

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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-FL-LED5080-M-BK-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29422)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-BK-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,  
MEDIUM FLOOD OPTIC, BLACK HOUSING.  
Light Source: (1) 5000K CCT, 80 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

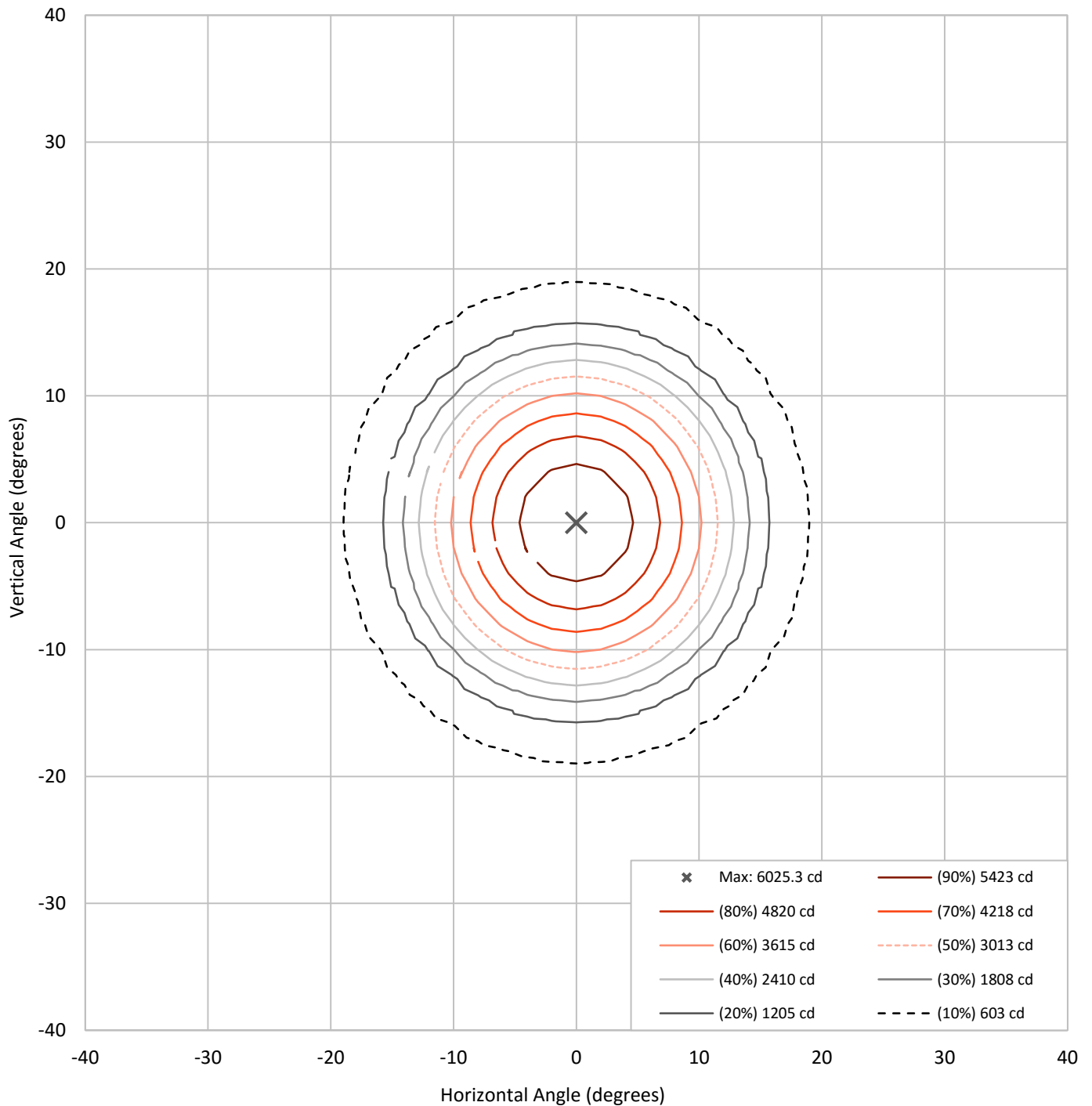
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	1074 lumens	Max Intensity:	6025.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.4 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	23.1°H x 23.1°V	Field Angle (10%):	37.5°H x 37.5°V
Beam Lumens:	561.4 lumens	Field Lumens:	861.8 lumens
Beam Efficiency:	52.3%	Field Efficiency:	80.2%
Input Watts (W):	10		
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: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-BK-L1-UNV

### Iso-Candela Plot





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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-BK-L1-UNV

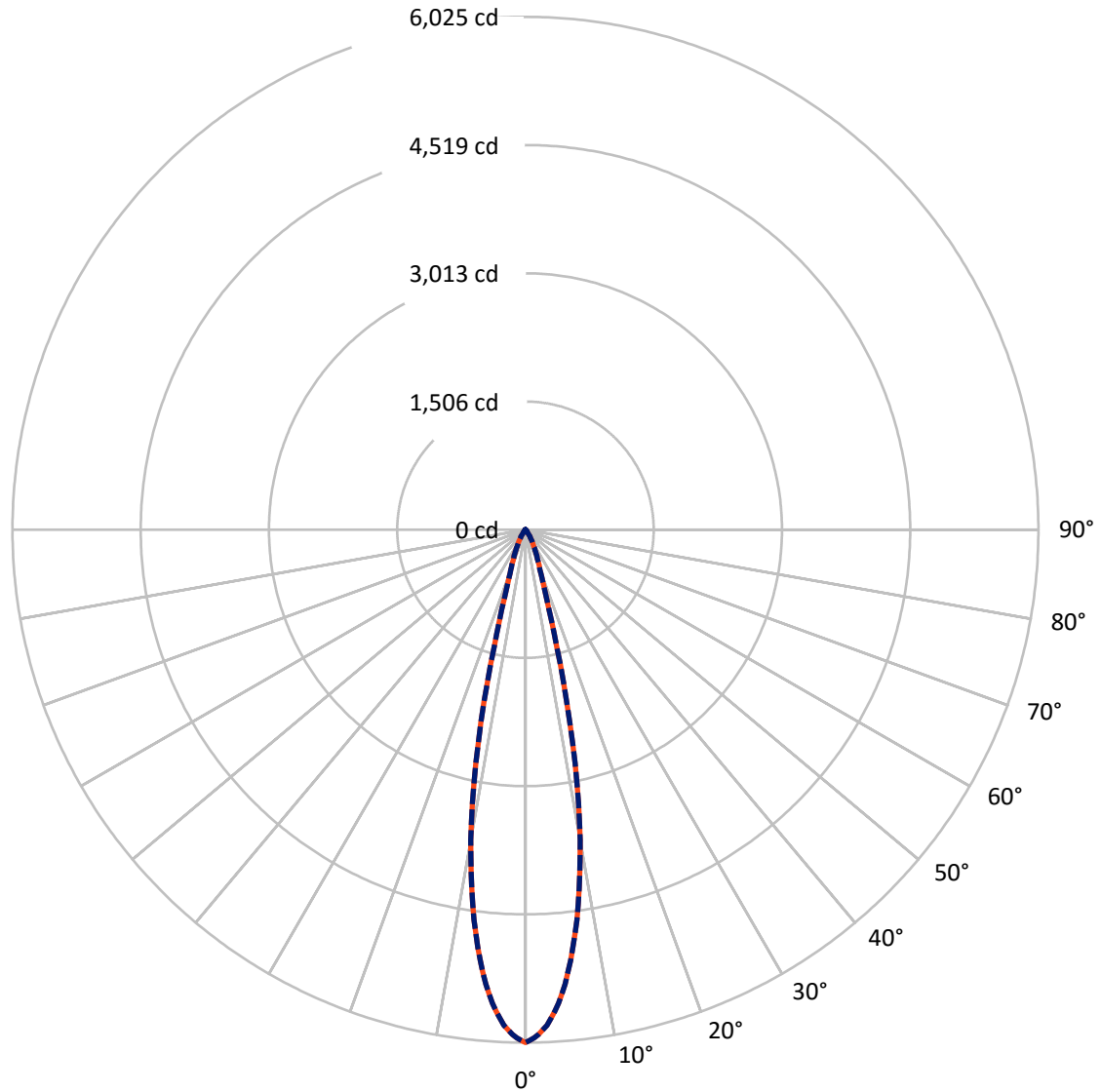
### Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60		0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0		
50	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	
40		0.0	0.0	0.1	0.2	0.6	1.3	2.1	2.1	1.3	0.6	0.2	0.1	0.0	0.0		
30	0.0	0.0	0.0	0.1	0.5	2.1	5.1	8.1	8.1	5.1	2.1	0.5	0.1	0.0	0.0	0.0	
20		0.0	0.1	0.2	1.2	4.8	14.4	41.5	41.5	14.4	4.8	1.2	0.2	0.1	0.0		
10	0.0	0.0	0.1	0.3	1.8	7.4	40.5	134.3	134.3	40.5	7.4	1.8	0.3	0.1	0.0	0.0	
0		0.0	0.1	0.3	1.8	7.4	40.5	134.3	134.3	40.5	7.4	1.8	0.3	0.1	0.0		
-10	0.0	0.0	0.1	0.3	1.8	7.4	40.5	134.3	134.3	40.5	7.4	1.8	0.3	0.1	0.0	0.0	
-20		0.0	0.1	0.2	1.2	4.8	14.4	41.5	41.5	14.4	4.8	1.2	0.2	0.1	0.0		
-30	0.0	0.0	0.0	0.1	0.5	2.1	5.1	8.1	8.1	5.1	2.1	0.5	0.1	0.0	0.0	0.0	
-40		0.0	0.0	0.1	0.2	0.6	1.3	2.1	2.1	1.3	0.6	0.2	0.1	0.0	0.0		
-50	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.3	0.2	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	0.0	0.0	0.0	0.0		
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-80		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-M-BK-L1-UNV

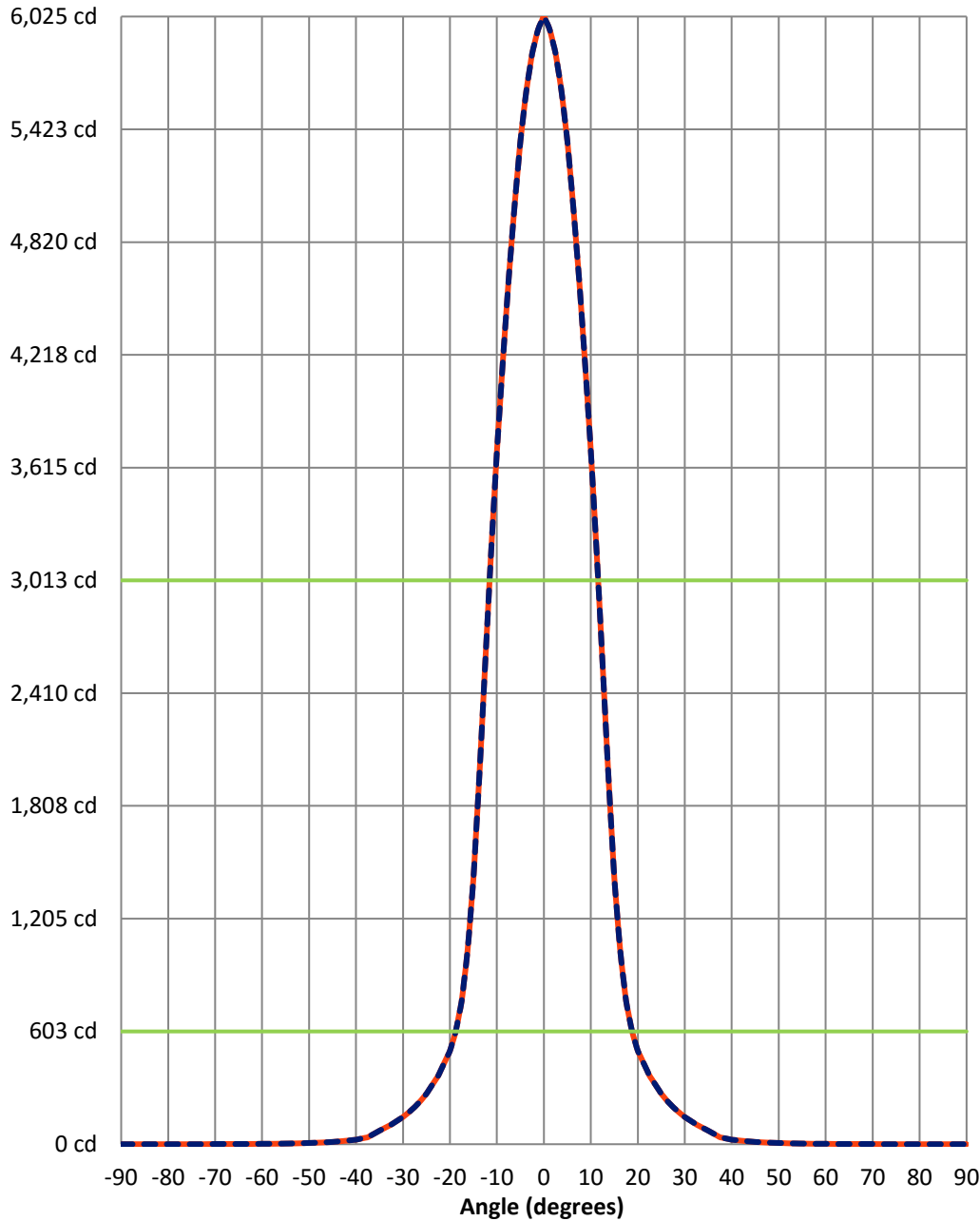
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 23.1°  
 V Angle: 23.1°  
 Lumens: 561.4  
 Efficiency: 52.3%

**Field:**  
 H Angle: 37.5°  
 V Angle: 37.5°  
 Lumens: 861.8  
 Efficiency: 80.2%

**Spill:**  
 Lumens: 212.1  
 Efficiency: 19.8%

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



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
48.75°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
46.25°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
43.75°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
41.25°	0	0	0	0	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0	0	0	0	0
38.75°	0	0	0	0	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0	0	0	0	0
36.25°	0	0	0	0	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
28.75°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
26.25°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
23.75°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
21.25°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
18.75°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
16.25°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
13.75°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
11.25°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
8.75°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
6.25°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
3.75°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
1.25°	0	0	0	0	0	0	0	0	0	0	0
0°	0	0	0	0	0	0	0	0	0	0	0
-1.25°	0	0	0	0	0	0	0	0	0	0	0
-2.5°	0	0	0	0	0	0	0	0	0	0	0
-3.75°	0	0	0	0	0	0	0	0	0	0	0
-5°	0	0	0	0	0	0	0	0	0	0	0
-6.25°	0	0	0	0	0	0	0	0	0	0	0
-7.5°	0	0	0	0	0	0	0	0	0	0	0
-8.75°	0	0	0	0	0	0	0	0	0	0	0
-10°	0	0	0	0	0	0	0	0	0	0	0
-11.25°	0	0	0	0	0	0	0	0	0	0	0
-12.5°	0	0	0	0	0	0	0	0	0	0	0
-13.75°	0	0	0	0	0	0	0	0	0	0	0
-15°	0	0	0	0	0	0	0	0	0	0	0
-16.25°	0	0	0	0	0	0	0	0	0	0	0
-17.5°	0	0	0	0	0	0	0	0	0	0	0
-18.75°	0	0	0	0	0	0	0	0	0	0	0
-20°	0	0	0	0	0	0	0	0	0	0	0
-21.25°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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	0	0	0	0	0	0	0
-23.75°	0	0	0	0	0	0	0	0	0	0	0
-25°	0	0	0	0	0	0	0	0	0	0	0
-26.25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-28.75°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, 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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
48.75°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
46.25°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
43.75°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	1
41.25°	0	0	0	0	0	0	0	0	0	0	1
40°	0	0	0	0	0	0	0	0	0	1	1
38.75°	0	0	0	0	0	0	0	0	0	1	1
37.5°	0	0	0	0	0	0	0	0	0	1	1
36.25°	0	0	0	0	0	0	0	0	1	1	1
35°	0	0	0	0	0	0	0	0	1	1	1



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	0	0	0	0	0	0	0	0	1	1	1
32.5°	0	0	0	0	0	0	0	1	1	1	1
31.25°	0	0	0	0	0	0	0	1	1	1	1
30°	0	0	0	0	0	0	0	1	1	1	1
28.75°	0	0	0	0	0	0	0	1	1	1	1
27.5°	0	0	0	0	0	0	1	1	1	1	1
26.25°	0	0	0	0	0	0	1	1	1	1	1
25°	0	0	0	0	0	0	1	1	1	1	1
23.75°	0	0	0	0	0	0	1	1	1	1	1
22.5°	0	0	0	0	0	0	1	1	1	1	1
21.25°	0	0	0	0	0	0	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	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	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	0	1	1	1	1	1



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	0	0	0	0	0	0	1	1	1	1	1
-23.75°	0	0	0	0	0	0	1	1	1	1	1
-25°	0	0	0	0	0	0	1	1	1	1	1
-26.25°	0	0	0	0	0	0	1	1	1	1	1
-27.5°	0	0	0	0	0	0	1	1	1	1	1
-28.75°	0	0	0	0	0	0	0	1	1	1	1
-30°	0	0	0	0	0	0	0	1	1	1	1
-31.25°	0	0	0	0	0	0	0	1	1	1	1
-32.5°	0	0	0	0	0	0	0	1	1	1	1
-33.75°	0	0	0	0	0	0	0	0	1	1	1
-35°	0	0	0	0	0	0	0	0	1	1	1
-36.25°	0	0	0	0	0	0	0	0	1	1	1
-37.5°	0	0	0	0	0	0	0	0	0	1	1
-38.75°	0	0	0	0	0	0	0	0	0	1	1
-40°	0	0	0	0	0	0	0	0	0	1	1
-41.25°	0	0	0	0	0	0	0	0	0	0	1
-42.5°	0	0	0	0	0	0	0	0	0	0	1
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, 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	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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	1
58.75°	0	0	0	0	0	0	0	0	0	1	1
57.5°	0	0	0	0	0	0	0	0	1	1	1
56.25°	0	0	0	0	0	0	0	1	1	1	1
55°	0	0	0	0	0	0	1	1	1	1	1
53.75°	0	0	0	0	0	1	1	1	1	1	1
52.5°	0	0	0	0	1	1	1	1	1	1	1
51.25°	0	0	0	1	1	1	1	1	1	1	1
50°	0	0	1	1	1	1	1	1	1	1	1
48.75°	0	0	1	1	1	1	1	1	1	1	1
47.5°	0	1	1	1	1	1	1	1	1	1	1
46.25°	0	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	2	2
38.75°	1	1	1	1	1	1	1	1	1	2	2
37.5°	1	1	1	1	1	1	1	1	2	2	2
36.25°	1	1	1	1	1	1	1	2	2	2	2
35°	1	1	1	1	1	1	1	2	2	2	2



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	1	1	1	1	1	1	2	2	2	2	2
32.5°	1	1	1	1	1	1	2	2	2	2	2
31.25°	1	1	1	1	1	1	2	2	2	2	3
30°	1	1	1	1	1	2	2	2	2	2	3
28.75°	1	1	1	1	1	2	2	2	2	3	3
27.5°	1	1	1	1	2	2	2	2	2	3	3
26.25°	1	1	1	1	2	2	2	2	2	3	3
25°	1	1	1	1	2	2	2	2	3	3	4
23.75°	1	1	1	1	2	2	2	2	3	3	4
22.5°	1	1	1	2	2	2	2	2	3	3	4
21.25°	1	1	1	2	2	2	2	3	3	4	4
20°	1	1	1	2	2	2	2	3	3	4	4
18.75°	1	1	1	2	2	2	2	3	3	4	4
17.5°	1	1	2	2	2	2	2	3	4	4	5
16.25°	1	1	2	2	2	2	3	3	4	4	5
15°	1	1	2	2	2	2	3	3	4	4	5
13.75°	1	1	2	2	2	2	3	3	4	4	5
12.5°	1	1	2	2	2	2	3	3	4	5	6
11.25°	1	1	2	2	2	2	3	3	4	5	6
10°	1	1	2	2	2	2	3	4	4	5	6
8.75°	1	1	2	2	2	3	3	4	4	5	6
7.5°	1	2	2	2	2	3	3	4	4	5	6
6.25°	1	2	2	2	2	3	3	4	4	5	6
5°	1	2	2	2	2	3	3	4	4	5	6
3.75°	1	2	2	2	2	3	3	4	4	5	7
2.5°	1	2	2	2	2	3	3	4	4	5	7
1.25°	1	2	2	2	2	3	3	4	4	5	7
0°	1	2	2	2	2	3	3	4	4	6	7
-1.25°	1	2	2	2	2	3	3	4	4	5	7
-2.5°	1	2	2	2	2	3	3	4	4	5	7
-3.75°	1	2	2	2	2	3	3	4	4	5	7
-5°	1	2	2	2	2	3	3	4	4	5	6
-6.25°	1	2	2	2	2	3	3	4	4	5	6
-7.5°	1	2	2	2	2	3	3	4	4	5	6
-8.75°	1	1	2	2	2	3	3	4	4	5	6
-10°	1	1	2	2	2	2	3	4	4	5	6
-11.25°	1	1	2	2	2	2	3	3	4	5	6
-12.5°	1	1	2	2	2	2	3	3	4	5	6
-13.75°	1	1	2	2	2	2	3	3	4	4	5
-15°	1	1	2	2	2	2	3	3	4	4	5
-16.25°	1	1	2	2	2	2	3	3	4	4	5
-17.5°	1	1	2	2	2	2	2	3	4	4	5
-18.75°	1	1	1	2	2	2	2	3	3	4	4
-20°	1	1	1	2	2	2	2	3	3	4	4
-21.25°	1	1	1	2	2	2	2	3	3	4	4





REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	1	1	1	2	2	2	2	2	3	3	4
-23.75°	1	1	1	1	2	2	2	2	3	3	4
-25°	1	1	1	1	2	2	2	2	3	3	4
-26.25°	1	1	1	1	2	2	2	2	2	3	3
-27.5°	1	1	1	1	2	2	2	2	2	3	3
-28.75°	1	1	1	1	1	2	2	2	2	3	3
-30°	1	1	1	1	1	2	2	2	2	2	3
-31.25°	1	1	1	1	1	1	2	2	2	2	3
-32.5°	1	1	1	1	1	1	2	2	2	2	2
-33.75°	1	1	1	1	1	1	2	2	2	2	2
-35°	1	1	1	1	1	1	1	2	2	2	2
-36.25°	1	1	1	1	1	1	1	2	2	2	2
-37.5°	1	1	1	1	1	1	1	1	2	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	2	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°	0	1	1	1	1	1	1	1	1	1	1
-47.5°	0	1	1	1	1	1	1	1	1	1	1
-48.75°	0	0	1	1	1	1	1	1	1	1	1
-50°	0	0	1	1	1	1	1	1	1	1	1
-51.25°	0	0	0	1	1	1	1	1	1	1	1
-52.5°	0	0	0	0	1	1	1	1	1	1	1
-53.75°	0	0	0	0	0	1	1	1	1	1	1
-55°	0	0	0	0	0	0	1	1	1	1	1
-56.25°	0	0	0	0	0	0	0	1	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	0	1	1
-60°	0	0	0	0	0	0	0	0	0	0	1
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, 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°	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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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	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	1	1	1	1
63.75°	0	0	0	0	0	1	1	1	1	1	1
62.5°	0	0	0	1	1	1	1	1	1	1	1
61.25°	0	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	2
52.5°	1	1	1	1	1	1	1	1	1	2	2
51.25°	1	1	1	1	1	1	1	2	2	2	2
50°	1	1	1	1	1	1	2	2	2	2	2
48.75°	1	1	1	1	2	2	2	2	2	2	2
47.5°	1	1	1	2	2	2	2	2	2	2	2
46.25°	1	1	2	2	2	2	2	2	2	3	3
45°	1	2	2	2	2	2	2	2	3	3	3
43.75°	2	2	2	2	2	2	2	3	3	3	4
42.5°	2	2	2	2	2	2	3	3	3	4	4
41.25°	2	2	2	2	2	3	3	3	4	4	4
40°	2	2	2	2	3	3	3	4	4	4	5
38.75°	2	2	2	3	3	3	4	4	4	5	6
37.5°	2	2	3	3	3	4	4	4	5	6	6
36.25°	2	2	3	3	4	4	4	5	6	6	7
35°	2	3	3	3	4	4	5	6	6	7	8



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	3	3	3	4	4	5	5	6	7	8	8
32.5°	3	3	4	4	4	5	6	7	8	8	9
31.25°	3	3	4	4	5	6	7	7	8	9	10
30°	3	4	4	5	5	6	7	8	9	10	11
28.75°	3	4	4	5	6	7	8	8	10	11	12
27.5°	4	4	5	6	6	7	8	9	10	12	13
26.25°	4	4	5	6	7	8	9	10	11	13	15
25°	4	5	6	6	7	8	9	11	12	14	16
23.75°	4	5	6	7	8	9	10	11	13	15	18
22.5°	4	5	6	7	8	9	11	12	14	17	19
21.25°	5	6	7	8	9	10	11	13	16	18	21
20°	5	6	7	8	9	10	12	14	17	19	22
18.75°	5	6	7	8	10	11	13	15	18	21	23
17.5°	6	7	8	9	10	12	14	16	19	22	25
16.25°	6	7	8	9	11	12	15	17	20	23	28
15°	6	7	8	9	11	13	15	18	21	24	30
13.75°	6	7	8	10	11	14	16	19	22	26	32
12.5°	7	8	9	10	12	14	17	20	23	28	34
11.25°	7	8	9	11	12	15	18	21	24	30	36
10°	7	8	9	11	13	15	18	21	25	31	38
8.75°	7	8	10	11	13	16	19	22	26	33	42
7.5°	7	8	10	11	14	16	19	22	27	34	45
6.25°	7	8	10	12	14	17	20	23	28	35	48
5°	7	9	10	12	14	17	20	23	29	36	50
3.75°	8	9	10	12	14	17	20	24	30	36	52
2.5°	8	9	10	12	15	17	21	24	30	37	54
1.25°	8	9	10	12	15	17	21	24	30	37	54
0°	8	9	10	12	15	18	21	24	31	37	55
-1.25°	8	9	10	12	15	17	21	24	30	37	54
-2.5°	8	9	10	12	15	17	21	24	30	37	54
-3.75°	8	9	10	12	14	17	20	24	30	36	52
-5°	7	9	10	12	14	17	20	23	29	36	50
-6.25°	7	8	10	12	14	17	20	23	28	35	48
-7.5°	7	8	10	11	14	16	19	22	27	34	45
-8.75°	7	8	10	11	13	16	19	22	26	33	42
-10°	7	8	9	11	13	15	18	21	25	31	38
-11.25°	7	8	9	11	12	15	18	21	24	30	36
-12.5°	7	8	9	10	12	14	17	20	23	28	34
-13.75°	6	7	8	10	11	14	16	19	22	26	32
-15°	6	7	8	9	11	13	15	18	21	24	30
-16.25°	6	7	8	9	11	12	15	17	20	23	28
-17.5°	6	7	8	9	10	12	14	16	19	22	25
-18.75°	5	6	7	8	10	11	13	15	18	21	23
-20°	5	6	7	8	9	10	12	14	17	19	22
-21.25°	5	6	7	8	9	10	11	13	16	18	21



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	4	5	6	7	8	9	11	12	14	17	19
-23.75°	4	5	6	7	8	9	10	11	13	15	18
-25°	4	5	6	6	7	8	9	11	12	14	16
-26.25°	4	4	5	6	7	8	9	10	11	13	15
-27.5°	4	4	5	6	6	7	8	9	10	12	13
-28.75°	3	4	4	5	6	7	8	8	10	11	12
-30°	3	4	4	5	5	6	7	8	9	10	11
-31.25°	3	3	4	4	5	6	7	7	8	9	10
-32.5°	3	3	4	4	4	5	6	7	8	8	9
-33.75°	3	3	3	4	4	5	5	6	7	8	8
-35°	2	3	3	3	4	4	5	6	6	7	8
-36.25°	2	2	3	3	4	4	4	5	6	6	7
-37.5°	2	2	3	3	3	4	4	4	5	6	6
-38.75°	2	2	2	3	3	3	4	4	4	5	6
-40°	2	2	2	2	3	3	3	4	4	4	5
-41.25°	2	2	2	2	2	3	3	3	4	4	4
-42.5°	2	2	2	2	2	2	3	3	3	4	4
-43.75°	2	2	2	2	2	2	2	3	3	3	4
-45°	1	2	2	2	2	2	2	2	3	3	3
-46.25°	1	1	2	2	2	2	2	2	2	3	3
-47.5°	1	1	1	2	2	2	2	2	2	2	2
-48.75°	1	1	1	1	2	2	2	2	2	2	2
-50°	1	1	1	1	1	1	2	2	2	2	2
-51.25°	1	1	1	1	1	1	1	2	2	2	2
-52.5°	1	1	1	1	1	1	1	1	1	2	2
-53.75°	1	1	1	1	1	1	1	1	1	1	2
-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°	0	1	1	1	1	1	1	1	1	1	1
-62.5°	0	0	0	1	1	1	1	1	1	1	1
-63.75°	0	0	0	0	0	1	1	1	1	1	1
-65°	0	0	0	0	0	0	0	1	1	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	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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, 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°	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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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	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	1	1	1	1	1
67.5°	0	0	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	2	2	2	2	2
56.25°	1	1	1	1	2	2	2	2	2	2	2
55°	1	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	3	3	3
51.25°	2	2	2	2	2	3	3	3	3	3	3
50°	2	2	2	3	3	3	3	3	4	4	4
48.75°	2	3	3	3	3	3	4	4	4	4	4
47.5°	3	3	3	3	4	4	4	4	5	5	5
46.25°	3	3	4	4	4	4	5	5	6	6	6
45°	3	4	4	4	5	5	6	6	6	7	7
43.75°	4	4	4	5	5	6	6	7	7	8	8
42.5°	4	5	5	6	6	7	7	8	8	9	9
41.25°	5	5	6	7	7	8	8	9	9	10	11
40°	6	6	7	7	8	8	9	10	11	11	12
38.75°	6	7	8	8	9	10	10	11	12	13	14
37.5°	7	8	8	9	10	11	12	13	14	15	17
36.25°	8	8	9	10	11	12	13	15	16	18	19
35°	8	9	10	11	12	14	16	17	19	20	22



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	9	10	11	13	14	16	18	19	21	23	25
32.5°	10	11	13	15	16	18	20	22	24	27	30
31.25°	11	13	15	16	18	20	22	24	28	32	35
30°	12	14	16	18	20	22	25	29	33	37	46
28.75°	14	16	18	20	22	25	29	34	39	49	59
27.5°	16	18	20	22	25	29	34	40	51	62	73
26.25°	17	19	22	24	29	34	40	52	63	74	85
25°	19	21	24	28	33	39	51	63	75	86	96
23.75°	20	23	27	32	37	49	62	74	86	97	109
22.5°	22	25	30	35	46	59	73	85	96	109	123
21.25°	23	28	34	42	56	69	82	94	107	122	136
20°	26	31	37	50	65	78	91	104	119	134	150
18.75°	29	34	44	59	73	87	100	115	131	147	165
17.5°	31	37	52	67	81	95	109	126	142	161	182
16.25°	34	44	59	74	88	102	119	136	154	176	199
15°	36	50	66	81	95	111	128	146	167	190	216
13.75°	40	56	72	87	102	119	137	157	180	205	233
12.5°	46	62	78	93	108	127	145	167	192	220	251
11.25°	51	67	83	98	115	134	154	178	204	234	269
10°	55	72	87	103	121	140	162	188	216	249	288
8.75°	59	76	91	108	127	146	170	197	227	263	306
7.5°	62	79	95	112	132	152	177	205	237	276	321
6.25°	65	82	98	116	136	158	183	213	247	288	335
5°	68	84	100	119	139	162	189	219	255	299	346
3.75°	70	86	102	122	142	165	193	224	261	307	354
2.5°	71	87	104	124	144	168	196	228	266	313	361
1.25°	72	88	105	125	145	170	198	230	269	317	364
0°	72	88	105	125	145	170	199	231	270	318	366
-1.25°	72	88	105	125	145	170	198	230	269	317	364
-2.5°	71	87	104	124	144	168	196	228	266	313	361
-3.75°	70	86	102	122	142	165	193	224	261	307	354
-5°	68	84	100	119	139	162	189	219	255	299	346
-6.25°	65	82	98	116	136	158	183	213	247	288	335
-7.5°	62	79	95	112	132	152	177	205	237	276	321
-8.75°	59	76	91	108	127	146	170	197	227	263	306
-10°	55	72	87	103	121	140	162	188	216	249	288
-11.25°	51	67	83	98	115	134	154	178	204	234	269
-12.5°	46	62	78	93	108	127	145	167	192	220	251
-13.75°	40	56	72	87	102	119	137	157	180	205	233
-15°	36	50	66	81	95	111	128	146	167	190	216
-16.25°	34	44	59	74	88	102	119	136	154	176	199
-17.5°	31	37	52	67	81	95	109	126	142	161	182
-18.75°	29	34	44	59	73	87	100	115	131	147	165
-20°	26	31	37	50	65	78	91	104	119	134	150
-21.25°	23	28	34	42	56	69	82	94	107	122	136





REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	22	25	30	35	46	59	73	85	96	109	123
-23.75°	20	23	27	32	37	49	62	74	86	97	109
-25°	19	21	24	28	33	39	51	63	75	86	96
-26.25°	17	19	22	24	29	34	40	52	63	74	85
-27.5°	16	18	20	22	25	29	34	40	51	62	73
-28.75°	14	16	18	20	22	25	29	34	39	49	59
-30°	12	14	16	18	20	22	25	29	33	37	46
-31.25°	11	13	15	16	18	20	22	24	28	32	35
-32.5°	10	11	13	15	16	18	20	22	24	27	30
-33.75°	9	10	11	13	14	16	18	19	21	23	25
-35°	8	9	10	11	12	14	16	17	19	20	22
-36.25°	8	8	9	10	11	12	13	15	16	18	19
-37.5°	7	8	8	9	10	11	12	13	14	15	17
-38.75°	6	7	8	8	9	10	10	11	12	13	14
-40°	6	6	7	7	8	8	9	10	11	11	12
-41.25°	5	5	6	7	7	8	8	9	9	10	11
-42.5°	4	5	5	6	6	7	7	8	8	9	9
-43.75°	4	4	4	5	5	6	6	7	7	8	8
-45°	3	4	4	4	5	5	6	6	6	7	7
-46.25°	3	3	4	4	4	4	5	5	6	6	6
-47.5°	3	3	3	3	4	4	4	4	5	5	5
-48.75°	2	3	3	3	3	3	4	4	4	4	4
-50°	2	2	2	3	3	3	3	3	4	4	4
-51.25°	2	2	2	2	2	3	3	3	3	3	3
-52.5°	2	2	2	2	2	2	2	2	3	3	3
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	1	2	2	2	2	2	2	2	2	2	2
-56.25°	1	1	1	1	2	2	2	2	2	2	2
-57.5°	1	1	1	1	1	1	2	2	2	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°	0	0	1	1	1	1	1	1	1	1	1
-68.75°	0	0	0	0	0	0	1	1	1	1	1
-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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, 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°	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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	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	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	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	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	4	4
52.5°	3	3	3	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	6	6	6	6
48.75°	5	5	5	6	6	6	6	7	7	7	7
47.5°	6	6	6	7	7	7	7	8	8	8	8
46.25°	7	7	7	8	8	8	8	9	9	9	10
45°	8	8	8	9	9	9	10	10	11	11	11
43.75°	9	9	10	10	11	11	11	12	12	13	13
42.5°	10	10	11	12	12	13	14	14	15	15	16
41.25°	11	12	13	14	15	15	16	17	18	18	19
40°	13	14	15	16	17	18	19	20	21	21	22
38.75°	16	17	18	19	20	21	22	23	24	25	26
37.5°	18	19	21	22	23	24	26	28	30	31	33
36.25°	21	22	23	25	28	30	32	34	36	38	42
35°	23	26	29	31	34	36	40	46	51	55	59



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	28	31	34	37	44	50	56	62	67	72	76
32.5°	34	37	44	52	59	66	72	78	83	87	91
31.25°	42	50	59	67	74	81	87	93	98	103	108
30°	56	65	73	81	88	95	102	108	115	121	127
28.75°	69	78	87	95	102	111	119	127	134	140	146
27.5°	82	91	100	109	119	128	137	145	154	162	170
26.25°	94	104	115	126	136	146	157	167	178	188	197
25°	107	119	131	142	154	167	180	192	204	216	227
23.75°	122	134	147	161	176	190	205	220	234	249	263
22.5°	136	150	165	182	199	216	233	251	269	288	306
21.25°	151	168	186	204	224	244	265	289	311	332	350
20°	168	187	207	229	252	277	304	329	353	378	405
18.75°	186	207	230	256	284	314	343	371	405	437	466
17.5°	204	229	256	287	319	351	386	425	461	495	537
16.25°	224	252	284	319	353	394	437	478	524	575	641
15°	244	277	314	351	394	441	486	542	611	690	795
13.75°	265	304	343	386	437	486	548	630	733	859	1026
12.5°	289	329	371	425	478	542	630	748	905	1101	1349
11.25°	311	353	405	461	524	611	733	905	1135	1418	1748
10°	332	378	437	495	575	690	859	1101	1418	1794	2195
8.75°	350	405	466	537	641	795	1026	1349	1748	2195	2638
7.5°	367	429	491	576	708	911	1212	1611	2082	2576	3041
6.25°	387	450	520	624	785	1034	1395	1861	2393	2915	3388
5°	403	467	546	665	850	1156	1582	2104	2664	3198	3673
3.75°	416	481	567	703	927	1271	1737	2299	2880	3416	3890
2.5°	425	491	585	737	982	1354	1852	2445	3034	3573	4052
1.25°	430	497	598	758	1016	1404	1932	2534	3129	3669	4149
0°	432	499	603	765	1027	1421	1959	2564	3161	3702	4181
-1.25°	430	497	598	758	1016	1404	1932	2534	3129	3669	4149
-2.5°	425	491	585	737	982	1354	1852	2445	3034	3573	4052
-3.75°	416	481	567	703	927	1271	1737	2299	2880	3416	3890
-5°	403	467	546	665	850	1156	1582	2104	2664	3198	3673
-6.25°	387	450	520	624	785	1034	1395	1861	2393	2915	3388
-7.5°	367	429	491	576	708	911	1212	1611	2082	2576	3041
-8.75°	350	405	466	537	641	795	1026	1349	1748	2195	2638
-10°	332	378	437	495	575	690	859	1101	1418	1794	2195
-11.25°	311	353	405	461	524	611	733	905	1135	1418	1748
-12.5°	289	329	371	425	478	542	630	748	905	1101	1349
-13.75°	265	304	343	386	437	486	548	630	733	859	1026
-15°	244	277	314	351	394	441	486	542	611	690	795
-16.25°	224	252	284	319	353	394	437	478	524	575	641
-17.5°	204	229	256	287	319	351	386	425	461	495	537
-18.75°	186	207	230	256	284	314	343	371	405	437	466
-20°	168	187	207	229	252	277	304	329	353	378	405
-21.25°	151	168	186	204	224	244	265	289	311	332	350



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	136	150	165	182	199	216	233	251	269	288	306
-23.75°	122	134	147	161	176	190	205	220	234	249	263
-25°	107	119	131	142	154	167	180	192	204	216	227
-26.25°	94	104	115	126	136	146	157	167	178	188	197
-27.5°	82	91	100	109	119	128	137	145	154	162	170
-28.75°	69	78	87	95	102	111	119	127	134	140	146
-30°	56	65	73	81	88	95	102	108	115	121	127
-31.25°	42	50	59	67	74	81	87	93	98	103	108
-32.5°	34	37	44	52	59	66	72	78	83	87	91
-33.75°	28	31	34	37	44	50	56	62	67	72	76
-35°	23	26	29	31	34	36	40	46	51	55	59
-36.25°	21	22	23	25	28	30	32	34	36	38	42
-37.5°	18	19	21	22	23	24	26	28	30	31	33
-38.75°	16	17	18	19	20	21	22	23	24	25	26
-40°	13	14	15	16	17	18	19	20	21	21	22
-41.25°	11	12	13	14	15	15	16	17	18	18	19
-42.5°	10	10	11	12	12	13	14	14	15	15	16
-43.75°	9	9	10	10	11	11	11	12	12	13	13
-45°	8	8	8	9	9	9	10	10	11	11	11
-46.25°	7	7	7	8	8	8	8	9	9	9	10
-47.5°	6	6	6	7	7	7	7	8	8	8	8
-48.75°	5	5	5	6	6	6	6	7	7	7	7
-50°	4	4	4	5	5	5	5	6	6	6	6
-51.25°	4	4	4	4	4	4	4	5	5	5	5
-52.5°	3	3	3	4	4	4	4	4	4	4	4
-53.75°	3	3	3	3	3	3	3	3	3	4	4
-55°	2	2	2	2	3	3	3	3	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	1	1	2	2	2	2	2	2	2	2
-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°	0	1	1	1	1	1	1	1	1	1	1
-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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, 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°	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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	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	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°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	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	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	6	5	5	5	5
50°	6	6	6	7	7	7	7	7	7	7	6
48.75°	7	7	7	8	8	8	8	8	8	8	7
47.5°	8	8	9	9	9	9	9	9	9	9	9
46.25°	10	10	10	10	10	10	10	10	10	10	10
45°	11	12	12	12	12	12	12	12	12	12	12
43.75°	14	14	14	14	15	15	15	15	15	14	14
42.5°	16	17	17	17	17	17	18	17	17	17	17
41.25°	19	20	20	20	21	21	21	21	21	20	20
40°	22	23	23	24	24	24	24	24	24	24	23
38.75°	27	28	29	30	30	30	31	30	30	30	29
37.5°	34	35	36	36	37	37	37	37	37	36	36
36.25°	45	48	50	52	54	54	55	54	54	52	50
35°	62	65	68	70	71	72	72	72	71	70	68



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	79	82	84	86	87	88	88	88	87	86	84
32.5°	95	98	100	102	104	105	105	105	104	102	100
31.25°	112	116	119	122	124	125	125	125	124	122	119
30°	132	136	139	142	144	145	145	145	144	142	139
28.75°	152	158	162	165	168	170	170	170	168	165	162
27.5°	177	183	189	193	196	198	199	198	196	193	189
26.25°	205	213	219	224	228	230	231	230	228	224	219
25°	237	247	255	261	266	269	270	269	266	261	255
23.75°	276	288	299	307	313	317	318	317	313	307	299
22.5°	321	335	346	354	361	364	366	364	361	354	346
21.25°	367	387	403	416	425	430	432	430	425	416	403
20°	429	450	467	481	491	497	499	497	491	481	467
18.75°	491	520	546	567	585	598	603	598	585	567	546
17.5°	576	624	665	703	737	758	765	758	737	703	665
16.25°	708	785	850	927	982	1016	1027	1016	982	927	850
15°	911	1034	1156	1271	1354	1404	1421	1404	1354	1271	1156
13.75°	1212	1395	1582	1737	1852	1932	1959	1932	1852	1737	1582
12.5°	1611	1861	2104	2299	2445	2534	2564	2534	2445	2299	2104
11.25°	2082	2393	2664	2880	3034	3129	3161	3129	3034	2880	2664
10°	2576	2915	3198	3416	3573	3669	3702	3669	3573	3416	3198
8.75°	3041	3388	3673	3890	4052	4149	4181	4149	4052	3890	3673
7.5°	3451	3798	4087	4316	4487	4587	4622	4587	4487	4316	4087
6.25°	3798	4152	4455	4694	4871	4978	5015	4978	4871	4694	4455
5°	4087	4455	4767	5015	5201	5318	5359	5318	5201	5015	4767
3.75°	4316	4694	5015	5278	5471	5595	5630	5595	5471	5278	5015
2.5°	4487	4871	5201	5471	5668	5789	5827	5789	5668	5471	5201
1.25°	4587	4978	5318	5595	5789	5913	5958	5913	5789	5595	5318
0°	4622	5015	5359	5630	5827	5958	6025	5958	5827	5630	5359
-1.25°	4587	4978	5318	5595	5789	5913	5958	5913	5789	5595	5318
-2.5°	4487	4871	5201	5471	5668	5789	5827	5789	5668	5471	5201
-3.75°	4316	4694	5015	5278	5471	5595	5630	5595	5471	5278	5015
-5°	4087	4455	4767	5015	5201	5318	5359	5318	5201	5015	4767
-6.25°	3798	4152	4455	4694	4871	4978	5015	4978	4871	4694	4455
-7.5°	3451	3798	4087	4316	4487	4587	4622	4587	4487	4316	4087
-8.75°	3041	3388	3673	3890	4052	4149	4181	4149	4052	3890	3673
-10°	2576	2915	3198	3416	3573	3669	3702	3669	3573	3416	3198
-11.25°	2082	2393	2664	2880	3034	3129	3161	3129	3034	2880	2664
-12.5°	1611	1861	2104	2299	2445	2534	2564	2534	2445	2299	2104
-13.75°	1212	1395	1582	1737	1852	1932	1959	1932	1852	1737	1582
-15°	911	1034	1156	1271	1354	1404	1421	1404	1354	1271	1156
-16.25°	708	785	850	927	982	1016	1027	1016	982	927	850
-17.5°	576	624	665	703	737	758	765	758	737	703	665
-18.75°	491	520	546	567	585	598	603	598	585	567	546
-20°	429	450	467	481	491	497	499	497	491	481	467
-21.25°	367	387	403	416	425	430	432	430	425	416	403





REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	321	335	346	354	361	364	366	364	361	354	346
-23.75°	276	288	299	307	313	317	318	317	313	307	299
-25°	237	247	255	261	266	269	270	269	266	261	255
-26.25°	205	213	219	224	228	230	231	230	228	224	219
-27.5°	177	183	189	193	196	198	199	198	196	193	189
-28.75°	152	158	162	165	168	170	170	170	168	165	162
-30°	132	136	139	142	144	145	145	145	144	142	139
-31.25°	112	116	119	122	124	125	125	125	124	122	119
-32.5°	95	98	100	102	104	105	105	105	104	102	100
-33.75°	79	82	84	86	87	88	88	88	87	86	84
-35°	62	65	68	70	71	72	72	72	71	70	68
-36.25°	45	48	50	52	54	54	55	54	54	52	50
-37.5°	34	35	36	36	37	37	37	37	37	36	36
-38.75°	27	28	29	30	30	30	31	30	30	30	29
-40°	22	23	23	24	24	24	24	24	24	24	23
-41.25°	19	20	20	20	21	21	21	21	21	20	20
-42.5°	16	17	17	17	17	17	18	17	17	17	17
-43.75°	14	14	14	14	15	15	15	15	15	14	14
-45°	11	12	12	12	12	12	12	12	12	12	12
-46.25°	10	10	10	10	10	10	10	10	10	10	10
-47.5°	8	8	9	9	9	9	9	9	9	9	9
-48.75°	7	7	7	8	8	8	8	8	8	8	7
-50°	6	6	6	7	7	7	7	7	7	7	6
-51.25°	5	5	5	5	5	5	6	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	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	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°	2	2	2	2	2	2	2	2	2	2	2
-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	0	1	1	1	1	1	1	1	1	1
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, 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°	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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	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	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°	2	2	1	1	1	1	1	1	1	1	1
60°	2	2	2	2	2	2	2	2	2	2	1
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°	3	3	3	2	2	2	2	2	2	2	2
55°	3	3	3	3	3	3	3	3	3	2	2
53.75°	4	4	4	4	3	3	3	3	3	3	3
52.5°	4	4	4	4	4	4	4	4	4	4	3
51.25°	5	5	5	5	5	5	4	4	4	4	4
50°	6	6	6	6	6	6	5	5	5	5	4
48.75°	7	7	7	7	7	7	6	6	6	6	5
47.5°	8	8	8	8	8	8	7	7	7	7	6
46.25°	10	10	10	9	9	9	8	8	8	8	7
45°	12	11	11	11	11	10	10	9	9	9	8
43.75°	14	14	13	13	12	12	11	11	11	10	10
42.5°	17	16	16	15	15	14	14	13	12	12	11
41.25°	20	19	19	18	18	17	16	15	15	14	13
40°	23	22	22	21	21	20	19	18	17	16	15
38.75°	28	27	26	25	24	23	22	21	20	19	18
37.5°	35	34	33	31	30	28	26	24	23	22	21
36.25°	48	45	42	38	36	34	32	30	28	25	23
35°	65	62	59	55	51	46	40	36	34	31	29



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	82	79	76	72	67	62	56	50	44	37	34
32.5°	98	95	91	87	83	78	72	66	59	52	44
31.25°	116	112	108	103	98	93	87	81	74	67	59
30°	136	132	127	121	115	108	102	95	88	81	73
28.75°	158	152	146	140	134	127	119	111	102	95	87
27.5°	183	177	170	162	154	145	137	128	119	109	100
26.25°	213	205	197	188	178	167	157	146	136	126	115
25°	247	237	227	216	204	192	180	167	154	142	131
23.75°	288	276	263	249	234	220	205	190	176	161	147
22.5°	335	321	306	288	269	251	233	216	199	182	165
21.25°	387	367	350	332	311	289	265	244	224	204	186
20°	450	429	405	378	353	329	304	277	252	229	207
18.75°	520	491	466	437	405	371	343	314	284	256	230
17.5°	624	576	537	495	461	425	386	351	319	287	256
16.25°	785	708	641	575	524	478	437	394	353	319	284
15°	1034	911	795	690	611	542	486	441	394	351	314
13.75°	1395	1212	1026	859	733	630	548	486	437	386	343
12.5°	1861	1611	1349	1101	905	748	630	542	478	425	371
11.25°	2393	2082	1748	1418	1135	905	733	611	524	461	405
10°	2915	2576	2195	1794	1418	1101	859	690	575	495	437
8.75°	3388	3041	2638	2195	1748	1349	1026	795	641	537	466
7.5°	3798	3451	3041	2576	2082	1611	1212	911	708	576	491
6.25°	4152	3798	3388	2915	2393	1861	1395	1034	785	624	520
5°	4455	4087	3673	3198	2664	2104	1582	1156	850	665	546
3.75°	4694	4316	3890	3416	2880	2299	1737	1271	927	703	567
2.5°	4871	4487	4052	3573	3034	2445	1852	1354	982	737	585
1.25°	4978	4587	4149	3669	3129	2534	1932	1404	1016	758	598
0°	5015	4622	4181	3702	3161	2564	1959	1421	1027	765	603
-1.25°	4978	4587	4149	3669	3129	2534	1932	1404	1016	758	598
-2.5°	4871	4487	4052	3573	3034	2445	1852	1354	982	737	585
-3.75°	4694	4316	3890	3416	2880	2299	1737	1271	927	703	567
-5°	4455	4087	3673	3198	2664	2104	1582	1156	850	665	546
-6.25°	4152	3798	3388	2915	2393	1861	1395	1034	785	624	520
-7.5°	3798	3451	3041	2576	2082	1611	1212	911	708	576	491
-8.75°	3388	3041	2638	2195	1748	1349	1026	795	641	537	466
-10°	2915	2576	2195	1794	1418	1101	859	690	575	495	437
-11.25°	2393	2082	1748	1418	1135	905	733	611	524	461	405
-12.5°	1861	1611	1349	1101	905	748	630	542	478	425	371
-13.75°	1395	1212	1026	859	733	630	548	486	437	386	343
-15°	1034	911	795	690	611	542	486	441	394	351	314
-16.25°	785	708	641	575	524	478	437	394	353	319	284
-17.5°	624	576	537	495	461	425	386	351	319	287	256
-18.75°	520	491	466	437	405	371	343	314	284	256	230
-20°	450	429	405	378	353	329	304	277	252	229	207
-21.25°	387	367	350	332	311	289	265	244	224	204	186



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	335	321	306	288	269	251	233	216	199	182	165
-23.75°	288	276	263	249	234	220	205	190	176	161	147
-25°	247	237	227	216	204	192	180	167	154	142	131
-26.25°	213	205	197	188	178	167	157	146	136	126	115
-27.5°	183	177	170	162	154	145	137	128	119	109	100
-28.75°	158	152	146	140	134	127	119	111	102	95	87
-30°	136	132	127	121	115	108	102	95	88	81	73
-31.25°	116	112	108	103	98	93	87	81	74	67	59
-32.5°	98	95	91	87	83	78	72	66	59	52	44
-33.75°	82	79	76	72	67	62	56	50	44	37	34
-35°	65	62	59	55	51	46	40	36	34	31	29
-36.25°	48	45	42	38	36	34	32	30	28	25	23
-37.5°	35	34	33	31	30	28	26	24	23	22	21
-38.75°	28	27	26	25	24	23	22	21	20	19	18
-40°	23	22	22	21	21	20	19	18	17	16	15
-41.25°	20	19	19	18	18	17	16	15	15	14	13
-42.5°	17	16	16	15	15	14	14	13	12	12	11
-43.75°	14	14	13	13	12	12	11	11	11	10	10
-45°	12	11	11	11	11	10	10	9	9	9	8
-46.25°	10	10	10	9	9	9	8	8	8	8	7
-47.5°	8	8	8	8	8	8	7	7	7	7	6
-48.75°	7	7	7	7	7	7	6	6	6	6	5
-50°	6	6	6	6	6	6	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	3
-53.75°	4	4	4	4	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	2	2
-56.25°	3	3	3	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	1
-61.25°	2	2	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	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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, 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°	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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	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	1	1	1	1	1	1	0	0	0	0
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°	2	2	2	1	1	1	1	1	1	1	1
57.5°	2	2	2	2	2	2	2	1	1	1	1
56.25°	2	2	2	2	2	2	2	2	2	1	1
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	3	3	2	2	2	2	2	2	2	2	2
52.5°	3	3	3	3	3	2	2	2	2	2	2
51.25°	4	4	3	3	3	3	3	3	2	2	2
50°	4	4	4	4	4	3	3	3	3	3	2
48.75°	5	5	4	4	4	4	4	3	3	3	3
47.5°	6	6	5	5	5	4	4	4	4	3	3
46.25°	7	7	6	6	6	5	5	4	4	4	4
45°	8	8	7	7	6	6	6	5	5	4	4
43.75°	9	9	8	8	7	7	6	6	5	5	4
42.5°	10	10	9	9	8	8	7	7	6	6	5
41.25°	12	11	11	10	9	9	8	8	7	7	6
40°	14	13	12	11	11	10	9	8	8	7	7
38.75°	17	16	14	13	12	11	10	10	9	8	8
37.5°	19	18	17	15	14	13	12	11	10	9	8
36.25°	22	21	19	18	16	15	13	12	11	10	9
35°	26	23	22	20	19	17	16	14	12	11	10



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	31	28	25	23	21	19	18	16	14	13	11
32.5°	37	34	30	27	24	22	20	18	16	15	13
31.25°	50	42	35	32	28	24	22	20	18	16	15
30°	65	56	46	37	33	29	25	22	20	18	16
28.75°	78	69	59	49	39	34	29	25	22	20	18
27.5°	91	82	73	62	51	40	34	29	25	22	20
26.25°	104	94	85	74	63	52	40	34	29	24	22
25°	119	107	96	86	75	63	51	39	33	28	24
23.75°	134	122	109	97	86	74	62	49	37	32	27
22.5°	150	136	123	109	96	85	73	59	46	35	30
21.25°	168	151	136	122	107	94	82	69	56	42	34
20°	187	168	150	134	119	104	91	78	65	50	37
18.75°	207	186	165	147	131	115	100	87	73	59	44
17.5°	229	204	182	161	142	126	109	95	81	67	52
16.25°	252	224	199	176	154	136	119	102	88	74	59
15°	277	244	216	190	167	146	128	111	95	81	66
13.75°	304	265	233	205	180	157	137	119	102	87	72
12.5°	329	289	251	220	192	167	145	127	108	93	78
11.25°	353	311	269	234	204	178	154	134	115	98	83
10°	378	332	288	249	216	188	162	140	121	103	87
8.75°	405	350	306	263	227	197	170	146	127	108	91
7.5°	429	367	321	276	237	205	177	152	132	112	95
6.25°	450	387	335	288	247	213	183	158	136	116	98
5°	467	403	346	299	255	219	189	162	139	119	100
3.75°	481	416	354	307	261	224	193	165	142	122	102
2.5°	491	425	361	313	266	228	196	168	144	124	104
1.25°	497	430	364	317	269	230	198	170	145	125	105
0°	499	432	366	318	270	231	199	170	145	125	105
-1.25°	497	430	364	317	269	230	198	170	145	125	105
-2.5°	491	425	361	313	266	228	196	168	144	124	104
-3.75°	481	416	354	307	261	224	193	165	142	122	102
-5°	467	403	346	299	255	219	189	162	139	119	100
-6.25°	450	387	335	288	247	213	183	158	136	116	98
-7.5°	429	367	321	276	237	205	177	152	132	112	95
-8.75°	405	350	306	263	227	197	170	146	127	108	91
-10°	378	332	288	249	216	188	162	140	121	103	87
-11.25°	353	311	269	234	204	178	154	134	115	98	83
-12.5°	329	289	251	220	192	167	145	127	108	93	78
-13.75°	304	265	233	205	180	157	137	119	102	87	72
-15°	277	244	216	190	167	146	128	111	95	81	66
-16.25°	252	224	199	176	154	136	119	102	88	74	59
-17.5°	229	204	182	161	142	126	109	95	81	67	52
-18.75°	207	186	165	147	131	115	100	87	73	59	44
-20°	187	168	150	134	119	104	91	78	65	50	37
-21.25°	168	151	136	122	107	94	82	69	56	42	34





REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	150	136	123	109	96	85	73	59	46	35	30
-23.75°	134	122	109	97	86	74	62	49	37	32	27
-25°	119	107	96	86	75	63	51	39	33	28	24
-26.25°	104	94	85	74	63	52	40	34	29	24	22
-27.5°	91	82	73	62	51	40	34	29	25	22	20
-28.75°	78	69	59	49	39	34	29	25	22	20	18
-30°	65	56	46	37	33	29	25	22	20	18	16
-31.25°	50	42	35	32	28	24	22	20	18	16	15
-32.5°	37	34	30	27	24	22	20	18	16	15	13
-33.75°	31	28	25	23	21	19	18	16	14	13	11
-35°	26	23	22	20	19	17	16	14	12	11	10
-36.25°	22	21	19	18	16	15	13	12	11	10	9
-37.5°	19	18	17	15	14	13	12	11	10	9	8
-38.75°	17	16	14	13	12	11	10	10	9	8	8
-40°	14	13	12	11	11	10	9	8	8	7	7
-41.25°	12	11	11	10	9	9	8	8	7	7	6
-42.5°	10	10	9	9	8	8	7	7	6	6	5
-43.75°	9	9	8	8	7	7	6	6	5	5	4
-45°	8	8	7	7	6	6	6	5	5	4	4
-46.25°	7	7	6	6	6	5	5	4	4	4	4
-47.5°	6	6	5	5	5	4	4	4	4	3	3
-48.75°	5	5	4	4	4	4	4	3	3	3	3
-50°	4	4	4	4	4	3	3	3	3	3	2
-51.25°	4	4	3	3	3	3	3	3	2	2	2
-52.5°	3	3	3	3	3	2	2	2	2	2	2
-53.75°	3	3	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	1	1
-57.5°	2	2	2	2	2	2	2	1	1	1	1
-58.75°	2	2	2	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	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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, 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°	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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	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°	1	1	1	0	0	0	0	0	0	0	0
65°	1	1	1	1	1	1	0	0	0	0	0
63.75°	1	1	1	1	1	1	1	1	0	0	0
62.5°	1	1	1	1	1	1	1	1	1	1	0
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°	2	1	1	1	1	1	1	1	1	1	1
53.75°	2	2	2	1	1	1	1	1	1	1	1
52.5°	2	2	2	2	1	1	1	1	1	1	1
51.25°	2	2	2	2	2	2	1	1	1	1	1
50°	2	2	2	2	2	2	2	1	1	1	1
48.75°	3	2	2	2	2	2	2	2	2	1	1
47.5°	3	3	2	2	2	2	2	2	2	2	1
46.25°	3	3	3	3	2	2	2	2	2	2	2
45°	4	3	3	3	3	2	2	2	2	2	2
43.75°	4	4	4	3	3	3	2	2	2	2	2
42.5°	5	4	4	4	3	3	3	2	2	2	2
41.25°	5	5	4	4	4	3	3	3	2	2	2
40°	6	6	5	4	4	4	3	3	3	2	2
38.75°	7	6	6	5	4	4	4	3	3	3	2
37.5°	8	7	6	6	5	4	4	4	3	3	3
36.25°	8	8	7	6	6	5	4	4	4	3	3
35°	9	8	8	7	6	6	5	4	4	3	3



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	10	9	8	8	7	6	5	5	4	4	3
32.5°	11	10	9	8	8	7	6	5	4	4	4
31.25°	13	11	10	9	8	7	7	6	5	4	4
30°	14	12	11	10	9	8	7	6	5	5	4
28.75°	16	14	12	11	10	8	8	7	6	5	4
27.5°	18	16	13	12	10	9	8	7	6	6	5
26.25°	19	17	15	13	11	10	9	8	7	6	5
25°	21	19	16	14	12	11	9	8	7	6	6
23.75°	23	20	18	15	13	11	10	9	8	7	6
22.5°	25	22	19	17	14	12	11	9	8	7	6
21.25°	28	23	21	18	16	13	11	10	9	8	7
20°	31	26	22	19	17	14	12	10	9	8	7
18.75°	34	29	23	21	18	15	13	11	10	8	7
17.5°	37	31	25	22	19	16	14	12	10	9	8
16.25°	44	34	28	23	20	17	15	12	11	9	8
15°	50	36	30	24	21	18	15	13	11	9	8
13.75°	56	40	32	26	22	19	16	14	11	10	8
12.5°	62	46	34	28	23	20	17	14	12	10	9
11.25°	67	51	36	30	24	21	18	15	12	11	9
10°	72	55	38	31	25	21	18	15	13	11	9
8.75°	76	59	42	33	26	22	19	16	13	11	10
7.5°	79	62	45	34	27	22	19	16	14	11	10
6.25°	82	65	48	35	28	23	20	17	14	12	10
5°	84	68	50	36	29	23	20	17	14	12	10
3.75°	86	70	52	36	30	24	20	17	14	12	10
2.5°	87	71	54	37	30	24	21	17	15	12	10
1.25°	88	72	54	37	30	24	21	17	15	12	10
0°	88	72	55	37	31	24	21	18	15	12	10
-1.25°	88	72	54	37	30	24	21	17	15	12	10
-2.5°	87	71	54	37	30	24	21	17	15	12	10
-3.75°	86	70	52	36	30	24	20	17	14	12	10
-5°	84	68	50	36	29	23	20	17	14	12	10
-6.25°	82	65	48	35	28	23	20	17	14	12	10
-7.5°	79	62	45	34	27	22	19	16	14	11	10
-8.75°	76	59	42	33	26	22	19	16	13	11	10
-10°	72	55	38	31	25	21	18	15	13	11	9
-11.25°	67	51	36	30	24	21	18	15	12	11	9
-12.5°	62	46	34	28	23	20	17	14	12	10	9
-13.75°	56	40	32	26	22	19	16	14	11	10	8
-15°	50	36	30	24	21	18	15	13	11	9	8
-16.25°	44	34	28	23	20	17	15	12	11	9	8
-17.5°	37	31	25	22	19	16	14	12	10	9	8
-18.75°	34	29	23	21	18	15	13	11	10	8	7
-20°	31	26	22	19	17	14	12	10	9	8	7
-21.25°	28	23	21	18	16	13	11	10	9	8	7



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	25	22	19	17	14	12	11	9	8	7	6
-23.75°	23	20	18	15	13	11	10	9	8	7	6
-25°	21	19	16	14	12	11	9	8	7	6	6
-26.25°	19	17	15	13	11	10	9	8	7	6	5
-27.5°	18	16	13	12	10	9	8	7	6	6	5
-28.75°	16	14	12	11	10	8	8	7	6	5	4
-30°	14	12	11	10	9	8	7	6	5	5	4
-31.25°	13	11	10	9	8	7	7	6	5	4	4
-32.5°	11	10	9	8	8	7	6	5	4	4	4
-33.75°	10	9	8	8	7	6	5	5	4	4	3
-35°	9	8	8	7	6	6	5	4	4	3	3
-36.25°	8	8	7	6	6	5	4	4	4	3	3
-37.5°	8	7	6	6	5	4	4	4	3	3	3
-38.75°	7	6	6	5	4	4	4	3	3	3	2
-40°	6	6	5	4	4	4	3	3	3	2	2
-41.25°	5	5	4	4	4	3	3	3	2	2	2
-42.5°	5	4	4	4	3	3	3	2	2	2	2
-43.75°	4	4	4	3	3	3	2	2	2	2	2
-45°	4	3	3	3	3	2	2	2	2	2	2
-46.25°	3	3	3	3	2	2	2	2	2	2	2
-47.5°	3	3	2	2	2	2	2	2	2	2	1
-48.75°	3	2	2	2	2	2	2	2	2	1	1
-50°	2	2	2	2	2	2	2	1	1	1	1
-51.25°	2	2	2	2	2	2	1	1	1	1	1
-52.5°	2	2	2	2	1	1	1	1	1	1	1
-53.75°	2	2	2	1	1	1	1	1	1	1	1
-55°	2	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	0
-63.75°	1	1	1	1	1	1	1	1	0	0	0
-65°	1	1	1	1	1	1	0	0	0	0	0
-66.25°	1	1	1	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, 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°	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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	1	0	0	0	0	0	0	0	0	0	0
60°	1	1	1	0	0	0	0	0	0	0	0
58.75°	1	1	1	1	0	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	1	0	0	0	0	0
55°	1	1	1	1	1	1	1	0	0	0	0
53.75°	1	1	1	1	1	1	1	1	0	0	0
52.5°	1	1	1	1	1	1	1	1	1	0	0
51.25°	1	1	1	1	1	1	1	1	1	1	0
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	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	2	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	2	1	1	1	1	1	1
36.25°	2	2	2	2	2	2	1	1	1	1	1
35°	3	2	2	2	2	2	1	1	1	1	1



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	3	3	2	2	2	2	2	1	1	1	1
32.5°	3	3	2	2	2	2	2	1	1	1	1
31.25°	3	3	3	2	2	2	2	1	1	1	1
30°	4	3	3	2	2	2	2	2	1	1	1
28.75°	4	3	3	3	2	2	2	2	1	1	1
27.5°	4	4	3	3	2	2	2	2	2	1	1
26.25°	4	4	3	3	2	2	2	2	2	1	1
25°	5	4	4	3	3	2	2	2	2	1	1
23.75°	5	4	4	3	3	2	2	2	2	1	1
22.5°	5	4	4	3	3	2	2	2	2	2	1
21.25°	6	5	4	4	3	3	2	2	2	2	1
20°	6	5	4	4	3	3	2	2	2	2	1
18.75°	6	5	4	4	3	3	2	2	2	2	1
17.5°	7	6	5	4	4	3	2	2	2	2	2
16.25°	7	6	5	4	4	3	3	2	2	2	2
15°	7	6	5	4	4	3	3	2	2	2	2
13.75°	7	6	5	4	4	3	3	2	2	2	2
12.5°	8	7	6	5	4	3	3	2	2	2	2
11.25°	8	7	6	5	4	3	3	2	2	2	2
10°	8	7	6	5	4	4	3	2	2	2	2
8.75°	8	7	6	5	4	4	3	3	2	2	2
7.5°	8	7	6	5	4	4	3	3	2	2	2
6.25°	8	7	6	5	4	4	3	3	2	2	2
5°	9	7	6	5	4	4	3	3	2	2	2
3.75°	9	8	7	5	4	4	3	3	2	2	2
2.5°	9	8	7	5	4	4	3	3	2	2	2
1.25°	9	8	7	5	4	4	3	3	2	2	2
0°	9	8	7	6	4	4	3	3	2	2	2
-1.25°	9	8	7	5	4	4	3	3	2	2	2
-2.5°	9	8	7	5	4	4	3	3	2	2	2
-3.75°	9	8	7	5	4	4	3	3	2	2	2
-5°	9	7	6	5	4	4	3	3	2	2	2
-6.25°	8	7	6	5	4	4	3	3	2	2	2
-7.5°	8	7	6	5	4	4	3	3	2	2	2
-8.75°	8	7	6	5	4	4	3	3	2	2	2
-10°	8	7	6	5	4	4	3	2	2	2	2
-11.25°	8	7	6	5	4	3	3	2	2	2	2
-12.5°	8	7	6	5	4	3	3	2	2	2	2
-13.75°	7	6	5	4	4	3	3	2	2	2	2
-15°	7	6	5	4	4	3	3	2	2	2	2
-16.25°	7	6	5	4	4	3	3	2	2	2	2
-17.5°	7	6	5	4	4	3	2	2	2	2	2
-18.75°	6	5	4	4	3	3	2	2	2	2	1
-20°	6	5	4	4	3	3	2	2	2	2	1
-21.25°	6	5	4	4	3	3	2	2	2	2	1





REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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	4	4	3	3	2	2	2	2	2	1
-23.75°	5	4	4	3	3	2	2	2	2	1	1
-25°	5	4	4	3	3	2	2	2	2	1	1
-26.25°	4	4	3	3	2	2	2	2	2	1	1
-27.5°	4	4	3	3	2	2	2	2	2	1	1
-28.75°	4	3	3	3	2	2	2	2	1	1	1
-30°	4	3	3	2	2	2	2	2	1	1	1
-31.25°	3	3	3	2	2	2	2	1	1	1	1
-32.5°	3	3	2	2	2	2	2	1	1	1	1
-33.75°	3	3	2	2	2	2	2	1	1	1	1
-35°	3	2	2	2	2	2	1	1	1	1	1
-36.25°	2	2	2	2	2	2	1	1	1	1	1
-37.5°	2	2	2	2	2	1	1	1	1	1	1
-38.75°	2	2	2	2	1	1	1	1	1	1	1
-40°	2	2	2	2	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°	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	0
-52.5°	1	1	1	1	1	1	1	1	1	0	0
-53.75°	1	1	1	1	1	1	1	1	0	0	0
-55°	1	1	1	1	1	1	1	0	0	0	0
-56.25°	1	1	1	1	1	1	0	0	0	0	0
-57.5°	1	1	1	1	1	0	0	0	0	0	0
-58.75°	1	1	1	1	0	0	0	0	0	0	0
-60°	1	1	1	0	0	0	0	0	0	0	0
-61.25°	1	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, 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°	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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
48.75°	0	0	0	0	0	0	0	0	0	0	0
47.5°	1	0	0	0	0	0	0	0	0	0	0
46.25°	1	0	0	0	0	0	0	0	0	0	0
45°	1	1	0	0	0	0	0	0	0	0	0
43.75°	1	1	0	0	0	0	0	0	0	0	0
42.5°	1	1	1	0	0	0	0	0	0	0	0
41.25°	1	1	1	0	0	0	0	0	0	0	0
40°	1	1	1	1	0	0	0	0	0	0	0
38.75°	1	1	1	1	0	0	0	0	0	0	0
37.5°	1	1	1	1	0	0	0	0	0	0	0
36.25°	1	1	1	1	1	0	0	0	0	0	0
35°	1	1	1	1	1	0	0	0	0	0	0



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	1	1	1	1	1	0	0	0	0	0	0
32.5°	1	1	1	1	1	1	0	0	0	0	0
31.25°	1	1	1	1	1	1	0	0	0	0	0
30°	1	1	1	1	1	1	0	0	0	0	0
28.75°	1	1	1	1	1	1	0	0	0	0	0
27.5°	1	1	1	1	1	1	1	0	0	0	0
26.25°	1	1	1	1	1	1	1	0	0	0	0
25°	1	1	1	1	1	1	1	0	0	0	0
23.75°	1	1	1	1	1	1	1	0	0	0	0
22.5°	1	1	1	1	1	1	1	0	0	0	0
21.25°	1	1	1	1	1	1	1	0	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°	2	1	1	1	1	1	1	1	0	0	0
6.25°	2	1	1	1	1	1	1	1	0	0	0
5°	2	1	1	1	1	1	1	1	1	0	0
3.75°	2	1	1	1	1	1	1	1	1	0	0
2.5°	2	1	1	1	1	1	1	1	1	0	0
1.25°	2	1	1	1	1	1	1	1	1	0	0
0°	2	1	1	1	1	1	1	1	1	0	0
-1.25°	2	1	1	1	1	1	1	1	1	0	0
-2.5°	2	1	1	1	1	1	1	1	1	0	0
-3.75°	2	1	1	1	1	1	1	1	1	0	0
-5°	2	1	1	1	1	1	1	1	1	0	0
-6.25°	2	1	1	1	1	1	1	1	0	0	0
-7.5°	2	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	0	0	0	0



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	1	1	1	1	1	1	1	0	0	0	0
-23.75°	1	1	1	1	1	1	1	0	0	0	0
-25°	1	1	1	1	1	1	1	0	0	0	0
-26.25°	1	1	1	1	1	1	1	0	0	0	0
-27.5°	1	1	1	1	1	1	1	0	0	0	0
-28.75°	1	1	1	1	1	1	0	0	0	0	0
-30°	1	1	1	1	1	1	0	0	0	0	0
-31.25°	1	1	1	1	1	1	0	0	0	0	0
-32.5°	1	1	1	1	1	1	0	0	0	0	0
-33.75°	1	1	1	1	1	0	0	0	0	0	0
-35°	1	1	1	1	1	0	0	0	0	0	0
-36.25°	1	1	1	1	1	0	0	0	0	0	0
-37.5°	1	1	1	1	0	0	0	0	0	0	0
-38.75°	1	1	1	1	0	0	0	0	0	0	0
-40°	1	1	1	1	0	0	0	0	0	0	0
-41.25°	1	1	1	0	0	0	0	0	0	0	0
-42.5°	1	1	1	0	0	0	0	0	0	0	0
-43.75°	1	1	0	0	0	0	0	0	0	0	0
-45°	1	1	0	0	0	0	0	0	0	0	0
-46.25°	1	0	0	0	0	0	0	0	0	0	0
-47.5°	1	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, 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°	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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
48.75°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
46.25°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
43.75°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
41.25°	0	0	0	0	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0	0	0	0	0
38.75°	0	0	0	0	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0	0	0	0	0
36.25°	0	0	0	0	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
28.75°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
26.25°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
23.75°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
21.25°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
18.75°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
16.25°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
13.75°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
11.25°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
8.75°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
6.25°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
3.75°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
1.25°	0	0	0	0	0	0	0	0	0	0	0
0°	0	0	0	0	0	0	0	0	0	0	0
-1.25°	0	0	0	0	0	0	0	0	0	0	0
-2.5°	0	0	0	0	0	0	0	0	0	0	0
-3.75°	0	0	0	0	0	0	0	0	0	0	0
-5°	0	0	0	0	0	0	0	0	0	0	0
-6.25°	0	0	0	0	0	0	0	0	0	0	0
-7.5°	0	0	0	0	0	0	0	0	0	0	0
-8.75°	0	0	0	0	0	0	0	0	0	0	0
-10°	0	0	0	0	0	0	0	0	0	0	0
-11.25°	0	0	0	0	0	0	0	0	0	0	0
-12.5°	0	0	0	0	0	0	0	0	0	0	0
-13.75°	0	0	0	0	0	0	0	0	0	0	0
-15°	0	0	0	0	0	0	0	0	0	0	0
-16.25°	0	0	0	0	0	0	0	0	0	0	0
-17.5°	0	0	0	0	0	0	0	0	0	0	0
-18.75°	0	0	0	0	0	0	0	0	0	0	0
-20°	0	0	0	0	0	0	0	0	0	0	0
-21.25°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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°	0	0	0	0	0	0	0	0	0	0	0
-23.75°	0	0	0	0	0	0	0	0	0	0	0
-25°	0	0	0	0	0	0	0	0	0	0	0
-26.25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-28.75°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, 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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, 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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, 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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, 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: P220412 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, 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)