1	1	1
20°	0	0	0	0	0	1	1	1	1	1	1
18.75°	0	0	0	0	0	1	1	1	1	1	1
17.5°	0	0	0	0	0	1	1	1	1	1	1
16.25°	0	0	0	0	0	1	1	1	1	1	1
15°	0	0	0	0	0	1	1	1	1	1	1
13.75°	0	0	0	0	0	1	1	1	1	1	1
12.5°	0	0	0	0	0	1	1	1	1	1	1
11.25°	0	0	0	0	0	1	1	1	1	1	1
10°	0	0	0	0	0	1	1	1	1	1	1
8.75°	0	0	0	0	0	1	1	1	1	1	1
7.5°	0	0	0	0	0	1	1	1	1	1	1
6.25°	0	0	0	0	0	1	1	1	1	1	1
5°	0	0	0	0	0	1	1	1	1	1	1
3.75°	0	0	0	0	0	1	1	1	1	1	1
2.5°	0	0	0	0	0	1	1	1	1	1	1
1.25°	0	0	0	0	0	1	1	1	1	1	1
0°	0	0	0	0	0	1	1	1	1	1	1
-1.25°	0	0	0	0	0	1	1	1	1	1	1
-2.5°	0	0	0	0	0	1	1	1	1	1	1
-3.75°	0	0	0	0	0	1	1	1	1	1	1
-5°	0	0	0	0	0	1	1	1	1	1	1
-6.25°	0	0	0	0	0	1	1	1	1	1	1
-7.5°	0	0	0	0	0	1	1	1	1	1	1
-8.75°	0	0	0	0	0	1	1	1	1	1	1
-10°	0	0	0	0	0	1	1	1	1	1	1
-11.25°	0	0	0	0	0	1	1	1	1	1	1
-12.5°	0	0	0	0	0	1	1	1	1	1	1
-13.75°	0	0	0	0	0	1	1	1	1	1	1
-15°	0	0	0	0	0	1	1	1	1	1	1
-16.25°	0	0	0	0	0	1	1	1	1	1	1
-17.5°	0	0	0	0	0	1	1	1	1	1	1
-18.75°	0	0	0	0	0	1	1	1	1	1	1
-20°	0	0	0	0	0	1	1	1	1	1	1
-21.25°	0	0	0	0	0	1	1	1	1	1	1



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0	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	0	1	1	1	1	1
-38.75°	0	0	0	0	0	0	1	1	1	1	1
-40°	0	0	0	0	0	0	1	1	1	1	1
-41.25°	0	0	0	0	0	0	1	1	1	1	1
-42.5°	0	0	0	0	0	0	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	0	1	1	1	1
-50°	0	0	0	0	0	0	0	1	1	1	1
-51.25°	0	0	0	0	0	0	0	1	1	1	1
-52.5°	0	0	0	0	0	0	0	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	0	1	1	1
-57.5°	0	0	0	0	0	0	0	0	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	0	1	1
-61.25°	0	0	0	0	0	0	0	0	0	1	1
-62.5°	0	0	0	0	0	0	0	0	0	1	1
-63.75°	0	0	0	0	0	0	0	0	0	0	1
-65°	0	0	0	0	0	0	0	0	0	0	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	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0	0
77.5°	0	0	0	0	0	0	0	0	1	1	1
76.25°	0	0	0	0	0	0	0	1	1	1	1
75°	0	0	0	0	0	1	1	1	1	1	1
73.75°	0	0	0	0	1	1	1	1	1	1	1
72.5°	0	0	0	1	1	1	1	1	1	1	1
71.25°	0	0	1	1	1	1	1	1	1	1	1
70°	0	1	1	1	1	1	1	1	1	1	1
68.75°	0	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	1
40°	1	1	1	1	1	1	1	1	1	1	2
38.75°	1	1	1	1	1	1	1	1	1	1	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	1	2	2



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	1	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	1	2	2	2	2
23.75°	1	1	1	1	1	1	1	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	1	2	2	2	2	2
15°	1	1	1	1	1	1	2	2	2	2	2
13.75°	1	1	1	1	1	1	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	2
6.25°	1	1	1	1	1	2	2	2	2	2	2
5°	1	1	1	1	1	2	2	2	2	2	2
3.75°	1	1	1	1	1	2	2	2	2	2	2
2.5°	1	1	1	1	1	2	2	2	2	2	2
1.25°	1	1	1	1	1	2	2	2	2	2	2
0°	1	1	1	1	1	2	2	2	2	2	2
-1.25°	1	1	1	1	1	2	2	2	2	2	2
-2.5°	1	1	1	1	1	2	2	2	2	2	2
-3.75°	1	1	1	1	1	2	2	2	2	2	2
-5°	1	1	1	1	1	2	2	2	2	2	2
-6.25°	1	1	1	1	1	2	2	2	2	2	2
-7.5°	1	1	1	1	1	2	2	2	2	2	2
-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	1	2	2	2	2	2
-15°	1	1	1	1	1	1	2	2	2	2	2
-16.25°	1	1	1	1	1	1	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	1	2	2	2	2
-25°	1	1	1	1	1	1	1	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	1	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	1	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	1	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	1
-42.5°	1	1	1	1	1	1	1	1	1	1	1
-43.75°	1	1	1	1	1	1	1	1	1	1	1
-45°	1	1	1	1	1	1	1	1	1	1	1
-46.25°	1	1	1	1	1	1	1	1	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	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°	0	1	1	1	1	1	1	1	1	1	1
-70°	0	1	1	1	1	1	1	1	1	1	1
-71.25°	0	0	1	1	1	1	1	1	1	1	1
-72.5°	0	0	0	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	1	1	1	1	1	1	1
-75°	0	0	0	0	0	1	1	1	1	1	1
-76.25°	0	0	0	0	0	0	0	1	1	1	1
-77.5°	0	0	0	0	0	0	0	0	1	1	1



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0	0
81.25°	0	0	0	0	0	0	1	1	1	1	1
80°	0	0	0	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	1
57.5°	1	1	1	1	1	1	1	1	1	2	2
56.25°	1	1	1	1	1	1	1	1	2	2	2
55°	1	1	1	1	1	1	1	2	2	2	2
53.75°	1	1	1	1	1	1	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	1	2	2	2	2	2	2	2
48.75°	1	1	1	2	2	2	2	2	2	2	2
47.5°	1	1	2	2	2	2	2	2	2	2	2
46.25°	1	1	2	2	2	2	2	2	2	2	2
45°	1	2	2	2	2	2	2	2	2	2	3
43.75°	1	2	2	2	2	2	2	2	2	3	3
42.5°	2	2	2	2	2	2	2	2	3	3	3
41.25°	2	2	2	2	2	2	2	2	3	3	3
40°	2	2	2	2	2	2	2	3	3	3	3
38.75°	2	2	2	2	2	2	3	3	3	3	3
37.5°	2	2	2	2	2	2	3	3	3	3	3
36.25°	2	2	2	2	2	3	3	3	3	3	3
35°	2	2	2	2	2	3	3	3	3	3	3



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	2	3	3	3	3	3	3	3
30°	2	2	2	3	3	3	3	3	3	3	4
28.75°	2	2	2	3	3	3	3	3	3	3	4
27.5°	2	2	2	3	3	3	3	3	3	4	4
26.25°	2	2	3	3	3	3	3	3	3	4	4
25°	2	2	3	3	3	3	3	3	3	4	4
23.75°	2	2	3	3	3	3	3	3	4	4	4
22.5°	2	2	3	3	3	3	3	3	4	4	4
21.25°	2	3	3	3	3	3	3	3	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°	2	3	3	3	3	3	3	4	4	4	4
16.25°	2	3	3	3	3	3	3	4	4	4	4
15°	2	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	4	5
11.25°	3	3	3	3	3	3	4	4	4	4	5
10°	3	3	3	3	3	3	4	4	4	4	5
8.75°	3	3	3	3	3	3	4	4	4	4	5
7.5°	3	3	3	3	3	3	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	4	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	3	4	4	4	5	5
-8.75°	3	3	3	3	3	3	4	4	4	4	5
-10°	3	3	3	3	3	3	4	4	4	4	5
-11.25°	3	3	3	3	3	3	4	4	4	4	5
-12.5°	3	3	3	3	3	3	4	4	4	4	5
-13.75°	3	3	3	3	3	3	4	4	4	4	5
-15°	2	3	3	3	3	3	4	4	4	4	5
-16.25°	2	3	3	3	3	3	3	4	4	4	4
-17.5°	2	3	3	3	3	3	3	4	4	4	4
-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	3	4	4	4



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	2	3	3	3	3	3	3	4	4	4
-23.75°	2	2	3	3	3	3	3	3	4	4	4
-25°	2	2	3	3	3	3	3	3	3	4	4
-26.25°	2	2	3	3	3	3	3	3	3	4	4
-27.5°	2	2	2	3	3	3	3	3	3	4	4
-28.75°	2	2	2	3	3	3	3	3	3	3	4
-30°	2	2	2	3	3	3	3	3	3	3	4
-31.25°	2	2	2	2	3	3	3	3	3	3	3
-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	2	3	3	3	3	3	3
-36.25°	2	2	2	2	2	3	3	3	3	3	3
-37.5°	2	2	2	2	2	2	3	3	3	3	3
-38.75°	2	2	2	2	2	2	3	3	3	3	3
-40°	2	2	2	2	2	2	2	3	3	3	3
-41.25°	2	2	2	2	2	2	2	2	3	3	3
-42.5°	2	2	2	2	2	2	2	2	3	3	3
-43.75°	1	2	2	2	2	2	2	2	2	3	3
-45°	1	2	2	2	2	2	2	2	2	2	3
-46.25°	1	1	2	2	2	2	2	2	2	2	2
-47.5°	1	1	2	2	2	2	2	2	2	2	2
-48.75°	1	1	1	2	2	2	2	2	2	2	2
-50°	1	1	1	1	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	1	2	2	2	2	2
-55°	1	1	1	1	1	1	1	2	2	2	2
-56.25°	1	1	1	1	1	1	1	1	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	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	0	0	0	1	1	1	1	1	1	1	1
-81.25°	0	0	0	0	0	0	1	1	1	1	1
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0	0	0	0	0	1
82.5°	0	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	1	2	2
63.75°	1	1	1	1	1	1	1	2	2	2	2
62.5°	1	1	1	1	1	2	2	2	2	2	2
61.25°	1	1	1	2	2	2	2	2	2	2	2
60°	1	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	3
55°	2	2	2	2	2	2	2	2	3	3	3
53.75°	2	2	2	2	2	2	2	3	3	3	3
52.5°	2	2	2	2	2	3	3	3	3	3	3
51.25°	2	2	2	2	3	3	3	3	3	3	3
50°	2	2	2	3	3	3	3	3	3	3	3
48.75°	2	2	3	3	3	3	3	3	3	3	3
47.5°	2	3	3	3	3	3	3	3	3	3	3
46.25°	3	3	3	3	3	3	3	3	3	3	4
45°	3	3	3	3	3	3	3	3	3	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	4
38.75°	3	3	3	3	4	4	4	4	4	4	5
37.5°	3	3	3	4	4	4	4	4	4	5	5
36.25°	3	3	4	4	4	4	4	4	5	5	5
35°	3	4	4	4	4	4	4	5	5	5	5



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	3	4	4	4	4	4	5	5	5	5	6
32.5°	4	4	4	4	4	5	5	5	5	6	6
31.25°	4	4	4	4	4	5	5	5	6	6	6
30°	4	4	4	4	5	5	5	6	6	6	6
28.75°	4	4	4	4	5	5	5	6	6	6	6
27.5°	4	4	4	5	5	5	6	6	6	6	7
26.25°	4	4	4	5	5	6	6	6	6	7	7
25°	4	4	5	5	5	6	6	6	6	7	8
23.75°	4	4	5	5	6	6	6	6	7	8	8
22.5°	4	5	5	5	6	6	6	7	7	8	10
21.25°	4	5	5	5	6	6	6	7	8	9	12
20°	4	5	5	6	6	6	6	7	8	10	13
18.75°	5	5	5	6	6	6	7	7	8	12	15
17.5°	5	5	5	6	6	6	7	8	10	13	16
16.25°	5	5	6	6	6	7	7	8	11	15	18
15°	5	5	6	6	6	7	8	9	12	16	19
13.75°	5	5	6	6	6	7	8	10	13	17	20
12.5°	5	5	6	6	6	7	8	11	14	18	21
11.25°	5	6	6	6	7	7	8	12	15	19	22
10°	5	6	6	6	7	7	9	13	16	20	23
8.75°	5	6	6	6	7	8	10	13	17	20	24
7.5°	5	6	6	6	7	8	10	14	18	21	25
6.25°	5	6	6	6	7	8	11	14	18	22	26
5°	5	6	6	6	7	8	11	15	18	22	26
3.75°	5	6	6	6	7	8	11	15	19	22	27
2.5°	5	6	6	6	7	8	12	16	19	23	27
1.25°	5	6	6	6	7	8	12	16	19	23	27
0°	5	6	6	7	7	8	12	16	19	23	27
-1.25°	5	6	6	6	7	8	12	16	19	23	27
-2.5°	5	6	6	6	7	8	12	16	19	23	27
-3.75°	5	6	6	6	7	8	11	15	19	22	27
-5°	5	6	6	6	7	8	11	15	18	22	26
-6.25°	5	6	6	6	7	8	11	14	18	22	26
-7.5°	5	6	6	6	7	8	10	14	18	21	25
-8.75°	5	6	6	6	7	8	10	13	17	20	24
-10°	5	6	6	6	7	7	9	13	16	20	23
-11.25°	5	6	6	6	7	7	8	12	15	19	22
-12.5°	5	5	6	6	6	7	8	11	14	18	21
-13.75°	5	5	6	6	6	7	8	10	13	17	20
-15°	5	5	6	6	6	7	8	9	12	16	19
-16.25°	5	5	6	6	6	7	7	8	11	15	18
-17.5°	5	5	5	6	6	6	7	8	10	13	16
-18.75°	5	5	5	6	6	6	7	7	8	12	15
-20°	4	5	5	6	6	6	6	7	8	10	13
-21.25°	4	5	5	5	6	6	6	7	8	9	12



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	4	5	5	5	6	6	6	7	7	8	10
-23.75°	4	4	5	5	6	6	6	6	7	8	8
-25°	4	4	5	5	5	6	6	6	6	7	8
-26.25°	4	4	4	5	5	6	6	6	6	7	7
-27.5°	4	4	4	5	5	5	6	6	6	6	7
-28.75°	4	4	4	4	5	5	5	6	6	6	6
-30°	4	4	4	4	5	5	5	6	6	6	6
-31.25°	4	4	4	4	4	5	5	5	6	6	6
-32.5°	4	4	4	4	4	5	5	5	5	6	6
-33.75°	3	4	4	4	4	4	5	5	5	5	6
-35°	3	4	4	4	4	4	4	5	5	5	5
-36.25°	3	3	4	4	4	4	4	4	5	5	5
-37.5°	3	3	3	4	4	4	4	4	4	5	5
-38.75°	3	3	3	3	4	4	4	4	4	4	5
-40°	3	3	3	3	4	4	4	4	4	4	4
-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	3	4	4
-46.25°	3	3	3	3	3	3	3	3	3	3	4
-47.5°	2	3	3	3	3	3	3	3	3	3	3
-48.75°	2	2	3	3	3	3	3	3	3	3	3
-50°	2	2	2	3	3	3	3	3	3	3	3
-51.25°	2	2	2	2	3	3	3	3	3	3	3
-52.5°	2	2	2	2	2	3	3	3	3	3	3
-53.75°	2	2	2	2	2	2	2	3	3	3	3
-55°	2	2	2	2	2	2	2	2	3	3	3
-56.25°	2	2	2	2	2	2	2	2	2	2	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°	1	2	2	2	2	2	2	2	2	2	2
-61.25°	1	1	1	2	2	2	2	2	2	2	2
-62.5°	1	1	1	1	1	2	2	2	2	2	2
-63.75°	1	1	1	1	1	1	1	2	2	2	2
-65°	1	1	1	1	1	1	1	1	1	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	0	1	1	1	1	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	0	0	0	0	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	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°	1	1	1	1	1	1	1	1	1	1	2
67.5°	1	1	1	1	1	2	2	2	2	2	2
66.25°	1	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	2	2
60°	2	2	2	2	2	2	2	3	3	3	3
58.75°	2	2	2	2	3	3	3	3	3	3	3
57.5°	2	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	3
52.5°	3	3	3	3	3	3	3	3	3	4	4
51.25°	3	3	3	3	3	3	4	4	4	4	4
50°	3	3	3	3	4	4	4	4	4	4	4
48.75°	3	3	4	4	4	4	4	4	4	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	5
46.25°	4	4	4	4	4	4	4	4	5	5	5
45°	4	4	4	4	4	4	5	5	5	5	5
43.75°	4	4	4	4	5	5	5	5	5	6	6
42.5°	4	4	5	5	5	5	5	6	6	6	6
41.25°	4	5	5	5	5	5	6	6	6	6	6
40°	5	5	5	5	6	6	6	6	6	6	7
38.75°	5	5	5	6	6	6	6	6	6	7	7
37.5°	5	5	6	6	6	6	6	7	7	8	8
36.25°	5	6	6	6	6	6	7	7	8	8	10
35°	6	6	6	6	7	7	8	8	9	11	13



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	6	7	7	8	8	10	12	14	16
32.5°	6	6	7	7	8	9	11	13	15	17	19
31.25°	6	7	7	8	9	11	14	16	18	20	22
30°	7	7	8	9	11	14	16	18	21	23	25
28.75°	7	8	9	11	14	16	19	21	23	26	29
27.5°	8	8	11	14	16	19	21	24	26	29	32
26.25°	8	10	13	16	18	21	24	27	30	34	44
25°	9	12	15	18	21	23	26	30	35	45	56
23.75°	11	14	17	20	23	26	29	34	45	56	75
22.5°	13	16	19	22	25	29	32	44	56	75	114
21.25°	15	18	21	24	28	31	42	54	70	111	151
20°	17	20	23	26	30	38	51	63	104	147	191
18.75°	18	21	25	29	33	46	59	93	137	181	236
17.5°	20	23	27	31	41	54	76	123	168	223	280
16.25°	21	25	29	34	48	62	104	151	204	263	323
15°	22	26	30	41	55	81	130	179	240	302	363
13.75°	24	28	32	47	61	104	154	211	275	339	399
12.5°	25	29	37	52	74	126	177	241	307	372	430
11.25°	26	31	42	57	93	145	203	270	338	401	457
10°	27	32	47	62	110	163	227	296	364	426	477
8.75°	29	35	51	72	126	180	249	319	387	447	495
7.5°	29	39	54	84	139	198	268	340	407	465	507
6.25°	30	42	57	95	150	213	285	357	423	478	517
5°	31	44	60	104	160	226	298	371	435	488	525
3.75°	31	46	62	111	167	236	309	381	445	497	531
2.5°	32	47	63	116	173	243	317	389	452	501	536
1.25°	32	48	64	119	176	248	322	394	457	504	538
0°	32	48	64	120	177	249	324	395	458	505	539
-1.25°	32	48	64	119	176	248	322	394	457	504	538
-2.5°	32	47	63	116	173	243	317	389	452	501	536
-3.75°	31	46	62	111	167	236	309	381	445	497	531
-5°	31	44	60	104	160	226	298	371	435	488	525
-6.25°	30	42	57	95	150	213	285	357	423	478	517
-7.5°	29	39	54	84	139	198	268	340	407	465	507
-8.75°	29	35	51	72	126	180	249	319	387	447	495
-10°	27	32	47	62	110	163	227	296	364	426	477
-11.25°	26	31	42	57	93	145	203	270	338	401	457
-12.5°	25	29	37	52	74	126	177	241	307	372	430
-13.75°	24	28	32	47	61	104	154	211	275	339	399
-15°	22	26	30	41	55	81	130	179	240	302	363
-16.25°	21	25	29	34	48	62	104	151	204	263	323
-17.5°	20	23	27	31	41	54	76	123	168	223	280
-18.75°	18	21	25	29	33	46	59	93	137	181	236
-20°	17	20	23	26	30	38	51	63	104	147	191
-21.25°	15	18	21	24	28	31	42	54	70	111	151



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	13	16	19	22	25	29	32	44	56	75	114
-23.75°	11	14	17	20	23	26	29	34	45	56	75
-25°	9	12	15	18	21	23	26	30	35	45	56
-26.25°	8	10	13	16	18	21	24	27	30	34	44
-27.5°	8	8	11	14	16	19	21	24	26	29	32
-28.75°	7	8	9	11	14	16	19	21	23	26	29
-30°	7	7	8	9	11	14	16	18	21	23	25
-31.25°	6	7	7	8	9	11	14	16	18	20	22
-32.5°	6	6	7	7	8	9	11	13	15	17	19
-33.75°	6	6	6	7	7	8	8	10	12	14	16
-35°	6	6	6	6	7	7	8	8	9	11	13
-36.25°	5	6	6	6	6	6	7	7	8	8	10
-37.5°	5	5	6	6	6	6	6	7	7	8	8
-38.75°	5	5	5	6	6	6	6	6	6	7	7
-40°	5	5	5	5	6	6	6	6	6	6	7
-41.25°	4	5	5	5	5	5	6	6	6	6	6
-42.5°	4	4	5	5	5	5	5	6	6	6	6
-43.75°	4	4	4	4	5	5	5	5	5	6	6
-45°	4	4	4	4	4	4	5	5	5	5	5
-46.25°	4	4	4	4	4	4	4	4	5	5	5
-47.5°	4	4	4	4	4	4	4	4	4	4	5
-48.75°	3	3	4	4	4	4	4	4	4	4	4
-50°	3	3	3	3	4	4	4	4	4	4	4
-51.25°	3	3	3	3	3	3	4	4	4	4	4
-52.5°	3	3	3	3	3	3	3	3	3	4	4
-53.75°	3	3	3	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°	2	3	3	3	3	3	3	3	3	3	3
-58.75°	2	2	2	2	3	3	3	3	3	3	3
-60°	2	2	2	2	2	2	2	3	3	3	3
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	1	2	2	2	2	2	2	2	2	2	2
-67.5°	1	1	1	1	1	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	0	0	0	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	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	2	2	2	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	3	3	3
55°	3	3	3	3	3	4	4	4	4	4	4
53.75°	3	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	5	5	5	5	5	5
48.75°	4	4	5	5	5	5	5	5	5	5	5
47.5°	5	5	5	5	5	5	5	5	6	6	6
46.25°	5	5	5	5	6	6	6	6	6	6	6
45°	5	6	6	6	6	6	6	6	6	6	6
43.75°	6	6	6	6	6	6	6	6	7	7	7
42.5°	6	6	6	6	7	7	7	7	7	7	8
41.25°	6	6	7	7	7	8	8	8	8	9	10
40°	7	7	7	8	8	9	10	11	12	13	13
38.75°	8	8	8	10	11	12	13	14	15	16	17
37.5°	9	10	12	13	15	16	17	18	19	20	20
36.25°	12	13	15	16	18	19	20	21	22	23	24
35°	15	17	18	20	21	22	24	25	26	27	29



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	18	20	21	23	25	26	28	29	31	32	35
32.5°	21	23	25	27	29	30	32	37	42	47	51
31.25°	24	26	29	31	34	41	47	52	57	62	72
30°	28	30	33	41	48	55	61	74	93	110	126
28.75°	31	38	46	54	62	81	104	126	145	163	180
27.5°	42	51	59	76	104	130	154	177	203	227	249
26.25°	54	63	93	123	151	179	211	241	270	296	319
25°	70	104	137	168	204	240	275	307	338	364	387
23.75°	111	147	181	223	263	302	339	372	401	426	447
22.5°	151	191	236	280	323	363	399	430	457	477	495
21.25°	194	243	291	337	380	418	451	478	500	515	528
20°	243	294	345	390	431	466	493	513	530	546	563
18.75°	291	345	394	437	473	502	523	542	562	586	612
17.5°	337	390	437	476	506	528	550	577	608	642	681
16.25°	380	431	473	506	530	554	586	624	669	716	773
15°	418	466	502	528	554	589	633	686	747	815	892
13.75°	451	493	523	550	586	633	692	763	847	937	1042
12.5°	478	513	542	577	624	686	763	857	966	1087	1212
11.25°	500	530	562	608	669	747	847	966	1104	1247	1401
10°	515	546	586	642	716	815	937	1087	1247	1422	1598
8.75°	528	563	612	681	773	892	1042	1212	1401	1598	1799
7.5°	540	580	638	717	828	969	1143	1337	1549	1770	1995
6.25°	550	597	665	759	884	1047	1235	1453	1686	1931	2177
5°	561	614	689	794	932	1115	1323	1558	1811	2074	2339
3.75°	570	628	709	824	979	1172	1396	1643	1913	2193	2471
2.5°	577	638	725	849	1014	1214	1449	1710	1991	2282	2570
1.25°	581	644	736	865	1035	1240	1484	1751	2039	2337	2631
0°	582	646	740	870	1042	1248	1495	1765	2055	2355	2651
-1.25°	581	644	736	865	1035	1240	1484	1751	2039	2337	2631
-2.5°	577	638	725	849	1014	1214	1449	1710	1991	2282	2570
-3.75°	570	628	709	824	979	1172	1396	1643	1913	2193	2471
-5°	561	614	689	794	932	1115	1323	1558	1811	2074	2339
-6.25°	550	597	665	759	884	1047	1235	1453	1686	1931	2177
-7.5°	540	580	638	717	828	969	1143	1337	1549	1770	1995
-8.75°	528	563	612	681	773	892	1042	1212	1401	1598	1799
-10°	515	546	586	642	716	815	937	1087	1247	1422	1598
-11.25°	500	530	562	608	669	747	847	966	1104	1247	1401
-12.5°	478	513	542	577	624	686	763	857	966	1087	1212
-13.75°	451	493	523	550	586	633	692	763	847	937	1042
-15°	418	466	502	528	554	589	633	686	747	815	892
-16.25°	380	431	473	506	530	554	586	624	669	716	773
-17.5°	337	390	437	476	506	528	550	577	608	642	681
-18.75°	291	345	394	437	473	502	523	542	562	586	612
-20°	243	294	345	390	431	466	493	513	530	546	563
-21.25°	194	243	291	337	380	418	451	478	500	515	528



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	151	191	236	280	323	363	399	430	457	477	495
-23.75°	111	147	181	223	263	302	339	372	401	426	447
-25°	70	104	137	168	204	240	275	307	338	364	387
-26.25°	54	63	93	123	151	179	211	241	270	296	319
-27.5°	42	51	59	76	104	130	154	177	203	227	249
-28.75°	31	38	46	54	62	81	104	126	145	163	180
-30°	28	30	33	41	48	55	61	74	93	110	126
-31.25°	24	26	29	31	34	41	47	52	57	62	72
-32.5°	21	23	25	27	29	30	32	37	42	47	51
-33.75°	18	20	21	23	25	26	28	29	31	32	35
-35°	15	17	18	20	21	22	24	25	26	27	29
-36.25°	12	13	15	16	18	19	20	21	22	23	24
-37.5°	9	10	12	13	15	16	17	18	19	20	20
-38.75°	8	8	8	10	11	12	13	14	15	16	17
-40°	7	7	7	8	8	9	10	11	12	13	13
-41.25°	6	6	7	7	7	8	8	8	8	9	10
-42.5°	6	6	6	6	7	7	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	6
-46.25°	5	5	5	5	6	6	6	6	6	6	6
-47.5°	5	5	5	5	5	5	5	5	6	6	6
-48.75°	4	4	5	5	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	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	3	4	4	4	4	4	4	4	4	4	4
-55°	3	3	3	3	3	4	4	4	4	4	4
-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	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	2	2	2	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	1	1	1	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	0	0	0	0	0	0	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°	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°	2	2	2	2	2	2	2	2	2	2	2
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°	3	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	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	5	5	5	5	5	5	5	5	5	5
47.5°	6	6	6	6	6	6	6	6	6	6	6
46.25°	6	6	6	6	6	6	6	6	6	6	6
45°	6	6	6	6	6	6	7	6	6	6	6
43.75°	7	7	7	7	7	7	7	7	7	7	7
42.5°	8	8	8	8	8	8	8	8	8	8	8
41.25°	10	11	11	11	12	12	12	12	12	11	11
40°	14	14	15	15	16	16	16	16	16	15	15
38.75°	18	18	18	19	19	19	19	19	19	19	18
37.5°	21	22	22	22	23	23	23	23	23	22	22
36.25°	25	26	26	27	27	27	27	27	27	27	26
35°	29	30	31	31	32	32	32	32	32	31	31



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	39	42	44	46	47	48	48	48	47	46	44
32.5°	54	57	60	62	63	64	64	64	63	62	60
31.25°	84	95	104	111	116	119	120	119	116	111	104
30°	139	150	160	167	173	176	177	176	173	167	160
28.75°	198	213	226	236	243	248	249	248	243	236	226
27.5°	268	285	298	309	317	322	324	322	317	309	298
26.25°	340	357	371	381	389	394	395	394	389	381	371
25°	407	423	435	445	452	457	458	457	452	445	435
23.75°	465	478	488	497	501	504	505	504	501	497	488
22.5°	507	517	525	531	536	538	539	538	536	531	525
21.25°	540	550	561	570	577	581	582	581	577	570	561
20°	580	597	614	628	638	644	646	644	638	628	614
18.75°	638	665	689	709	725	736	740	736	725	709	689
17.5°	717	759	794	824	849	865	870	865	849	824	794
16.25°	828	884	932	979	1014	1035	1042	1035	1014	979	932
15°	969	1047	1115	1172	1214	1240	1248	1240	1214	1172	1115
13.75°	1143	1235	1323	1396	1449	1484	1495	1484	1449	1396	1323
12.5°	1337	1453	1558	1643	1710	1751	1765	1751	1710	1643	1558
11.25°	1549	1686	1811	1913	1991	2039	2055	2039	1991	1913	1811
10°	1770	1931	2074	2193	2282	2337	2355	2337	2282	2193	2074
8.75°	1995	2177	2339	2471	2570	2631	2651	2631	2570	2471	2339
7.5°	2213	2414	2592	2736	2843	2906	2928	2906	2843	2736	2592
6.25°	2414	2633	2824	2973	3082	3148	3170	3148	3082	2973	2824
5°	2592	2824	3018	3171	3280	3347	3371	3347	3280	3171	3018
3.75°	2736	2973	3171	3324	3434	3504	3525	3504	3434	3324	3171
2.5°	2843	3082	3280	3434	3547	3614	3632	3614	3547	3434	3280
1.25°	2906	3148	3347	3504	3614	3671	3691	3671	3614	3504	3347
0°	2928	3170	3371	3525	3632	3691	3724	3691	3632	3525	3371
-1.25°	2906	3148	3347	3504	3614	3671	3691	3671	3614	3504	3347
-2.5°	2843	3082	3280	3434	3547	3614	3632	3614	3547	3434	3280
-3.75°	2736	2973	3171	3324	3434	3504	3525	3504	3434	3324	3171
-5°	2592	2824	3018	3171	3280	3347	3371	3347	3280	3171	3018
-6.25°	2414	2633	2824	2973	3082	3148	3170	3148	3082	2973	2824
-7.5°	2213	2414	2592	2736	2843	2906	2928	2906	2843	2736	2592
-8.75°	1995	2177	2339	2471	2570	2631	2651	2631	2570	2471	2339
-10°	1770	1931	2074	2193	2282	2337	2355	2337	2282	2193	2074
-11.25°	1549	1686	1811	1913	1991	2039	2055	2039	1991	1913	1811
-12.5°	1337	1453	1558	1643	1710	1751	1765	1751	1710	1643	1558
-13.75°	1143	1235	1323	1396	1449	1484	1495	1484	1449	1396	1323
-15°	969	1047	1115	1172	1214	1240	1248	1240	1214	1172	1115
-16.25°	828	884	932	979	1014	1035	1042	1035	1014	979	932
-17.5°	717	759	794	824	849	865	870	865	849	824	794
-18.75°	638	665	689	709	725	736	740	736	725	709	689
-20°	580	597	614	628	638	644	646	644	638	628	614
-21.25°	540	550	561	570	577	581	582	581	577	570	561



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	507	517	525	531	536	538	539	538	536	531	525
-23.75°	465	478	488	497	501	504	505	504	501	497	488
-25°	407	423	435	445	452	457	458	457	452	445	435
-26.25°	340	357	371	381	389	394	395	394	389	381	371
-27.5°	268	285	298	309	317	322	324	322	317	309	298
-28.75°	198	213	226	236	243	248	249	248	243	236	226
-30°	139	150	160	167	173	176	177	176	173	167	160
-31.25°	84	95	104	111	116	119	120	119	116	111	104
-32.5°	54	57	60	62	63	64	64	64	63	62	60
-33.75°	39	42	44	46	47	48	48	48	47	46	44
-35°	29	30	31	31	32	32	32	32	32	31	31
-36.25°	25	26	26	27	27	27	27	27	27	27	26
-37.5°	21	22	22	22	23	23	23	23	23	22	22
-38.75°	18	18	18	19	19	19	19	19	19	19	18
-40°	14	14	15	15	16	16	16	16	16	15	15
-41.25°	10	11	11	11	12	12	12	12	12	11	11
-42.5°	8	8	8	8	8	8	8	8	8	8	8
-43.75°	7	7	7	7	7	7	7	7	7	7	7
-45°	6	6	6	6	6	6	7	6	6	6	6
-46.25°	6	6	6	6	6	6	6	6	6	6	6
-47.5°	6	6	6	6	6	6	6	6	6	6	6
-48.75°	5	5	5	5	5	5	5	5	5	5	5
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	5	5	5	5	5	5	5	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°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	3	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°	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°	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	0	0	0	0	0	0	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	0	0	0	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°	2	2	2	2	2	2	1	1	1	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°	2	2	2	2	2	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	2	2	2	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	3	3	3	3	3	3	3	3	3	3
55°	4	4	4	4	4	4	4	4	3	3	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	4	4	4	4	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	5	5
47.5°	6	6	6	6	6	5	5	5	5	5	5
46.25°	6	6	6	6	6	6	6	6	6	5	5
45°	6	6	6	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	7	7	6	6
41.25°	11	10	10	9	8	8	8	8	7	7	7
40°	14	14	13	13	12	11	10	9	8	8	7
38.75°	18	18	17	16	15	14	13	12	11	10	8
37.5°	22	21	20	20	19	18	17	16	15	13	12
36.25°	26	25	24	23	22	21	20	19	18	16	15
35°	30	29	29	27	26	25	24	22	21	20	18



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	42	39	35	32	31	29	28	26	25	23	21
32.5°	57	54	51	47	42	37	32	30	29	27	25
31.25°	95	84	72	62	57	52	47	41	34	31	29
30°	150	139	126	110	93	74	61	55	48	41	33
28.75°	213	198	180	163	145	126	104	81	62	54	46
27.5°	285	268	249	227	203	177	154	130	104	76	59
26.25°	357	340	319	296	270	241	211	179	151	123	93
25°	423	407	387	364	338	307	275	240	204	168	137
23.75°	478	465	447	426	401	372	339	302	263	223	181
22.5°	517	507	495	477	457	430	399	363	323	280	236
21.25°	550	540	528	515	500	478	451	418	380	337	291
20°	597	580	563	546	530	513	493	466	431	390	345
18.75°	665	638	612	586	562	542	523	502	473	437	394
17.5°	759	717	681	642	608	577	550	528	506	476	437
16.25°	884	828	773	716	669	624	586	554	530	506	473
15°	1047	969	892	815	747	686	633	589	554	528	502
13.75°	1235	1143	1042	937	847	763	692	633	586	550	523
12.5°	1453	1337	1212	1087	966	857	763	686	624	577	542
11.25°	1686	1549	1401	1247	1104	966	847	747	669	608	562
10°	1931	1770	1598	1422	1247	1087	937	815	716	642	586
8.75°	2177	1995	1799	1598	1401	1212	1042	892	773	681	612
7.5°	2414	2213	1995	1770	1549	1337	1143	969	828	717	638
6.25°	2633	2414	2177	1931	1686	1453	1235	1047	884	759	665
5°	2824	2592	2339	2074	1811	1558	1323	1115	932	794	689
3.75°	2973	2736	2471	2193	1913	1643	1396	1172	979	824	709
2.5°	3082	2843	2570	2282	1991	1710	1449	1214	1014	849	725
1.25°	3148	2906	2631	2337	2039	1751	1484	1240	1035	865	736
0°	3170	2928	2651	2355	2055	1765	1495	1248	1042	870	740
-1.25°	3148	2906	2631	2337	2039	1751	1484	1240	1035	865	736
-2.5°	3082	2843	2570	2282	1991	1710	1449	1214	1014	849	725
-3.75°	2973	2736	2471	2193	1913	1643	1396	1172	979	824	709
-5°	2824	2592	2339	2074	1811	1558	1323	1115	932	794	689
-6.25°	2633	2414	2177	1931	1686	1453	1235	1047	884	759	665
-7.5°	2414	2213	1995	1770	1549	1337	1143	969	828	717	638
-8.75°	2177	1995	1799	1598	1401	1212	1042	892	773	681	612
-10°	1931	1770	1598	1422	1247	1087	937	815	716	642	586
-11.25°	1686	1549	1401	1247	1104	966	847	747	669	608	562
-12.5°	1453	1337	1212	1087	966	857	763	686	624	577	542
-13.75°	1235	1143	1042	937	847	763	692	633	586	550	523
-15°	1047	969	892	815	747	686	633	589	554	528	502
-16.25°	884	828	773	716	669	624	586	554	530	506	473
-17.5°	759	717	681	642	608	577	550	528	506	476	437
-18.75°	665	638	612	586	562	542	523	502	473	437	394
-20°	597	580	563	546	530	513	493	466	431	390	345
-21.25°	550	540	528	515	500	478	451	418	380	337	291



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	517	507	495	477	457	430	399	363	323	280	236
-23.75°	478	465	447	426	401	372	339	302	263	223	181
-25°	423	407	387	364	338	307	275	240	204	168	137
-26.25°	357	340	319	296	270	241	211	179	151	123	93
-27.5°	285	268	249	227	203	177	154	130	104	76	59
-28.75°	213	198	180	163	145	126	104	81	62	54	46
-30°	150	139	126	110	93	74	61	55	48	41	33
-31.25°	95	84	72	62	57	52	47	41	34	31	29
-32.5°	57	54	51	47	42	37	32	30	29	27	25
-33.75°	42	39	35	32	31	29	28	26	25	23	21
-35°	30	29	29	27	26	25	24	22	21	20	18
-36.25°	26	25	24	23	22	21	20	19	18	16	15
-37.5°	22	21	20	20	19	18	17	16	15	13	12
-38.75°	18	18	17	16	15	14	13	12	11	10	8
-40°	14	14	13	13	12	11	10	9	8	8	7
-41.25°	11	10	10	9	8	8	8	8	7	7	7
-42.5°	8	8	8	7	7	7	7	7	7	6	6
-43.75°	7	7	7	7	7	6	6	6	6	6	6
-45°	6	6	6	6	6	6	6	6	6	6	6
-46.25°	6	6	6	6	6	6	6	6	6	5	5
-47.5°	6	6	6	6	6	5	5	5	5	5	5
-48.75°	5	5	5	5	5	5	5	5	5	5	5
-50°	5	5	5	5	5	5	5	5	4	4	4
-51.25°	5	5	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	3	3	3
-56.25°	4	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	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	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	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	0	0	0	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	1	1	1	1	1	1	1	1
67.5°	2	2	2	2	2	2	2	2	1	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	2	2	2	2	2	2	2	2	2
60°	3	3	3	3	3	3	2	2	2	2	2
58.75°	3	3	3	3	3	3	3	3	3	2	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	3	3	3	3	3	3	3	3	3	3
52.5°	4	4	4	4	3	3	3	3	3	3	3
51.25°	4	4	4	4	4	4	4	3	3	3	3
50°	4	4	4	4	4	4	4	4	4	3	3
48.75°	4	4	4	4	4	4	4	4	4	4	4
47.5°	5	5	5	4	4	4	4	4	4	4	4
46.25°	5	5	5	5	5	4	4	4	4	4	4
45°	6	5	5	5	5	5	5	4	4	4	4
43.75°	6	6	6	6	5	5	5	5	5	4	4
42.5°	6	6	6	6	6	6	5	5	5	5	5
41.25°	6	6	6	6	6	6	6	5	5	5	5
40°	7	7	7	6	6	6	6	6	6	5	5
38.75°	8	8	7	7	6	6	6	6	6	6	5
37.5°	10	9	8	8	7	7	6	6	6	6	6
36.25°	13	12	10	8	8	7	7	6	6	6	6
35°	17	15	13	11	9	8	8	7	7	6	6



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	18	16	14	12	10	8	8	7	7	6
32.5°	23	21	19	17	15	13	11	9	8	7	7
31.25°	26	24	22	20	18	16	14	11	9	8	7
30°	30	28	25	23	21	18	16	14	11	9	8
28.75°	38	31	29	26	23	21	19	16	14	11	9
27.5°	51	42	32	29	26	24	21	19	16	14	11
26.25°	63	54	44	34	30	27	24	21	18	16	13
25°	104	70	56	45	35	30	26	23	21	18	15
23.75°	147	111	75	56	45	34	29	26	23	20	17
22.5°	191	151	114	75	56	44	32	29	25	22	19
21.25°	243	194	151	111	70	54	42	31	28	24	21
20°	294	243	191	147	104	63	51	38	30	26	23
18.75°	345	291	236	181	137	93	59	46	33	29	25
17.5°	390	337	280	223	168	123	76	54	41	31	27
16.25°	431	380	323	263	204	151	104	62	48	34	29
15°	466	418	363	302	240	179	130	81	55	41	30
13.75°	493	451	399	339	275	211	154	104	61	47	32
12.5°	513	478	430	372	307	241	177	126	74	52	37
11.25°	530	500	457	401	338	270	203	145	93	57	42
10°	546	515	477	426	364	296	227	163	110	62	47
8.75°	563	528	495	447	387	319	249	180	126	72	51
7.5°	580	540	507	465	407	340	268	198	139	84	54
6.25°	597	550	517	478	423	357	285	213	150	95	57
5°	614	561	525	488	435	371	298	226	160	104	60
3.75°	628	570	531	497	445	381	309	236	167	111	62
2.5°	638	577	536	501	452	389	317	243	173	116	63
1.25°	644	581	538	504	457	394	322	248	176	119	64
0°	646	582	539	505	458	395	324	249	177	120	64
-1.25°	644	581	538	504	457	394	322	248	176	119	64
-2.5°	638	577	536	501	452	389	317	243	173	116	63
-3.75°	628	570	531	497	445	381	309	236	167	111	62
-5°	614	561	525	488	435	371	298	226	160	104	60
-6.25°	597	550	517	478	423	357	285	213	150	95	57
-7.5°	580	540	507	465	407	340	268	198	139	84	54
-8.75°	563	528	495	447	387	319	249	180	126	72	51
-10°	546	515	477	426	364	296	227	163	110	62	47
-11.25°	530	500	457	401	338	270	203	145	93	57	42
-12.5°	513	478	430	372	307	241	177	126	74	52	37
-13.75°	493	451	399	339	275	211	154	104	61	47	32
-15°	466	418	363	302	240	179	130	81	55	41	30
-16.25°	431	380	323	263	204	151	104	62	48	34	29
-17.5°	390	337	280	223	168	123	76	54	41	31	27
-18.75°	345	291	236	181	137	93	59	46	33	29	25
-20°	294	243	191	147	104	63	51	38	30	26	23
-21.25°	243	194	151	111	70	54	42	31	28	24	21



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	191	151	114	75	56	44	32	29	25	22	19
-23.75°	147	111	75	56	45	34	29	26	23	20	17
-25°	104	70	56	45	35	30	26	23	21	18	15
-26.25°	63	54	44	34	30	27	24	21	18	16	13
-27.5°	51	42	32	29	26	24	21	19	16	14	11
-28.75°	38	31	29	26	23	21	19	16	14	11	9
-30°	30	28	25	23	21	18	16	14	11	9	8
-31.25°	26	24	22	20	18	16	14	11	9	8	7
-32.5°	23	21	19	17	15	13	11	9	8	7	7
-33.75°	20	18	16	14	12	10	8	8	7	7	6
-35°	17	15	13	11	9	8	8	7	7	6	6
-36.25°	13	12	10	8	8	7	7	6	6	6	6
-37.5°	10	9	8	8	7	7	6	6	6	6	6
-38.75°	8	8	7	7	6	6	6	6	6	6	5
-40°	7	7	7	6	6	6	6	6	6	5	5
-41.25°	6	6	6	6	6	6	6	5	5	5	5
-42.5°	6	6	6	6	6	6	5	5	5	5	5
-43.75°	6	6	6	6	5	5	5	5	5	4	4
-45°	6	5	5	5	5	5	5	4	4	4	4
-46.25°	5	5	5	5	5	4	4	4	4	4	4
-47.5°	5	5	5	4	4	4	4	4	4	4	4
-48.75°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	3	3
-51.25°	4	4	4	4	4	4	4	3	3	3	3
-52.5°	4	4	4	4	3	3	3	3	3	3	3
-53.75°	4	3	3	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	2	2
-60°	3	3	3	3	3	3	2	2	2	2	2
-61.25°	3	3	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	1	1	1
-68.75°	2	2	2	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0	0	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	2	1	1	1	1	1	1	1	1	1	1
65°	2	2	2	2	1	1	1	1	1	1	1
63.75°	2	2	2	2	2	2	1	1	1	1	1
62.5°	2	2	2	2	2	2	2	2	1	1	1
61.25°	2	2	2	2	2	2	2	2	2	2	1
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	3	2	2	2	2	2	2	2	2	2	2
56.25°	3	3	3	2	2	2	2	2	2	2	2
55°	3	3	3	3	3	2	2	2	2	2	2
53.75°	3	3	3	3	3	3	2	2	2	2	2
52.5°	3	3	3	3	3	3	3	3	2	2	2
51.25°	3	3	3	3	3	3	3	3	3	2	2
50°	3	3	3	3	3	3	3	3	3	3	2
48.75°	3	3	3	3	3	3	3	3	3	3	3
47.5°	4	4	3	3	3	3	3	3	3	3	3
46.25°	4	4	4	3	3	3	3	3	3	3	3
45°	4	4	4	4	3	3	3	3	3	3	3
43.75°	4	4	4	4	4	4	3	3	3	3	3
42.5°	4	4	4	4	4	4	4	3	3	3	3
41.25°	5	4	4	4	4	4	4	4	3	3	3
40°	5	5	4	4	4	4	4	4	4	3	3
38.75°	5	5	5	4	4	4	4	4	4	3	3
37.5°	5	5	5	5	4	4	4	4	4	4	3
36.25°	6	5	5	5	5	4	4	4	4	4	4
35°	6	6	5	5	5	5	4	4	4	4	4



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	5	5	5	5	4	4	4	4
32.5°	6	6	6	6	5	5	5	5	4	4	4
31.25°	7	6	6	6	6	5	5	5	4	4	4
30°	7	7	6	6	6	6	5	5	5	4	4
28.75°	8	7	6	6	6	6	5	5	5	4	4
27.5°	8	8	7	6	6	6	6	5	5	5	4
26.25°	10	8	7	7	6	6	6	6	5	5	4
25°	12	9	8	7	6	6	6	6	5	5	5
23.75°	14	11	8	8	7	6	6	6	6	5	5
22.5°	16	13	10	8	7	7	6	6	6	5	5
21.25°	18	15	12	9	8	7	6	6	6	5	5
20°	20	17	13	10	8	7	6	6	6	6	5
18.75°	21	18	15	12	8	7	7	6	6	6	5
17.5°	23	20	16	13	10	8	7	6	6	6	5
16.25°	25	21	18	15	11	8	7	7	6	6	6
15°	26	22	19	16	12	9	8	7	6	6	6
13.75°	28	24	20	17	13	10	8	7	6	6	6
12.5°	29	25	21	18	14	11	8	7	6	6	6
11.25°	31	26	22	19	15	12	8	7	7	6	6
10°	32	27	23	20	16	13	9	7	7	6	6
8.75°	35	29	24	20	17	13	10	8	7	6	6
7.5°	39	29	25	21	18	14	10	8	7	6	6
6.25°	42	30	26	22	18	14	11	8	7	6	6
5°	44	31	26	22	18	15	11	8	7	6	6
3.75°	46	31	27	22	19	15	11	8	7	6	6
2.5°	47	32	27	23	19	16	12	8	7	6	6
1.25°	48	32	27	23	19	16	12	8	7	6	6
0°	48	32	27	23	19	16	12	8	7	7	6
-1.25°	48	32	27	23	19	16	12	8	7	6	6
-2.5°	47	32	27	23	19	16	12	8	7	6	6
-3.75°	46	31	27	22	19	15	11	8	7	6	6
-5°	44	31	26	22	18	15	11	8	7	6	6
-6.25°	42	30	26	22	18	14	11	8	7	6	6
-7.5°	39	29	25	21	18	14	10	8	7	6	6
-8.75°	35	29	24	20	17	13	10	8	7	6	6
-10°	32	27	23	20	16	13	9	7	7	6	6
-11.25°	31	26	22	19	15	12	8	7	7	6	6
-12.5°	29	25	21	18	14	11	8	7	6	6	6
-13.75°	28	24	20	17	13	10	8	7	6	6	6
-15°	26	22	19	16	12	9	8	7	6	6	6
-16.25°	25	21	18	15	11	8	7	7	6	6	6
-17.5°	23	20	16	13	10	8	7	6	6	6	5
-18.75°	21	18	15	12	8	7	7	6	6	6	5
-20°	20	17	13	10	8	7	6	6	6	6	5
-21.25°	18	15	12	9	8	7	6	6	6	5	5



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	16	13	10	8	7	7	6	6	6	5	5
-23.75°	14	11	8	8	7	6	6	6	6	5	5
-25°	12	9	8	7	6	6	6	6	5	5	5
-26.25°	10	8	7	7	6	6	6	6	5	5	4
-27.5°	8	8	7	6	6	6	6	5	5	5	4
-28.75°	8	7	6	6	6	6	5	5	5	4	4
-30°	7	7	6	6	6	6	5	5	5	4	4
-31.25°	7	6	6	6	6	5	5	5	4	4	4
-32.5°	6	6	6	6	5	5	5	5	4	4	4
-33.75°	6	6	6	5	5	5	5	4	4	4	4
-35°	6	6	5	5	5	5	4	4	4	4	4
-36.25°	6	5	5	5	5	4	4	4	4	4	4
-37.5°	5	5	5	5	4	4	4	4	4	4	3
-38.75°	5	5	5	4	4	4	4	4	4	3	3
-40°	5	5	4	4	4	4	4	4	4	3	3
-41.25°	5	4	4	4	4	4	4	4	3	3	3
-42.5°	4	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	3	3	3	3	3	3	3
-46.25°	4	4	4	3	3	3	3	3	3	3	3
-47.5°	4	4	3	3	3	3	3	3	3	3	3
-48.75°	3	3	3	3	3	3	3	3	3	3	3
-50°	3	3	3	3	3	3	3	3	3	3	2
-51.25°	3	3	3	3	3	3	3	3	3	2	2
-52.5°	3	3	3	3	3	3	3	3	2	2	2
-53.75°	3	3	3	3	3	3	2	2	2	2	2
-55°	3	3	3	3	3	2	2	2	2	2	2
-56.25°	3	3	3	2	2	2	2	2	2	2	2
-57.5°	3	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	1
-62.5°	2	2	2	2	2	2	2	2	1	1	1
-63.75°	2	2	2	2	2	2	1	1	1	1	1
-65°	2	2	2	2	1	1	1	1	1	1	1
-66.25°	2	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0	0	0	0	0	0	0	0	0	0
81.25°	1	1	1	1	1	1	1	0	0	0	0
80°	1	1	1	1	1	1	1	1	1	1	0
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	2	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	2	1	1	1	1	1	1	1
56.25°	2	2	2	2	2	1	1	1	1	1	1
55°	2	2	2	2	2	2	1	1	1	1	1
53.75°	2	2	2	2	2	2	2	1	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	1	1
48.75°	2	2	2	2	2	2	2	2	2	2	1
47.5°	3	2	2	2	2	2	2	2	2	2	2
46.25°	3	3	2	2	2	2	2	2	2	2	2
45°	3	3	3	2	2	2	2	2	2	2	2
43.75°	3	3	3	3	2	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	2	2	2	2	2	2
40°	3	3	3	3	3	3	2	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	2	2	2	2
36.25°	3	3	3	3	3	3	3	3	2	2	2
35°	4	3	3	3	3	3	3	3	2	2	2



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	3	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	3	3	3	3	3	3	3	2	2
30°	4	4	4	3	3	3	3	3	3	3	2
28.75°	4	4	4	3	3	3	3	3	3	3	2
27.5°	4	4	4	4	3	3	3	3	3	3	2
26.25°	4	4	4	4	3	3	3	3	3	3	3
25°	4	4	4	4	3	3	3	3	3	3	3
23.75°	4	4	4	4	4	3	3	3	3	3	3
22.5°	5	4	4	4	4	3	3	3	3	3	3
21.25°	5	4	4	4	4	3	3	3	3	3	3
20°	5	4	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	4	4	4	4	3	3	3	3	3
16.25°	5	5	4	4	4	4	3	3	3	3	3
15°	5	5	5	4	4	4	4	3	3	3	3
13.75°	5	5	5	4	4	4	4	3	3	3	3
12.5°	5	5	5	4	4	4	4	3	3	3	3
11.25°	6	5	5	4	4	4	4	3	3	3	3
10°	6	5	5	4	4	4	4	3	3	3	3
8.75°	6	5	5	4	4	4	4	3	3	3	3
7.5°	6	5	5	5	4	4	4	3	3	3	3
6.25°	6	5	5	5	4	4	4	4	3	3	3
5°	6	5	5	5	4	4	4	4	3	3	3
3.75°	6	5	5	5	4	4	4	4	3	3	3
2.5°	6	5	5	5	4	4	4	4	3	3	3
1.25°	6	5	5	5	4	4	4	4	3	3	3
0°	6	5	5	5	4	4	4	4	3	3	3
-1.25°	6	5	5	5	4	4	4	4	3	3	3
-2.5°	6	5	5	5	4	4	4	4	3	3	3
-3.75°	6	5	5	5	4	4	4	4	3	3	3
-5°	6	5	5	5	4	4	4	4	3	3	3
-6.25°	6	5	5	5	4	4	4	4	3	3	3
-7.5°	6	5	5	5	4	4	4	3	3	3	3
-8.75°	6	5	5	4	4	4	4	3	3	3	3
-10°	6	5	5	4	4	4	4	3	3	3	3
-11.25°	6	5	5	4	4	4	4	3	3	3	3
-12.5°	5	5	5	4	4	4	4	3	3	3	3
-13.75°	5	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	4	4	4	4	3	3	3	3	3
-17.5°	5	5	4	4	4	4	3	3	3	3	3
-18.75°	5	5	4	4	4	4	3	3	3	3	3
-20°	5	4	4	4	4	4	3	3	3	3	3
-21.25°	5	4	4	4	4	3	3	3	3	3	3



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	4	4	4	4	3	3	3	3	3	3
-23.75°	4	4	4	4	4	3	3	3	3	3	3
-25°	4	4	4	4	3	3	3	3	3	3	3
-26.25°	4	4	4	4	3	3	3	3	3	3	3
-27.5°	4	4	4	4	3	3	3	3	3	3	2
-28.75°	4	4	4	3	3	3	3	3	3	3	2
-30°	4	4	4	3	3	3	3	3	3	3	2
-31.25°	4	4	3	3	3	3	3	3	3	2	2
-32.5°	4	4	3	3	3	3	3	3	3	2	2
-33.75°	4	3	3	3	3	3	3	3	3	2	2
-35°	4	3	3	3	3	3	3	3	2	2	2
-36.25°	3	3	3	3	3	3	3	3	2	2	2
-37.5°	3	3	3	3	3	3	3	2	2	2	2
-38.75°	3	3	3	3	3	3	3	2	2	2	2
-40°	3	3	3	3	3	3	2	2	2	2	2
-41.25°	3	3	3	3	3	2	2	2	2	2	2
-42.5°	3	3	3	3	3	2	2	2	2	2	2
-43.75°	3	3	3	3	2	2	2	2	2	2	2
-45°	3	3	3	2	2	2	2	2	2	2	2
-46.25°	3	3	2	2	2	2	2	2	2	2	2
-47.5°	3	2	2	2	2	2	2	2	2	2	2
-48.75°	2	2	2	2	2	2	2	2	2	2	1
-50°	2	2	2	2	2	2	2	2	2	1	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	1	1	1	1
-55°	2	2	2	2	2	2	1	1	1	1	1
-56.25°	2	2	2	2	2	1	1	1	1	1	1
-57.5°	2	2	2	2	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	1	1



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0
-81.25°	1	1	1	1	1	1	1	0	0	0	0
-82.5°	1	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	0	0	0	0	0	0	0	0	0	0	0
78.75°	1	1	0	0	0	0	0	0	0	0	0
77.5°	1	1	1	1	1	0	0	0	0	0	0
76.25°	1	1	1	1	1	1	0	0	0	0	0
75°	1	1	1	1	1	1	1	1	0	0	0
73.75°	1	1	1	1	1	1	1	1	1	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	0
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°	1	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	1	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	1	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	1	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	1	1	1	1	1	1	1



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	1	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	1	1	1	1	1
23.75°	2	2	2	2	2	2	1	1	1	1	1
22.5°	2	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	2	2	2	2	2	2	1	1	1	1
16.25°	3	2	2	2	2	2	2	1	1	1	1
15°	3	2	2	2	2	2	2	1	1	1	1
13.75°	3	3	2	2	2	2	2	1	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	2	2	2	2	2	2	1	1	1
6.25°	3	3	2	2	2	2	2	2	1	1	1
5°	3	3	2	2	2	2	2	2	1	1	1
3.75°	3	3	2	2	2	2	2	2	1	1	1
2.5°	3	3	2	2	2	2	2	2	1	1	1
1.25°	3	3	2	2	2	2	2	2	1	1	1
0°	3	3	2	2	2	2	2	2	1	1	1
-1.25°	3	3	2	2	2	2	2	2	1	1	1
-2.5°	3	3	2	2	2	2	2	2	1	1	1
-3.75°	3	3	2	2	2	2	2	2	1	1	1
-5°	3	3	2	2	2	2	2	2	1	1	1
-6.25°	3	3	2	2	2	2	2	2	1	1	1
-7.5°	3	3	2	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	1	1	1	1
-15°	3	2	2	2	2	2	2	1	1	1	1
-16.25°	3	2	2	2	2	2	2	1	1	1	1
-17.5°	3	2	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	2	2	2	2	2	2	2	1	1	1	1
-23.75°	2	2	2	2	2	2	1	1	1	1	1
-25°	2	2	2	2	2	2	1	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	1	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	1	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	1	1	1	1	1	1	1	1
-40°	2	2	2	1	1	1	1	1	1	1	1
-41.25°	2	2	1	1	1	1	1	1	1	1	1
-42.5°	2	2	1	1	1	1	1	1	1	1	1
-43.75°	2	1	1	1	1	1	1	1	1	1	1
-45°	2	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°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	0
-73.75°	1	1	1	1	1	1	1	1	1	0	0
-75°	1	1	1	1	1	1	1	1	0	0	0
-76.25°	1	1	1	1	1	1	0	0	0	0	0
-77.5°	1	1	1	1	1	0	0	0	0	0	0



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	0	0	0	0	0	0	0	0	0	0	0
70°	1	0	0	0	0	0	0	0	0	0	0
68.75°	1	0	0	0	0	0	0	0	0	0	0
67.5°	1	1	0	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	0	0	0	0	0	0	0	0
63.75°	1	1	1	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	0	0	0	0	0	0	0
61.25°	1	1	1	1	0	0	0	0	0	0	0
60°	1	1	1	1	0	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	0	0	0	0	0	0
56.25°	1	1	1	1	1	0	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	0	0	0	0	0
50°	1	1	1	1	1	1	0	0	0	0	0
48.75°	1	1	1	1	1	1	0	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	0	0	0	0
41.25°	1	1	1	1	1	1	1	0	0	0	0
40°	1	1	1	1	1	1	1	0	0	0	0
38.75°	1	1	1	1	1	1	1	0	0	0	0
37.5°	1	1	1	1	1	1	1	0	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0	0	0
21.25°	1	1	1	1	1	1	1	1	0	0	0
20°	1	1	1	1	1	1	1	1	0	0	0
18.75°	1	1	1	1	1	1	1	1	0	0	0
17.5°	1	1	1	1	1	1	1	1	0	0	0
16.25°	1	1	1	1	1	1	1	1	0	0	0
15°	1	1	1	1	1	1	1	1	0	0	0
13.75°	1	1	1	1	1	1	1	1	0	0	0
12.5°	1	1	1	1	1	1	1	1	0	0	0
11.25°	1	1	1	1	1	1	1	1	0	0	0
10°	1	1	1	1	1	1	1	1	0	0	0
8.75°	1	1	1	1	1	1	1	1	0	0	0
7.5°	1	1	1	1	1	1	1	1	0	0	0
6.25°	1	1	1	1	1	1	1	1	0	0	0
5°	1	1	1	1	1	1	1	1	0	0	0
3.75°	1	1	1	1	1	1	1	1	0	0	0
2.5°	1	1	1	1	1	1	1	1	0	0	0
1.25°	1	1	1	1	1	1	1	1	0	0	0
0°	1	1	1	1	1	1	1	1	1	0	0
-1.25°	1	1	1	1	1	1	1	1	0	0	0
-2.5°	1	1	1	1	1	1	1	1	0	0	0
-3.75°	1	1	1	1	1	1	1	1	0	0	0
-5°	1	1	1	1	1	1	1	1	0	0	0
-6.25°	1	1	1	1	1	1	1	1	0	0	0
-7.5°	1	1	1	1	1	1	1	1	0	0	0
-8.75°	1	1	1	1	1	1	1	1	0	0	0
-10°	1	1	1	1	1	1	1	1	0	0	0
-11.25°	1	1	1	1	1	1	1	1	0	0	0
-12.5°	1	1	1	1	1	1	1	1	0	0	0
-13.75°	1	1	1	1	1	1	1	1	0	0	0
-15°	1	1	1	1	1	1	1	1	0	0	0
-16.25°	1	1	1	1	1	1	1	1	0	0	0
-17.5°	1	1	1	1	1	1	1	1	0	0	0
-18.75°	1	1	1	1	1	1	1	1	0	0	0
-20°	1	1	1	1	1	1	1	1	0	0	0
-21.25°	1	1	1	1	1	1	1	1	0	0	0



REPORT NUMBER: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0	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	0	0	0	0
-38.75°	1	1	1	1	1	1	1	0	0	0	0
-40°	1	1	1	1	1	1	1	0	0	0	0
-41.25°	1	1	1	1	1	1	1	0	0	0	0
-42.5°	1	1	1	1	1	1	1	0	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	0	0	0	0	0
-50°	1	1	1	1	1	1	0	0	0	0	0
-51.25°	1	1	1	1	1	1	0	0	0	0	0
-52.5°	1	1	1	1	1	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	0	0	0	0	0	0
-57.5°	1	1	1	1	1	0	0	0	0	0	0
-58.75°	1	1	1	1	1	0	0	0	0	0	0
-60°	1	1	1	1	0	0	0	0	0	0	0
-61.25°	1	1	1	1	0	0	0	0	0	0	0
-62.5°	1	1	1	1	0	0	0	0	0	0	0
-63.75°	1	1	1	0	0	0	0	0	0	0	0
-65°	1	1	1	0	0	0	0	0	0	0	0
-66.25°	1	1	1	0	0	0	0	0	0	0	0
-67.5°	1	1	0	0	0	0	0	0	0	0	0
-68.75°	1	0	0	0	0	0	0	0	0	0	0
-70°	1	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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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: P220661 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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)