

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: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29479)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L1-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, WIDE  
FLOOD OPTIC, BLACK HOUSING.  
Light Source: (1) 5000K CCT, 80 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

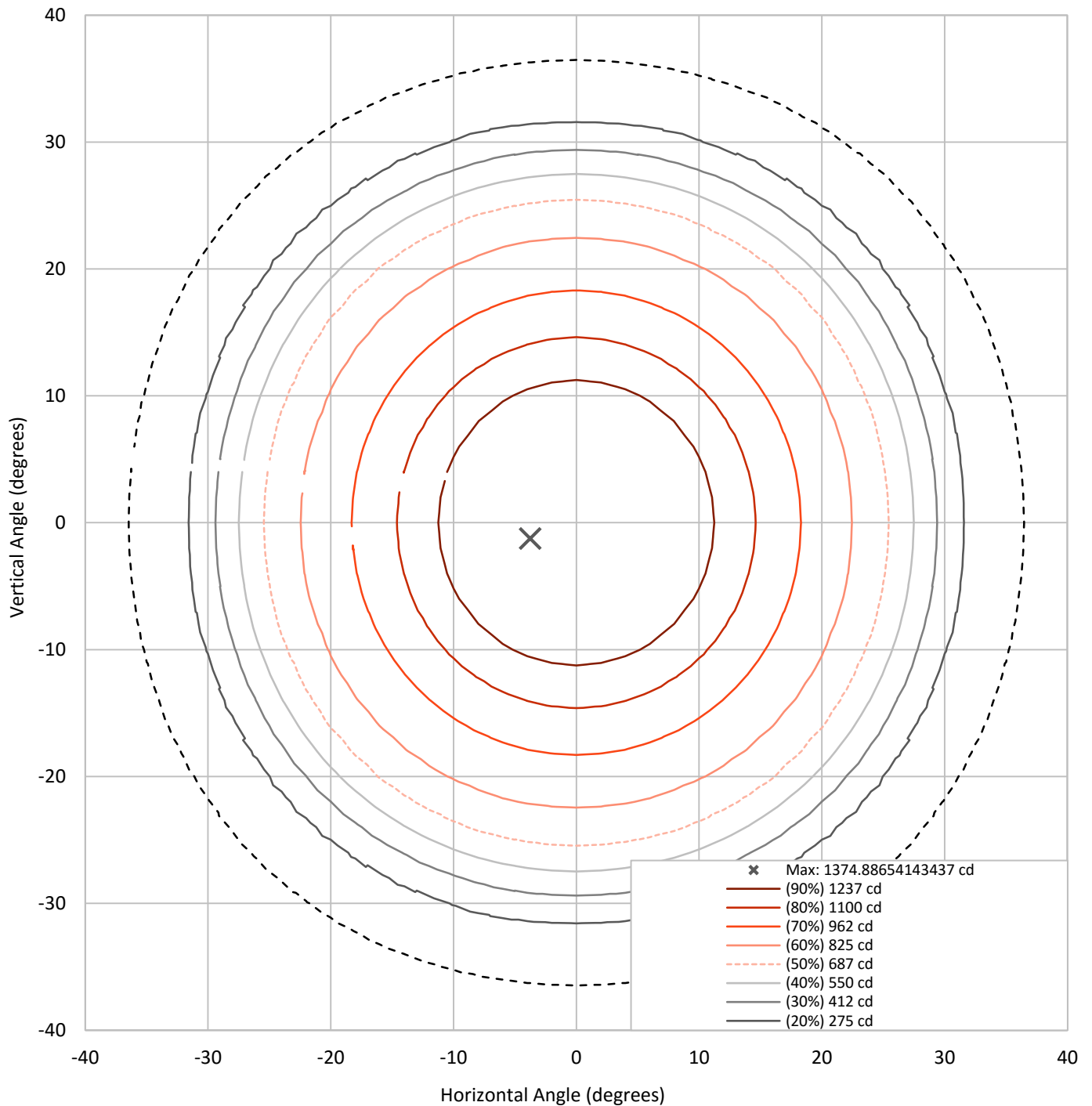
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	917.5 lumens	Max Intensity:	1374.9 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	93.6 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	51°H x 50.5°V	Field Angle (10%):	72.8°H x 72.6°V
Beam Lumens:	618 lumens	Field Lumens:	824.2 lumens
Beam Efficiency:	67.4%	Field Efficiency:	89.8%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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

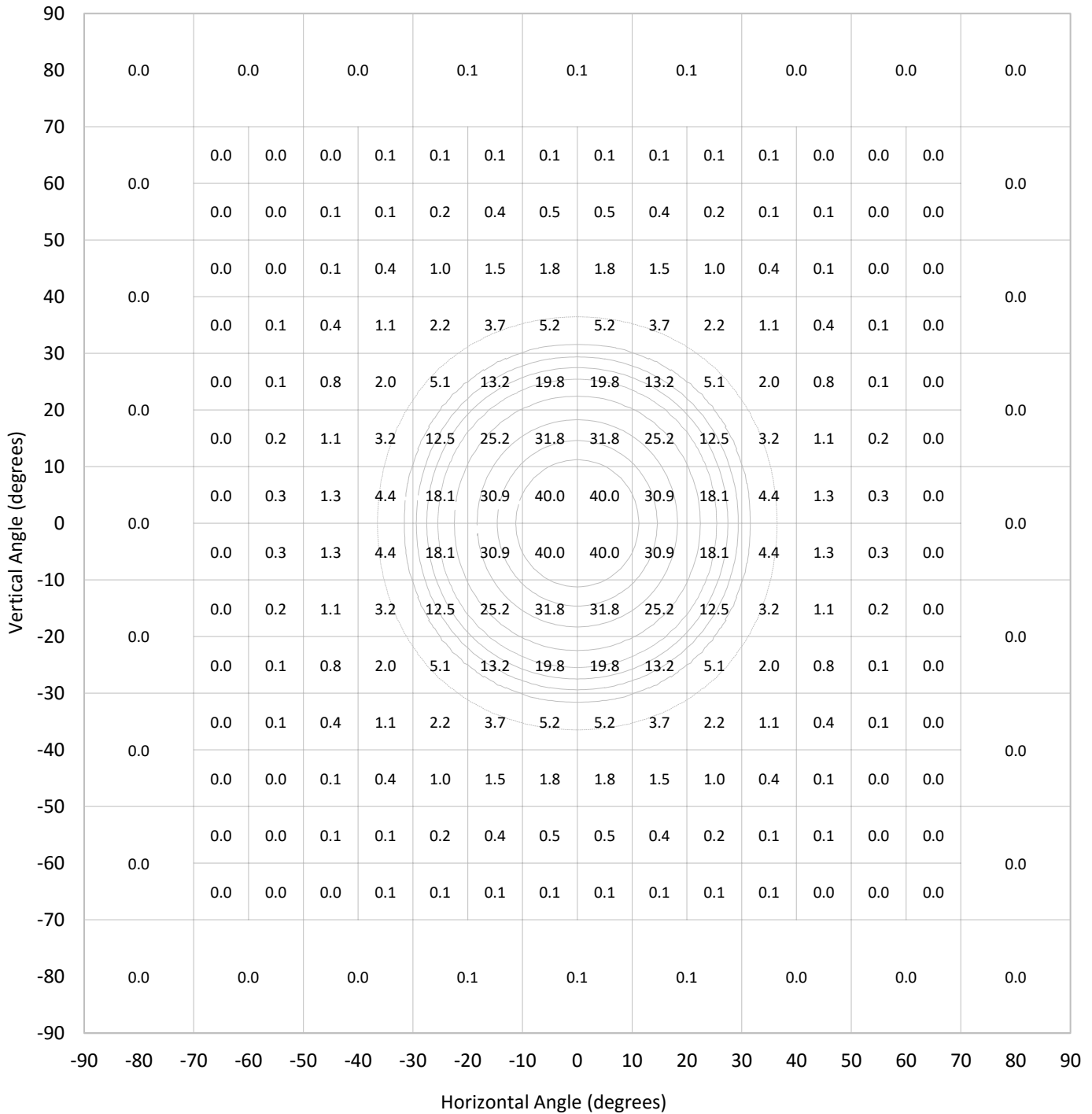
### Iso-Candela Plot





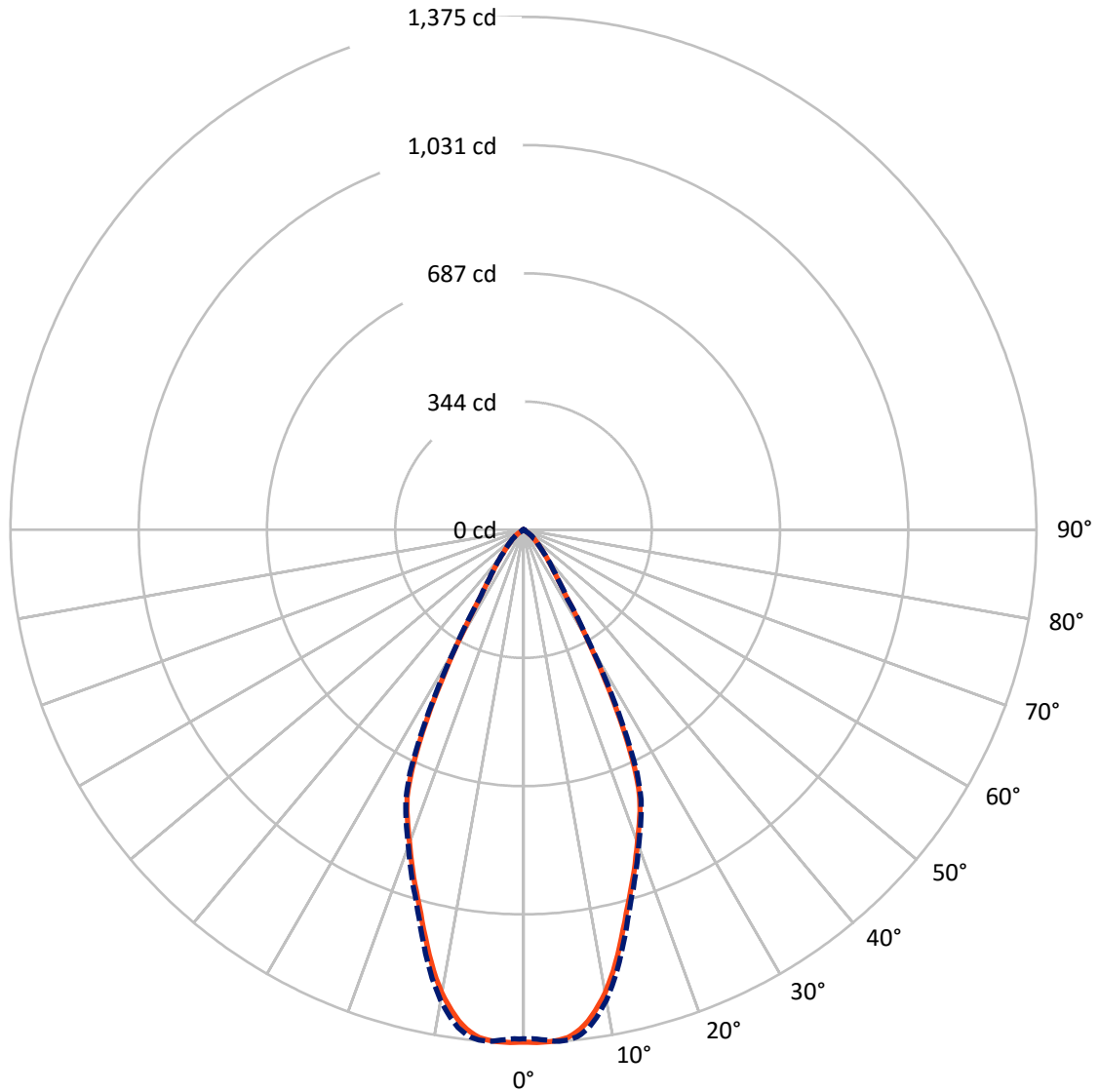
REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
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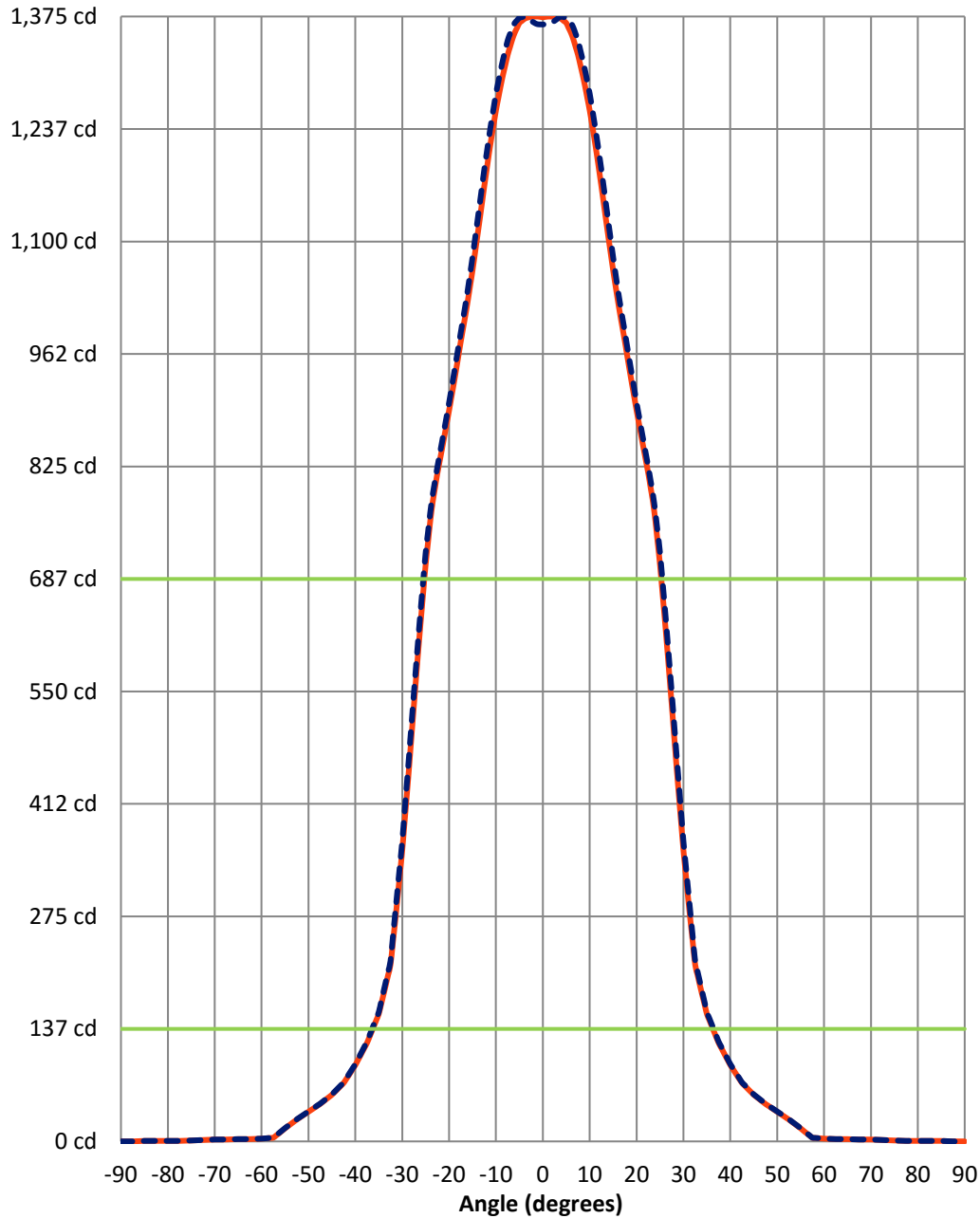
### Luminous Intensity Polar Plot



— Vertical Distribution Through -3.75-Deg    - - - Horizontal Distribution Through -1.25-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 50.5°  
 Lumens: 618  
 Efficiency: 67.4%

**Field:**  
 H Angle: 72.8°  
 V Angle: 72.6°  
 Lumens: 824.2  
 Efficiency: 89.8%

**Spill:**  
 Lumens: 93.3  
 Efficiency: 10.2%

— Vertical Distribution through -3.75-Deg  
 - - Horizontal Distribution through -1.25-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	1
66.25°	0	0	0	0	0	0	0	0	0	0	1
65°	0	0	0	0	0	0	0	0	0	1	1
63.75°	0	0	0	0	0	0	0	0	0	1	1
62.5°	0	0	0	0	0	0	0	0	1	1	1
61.25°	0	0	0	0	0	0	0	0	1	1	1
60°	0	0	0	0	0	0	0	0	1	1	1
58.75°	0	0	0	0	0	0	0	0	1	1	1
57.5°	0	0	0	0	0	0	0	1	1	1	1
56.25°	0	0	0	0	0	0	0	1	1	1	1
55°	0	0	0	0	0	0	0	1	1	1	1
53.75°	0	0	0	0	0	0	0	1	1	1	1
52.5°	0	0	0	0	0	0	0	1	1	1	1
51.25°	0	0	0	0	0	0	1	1	1	1	1
50°	0	0	0	0	0	0	1	1	1	1	1
48.75°	0	0	0	0	0	0	1	1	1	1	1
47.5°	0	0	0	0	0	0	1	1	1	1	1
46.25°	0	0	0	0	0	0	1	1	1	1	1
45°	0	0	0	0	0	0	1	1	1	1	1
43.75°	0	0	0	0	0	0	1	1	1	1	1
42.5°	0	0	0	0	0	1	1	1	1	1	1
41.25°	0	0	0	0	0	1	1	1	1	1	1
40°	0	0	0	0	0	1	1	1	1	1	1
38.75°	0	0	0	0	0	1	1	1	1	1	1
37.5°	0	0	0	0	0	1	1	1	1	1	1
36.25°	0	0	0	0	0	1	1	1	1	1	1
35°	0	0	0	0	0	1	1	1	1	1	1



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0	0	0	0	0	1	1	1	1	1	1
32.5°	0	0	0	0	0	1	1	1	1	1	1
31.25°	0	0	0	0	0	1	1	1	1	1	1
30°	0	0	0	0	0	1	1	1	1	1	1
28.75°	0	0	0	0	0	1	1	1	1	1	1
27.5°	0	0	0	0	0	1	1	1	1	1	1
26.25°	0	0	0	0	0	1	1	1	1	1	1
25°	0	0	0	0	0	1	1	1	1	1	1
23.75°	0	0	0	0	0	1	1	1	1	1	1
22.5°	0	0	0	0	1	1	1	1	1	1	1
21.25°	0	0	0	0	1	1	1	1	1	1	1
20°	0	0	0	0	1	1	1	1	1	1	1
18.75°	0	0	0	0	1	1	1	1	1	1	1
17.5°	0	0	0	0	1	1	1	1	1	1	1
16.25°	0	0	0	0	1	1	1	1	1	1	1
15°	0	0	0	0	1	1	1	1	1	1	1
13.75°	0	0	0	0	1	1	1	1	1	1	1
12.5°	0	0	0	0	1	1	1	1	1	1	1
11.25°	0	0	0	0	1	1	1	1	1	1	1
10°	0	0	0	0	1	1	1	1	1	1	1
8.75°	0	0	0	0	1	1	1	1	1	1	1
7.5°	0	0	0	0	1	1	1	1	1	1	1
6.25°	0	0	0	0	1	1	1	1	1	1	1
5°	0	0	0	0	1	1	1	1	1	1	1
3.75°	0	0	0	0	1	1	1	1	1	1	1
2.5°	0	0	0	0	1	1	1	1	1	1	1
1.25°	0	0	0	0	1	1	1	1	1	1	1
0°	0	0	0	0	1	1	1	1	1	1	1
-1.25°	0	0	0	0	1	1	1	1	1	1	1
-2.5°	0	0	0	0	1	1	1	1	1	1	1
-3.75°	0	0	0	0	1	1	1	1	1	1	1
-5°	0	0	0	0	1	1	1	1	1	1	1
-6.25°	0	0	0	0	1	1	1	1	1	1	1
-7.5°	0	0	0	0	1	1	1	1	1	1	1
-8.75°	0	0	0	0	1	1	1	1	1	1	1
-10°	0	0	0	0	1	1	1	1	1	1	1
-11.25°	0	0	0	0	1	1	1	1	1	1	1
-12.5°	0	0	0	0	1	1	1	1	1	1	1
-13.75°	0	0	0	0	1	1	1	1	1	1	1
-15°	0	0	0	0	1	1	1	1	1	1	1
-16.25°	0	0	0	0	1	1	1	1	1	1	1
-17.5°	0	0	0	0	1	1	1	1	1	1	1
-18.75°	0	0	0	0	1	1	1	1	1	1	1
-20°	0	0	0	0	1	1	1	1	1	1	1
-21.25°	0	0	0	0	1	1	1	1	1	1	1





REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	1	1	1	1	1	1	1
-23.75°	0	0	0	0	0	1	1	1	1	1	1
-25°	0	0	0	0	0	1	1	1	1	1	1
-26.25°	0	0	0	0	0	1	1	1	1	1	1
-27.5°	0	0	0	0	0	1	1	1	1	1	1
-28.75°	0	0	0	0	0	1	1	1	1	1	1
-30°	0	0	0	0	0	1	1	1	1	1	1
-31.25°	0	0	0	0	0	1	1	1	1	1	1
-32.5°	0	0	0	0	0	1	1	1	1	1	1
-33.75°	0	0	0	0	0	1	1	1	1	1	1
-35°	0	0	0	0	0	1	1	1	1	1	1
-36.25°	0	0	0	0	0	1	1	1	1	1	1
-37.5°	0	0	0	0	0	1	1	1	1	1	1
-38.75°	0	0	0	0	0	1	1	1	1	1	1
-40°	0	0	0	0	0	1	1	1	1	1	1
-41.25°	0	0	0	0	0	1	1	1	1	1	1
-42.5°	0	0	0	0	0	1	1	1	1	1	1
-43.75°	0	0	0	0	0	0	1	1	1	1	1
-45°	0	0	0	0	0	0	1	1	1	1	1
-46.25°	0	0	0	0	0	0	1	1	1	1	1
-47.5°	0	0	0	0	0	0	1	1	1	1	1
-48.75°	0	0	0	0	0	0	1	1	1	1	1
-50°	0	0	0	0	0	0	1	1	1	1	1
-51.25°	0	0	0	0	0	0	1	1	1	1	1
-52.5°	0	0	0	0	0	0	0	1	1	1	1
-53.75°	0	0	0	0	0	0	0	1	1	1	1
-55°	0	0	0	0	0	0	0	1	1	1	1
-56.25°	0	0	0	0	0	0	0	1	1	1	1
-57.5°	0	0	0	0	0	0	0	1	1	1	1
-58.75°	0	0	0	0	0	0	0	0	1	1	1
-60°	0	0	0	0	0	0	0	0	1	1	1
-61.25°	0	0	0	0	0	0	0	0	1	1	1
-62.5°	0	0	0	0	0	0	0	0	1	1	1
-63.75°	0	0	0	0	0	0	0	0	0	1	1
-65°	0	0	0	0	0	0	0	0	0	1	1
-66.25°	0	0	0	0	0	0	0	0	0	0	1
-67.5°	0	0	0	0	0	0	0	0	0	0	1
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	1	1
77.5°	0	0	0	0	0	0	0	1	1	1	1
76.25°	0	0	0	0	0	1	1	1	1	1	1
75°	0	0	0	0	1	1	1	1	1	1	1
73.75°	0	0	0	1	1	1	1	1	1	1	1
72.5°	0	0	1	1	1	1	1	1	1	1	1
71.25°	0	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	1	1	1	1	1	1	1	1	1	1	2
47.5°	1	1	1	1	1	1	1	1	1	1	2
46.25°	1	1	1	1	1	1	1	1	1	2	2
45°	1	1	1	1	1	1	1	1	1	2	2
43.75°	1	1	1	1	1	1	1	1	2	2	2
42.5°	1	1	1	1	1	1	1	1	2	2	2
41.25°	1	1	1	1	1	1	1	2	2	2	2
40°	1	1	1	1	1	1	1	2	2	2	2
38.75°	1	1	1	1	1	1	1	2	2	2	2
37.5°	1	1	1	1	1	1	2	2	2	2	2
36.25°	1	1	1	1	1	1	2	2	2	2	2
35°	1	1	1	1	1	1	2	2	2	2	2



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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	2	2	2	2	2
32.5°	1	1	1	1	1	2	2	2	2	2	2
31.25°	1	1	1	1	1	2	2	2	2	2	2
30°	1	1	1	1	1	2	2	2	2	2	2
28.75°	1	1	1	1	1	2	2	2	2	2	2
27.5°	1	1	1	1	1	2	2	2	2	2	2
26.25°	1	1	1	1	2	2	2	2	2	2	2
25°	1	1	1	1	2	2	2	2	2	2	3
23.75°	1	1	1	1	2	2	2	2	2	2	3
22.5°	1	1	1	1	2	2	2	2	2	2	3
21.25°	1	1	1	1	2	2	2	2	2	2	3
20°	1	1	1	1	2	2	2	2	2	2	3
18.75°	1	1	1	1	2	2	2	2	2	3	3
17.5°	1	1	1	1	2	2	2	2	2	3	3
16.25°	1	1	1	2	2	2	2	2	2	3	3
15°	1	1	1	2	2	2	2	2	2	3	3
13.75°	1	1	1	2	2	2	2	2	2	3	3
12.5°	1	1	1	2	2	2	2	2	2	3	3
11.25°	1	1	1	2	2	2	2	2	2	3	3
10°	1	1	1	2	2	2	2	2	2	3	3
8.75°	1	1	1	2	2	2	2	2	2	3	3
7.5°	1	1	1	2	2	2	2	2	3	3	3
6.25°	1	1	1	2	2	2	2	2	3	3	3
5°	1	1	1	2	2	2	2	2	3	3	3
3.75°	1	1	1	2	2	2	2	2	3	3	3
2.5°	1	1	1	2	2	2	2	2	3	3	3
1.25°	1	1	1	2	2	2	2	2	3	3	3
0°	1	1	1	2	2	2	2	2	3	3	3
-1.25°	1	1	1	2	2	2	2	2	3	3	3
-2.5°	1	1	1	2	2	2	2	2	3	3	3
-3.75°	1	1	1	2	2	2	2	2	3	3	3
-5°	1	1	1	2	2	2	2	2	3	3	3
-6.25°	1	1	1	2	2	2	2	2	3	3	3
-7.5°	1	1	1	2	2	2	2	2	3	3	3
-8.75°	1	1	1	2	2	2	2	2	2	3	3
-10°	1	1	1	2	2	2	2	2	2	3	3
-11.25°	1	1	1	2	2	2	2	2	2	3	3
-12.5°	1	1	1	2	2	2	2	2	2	3	3
-13.75°	1	1	1	2	2	2	2	2	2	3	3
-15°	1	1	1	2	2	2	2	2	2	3	3
-16.25°	1	1	1	2	2	2	2	2	2	3	3
-17.5°	1	1	1	1	2	2	2	2	2	3	3
-18.75°	1	1	1	1	2	2	2	2	2	3	3
-20°	1	1	1	1	2	2	2	2	2	2	3
-21.25°	1	1	1	1	2	2	2	2	2	2	3



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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	2	2	2	2	2	2	3
-23.75°	1	1	1	1	2	2	2	2	2	2	3
-25°	1	1	1	1	2	2	2	2	2	2	3
-26.25°	1	1	1	1	2	2	2	2	2	2	2
-27.5°	1	1	1	1	1	2	2	2	2	2	2
-28.75°	1	1	1	1	1	2	2	2	2	2	2
-30°	1	1	1	1	1	2	2	2	2	2	2
-31.25°	1	1	1	1	1	2	2	2	2	2	2
-32.5°	1	1	1	1	1	2	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	2	2	2	2	2
-36.25°	1	1	1	1	1	1	2	2	2	2	2
-37.5°	1	1	1	1	1	1	2	2	2	2	2
-38.75°	1	1	1	1	1	1	1	2	2	2	2
-40°	1	1	1	1	1	1	1	2	2	2	2
-41.25°	1	1	1	1	1	1	1	2	2	2	2
-42.5°	1	1	1	1	1	1	1	1	2	2	2
-43.75°	1	1	1	1	1	1	1	1	2	2	2
-45°	1	1	1	1	1	1	1	1	1	2	2
-46.25°	1	1	1	1	1	1	1	1	1	2	2
-47.5°	1	1	1	1	1	1	1	1	1	1	2
-48.75°	1	1	1	1	1	1	1	1	1	1	2
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	0	1	1	1	1	1	1	1	1	1	1
-72.5°	0	0	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	1	1	1	1	1	1	1	1
-75°	0	0	0	0	1	1	1	1	1	1	1
-76.25°	0	0	0	0	0	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	0	1	1	1	1



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	0	0	0	0	1	1
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	1	1
81.25°	0	0	0	0	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	2	2
61.25°	1	1	1	1	1	1	1	1	2	2	2
60°	1	1	1	1	1	1	1	2	2	2	2
58.75°	1	1	1	1	1	2	2	2	2	2	2
57.5°	1	1	1	1	2	2	2	2	2	2	2
56.25°	1	1	1	2	2	2	2	2	2	2	2
55°	1	1	1	2	2	2	2	2	2	2	2
53.75°	1	1	2	2	2	2	2	2	2	2	2
52.5°	1	2	2	2	2	2	2	2	2	2	2
51.25°	2	2	2	2	2	2	2	2	2	2	3
50°	2	2	2	2	2	2	2	2	2	3	3
48.75°	2	2	2	2	2	2	2	2	3	3	3
47.5°	2	2	2	2	2	2	2	3	3	3	3
46.25°	2	2	2	2	2	2	2	3	3	3	3
45°	2	2	2	2	2	2	3	3	3	3	3
43.75°	2	2	2	2	2	3	3	3	3	3	3
42.5°	2	2	2	2	2	3	3	3	3	3	3
41.25°	2	2	2	2	3	3	3	3	3	3	3
40°	2	2	2	2	3	3	3	3	3	3	3
38.75°	2	2	2	3	3	3	3	3	3	3	3
37.5°	2	2	2	3	3	3	3	3	3	3	4
36.25°	2	2	3	3	3	3	3	3	3	4	4
35°	2	2	3	3	3	3	3	3	3	4	4



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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	3	3	3	3	3	3	3	4	4	4
32.5°	2	3	3	3	3	3	3	3	4	4	6
31.25°	2	3	3	3	3	3	3	4	4	4	8
30°	3	3	3	3	3	3	3	4	4	6	11
28.75°	3	3	3	3	3	3	3	4	4	8	13
27.5°	3	3	3	3	3	3	4	4	5	10	15
26.25°	3	3	3	3	3	3	4	4	7	12	17
25°	3	3	3	3	3	4	4	4	9	14	19
23.75°	3	3	3	3	3	4	4	6	11	16	21
22.5°	3	3	3	3	3	4	4	7	13	18	22
21.25°	3	3	3	3	3	4	4	9	14	19	24
20°	3	3	3	3	4	4	5	10	16	21	26
18.75°	3	3	3	3	4	4	6	12	17	22	27
17.5°	3	3	3	3	4	4	8	13	18	23	28
16.25°	3	3	3	3	4	4	9	14	20	25	29
15°	3	3	3	3	4	4	10	16	21	26	30
13.75°	3	3	3	4	4	5	11	17	22	27	31
12.5°	3	3	3	4	4	6	12	17	23	28	32
11.25°	3	3	3	4	4	7	13	18	23	28	33
10°	3	3	3	4	4	8	13	19	24	29	34
8.75°	3	3	3	4	4	8	14	20	25	30	34
7.5°	3	3	3	4	4	9	15	20	25	30	35
6.25°	3	3	3	4	4	9	15	21	26	31	36
5°	3	3	3	4	4	10	16	21	26	31	36
3.75°	3	3	3	4	4	10	16	21	27	31	36
2.5°	3	3	3	4	4	10	16	21	27	32	36
1.25°	3	3	3	4	4	10	16	22	27	32	37
0°	3	3	3	4	5	10	16	22	27	32	37
-1.25°	3	3	3	4	4	10	16	22	27	32	37
-2.5°	3	3	3	4	4	10	16	21	27	32	36
-3.75°	3	3	3	4	4	10	16	21	27	31	36
-5°	3	3	3	4	4	10	16	21	26	31	36
-6.25°	3	3	3	4	4	9	15	21	26	31	36
-7.5°	3	3	3	4	4	9	15	20	25	30	35
-8.75°	3	3	3	4	4	8	14	20	25	30	34
-10°	3	3	3	4	4	8	13	19	24	29	34
-11.25°	3	3	3	4	4	7	13	18	23	28	33
-12.5°	3	3	3	4	4	6	12	17	23	28	32
-13.75°	3	3	3	4	4	5	11	17	22	27	31
-15°	3	3	3	3	4	4	10	16	21	26	30
-16.25°	3	3	3	3	4	4	9	14	20	25	29
-17.5°	3	3	3	3	4	4	8	13	18	23	28
-18.75°	3	3	3	3	4	4	6	12	17	22	27
-20°	3	3	3	3	4	4	5	10	16	21	26
-21.25°	3	3	3	3	3	4	4	9	14	19	24





REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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°	3	3	3	3	3	4	4	7	13	18	22
-23.75°	3	3	3	3	3	4	4	6	11	16	21
-25°	3	3	3	3	3	4	4	4	9	14	19
-26.25°	3	3	3	3	3	3	4	4	7	12	17
-27.5°	3	3	3	3	3	3	4	4	5	10	15
-28.75°	3	3	3	3	3	3	3	4	4	8	13
-30°	3	3	3	3	3	3	3	4	4	6	11
-31.25°	2	3	3	3	3	3	3	4	4	4	8
-32.5°	2	3	3	3	3	3	3	3	4	4	6
-33.75°	2	3	3	3	3	3	3	3	4	4	4
-35°	2	2	3	3	3	3	3	3	3	4	4
-36.25°	2	2	3	3	3	3	3	3	3	4	4
-37.5°	2	2	2	3	3	3	3	3	3	3	4
-38.75°	2	2	2	3	3	3	3	3	3	3	3
-40°	2	2	2	2	3	3	3	3	3	3	3
-41.25°	2	2	2	2	3	3	3	3	3	3	3
-42.5°	2	2	2	2	2	3	3	3	3	3	3
-43.75°	2	2	2	2	2	3	3	3	3	3	3
-45°	2	2	2	2	2	2	3	3	3	3	3
-46.25°	2	2	2	2	2	2	2	3	3	3	3
-47.5°	2	2	2	2	2	2	2	3	3	3	3
-48.75°	2	2	2	2	2	2	2	2	3	3	3
-50°	2	2	2	2	2	2	2	2	2	3	3
-51.25°	2	2	2	2	2	2	2	2	2	2	3
-52.5°	1	2	2	2	2	2	2	2	2	2	2
-53.75°	1	1	2	2	2	2	2	2	2	2	2
-55°	1	1	1	2	2	2	2	2	2	2	2
-56.25°	1	1	1	2	2	2	2	2	2	2	2
-57.5°	1	1	1	1	2	2	2	2	2	2	2
-58.75°	1	1	1	1	1	2	2	2	2	2	2
-60°	1	1	1	1	1	1	1	2	2	2	2
-61.25°	1	1	1	1	1	1	1	1	2	2	2
-62.5°	1	1	1	1	1	1	1	1	1	2	2
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	0	0	0	0	1	1	1	1	1	1	1
-82.5°	0	0	0	0	0	0	0	0	0	1	1
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	2	2
67.5°	1	1	1	1	1	1	2	2	2	2	2
66.25°	1	1	1	1	2	2	2	2	2	2	2
65°	1	1	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	3
58.75°	2	2	2	2	2	2	2	2	3	3	3
57.5°	2	2	2	2	2	2	3	3	3	3	3
56.25°	2	2	2	2	3	3	3	3	3	3	3
55°	2	2	2	3	3	3	3	3	3	3	3
53.75°	2	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	4
50°	3	3	3	3	3	3	3	3	3	4	4
48.75°	3	3	3	3	3	3	3	4	4	4	4
47.5°	3	3	3	3	3	3	4	4	4	4	7
46.25°	3	3	3	3	3	4	4	4	5	8	11
45°	3	3	3	3	4	4	4	6	9	12	15
43.75°	3	3	3	4	4	4	6	10	13	16	19
42.5°	3	3	4	4	4	7	10	13	17	20	23
41.25°	3	4	4	4	6	10	14	17	20	23	26
40°	4	4	4	6	10	13	17	20	24	27	30
38.75°	4	4	5	9	13	17	20	24	27	30	33
37.5°	4	4	8	12	16	20	23	27	30	33	36
36.25°	4	7	11	15	19	23	26	30	33	36	39
35°	5	10	14	18	22	26	29	32	35	39	42



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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°	8	12	17	21	24	28	32	35	38	41	45
32.5°	11	15	19	23	27	31	34	38	41	44	48
31.25°	13	17	22	26	29	33	37	40	44	47	51
30°	15	20	24	28	32	35	39	43	46	50	54
28.75°	18	22	26	30	34	38	41	45	49	53	57
27.5°	20	24	28	32	36	40	44	48	52	56	61
26.25°	22	26	30	34	38	42	46	50	55	60	65
25°	24	28	32	36	40	44	48	53	57	63	69
23.75°	25	30	34	38	42	46	51	55	61	67	73
22.5°	27	31	35	40	44	48	53	58	64	70	78
21.25°	29	33	37	41	46	50	55	61	67	74	83
20°	30	34	39	43	47	52	57	64	70	78	88
18.75°	31	36	40	44	49	54	60	66	73	83	93
17.5°	33	37	41	46	51	56	62	69	77	87	98
16.25°	34	38	43	47	53	58	65	71	81	91	103
15°	35	39	44	49	54	60	67	74	85	95	107
13.75°	36	40	45	50	56	62	69	77	88	99	112
12.5°	37	41	46	51	57	64	70	80	91	103	116
11.25°	38	42	47	53	58	65	72	83	94	107	120
10°	38	43	48	54	60	67	75	85	97	110	123
8.75°	39	44	49	55	61	68	77	88	99	113	127
7.5°	40	44	50	55	62	69	78	89	102	115	131
6.25°	40	45	50	56	63	70	80	91	104	117	134
5°	41	45	51	57	63	71	81	92	105	119	136
3.75°	41	46	51	57	64	71	82	93	107	120	138
2.5°	41	46	52	57	64	72	83	94	108	121	139
1.25°	41	46	52	57	65	72	83	94	108	122	140
0°	41	46	52	58	65	72	83	95	108	122	140
-1.25°	41	46	52	57	64	72	83	94	108	121	139
-2.5°	41	46	52	57	64	72	83	94	108	121	139
-3.75°	41	46	51	57	64	71	82	93	107	120	138
-5°	41	45	51	57	63	71	81	92	105	119	136
-6.25°	40	45	50	56	63	70	80	91	104	117	134
-7.5°	40	44	50	55	62	69	78	89	102	115	131
-8.75°	39	44	49	55	61	68	77	88	99	113	127
-10°	38	43	48	54	60	67	75	85	97	110	123
-11.25°	38	42	47	53	58	65	72	83	94	107	120
-12.5°	37	41	46	51	57	64	70	80	91	103	116
-13.75°	36	40	45	50	56	62	69	77	88	99	112
-15°	35	39	44	49	54	60	67	74	85	95	107
-16.25°	34	38	43	47	53	58	65	71	81	91	103
-17.5°	33	37	41	46	51	56	62	69	77	87	98
-18.75°	31	36	40	44	49	54	60	66	73	83	93
-20°	30	34	39	43	47	52	57	64	70	78	88
-21.25°	29	33	37	41	46	50	55	61	67	74	83



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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°	27	31	35	40	44	48	53	58	64	70	78
-23.75°	25	30	34	38	42	46	51	55	61	67	73
-25°	24	28	32	36	40	44	48	53	57	63	69
-26.25°	22	26	30	34	38	42	46	50	55	60	65
-27.5°	20	24	28	32	36	40	44	48	52	56	61
-28.75°	18	22	26	30	34	38	41	45	49	53	57
-30°	15	20	24	28	32	35	39	43	46	50	54
-31.25°	13	17	22	26	29	33	37	40	44	47	51
-32.5°	11	15	19	23	27	31	34	38	41	44	48
-33.75°	8	12	17	21	24	28	32	35	38	41	45
-35°	5	10	14	18	22	26	29	32	35	39	42
-36.25°	4	7	11	15	19	23	26	30	33	36	39
-37.5°	4	4	8	12	16	20	23	27	30	33	36
-38.75°	4	4	5	9	13	17	20	24	27	30	33
-40°	4	4	4	6	10	13	17	20	24	27	30
-41.25°	3	4	4	4	6	10	14	17	20	23	26
-42.5°	3	3	4	4	4	7	10	13	17	20	23
-43.75°	3	3	3	4	4	4	6	10	13	16	19
-45°	3	3	3	3	4	4	4	6	9	12	15
-46.25°	3	3	3	3	3	4	4	4	5	8	11
-47.5°	3	3	3	3	3	3	4	4	4	4	7
-48.75°	3	3	3	3	3	3	3	4	4	4	4
-50°	3	3	3	3	3	3	3	3	3	4	4
-51.25°	3	3	3	3	3	3	3	3	3	3	4
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	2	3	3	3	3	3	3	3	3	3	3
-55°	2	2	2	3	3	3	3	3	3	3	3
-56.25°	2	2	2	2	3	3	3	3	3	3	3
-57.5°	2	2	2	2	2	2	3	3	3	3	3
-58.75°	2	2	2	2	2	2	2	2	3	3	3
-60°	2	2	2	2	2	2	2	2	2	2	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°	1	1	2	2	2	2	2	2	2	2	2
-66.25°	1	1	1	1	2	2	2	2	2	2	2
-67.5°	1	1	1	1	1	1	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	2	2
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	0	0	0	0	0	1	1	1	1	1	1
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	2	2	2	2
70°	1	1	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	3	3	3
62.5°	2	2	2	2	3	3	3	3	3	3	3
61.25°	2	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	4	4	4
55°	3	3	3	3	3	3	4	4	4	4	4
53.75°	3	3	3	4	4	4	4	4	4	6	7
52.5°	3	4	4	4	4	4	5	7	9	11	13
51.25°	4	4	4	4	6	8	10	12	14	16	18
50°	4	4	6	8	11	13	15	17	19	21	22
48.75°	5	8	11	13	15	18	20	22	24	25	27
47.5°	10	12	15	17	20	22	24	26	28	30	31
46.25°	14	17	19	22	24	26	28	30	32	34	35
45°	18	21	23	26	28	30	32	34	36	38	40
43.75°	22	24	27	29	32	34	36	38	40	42	44
42.5°	26	28	31	33	35	38	40	42	44	46	48
41.25°	29	32	34	37	39	41	44	46	48	51	53
40°	32	35	38	40	43	45	48	50	53	55	58
38.75°	35	38	41	44	46	49	52	55	57	61	64
37.5°	39	41	44	47	50	53	56	60	63	67	70
36.25°	42	45	48	51	54	57	61	65	69	73	78
35°	45	48	52	55	59	63	67	71	76	82	87



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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°	48	52	55	59	64	68	72	79	85	91	97
32.5°	52	55	59	64	69	74	80	87	93	100	108
31.25°	55	59	64	69	74	82	88	95	103	111	119
30°	59	64	69	74	82	89	97	105	113	122	131
28.75°	63	68	74	82	89	97	106	115	124	135	145
27.5°	67	72	80	88	97	106	115	125	137	148	159
26.25°	71	79	87	95	105	115	125	137	149	163	182
25°	76	85	93	103	113	124	137	149	164	185	205
23.75°	82	91	100	111	122	135	148	163	185	206	235
22.5°	87	97	108	119	131	145	159	182	205	235	286
21.25°	93	103	115	127	141	155	177	201	229	282	335
20°	98	110	121	136	151	170	195	219	273	328	385
18.75°	104	116	129	145	161	186	212	258	316	374	441
17.5°	110	122	137	153	175	202	237	297	357	425	497
16.25°	115	129	145	162	189	216	273	335	402	476	550
15°	120	136	152	175	203	243	307	370	447	524	600
13.75°	125	142	158	187	215	273	338	410	490	570	645
12.5°	131	148	169	198	234	301	368	448	531	611	684
11.25°	136	153	179	208	259	327	400	484	568	648	720
10°	141	158	187	217	281	350	430	517	601	679	747
8.75°	145	165	195	231	301	372	458	545	630	707	771
7.5°	148	171	202	247	319	394	482	571	655	730	786
6.25°	151	177	208	262	333	413	503	592	675	747	799
5°	154	181	212	273	346	429	520	609	692	761	809
3.75°	156	185	216	282	355	441	533	623	705	773	816
2.5°	157	188	219	289	362	451	543	632	714	779	821
1.25°	158	189	220	293	367	456	549	638	720	782	824
0°	158	190	221	294	368	458	551	640	722	783	825
-1.25°	158	189	220	293	367	456	549	638	720	782	824
-2.5°	157	188	219	289	362	451	543	632	714	779	821
-3.75°	156	185	216	282	355	441	533	623	705	773	816
-5°	154	181	212	273	346	429	520	609	692	761	809
-6.25°	151	177	208	262	333	413	503	592	675	747	799
-7.5°	148	171	202	247	319	394	482	571	655	730	786
-8.75°	145	165	195	231	301	372	458	545	630	707	771
-10°	141	158	187	217	281	350	430	517	601	679	747
-11.25°	136	153	179	208	259	327	400	484	568	648	720
-12.5°	131	148	169	198	234	301	368	448	531	611	684
-13.75°	125	142	158	187	215	273	338	410	490	570	645
-15°	120	136	152	175	203	243	307	370	447	524	600
-16.25°	115	129	145	162	189	216	273	335	402	476	550
-17.5°	110	122	137	153	175	202	237	297	357	425	497
-18.75°	104	116	129	145	161	186	212	258	316	374	441
-20°	98	110	121	136	151	170	195	219	273	328	385
-21.25°	93	103	115	127	141	155	177	201	229	282	335





REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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°	87	97	108	119	131	145	159	182	205	235	286
-23.75°	82	91	100	111	122	135	148	163	185	206	235
-25°	76	85	93	103	113	124	137	149	164	185	205
-26.25°	71	79	87	95	105	115	125	137	149	163	182
-27.5°	67	72	80	88	97	106	115	125	137	148	159
-28.75°	63	68	74	82	89	97	106	115	124	135	145
-30°	59	64	69	74	82	89	97	105	113	122	131
-31.25°	55	59	64	69	74	82	88	95	103	111	119
-32.5°	52	55	59	64	69	74	80	87	93	100	108
-33.75°	48	52	55	59	64	68	72	79	85	91	97
-35°	45	48	52	55	59	63	67	71	76	82	87
-36.25°	42	45	48	51	54	57	61	65	69	73	78
-37.5°	39	41	44	47	50	53	56	60	63	67	70
-38.75°	35	38	41	44	46	49	52	55	57	61	64
-40°	32	35	38	40	43	45	48	50	53	55	58
-41.25°	29	32	34	37	39	41	44	46	48	51	53
-42.5°	26	28	31	33	35	38	40	42	44	46	48
-43.75°	22	24	27	29	32	34	36	38	40	42	44
-45°	18	21	23	26	28	30	32	34	36	38	40
-46.25°	14	17	19	22	24	26	28	30	32	34	35
-47.5°	10	12	15	17	20	22	24	26	28	30	31
-48.75°	5	8	11	13	15	18	20	22	24	25	27
-50°	4	4	6	8	11	13	15	17	19	21	22
-51.25°	4	4	4	4	6	8	10	12	14	16	18
-52.5°	3	4	4	4	4	4	5	7	9	11	13
-53.75°	3	3	3	4	4	4	4	4	4	6	7
-55°	3	3	3	3	3	3	4	4	4	4	4
-56.25°	3	3	3	3	3	3	3	3	4	4	4
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	2	3	3	3	3	3	3	3	3	3	3
-62.5°	2	2	2	2	3	3	3	3	3	3	3
-63.75°	2	2	2	2	2	2	2	2	3	3	3
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	1	1	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	2	2	2	2
-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: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	0	0	0	0	0	0	0	0	0	0	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	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	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	4	4	4	4	4
57.5°	3	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	5	6	7	8	8
55°	4	5	6	8	9	10	11	12	13	13	14
53.75°	9	10	12	13	14	16	17	17	18	19	20
52.5°	14	16	17	18	20	21	22	23	23	24	25
51.25°	19	21	22	23	25	26	27	28	28	29	30
50°	24	26	27	28	29	30	31	32	33	34	34
48.75°	29	30	31	33	34	35	36	37	38	38	39
47.5°	33	34	36	37	38	39	40	41	42	43	44
46.25°	37	39	40	41	43	44	45	46	47	48	49
45°	41	43	44	46	47	49	50	51	53	54	55
43.75°	46	47	49	51	53	54	56	57	58	60	61
42.5°	50	52	54	56	58	60	62	64	65	67	68
41.25°	55	57	60	62	65	67	69	70	72	75	77
40°	61	64	66	69	71	74	77	80	83	85	88
38.75°	67	70	73	77	81	85	88	91	94	97	99
37.5°	74	78	83	87	91	95	99	103	107	110	113
36.25°	83	88	93	98	103	107	112	116	120	123	127
35°	93	98	104	110	115	120	125	131	136	141	145



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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°	103	110	116	122	129	136	142	148	153	158	165
32.5°	115	121	129	137	145	152	158	169	179	187	195
31.25°	127	136	145	153	162	175	187	198	208	217	231
30°	141	151	161	175	189	203	215	234	259	281	301
28.75°	155	170	186	202	216	243	273	301	327	350	372
27.5°	177	195	212	237	273	307	338	368	400	430	458
26.25°	201	219	258	297	335	370	410	448	484	517	545
25°	229	273	316	357	402	447	490	531	568	601	630
23.75°	282	328	374	425	476	524	570	611	648	679	707
22.5°	335	385	441	497	550	600	645	684	720	747	771
21.25°	389	450	510	568	621	670	713	747	777	796	813
20°	450	514	577	634	686	731	768	794	815	832	848
18.75°	510	577	638	694	742	780	806	828	848	867	884
17.5°	568	634	694	745	785	813	837	860	881	902	921
16.25°	621	686	742	785	815	841	867	891	915	938	960
15°	670	731	780	813	841	869	896	923	950	975	996
13.75°	713	768	806	837	867	896	926	956	984	1009	1033
12.5°	747	794	828	860	891	923	956	987	1015	1044	1074
11.25°	777	815	848	881	915	950	984	1015	1048	1082	1116
10°	796	832	867	902	938	975	1009	1044	1082	1121	1158
8.75°	813	848	884	921	960	996	1033	1074	1116	1158	1196
7.5°	826	862	899	938	979	1016	1057	1102	1147	1191	1230
6.25°	837	875	913	954	994	1034	1080	1127	1175	1220	1258
5°	847	885	925	968	1007	1051	1099	1149	1199	1243	1281
3.75°	854	893	934	978	1019	1064	1115	1167	1217	1260	1297
2.5°	860	899	941	985	1027	1075	1126	1180	1229	1273	1309
1.25°	863	903	945	989	1032	1081	1134	1187	1237	1281	1316
0°	864	904	947	990	1033	1083	1136	1190	1239	1283	1318
-1.25°	863	903	945	989	1032	1081	1134	1187	1237	1281	1316
-2.5°	860	899	941	985	1027	1075	1126	1180	1229	1273	1309
-3.75°	854	893	934	978	1019	1064	1115	1167	1217	1260	1297
-5°	847	885	925	968	1007	1051	1099	1149	1199	1243	1281
-6.25°	837	875	913	954	994	1034	1080	1127	1175	1220	1258
-7.5°	826	862	899	938	979	1016	1057	1102	1147	1191	1230
-8.75°	813	848	884	921	960	996	1033	1074	1116	1158	1196
-10°	796	832	867	902	938	975	1009	1044	1082	1121	1158
-11.25°	777	815	848	881	915	950	984	1015	1048	1082	1116
-12.5°	747	794	828	860	891	923	956	987	1015	1044	1074
-13.75°	713	768	806	837	867	896	926	956	984	1009	1033
-15°	670	731	780	813	841	869	896	923	950	975	996
-16.25°	621	686	742	785	815	841	867	891	915	938	960
-17.5°	568	634	694	745	785	813	837	860	881	902	921
-18.75°	510	577	638	694	742	780	806	828	848	867	884
-20°	450	514	577	634	686	731	768	794	815	832	848
-21.25°	389	450	510	568	621	670	713	747	777	796	813



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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°	335	385	441	497	550	600	645	684	720	747	771
-23.75°	282	328	374	425	476	524	570	611	648	679	707
-25°	229	273	316	357	402	447	490	531	568	601	630
-26.25°	201	219	258	297	335	370	410	448	484	517	545
-27.5°	177	195	212	237	273	307	338	368	400	430	458
-28.75°	155	170	186	202	216	243	273	301	327	350	372
-30°	141	151	161	175	189	203	215	234	259	281	301
-31.25°	127	136	145	153	162	175	187	198	208	217	231
-32.5°	115	121	129	137	145	152	158	169	179	187	195
-33.75°	103	110	116	122	129	136	142	148	153	158	165
-35°	93	98	104	110	115	120	125	131	136	141	145
-36.25°	83	88	93	98	103	107	112	116	120	123	127
-37.5°	74	78	83	87	91	95	99	103	107	110	113
-38.75°	67	70	73	77	81	85	88	91	94	97	99
-40°	61	64	66	69	71	74	77	80	83	85	88
-41.25°	55	57	60	62	65	67	69	70	72	75	77
-42.5°	50	52	54	56	58	60	62	64	65	67	68
-43.75°	46	47	49	51	53	54	56	57	58	60	61
-45°	41	43	44	46	47	49	50	51	53	54	55
-46.25°	37	39	40	41	43	44	45	46	47	48	49
-47.5°	33	34	36	37	38	39	40	41	42	43	44
-48.75°	29	30	31	33	34	35	36	37	38	38	39
-50°	24	26	27	28	29	30	31	32	33	34	34
-51.25°	19	21	22	23	25	26	27	28	28	29	30
-52.5°	14	16	17	18	20	21	22	23	23	24	25
-53.75°	9	10	12	13	14	16	17	17	18	19	20
-55°	4	5	6	8	9	10	11	12	13	13	14
-56.25°	4	4	4	4	4	4	5	6	7	8	8
-57.5°	3	4	4	4	4	4	4	4	4	4	4
-58.75°	3	3	3	3	3	3	4	4	4	4	4
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	2	2	3	3	3	3	3	3	3	3	3
-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°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	1	1	1	1	2	2	2	2	2	2	2
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	5	4	4	4	4
56.25°	9	9	10	10	10	10	10	10	10	10	10
55°	15	15	16	16	16	16	16	16	16	16	16
53.75°	20	21	21	21	21	22	22	22	21	21	21
52.5°	25	26	26	27	27	27	27	27	27	27	26
51.25°	30	31	31	31	32	32	32	32	32	31	31
50°	35	36	36	36	36	37	37	37	36	36	36
48.75°	40	40	41	41	41	41	41	41	41	41	41
47.5°	44	45	45	46	46	46	46	46	46	46	45
46.25°	50	50	51	51	52	52	52	52	52	51	51
45°	55	56	57	57	57	57	58	57	57	57	57
43.75°	62	63	63	64	64	65	65	65	64	64	63
42.5°	69	70	71	71	72	72	72	72	72	71	71
41.25°	78	80	81	82	83	83	83	83	83	82	81
40°	89	91	92	93	94	94	95	94	94	93	92
38.75°	102	104	105	107	108	108	108	108	108	107	105
37.5°	115	117	119	120	121	122	122	122	121	120	119
36.25°	131	134	136	138	139	140	140	140	139	138	136
35°	148	151	154	156	157	158	158	158	157	156	154



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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°	171	177	181	185	188	189	190	189	188	185	181
32.5°	202	208	212	216	219	220	221	220	219	216	212
31.25°	247	262	273	282	289	293	294	293	289	282	273
30°	319	333	346	355	362	367	368	367	362	355	346
28.75°	394	413	429	441	451	456	458	456	451	441	429
27.5°	482	503	520	533	543	549	551	549	543	533	520
26.25°	571	592	609	623	632	638	640	638	632	623	609
25°	655	675	692	705	714	720	722	720	714	705	692
23.75°	730	747	761	773	779	782	783	782	779	773	761
22.5°	786	799	809	816	821	824	825	824	821	816	809
21.25°	826	837	847	854	860	863	864	863	860	854	847
20°	862	875	885	893	899	903	904	903	899	893	885
18.75°	899	913	925	934	941	945	947	945	941	934	925
17.5°	938	954	968	978	985	989	990	989	985	978	968
16.25°	979	994	1007	1019	1027	1032	1033	1032	1027	1019	1007
15°	1016	1034	1051	1064	1075	1081	1083	1081	1075	1064	1051
13.75°	1057	1080	1099	1115	1126	1134	1136	1134	1126	1115	1099
12.5°	1102	1127	1149	1167	1180	1187	1190	1187	1180	1167	1149
11.25°	1147	1175	1199	1217	1229	1237	1239	1237	1229	1217	1199
10°	1191	1220	1243	1260	1273	1281	1283	1281	1273	1260	1243
8.75°	1230	1258	1281	1297	1309	1316	1318	1316	1309	1297	1281
7.5°	1263	1290	1312	1328	1340	1346	1348	1346	1340	1328	1312
6.25°	1290	1316	1338	1352	1361	1365	1367	1365	1361	1352	1338
5°	1312	1338	1356	1367	1372	1373	1374	1373	1372	1367	1356
3.75°	1328	1352	1367	1373	1375	1375	1374	1375	1375	1373	1367
2.5°	1340	1361	1372	1375	1373	1370	1368	1370	1373	1375	1372
1.25°	1346	1365	1373	1375	1370	1365	1365	1365	1370	1375	1373
0°	1348	1367	1374	1374	1368	1365	1369	1365	1368	1374	1374
-1.25°	1346	1365	1373	1375	1370	1365	1365	1365	1370	1375	1373
-2.5°	1340	1361	1372	1375	1373	1370	1368	1370	1373	1375	1372
-3.75°	1328	1352	1367	1373	1375	1375	1374	1375	1375	1373	1367
-5°	1312	1338	1356	1367	1372	1373	1374	1373	1372	1367	1356
-6.25°	1290	1316	1338	1352	1361	1365	1367	1365	1361	1352	1338
-7.5°	1263	1290	1312	1328	1340	1346	1348	1346	1340	1328	1312
-8.75°	1230	1258	1281	1297	1309	1316	1318	1316	1309	1297	1281
-10°	1191	1220	1243	1260	1273	1281	1283	1281	1273	1260	1243
-11.25°	1147	1175	1199	1217	1229	1237	1239	1237	1229	1217	1199
-12.5°	1102	1127	1149	1167	1180	1187	1190	1187	1180	1167	1149
-13.75°	1057	1080	1099	1115	1126	1134	1136	1134	1126	1115	1099
-15°	1016	1034	1051	1064	1075	1081	1083	1081	1075	1064	1051
-16.25°	979	994	1007	1019	1027	1032	1033	1032	1027	1019	1007
-17.5°	938	954	968	978	985	989	990	989	985	978	968
-18.75°	899	913	925	934	941	945	947	945	941	934	925
-20°	862	875	885	893	899	903	904	903	899	893	885
-21.25°	826	837	847	854	860	863	864	863	860	854	847





REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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°	786	799	809	816	821	824	825	824	821	816	809
-23.75°	730	747	761	773	779	782	783	782	779	773	761
-25°	655	675	692	705	714	720	722	720	714	705	692
-26.25°	571	592	609	623	632	638	640	638	632	623	609
-27.5°	482	503	520	533	543	549	551	549	543	533	520
-28.75°	394	413	429	441	451	456	458	456	451	441	429
-30°	319	333	346	355	362	367	368	367	362	355	346
-31.25°	247	262	273	282	289	293	294	293	289	282	273
-32.5°	202	208	212	216	219	220	221	220	219	216	212
-33.75°	171	177	181	185	188	189	190	189	188	185	181
-35°	148	151	154	156	157	158	158	158	157	156	154
-36.25°	131	134	136	138	139	140	140	140	139	138	136
-37.5°	115	117	119	120	121	122	122	122	121	120	119
-38.75°	102	104	105	107	108	108	108	108	108	107	105
-40°	89	91	92	93	94	94	95	94	94	93	92
-41.25°	78	80	81	82	83	83	83	83	83	82	81
-42.5°	69	70	71	71	72	72	72	72	72	71	71
-43.75°	62	63	63	64	64	65	65	65	64	64	63
-45°	55	56	57	57	57	57	58	57	57	57	57
-46.25°	50	50	51	51	52	52	52	52	52	51	51
-47.5°	44	45	45	46	46	46	46	46	46	46	45
-48.75°	40	40	41	41	41	41	41	41	41	41	41
-50°	35	36	36	36	36	37	37	37	36	36	36
-51.25°	30	31	31	31	32	32	32	32	32	31	31
-52.5°	25	26	26	27	27	27	27	27	27	27	26
-53.75°	20	21	21	21	21	22	22	22	21	21	21
-55°	15	15	16	16	16	16	16	16	16	16	16
-56.25°	9	9	10	10	10	10	10	10	10	10	10
-57.5°	4	4	4	4	4	4	5	4	4	4	4
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	2	2	2	2	2	2	2	2	2	1	1
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	3	3	2	2	2	2	2	2	2	2	2
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	4	4	4	4	4	4	4	3	3	3	3
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	9	9	8	8	7	6	5	4	4	4	4
55°	15	15	14	13	13	12	11	10	9	8	6
53.75°	21	20	20	19	18	17	17	16	14	13	12
52.5°	26	25	25	24	23	23	22	21	20	18	17
51.25°	31	30	30	29	28	28	27	26	25	23	22
50°	36	35	34	34	33	32	31	30	29	28	27
48.75°	40	40	39	38	38	37	36	35	34	33	31
47.5°	45	44	44	43	42	41	40	39	38	37	36
46.25°	50	50	49	48	47	46	45	44	43	41	40
45°	56	55	55	54	53	51	50	49	47	46	44
43.75°	63	62	61	60	58	57	56	54	53	51	49
42.5°	70	69	68	67	65	64	62	60	58	56	54
41.25°	80	78	77	75	72	70	69	67	65	62	60
40°	91	89	88	85	83	80	77	74	71	69	66
38.75°	104	102	99	97	94	91	88	85	81	77	73
37.5°	117	115	113	110	107	103	99	95	91	87	83
36.25°	134	131	127	123	120	116	112	107	103	98	93
35°	151	148	145	141	136	131	125	120	115	110	104



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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°	177	171	165	158	153	148	142	136	129	122	116
32.5°	208	202	195	187	179	169	158	152	145	137	129
31.25°	262	247	231	217	208	198	187	175	162	153	145
30°	333	319	301	281	259	234	215	203	189	175	161
28.75°	413	394	372	350	327	301	273	243	216	202	186
27.5°	503	482	458	430	400	368	338	307	273	237	212
26.25°	592	571	545	517	484	448	410	370	335	297	258
25°	675	655	630	601	568	531	490	447	402	357	316
23.75°	747	730	707	679	648	611	570	524	476	425	374
22.5°	799	786	771	747	720	684	645	600	550	497	441
21.25°	837	826	813	796	777	747	713	670	621	568	510
20°	875	862	848	832	815	794	768	731	686	634	577
18.75°	913	899	884	867	848	828	806	780	742	694	638
17.5°	954	938	921	902	881	860	837	813	785	745	694
16.25°	994	979	960	938	915	891	867	841	815	785	742
15°	1034	1016	996	975	950	923	896	869	841	813	780
13.75°	1080	1057	1033	1009	984	956	926	896	867	837	806
12.5°	1127	1102	1074	1044	1015	987	956	923	891	860	828
11.25°	1175	1147	1116	1082	1048	1015	984	950	915	881	848
10°	1220	1191	1158	1121	1082	1044	1009	975	938	902	867
8.75°	1258	1230	1196	1158	1116	1074	1033	996	960	921	884
7.5°	1290	1263	1230	1191	1147	1102	1057	1016	979	938	899
6.25°	1316	1290	1258	1220	1175	1127	1080	1034	994	954	913
5°	1338	1312	1281	1243	1199	1149	1099	1051	1007	968	925
3.75°	1352	1328	1297	1260	1217	1167	1115	1064	1019	978	934
2.5°	1361	1340	1309	1273	1229	1180	1126	1075	1027	985	941
1.25°	1365	1346	1316	1281	1237	1187	1134	1081	1032	989	945
0°	1367	1348	1318	1283	1239	1190	1136	1083	1033	990	947
-1.25°	1365	1346	1316	1281	1237	1187	1134	1081	1032	989	945
-2.5°	1361	1340	1309	1273	1229	1180	1126	1075	1027	985	941
-3.75°	1352	1328	1297	1260	1217	1167	1115	1064	1019	978	934
-5°	1338	1312	1281	1243	1199	1149	1099	1051	1007	968	925
-6.25°	1316	1290	1258	1220	1175	1127	1080	1034	994	954	913
-7.5°	1290	1263	1230	1191	1147	1102	1057	1016	979	938	899
-8.75°	1258	1230	1196	1158	1116	1074	1033	996	960	921	884
-10°	1220	1191	1158	1121	1082	1044	1009	975	938	902	867
-11.25°	1175	1147	1116	1082	1048	1015	984	950	915	881	848
-12.5°	1127	1102	1074	1044	1015	987	956	923	891	860	828
-13.75°	1080	1057	1033	1009	984	956	926	896	867	837	806
-15°	1034	1016	996	975	950	923	896	869	841	813	780
-16.25°	994	979	960	938	915	891	867	841	815	785	742
-17.5°	954	938	921	902	881	860	837	813	785	745	694
-18.75°	913	899	884	867	848	828	806	780	742	694	638
-20°	875	862	848	832	815	794	768	731	686	634	577
-21.25°	837	826	813	796	777	747	713	670	621	568	510



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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°	799	786	771	747	720	684	645	600	550	497	441
-23.75°	747	730	707	679	648	611	570	524	476	425	374
-25°	675	655	630	601	568	531	490	447	402	357	316
-26.25°	592	571	545	517	484	448	410	370	335	297	258
-27.5°	503	482	458	430	400	368	338	307	273	237	212
-28.75°	413	394	372	350	327	301	273	243	216	202	186
-30°	333	319	301	281	259	234	215	203	189	175	161
-31.25°	262	247	231	217	208	198	187	175	162	153	145
-32.5°	208	202	195	187	179	169	158	152	145	137	129
-33.75°	177	171	165	158	153	148	142	136	129	122	116
-35°	151	148	145	141	136	131	125	120	115	110	104
-36.25°	134	131	127	123	120	116	112	107	103	98	93
-37.5°	117	115	113	110	107	103	99	95	91	87	83
-38.75°	104	102	99	97	94	91	88	85	81	77	73
-40°	91	89	88	85	83	80	77	74	71	69	66
-41.25°	80	78	77	75	72	70	69	67	65	62	60
-42.5°	70	69	68	67	65	64	62	60	58	56	54
-43.75°	63	62	61	60	58	57	56	54	53	51	49
-45°	56	55	55	54	53	51	50	49	47	46	44
-46.25°	50	50	49	48	47	46	45	44	43	41	40
-47.5°	45	44	44	43	42	41	40	39	38	37	36
-48.75°	40	40	39	38	38	37	36	35	34	33	31
-50°	36	35	34	34	33	32	31	30	29	28	27
-51.25°	31	30	30	29	28	28	27	26	25	23	22
-52.5°	26	25	25	24	23	23	22	21	20	18	17
-53.75°	21	20	20	19	18	17	17	16	14	13	12
-55°	15	15	14	13	13	12	11	10	9	8	6
-56.25°	9	9	8	8	7	6	5	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	4	4	4	4	4	4	4	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	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°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	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: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	0	0	0	0	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	2	2	2	2	2	2	1	1	1	1	1
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	3	3	3	3	3	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	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°	4	3	3	3	3	3	3	3	3	3	3
56.25°	4	4	4	4	4	3	3	3	3	3	3
55°	5	4	4	4	4	4	4	3	3	3	3
53.75°	10	9	7	6	4	4	4	4	4	4	3
52.5°	16	14	13	11	9	7	5	4	4	4	4
51.25°	21	19	18	16	14	12	10	8	6	4	4
50°	26	24	22	21	19	17	15	13	11	8	6
48.75°	30	29	27	25	24	22	20	18	15	13	11
47.5°	34	33	31	30	28	26	24	22	20	17	15
46.25°	39	37	35	34	32	30	28	26	24	22	19
45°	43	41	40	38	36	34	32	30	28	26	23
43.75°	47	46	44	42	40	38	36	34	32	29	27
42.5°	52	50	48	46	44	42	40	38	35	33	31
41.25°	57	55	53	51	48	46	44	41	39	37	34
40°	64	61	58	55	53	50	48	45	43	40	38
38.75°	70	67	64	61	57	55	52	49	46	44	41
37.5°	78	74	70	67	63	60	56	53	50	47	44
36.25°	88	83	78	73	69	65	61	57	54	51	48
35°	98	93	87	82	76	71	67	63	59	55	52



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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°	110	103	97	91	85	79	72	68	64	59	55
32.5°	121	115	108	100	93	87	80	74	69	64	59
31.25°	136	127	119	111	103	95	88	82	74	69	64
30°	151	141	131	122	113	105	97	89	82	74	69
28.75°	170	155	145	135	124	115	106	97	89	82	74
27.5°	195	177	159	148	137	125	115	106	97	88	80
26.25°	219	201	182	163	149	137	125	115	105	95	87
25°	273	229	205	185	164	149	137	124	113	103	93
23.75°	328	282	235	206	185	163	148	135	122	111	100
22.5°	385	335	286	235	205	182	159	145	131	119	108
21.25°	450	389	335	282	229	201	177	155	141	127	115
20°	514	450	385	328	273	219	195	170	151	136	121
18.75°	577	510	441	374	316	258	212	186	161	145	129
17.5°	634	568	497	425	357	297	237	202	175	153	137
16.25°	686	621	550	476	402	335	273	216	189	162	145
15°	731	670	600	524	447	370	307	243	203	175	152
13.75°	768	713	645	570	490	410	338	273	215	187	158
12.5°	794	747	684	611	531	448	368	301	234	198	169
11.25°	815	777	720	648	568	484	400	327	259	208	179
10°	832	796	747	679	601	517	430	350	281	217	187
8.75°	848	813	771	707	630	545	458	372	301	231	195
7.5°	862	826	786	730	655	571	482	394	319	247	202
6.25°	875	837	799	747	675	592	503	413	333	262	208
5°	885	847	809	761	692	609	520	429	346	273	212
3.75°	893	854	816	773	705	623	533	441	355	282	216
2.5°	899	860	821	779	714	632	543	451	362	289	219
1.25°	903	863	824	782	720	638	549	456	367	293	220
0°	904	864	825	783	722	640	551	458	368	294	221
-1.25°	903	863	824	782	720	638	549	456	367	293	220
-2.5°	899	860	821	779	714	632	543	451	362	289	219
-3.75°	893	854	816	773	705	623	533	441	355	282	216
-5°	885	847	809	761	692	609	520	429	346	273	212
-6.25°	875	837	799	747	675	592	503	413	333	262	208
-7.5°	862	826	786	730	655	571	482	394	319	247	202
-8.75°	848	813	771	707	630	545	458	372	301	231	195
-10°	832	796	747	679	601	517	430	350	281	217	187
-11.25°	815	777	720	648	568	484	400	327	259	208	179
-12.5°	794	747	684	611	531	448	368	301	234	198	169
-13.75°	768	713	645	570	490	410	338	273	215	187	158
-15°	731	670	600	524	447	370	307	243	203	175	152
-16.25°	686	621	550	476	402	335	273	216	189	162	145
-17.5°	634	568	497	425	357	297	237	202	175	153	137
-18.75°	577	510	441	374	316	258	212	186	161	145	129
-20°	514	450	385	328	273	219	195	170	151	136	121
-21.25°	450	389	335	282	229	201	177	155	141	127	115





REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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°	385	335	286	235	205	182	159	145	131	119	108
-23.75°	328	282	235	206	185	163	148	135	122	111	100
-25°	273	229	205	185	164	149	137	124	113	103	93
-26.25°	219	201	182	163	149	137	125	115	105	95	87
-27.5°	195	177	159	148	137	125	115	106	97	88	80
-28.75°	170	155	145	135	124	115	106	97	89	82	74
-30°	151	141	131	122	113	105	97	89	82	74	69
-31.25°	136	127	119	111	103	95	88	82	74	69	64
-32.5°	121	115	108	100	93	87	80	74	69	64	59
-33.75°	110	103	97	91	85	79	72	68	64	59	55
-35°	98	93	87	82	76	71	67	63	59	55	52
-36.25°	88	83	78	73	69	65	61	57	54	51	48
-37.5°	78	74	70	67	63	60	56	53	50	47	44
-38.75°	70	67	64	61	57	55	52	49	46	44	41
-40°	64	61	58	55	53	50	48	45	43	40	38
-41.25°	57	55	53	51	48	46	44	41	39	37	34
-42.5°	52	50	48	46	44	42	40	38	35	33	31
-43.75°	47	46	44	42	40	38	36	34	32	29	27
-45°	43	41	40	38	36	34	32	30	28	26	23
-46.25°	39	37	35	34	32	30	28	26	24	22	19
-47.5°	34	33	31	30	28	26	24	22	20	17	15
-48.75°	30	29	27	25	24	22	20	18	15	13	11
-50°	26	24	22	21	19	17	15	13	11	8	6
-51.25°	21	19	18	16	14	12	10	8	6	4	4
-52.5°	16	14	13	11	9	7	5	4	4	4	4
-53.75°	10	9	7	6	4	4	4	4	4	4	3
-55°	5	4	4	4	4	4	4	3	3	3	3
-56.25°	4	4	4	4	4	3	3	3	3	3	3
-57.5°	4	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	2	2
-63.75°	3	3	3	3	3	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°	2	2	2	2	2	2	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: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	0	0	0
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	2	2	2	2	1	1	1	1	1	1	1
67.5°	2	2	2	2	2	2	2	1	1	1	1
66.25°	2	2	2	2	2	2	2	2	2	1	1
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	3	2	2	2	2	2	2	2	2	2	2
60°	3	3	3	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	3	2	2	2	2	2	2
57.5°	3	3	3	3	3	3	3	2	2	2	2
56.25°	3	3	3	3	3	3	3	3	3	2	2
55°	3	3	3	3	3	3	3	3	3	3	2
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	4	3	3	3	3	3	3	3	3	3	3
51.25°	4	4	4	3	3	3	3	3	3	3	3
50°	4	4	4	4	3	3	3	3	3	3	3
48.75°	8	5	4	4	4	4	3	3	3	3	3
47.5°	12	10	7	4	4	4	4	3	3	3	3
46.25°	17	14	11	8	5	4	4	4	3	3	3
45°	21	18	15	12	9	6	4	4	4	3	3
43.75°	24	22	19	16	13	10	6	4	4	4	3
42.5°	28	26	23	20	17	13	10	7	4	4	4
41.25°	32	29	26	23	20	17	14	10	6	4	4
40°	35	32	30	27	24	20	17	13	10	6	4
38.75°	38	35	33	30	27	24	20	17	13	9	5
37.5°	41	39	36	33	30	27	23	20	16	12	8
36.25°	45	42	39	36	33	30	26	23	19	15	11
35°	48	45	42	39	35	32	29	26	22	18	14



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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°	52	48	45	41	38	35	32	28	24	21	17
32.5°	55	52	48	44	41	38	34	31	27	23	19
31.25°	59	55	51	47	44	40	37	33	29	26	22
30°	64	59	54	50	46	43	39	35	32	28	24
28.75°	68	63	57	53	49	45	41	38	34	30	26
27.5°	72	67	61	56	52	48	44	40	36	32	28
26.25°	79	71	65	60	55	50	46	42	38	34	30
25°	85	76	69	63	57	53	48	44	40	36	32
23.75°	91	82	73	67	61	55	51	46	42	38	34
22.5°	97	87	78	70	64	58	53	48	44	40	35
21.25°	103	93	83	74	67	61	55	50	46	41	37
20°	110	98	88	78	70	64	57	52	47	43	39
18.75°	116	104	93	83	73	66	60	54	49	44	40
17.5°	122	110	98	87	77	69	62	56	51	46	41
16.25°	129	115	103	91	81	71	65	58	53	47	43
15°	136	120	107	95	85	74	67	60	54	49	44
13.75°	142	125	112	99	88	77	69	62	56	50	45
12.5°	148	131	116	103	91	80	70	64	57	51	46
11.25°	153	136	120	107	94	83	72	65	58	53	47
10°	158	141	123	110	97	85	75	67	60	54	48
8.75°	165	145	127	113	99	88	77	68	61	55	49
7.5°	171	148	131	115	102	89	78	69	62	55	50
6.25°	177	151	134	117	104	91	80	70	63	56	50
5°	181	154	136	119	105	92	81	71	63	57	51
3.75°	185	156	138	120	107	93	82	71	64	57	51
2.5°	188	157	139	121	108	94	83	72	64	57	52
1.25°	189	158	140	122	108	94	83	72	65	57	52
0°	190	158	140	122	108	95	83	72	65	58	52
-1.25°	189	158	140	122	108	94	83	72	65	57	52
-2.5°	188	157	139	121	108	94	83	72	64	57	52
-3.75°	185	156	138	120	107	93	82	71	64	57	51
-5°	181	154	136	119	105	92	81	71	63	57	51
-6.25°	177	151	134	117	104	91	80	70	63	56	50
-7.5°	171	148	131	115	102	89	78	69	62	55	50
-8.75°	165	145	127	113	99	88	77	68	61	55	49
-10°	158	141	123	110	97	85	75	67	60	54	48
-11.25°	153	136	120	107	94	83	72	65	58	53	47
-12.5°	148	131	116	103	91	80	70	64	57	51	46
-13.75°	142	125	112	99	88	77	69	62	56	50	45
-15°	136	120	107	95	85	74	67	60	54	49	44
-16.25°	129	115	103	91	81	71	65	58	53	47	43
-17.5°	122	110	98	87	77	69	62	56	51	46	41
-18.75°	116	104	93	83	73	66	60	54	49	44	40
-20°	110	98	88	78	70	64	57	52	47	43	39
-21.25°	103	93	83	74	67	61	55	50	46	41	37



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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°	97	87	78	70	64	58	53	48	44	40	35
-23.75°	91	82	73	67	61	55	51	46	42	38	34
-25°	85	76	69	63	57	53	48	44	40	36	32
-26.25°	79	71	65	60	55	50	46	42	38	34	30
-27.5°	72	67	61	56	52	48	44	40	36	32	28
-28.75°	68	63	57	53	49	45	41	38	34	30	26
-30°	64	59	54	50	46	43	39	35	32	28	24
-31.25°	59	55	51	47	44	40	37	33	29	26	22
-32.5°	55	52	48	44	41	38	34	31	27	23	19
-33.75°	52	48	45	41	38	35	32	28	24	21	17
-35°	48	45	42	39	35	32	29	26	22	18	14
-36.25°	45	42	39	36	33	30	26	23	19	15	11
-37.5°	41	39	36	33	30	27	23	20	16	12	8
-38.75°	38	35	33	30	27	24	20	17	13	9	5
-40°	35	32	30	27	24	20	17	13	10	6	4
-41.25°	32	29	26	23	20	17	14	10	6	4	4
-42.5°	28	26	23	20	17	13	10	7	4	4	4
-43.75°	24	22	19	16	13	10	6	4	4	4	3
-45°	21	18	15	12	9	6	4	4	4	3	3
-46.25°	17	14	11	8	5	4	4	4	3	3	3
-47.5°	12	10	7	4	4	4	4	3	3	3	3
-48.75°	8	5	4	4	4	4	3	3	3	3	3
-50°	4	4	4	4	3	3	3	3	3	3	3
-51.25°	4	4	4	3	3	3	3	3	3	3	3
-52.5°	4	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	2
-56.25°	3	3	3	3	3	3	3	3	3	2	2
-57.5°	3	3	3	3	3	3	3	2	2	2	2
-58.75°	3	3	3	3	3	2	2	2	2	2	2
-60°	3	3	3	2	2	2	2	2	2	2	2
-61.25°	3	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	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	1	1
-67.5°	2	2	2	2	2	2	2	1	1	1	1
-68.75°	2	2	2	2	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: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	1	1	1	1	0	0	0	0	0	0	0
81.25°	1	1	1	1	1	1	1	1	1	0	0
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	2	2	1	1	1	1	1	1	1	1	1
62.5°	2	2	2	2	1	1	1	1	1	1	1
61.25°	2	2	2	2	2	1	1	1	1	1	1
60°	2	2	2	2	2	2	1	1	1	1	1
58.75°	2	2	2	2	2	2	2	2	1	1	1
57.5°	2	2	2	2	2	2	2	2	2	1	1
56.25°	2	2	2	2	2	2	2	2	2	2	1
55°	2	2	2	2	2	2	2	2	2	2	1
53.75°	3	2	2	2	2	2	2	2	2	2	2
52.5°	3	3	2	2	2	2	2	2	2	2	2
51.25°	3	3	3	2	2	2	2	2	2	2	2
50°	3	3	3	3	2	2	2	2	2	2	2
48.75°	3	3	3	3	3	2	2	2	2	2	2
47.5°	3	3	3	3	3	3	2	2	2	2	2
46.25°	3	3	3	3	3	3	2	2	2	2	2
45°	3	3	3	3	3	3	3	2	2	2	2
43.75°	3	3	3	3	3	3	3	3	2	2	2
42.5°	3	3	3	3	3	3	3	3	2	2	2
41.25°	4	3	3	3	3	3	3	3	3	2	2
40°	4	4	3	3	3	3	3	3	3	2	2
38.75°	4	4	3	3	3	3	3	3	3	3	2
37.5°	4	4	4	3	3	3	3	3	3	3	2
36.25°	7	4	4	4	3	3	3	3	3	3	3
35°	10	5	4	4	3	3	3	3	3	3	3



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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°	12	8	4	4	4	3	3	3	3	3	3
32.5°	15	11	6	4	4	3	3	3	3	3	3
31.25°	17	13	8	4	4	4	3	3	3	3	3
30°	20	15	11	6	4	4	3	3	3	3	3
28.75°	22	18	13	8	4	4	3	3	3	3	3
27.5°	24	20	15	10	5	4	4	3	3	3	3
26.25°	26	22	17	12	7	4	4	3	3	3	3
25°	28	24	19	14	9	4	4	4	3	3	3
23.75°	30	25	21	16	11	6	4	4	3	3	3
22.5°	31	27	22	18	13	7	4	4	3	3	3
21.25°	33	29	24	19	14	9	4	4	3	3	3
20°	34	30	26	21	16	10	5	4	4	3	3
18.75°	36	31	27	22	17	12	6	4	4	3	3
17.5°	37	33	28	23	18	13	8	4	4	3	3
16.25°	38	34	29	25	20	14	9	4	4	3	3
15°	39	35	30	26	21	16	10	4	4	3	3
13.75°	40	36	31	27	22	17	11	5	4	4	3
12.5°	41	37	32	28	23	17	12	6	4	4	3
11.25°	42	38	33	28	23	18	13	7	4	4	3
10°	43	38	34	29	24	19	13	8	4	4	3
8.75°	44	39	34	30	25	20	14	8	4	4	3
7.5°	44	40	35	30	25	20	15	9	4	4	3
6.25°	45	40	36	31	26	21	15	9	4	4	3
5°	45	41	36	31	26	21	16	10	4	4	3
3.75°	46	41	36	31	27	21	16	10	4	4	3
2.5°	46	41	36	32	27	21	16	10	4	4	3
1.25°	46	41	37	32	27	22	16	10	4	4	3
0°	46	41	37	32	27	22	16	10	5	4	3
-1.25°	46	41	37	32	27	22	16	10	5	4	3
-2.5°	46	41	36	32	27	21	16	10	4	4	3
-3.75°	46	41	36	31	27	21	16	10	4	4	3
-5°	45	41	36	31	26	21	16	10	4	4	3
-6.25°	45	40	36	31	26	21	15	9	4	4	3
-7.5°	44	40	35	30	25	20	15	9	4	4	3
-8.75°	44	39	34	30	25	20	14	8	4	4	3
-10°	43	38	34	29	24	19	13	8	4	4	3
-11.25°	42	38	33	28	23	18	13	7	4	4	3
-12.5°	41	37	32	28	23	17	12	6	4	4	3
-13.75°	40	36	31	27	22	17	11	5	4	4	3
-15°	39	35	30	26	21	16	10	4	4	3	3
-16.25°	38	34	29	25	20	14	9	4	4	3	3
-17.5°	37	33	28	23	18	13	8	4	4	3	3
-18.75°	36	31	27	22	17	12	6	4	4	3	3
-20°	34	30	26	21	16	10	5	4	4	3	3
-21.25°	33	29	24	19	14	9	4	4	3	3	3





REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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°	31	27	22	18	13	7	4	4	3	3	3
-23.75°	30	25	21	16	11	6	4	4	3	3	3
-25°	28	24	19	14	9	4	4	4	3	3	3
-26.25°	26	22	17	12	7	4	4	3	3	3	3
-27.5°	24	20	15	10	5	4	4	3	3	3	3
-28.75°	22	18	13	8	4	4	3	3	3	3	3
-30°	20	15	11	6	4	4	3	3	3	3	3
-31.25°	17	13	8	4	4	4	3	3	3	3	3
-32.5°	15	11	6	4	4	3	3	3	3	3	3
-33.75°	12	8	4	4	4	3	3	3	3	3	3
-35°	10	5	4	4	3	3	3	3	3	3	3
-36.25°	7	4	4	4	3	3	3	3	3	3	3
-37.5°	4	4	4	3	3	3	3	3	3	3	2
-38.75°	4	4	3	3	3	3	3	3	3	3	2
-40°	4	4	3	3	3	3	3	3	3	2	2
-41.25°	4	3	3	3	3	3	3	3	3	2	2
-42.5°	3	3	3	3	3	3	3	3	2	2	2
-43.75°	3	3	3	3	3	3	3	3	2	2	2
-45°	3	3	3	3	3	3	3	2	2	2	2
-46.25°	3	3	3	3	3	3	2	2	2	2	2
-47.5°	3	3	3	3	3	3	2	2	2	2	2
-48.75°	3	3	3	3	3	2	2	2	2	2	2
-50°	3	3	3	3	2	2	2	2	2	2	2
-51.25°	3	3	3	2	2	2	2	2	2	2	2
-52.5°	3	3	2	2	2	2	2	2	2	2	2
-53.75°	3	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	1
-56.25°	2	2	2	2	2	2	2	2	2	2	1
-57.5°	2	2	2	2	2	2	2	2	2	1	1
-58.75°	2	2	2	2	2	2	2	2	1	1	1
-60°	2	2	2	2	2	2	1	1	1	1	1
-61.25°	2	2	2	2	2	1	1	1	1	1	1
-62.5°	2	2	2	2	1	1	1	1	1	1	1
-63.75°	2	2	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	0	0
-82.5°	1	1	1	1	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	1	1	0	0	0	0	0	0	0	0	0
78.75°	1	1	1	1	0	0	0	0	0	0	0
77.5°	1	1	1	1	1	1	0	0	0	0	0
76.25°	1	1	1	1	1	1	1	1	0	0	0
75°	1	1	1	1	1	1	1	1	1	0	0
73.75°	1	1	1	1	1	1	1	1	1	1	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	2	1	1	1	1	1	1	1	1	1	1
51.25°	2	2	1	1	1	1	1	1	1	1	1
50°	2	2	1	1	1	1	1	1	1	1	1
48.75°	2	2	2	1	1	1	1	1	1	1	1
47.5°	2	2	2	1	1	1	1	1	1	1	1
46.25°	2	2	2	2	1	1	1	1	1	1	1
45°	2	2	2	2	1	1	1	1	1	1	1
43.75°	2	2	2	2	2	1	1	1	1	1	1
42.5°	2	2	2	2	2	1	1	1	1	1	1
41.25°	2	2	2	2	2	2	1	1	1	1	1
40°	2	2	2	2	2	2	1	1	1	1	1
38.75°	2	2	2	2	2	2	1	1	1	1	1
37.5°	2	2	2	2	2	2	2	1	1	1	1
36.25°	2	2	2	2	2	2	2	1	1	1	1
35°	2	2	2	2	2	2	2	1	1	1	1



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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°	3	2	2	2	2	2	2	1	1	1	1
32.5°	3	2	2	2	2	2	2	2	1	1	1
31.25°	3	2	2	2	2	2	2	2	1	1	1
30°	3	3	2	2	2	2	2	2	1	1	1
28.75°	3	3	2	2	2	2	2	2	1	1	1
27.5°	3	3	2	2	2	2	2	2	1	1	1
26.25°	3	3	2	2	2	2	2	2	2	1	1
25°	3	3	3	2	2	2	2	2	2	1	1
23.75°	3	3	3	2	2	2	2	2	2	1	1
22.5°	3	3	3	2	2	2	2	2	2	1	1
21.25°	3	3	3	2	2	2	2	2	2	1	1
20°	3	3	3	2	2	2	2	2	2	1	1
18.75°	3	3	3	3	2	2	2	2	2	1	1
17.5°	3	3	3	3	2	2	2	2	2	1	1
16.25°	3	3	3	3	2	2	2	2	2	2	1
15°	3	3	3	3	2	2	2	2	2	2	1
13.75°	3	3	3	3	2	2	2	2	2	2	1
12.5°	3	3	3	3	2	2	2	2	2	2	1
11.25°	3	3	3	3	2	2	2	2	2	2	1
10°	3	3	3	3	2	2	2	2	2	2	1
8.75°	3	3	3	3	2	2	2	2	2	2	1
7.5°	3	3	3	3	3	2	2	2	2	2	1
6.25°	3	3	3	3	3	2	2	2	2	2	1
5°	3	3	3	3	3	2	2	2	2	2	1
3.75°	3	3	3	3	3	2	2	2	2	2	1
2.5°	3	3	3	3	3	2	2	2	2	2	1
1.25°	3	3	3	3	3	2	2	2	2	2	1
0°	3	3	3	3	3	2	2	2	2	2	1
-1.25°	3	3	3	3	3	2	2	2	2	2	1
-2.5°	3	3	3	3	3	2	2	2	2	2	1
-3.75°	3	3	3	3	3	2	2	2	2	2	1
-5°	3	3	3	3	3	2	2	2	2	2	1
-6.25°	3	3	3	3	3	2	2	2	2	2	1
-7.5°	3	3	3	3	3	2	2	2	2	2	1
-8.75°	3	3	3	3	2	2	2	2	2	2	1
-10°	3	3	3	3	2	2	2	2	2	2	1
-11.25°	3	3	3	3	2	2	2	2	2	2	1
-12.5°	3	3	3	3	2	2	2	2	2	2	1
-13.75°	3	3	3	3	2	2	2	2	2	2	1
-15°	3	3	3	3	2	2	2	2	2	2	1
-16.25°	3	3	3	3	2	2	2	2	2	2	1
-17.5°	3	3	3	3	2	2	2	2	2	1	1
-18.75°	3	3	3	3	2	2	2	2	2	1	1
-20°	3	3	3	2	2	2	2	2	2	1	1
-21.25°	3	3	3	2	2	2	2	2	2	1	1



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	3	3	3	2	2	2	2	2	2	1	1
-23.75°	3	3	3	2	2	2	2	2	2	1	1
-25°	3	3	3	2	2	2	2	2	2	1	1
-26.25°	3	3	2	2	2	2	2	2	2	1	1
-27.5°	3	3	2	2	2	2	2	2	1	1	1
-28.75°	3	3	2	2	2	2	2	2	1	1	1
-30°	3	3	2	2	2	2	2	2	1	1	1
-31.25°	3	2	2	2	2	2	2	2	1	1	1
-32.5°	3	2	2	2	2	2	2	2	1	1	1
-33.75°	3	2	2	2	2	2	2	1	1	1	1
-35°	2	2	2	2	2	2	2	1	1	1	1
-36.25°	2	2	2	2	2	2	2	1	1	1	1
-37.5°	2	2	2	2	2	2	2	1	1	1	1
-38.75°	2	2	2	2	2	2	1	1	1	1	1
-40°	2	2	2	2	2	2	1	1	1	1	1
-41.25°	2	2	2	2	2	2	1	1	1	1	1
-42.5°	2	2	2	2	2	1	1	1	1	1	1
-43.75°	2	2	2	2	2	1	1	1	1	1	1
-45°	2	2	2	2	1	1	1	1	1	1	1
-46.25°	2	2	2	2	1	1	1	1	1	1	1
-47.5°	2	2	2	1	1	1	1	1	1	1	1
-48.75°	2	2	2	1	1	1	1	1	1	1	1
-50°	2	2	1	1	1	1	1	1	1	1	1
-51.25°	2	2	1	1	1	1	1	1	1	1	1
-52.5°	2	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	0
-75°	1	1	1	1	1	1	1	1	0	0	0
-76.25°	1	1	1	1	1	1	1	0	0	0	0
-77.5°	1	1	1	1	1	1	0	0	0	0	0



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	1	1	1	1	0	0	0	0	0	0	0
-80°	1	1	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	1	0	0	0	0	0	0	0	0	0	0
70°	1	1	0	0	0	0	0	0	0	0	0
68.75°	1	1	0	0	0	0	0	0	0	0	0
67.5°	1	1	1	0	0	0	0	0	0	0	0
66.25°	1	1	1	0	0	0	0	0	0	0	0
65°	1	1	1	1	0	0	0	0	0	0	0
63.75°	1	1	1	1	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	0	0	0	0	0	0
61.25°	1	1	1	1	1	0	0	0	0	0	0
60°	1	1	1	1	1	0	0	0	0	0	0
58.75°	1	1	1	1	1	0	0	0	0	0	0
57.5°	1	1	1	1	1	1	0	0	0	0	0
56.25°	1	1	1	1	1	1	0	0	0	0	0
55°	1	1	1	1	1	1	0	0	0	0	0
53.75°	1	1	1	1	1	1	0	0	0	0	0
52.5°	1	1	1	1	1	1	0	0	0	0	0
51.25°	1	1	1	1	1	1	1	0	0	0	0
50°	1	1	1	1	1	1	1	0	0	0	0
48.75°	1	1	1	1	1	1	1	0	0	0	0
47.5°	1	1	1	1	1	1	1	0	0	0	0
46.25°	1	1	1	1	1	1	1	0	0	0	0
45°	1	1	1	1	1	1	1	0	0	0	0
43.75°	1	1	1	1	1	1	1	0	0	0	0
42.5°	1	1	1	1	1	1	1	1	0	0	0
41.25°	1	1	1	1	1	1	1	1	0	0	0
40°	1	1	1	1	1	1	1	1	0	0	0
38.75°	1	1	1	1	1	1	1	1	0	0	0
37.5°	1	1	1	1	1	1	1	1	0	0	0
36.25°	1	1	1	1	1	1	1	1	0	0	0
35°	1	1	1	1	1	1	1	1	0	0	0



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	1	1	1	1	1	1	1	1	0	0	0
32.5°	1	1	1	1	1	1	1	1	0	0	0
31.25°	1	1	1	1	1	1	1	1	0	0	0
30°	1	1	1	1	1	1	1	1	0	0	0
28.75°	1	1	1	1	1	1	1	1	0	0	0
27.5°	1	1	1	1	1	1	1	1	0	0	0
26.25°	1	1	1	1	1	1	1	1	0	0	0
25°	1	1	1	1	1	1	1	1	0	0	0
23.75°	1	1	1	1	1	1	1	1	0	0	0
22.5°	1	1	1	1	1	1	1	1	1	0	0
21.25°	1	1	1	1	1	1	1	1	1	0	0
20°	1	1	1	1	1	1	1	1	1	0	0
18.75°	1	1	1	1	1	1	1	1	1	0	0
17.5°	1	1	1	1	1	1	1	1	1	0	0
16.25°	1	1	1	1	1	1	1	1	1	0	0
15°	1	1	1	1	1	1	1	1	1	0	0
13.75°	1	1	1	1	1	1	1	1	1	0	0
12.5°	1	1	1	1	1	1	1	1	1	0	0
11.25°	1	1	1	1	1	1	1	1	1	0	0
10°	1	1	1	1	1	1	1	1	1	0	0
8.75°	1	1	1	1	1	1	1	1	1	0	0
7.5°	1	1	1	1	1	1	1	1	1	0	0
6.25°	1	1	1	1	1	1	1	1	1	0	0
5°	1	1	1	1	1	1	1	1	1	0	0
3.75°	1	1	1	1	1	1	1	1	1	0	0
2.5°	1	1	1	1	1	1	1	1	1	0	0
1.25°	1	1	1	1	1	1	1	1	1	0	0
0°	1	1	1	1	1	1	1	1	1	0	0
-1.25°	1	1	1	1	1	1	1	1	1	0	0
-2.5°	1	1	1	1	1	1	1	1	1	0	0
-3.75°	1	1	1	1	1	1	1	1	1	0	0
-5°	1	1	1	1	1	1	1	1	1	0	0
-6.25°	1	1	1	1	1	1	1	1	1	0	0
-7.5°	1	1	1	1	1	1	1	1	1	0	0
-8.75°	1	1	1	1	1	1	1	1	1	0	0
-10°	1	1	1	1	1	1	1	1	1	0	0
-11.25°	1	1	1	1	1	1	1	1	1	0	0
-12.5°	1	1	1	1	1	1	1	1	1	0	0
-13.75°	1	1	1	1	1	1	1	1	1	0	0
-15°	1	1	1	1	1	1	1	1	1	0	0
-16.25°	1	1	1	1	1	1	1	1	1	0	0
-17.5°	1	1	1	1	1	1	1	1	1	0	0
-18.75°	1	1	1	1	1	1	1	1	1	0	0
-20°	1	1	1	1	1	1	1	1	1	0	0
-21.25°	1	1	1	1	1	1	1	1	1	0	0





REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	1	1	1	1	1	1	1	1	1	0	0
-23.75°	1	1	1	1	1	1	1	1	0	0	0
-25°	1	1	1	1	1	1	1	1	0	0	0
-26.25°	1	1	1	1	1	1	1	1	0	0	0
-27.5°	1	1	1	1	1	1	1	1	0	0	0
-28.75°	1	1	1	1	1	1	1	1	0	0	0
-30°	1	1	1	1	1	1	1	1	0	0	0
-31.25°	1	1	1	1	1	1	1	1	0	0	0
-32.5°	1	1	1	1	1	1	1	1	0	0	0
-33.75°	1	1	1	1	1	1	1	1	0	0	0
-35°	1	1	1	1	1	1	1	1	0	0	0
-36.25°	1	1	1	1	1	1	1	1	0	0	0
-37.5°	1	1	1	1	1	1	1	1	0	0	0
-38.75°	1	1	1	1	1	1	1	1	0	0	0
-40°	1	1	1	1	1	1	1	1	0	0	0
-41.25°	1	1	1	1	1	1	1	1	0	0	0
-42.5°	1	1	1	1	1	1	1	1	0	0	0
-43.75°	1	1	1	1	1	1	1	0	0	0	0
-45°	1	1	1	1	1	1	1	0	0	0	0
-46.25°	1	1	1	1	1	1	1	0	0	0	0
-47.5°	1	1	1	1	1	1	1	0	0	0	0
-48.75°	1	1	1	1	1	1	1	0	0	0	0
-50°	1	1	1	1	1	1	1	0	0	0	0
-51.25°	1	1	1	1	1	1	1	0	0	0	0
-52.5°	1	1	1	1	1	1	0	0	0	0	0
-53.75°	1	1	1	1	1	1	0	0	0	0	0
-55°	1	1	1	1	1	1	0	0	0	0	0
-56.25°	1	1	1	1	1	1	0	0	0	0	0
-57.5°	1	1	1	1	1	1	0	0	0	0	0
-58.75°	1	1	1	1	1	0	0	0	0	0	0
-60°	1	1	1	1	1	0	0	0	0	0	0
-61.25°	1	1	1	1	1	0	0	0	0	0	0
-62.5°	1	1	1	1	1	0	0	0	0	0	0
-63.75°	1	1	1	1	0	0	0	0	0	0	0
-65°	1	1	1	1	0	0	0	0	0	0	0
-66.25°	1	1	1	0	0	0	0	0	0	0	0
-67.5°	1	1	1	0	0	0	0	0	0	0	0
-68.75°	1	1	0	0	0	0	0	0	0	0	0
-70°	1	1	0	0	0	0	0	0	0	0	0
-71.25°	1	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-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: P220696 (CONVERTED FROM TYPE C PHOTOMETRY)

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