

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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220695 (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-LED4080-W-BK-L1-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, WIDE  
FLOOD OPTIC, BLACK HOUSING.  
Light Source: (1) 4000K CCT, 80 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

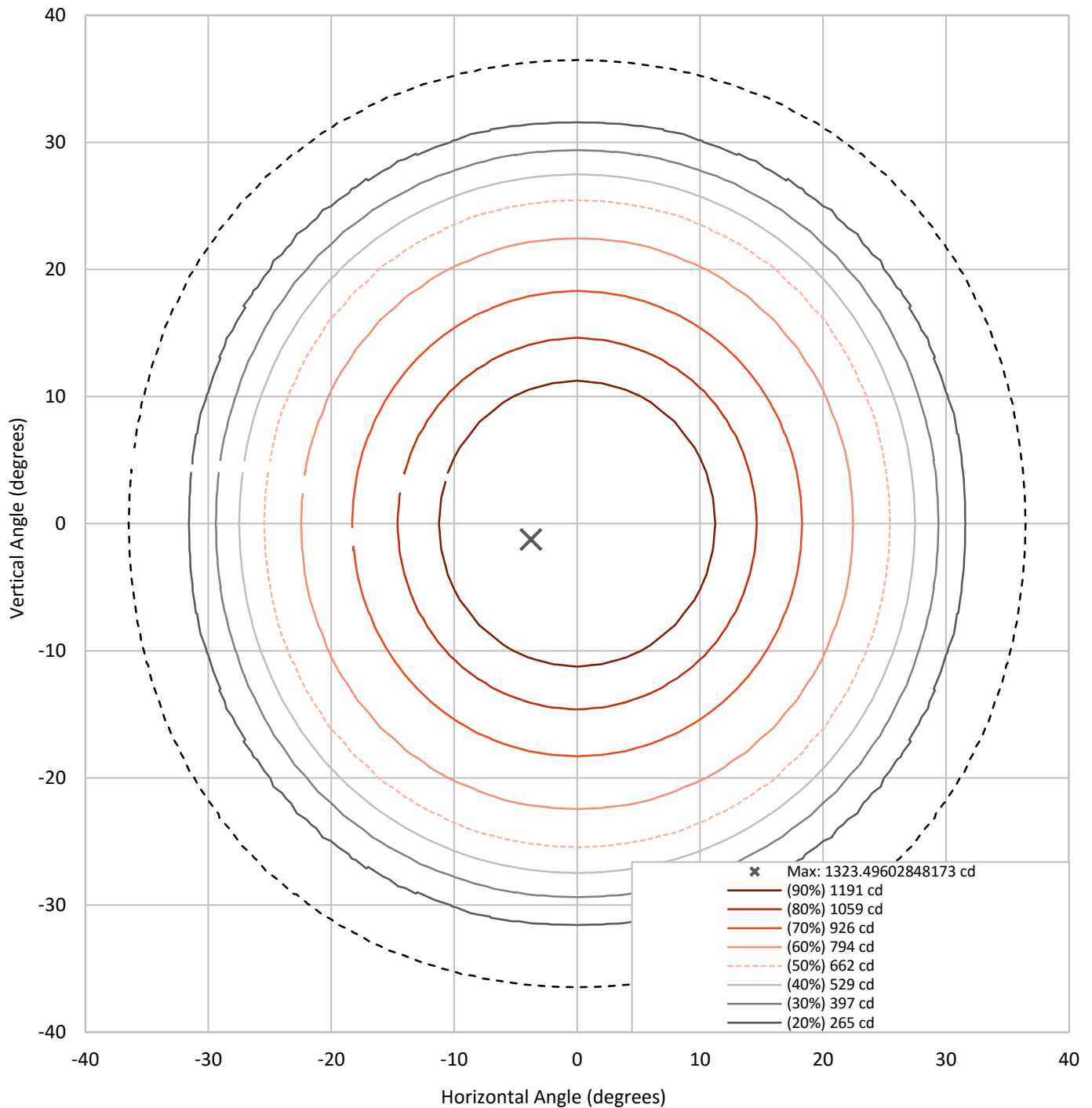
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	883.1 lumens	Max Intensity:	1323.5 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	90.1 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	51°H x 50.5°V	Field Angle (10%):	72.9°H x 72.6°V
Beam Lumens:	594.9 lumens	Field Lumens:	793.4 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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### Iso-Candela Plot

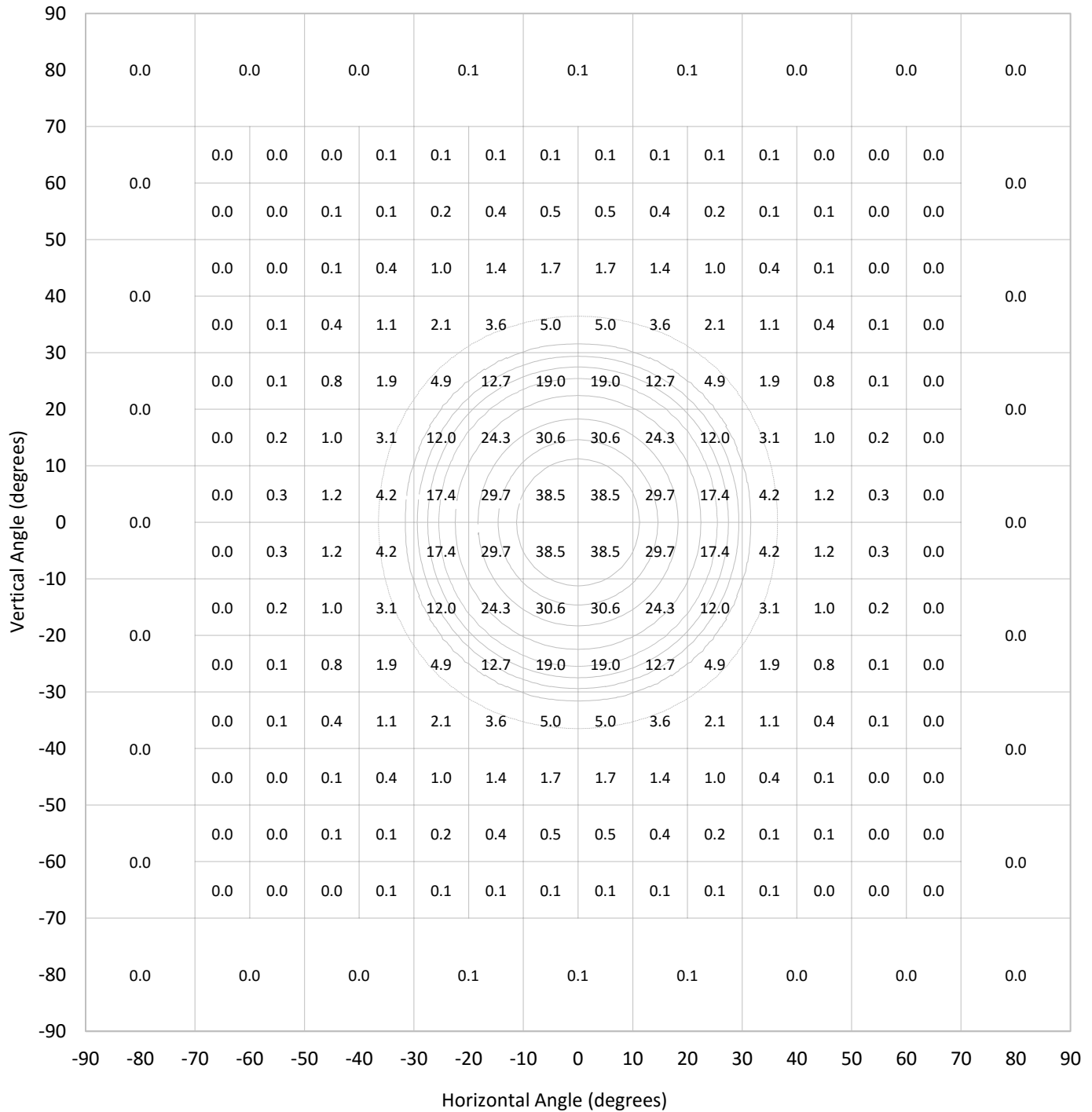




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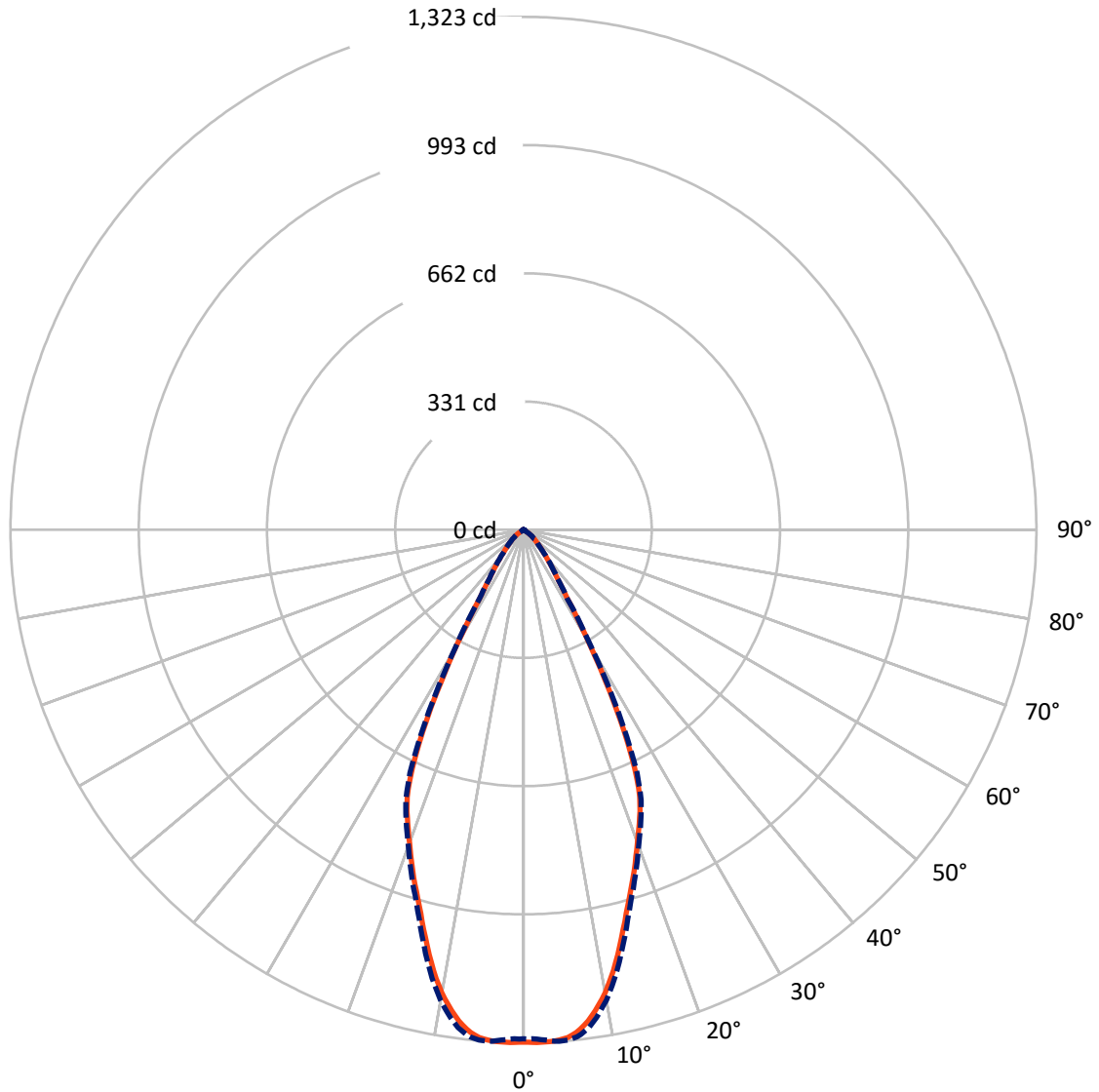
### Lumen Table



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)

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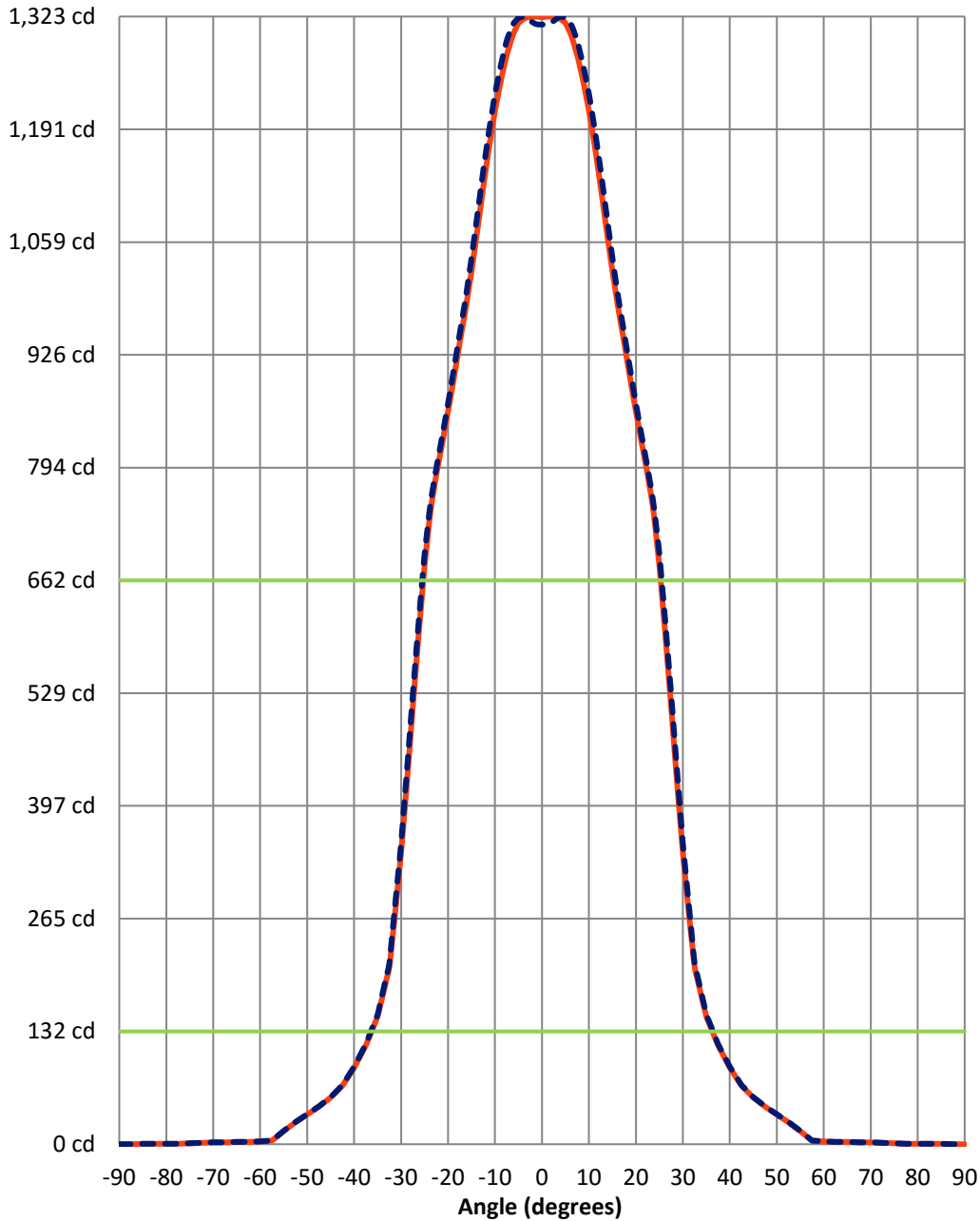
### Luminous Intensity Polar Plot



— 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: 594.9  
 Efficiency: 67.4%

**Field:**  
 H Angle: 72.9°  
 V Angle: 72.6°  
 Lumens: 793.4  
 Efficiency: 89.8%

**Spill:**  
 Lumens: 89.7  
 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	0
66.25°	0	0	0	0	0	0	0	0	0	0	1
65°	0	0	0	0	0	0	0	0	0	0	1
63.75°	0	0	0	0	0	0	0	0	0	0	1
62.5°	0	0	0	0	0	0	0	0	0	1	1
61.25°	0	0	0	0	0	0	0	0	0	1	1
60°	0	0	0	0	0	0	0	0	0	1	1
58.75°	0	0	0	0	0	0	0	0	1	1	1
57.5°	0	0	0	0	0	0	0	0	1	1	1
56.25°	0	0	0	0	0	0	0	0	1	1	1
55°	0	0	0	0	0	0	0	1	1	1	1
53.75°	0	0	0	0	0	0	0	1	1	1	1
52.5°	0	0	0	0	0	0	0	1	1	1	1
51.25°	0	0	0	0	0	0	0	1	1	1	1
50°	0	0	0	0	0	0	0	1	1	1	1
48.75°	0	0	0	0	0	0	0	1	1	1	1
47.5°	0	0	0	0	0	0	1	1	1	1	1
46.25°	0	0	0	0	0	0	1	1	1	1	1
45°	0	0	0	0	0	0	1	1	1	1	1
43.75°	0	0	0	0	0	0	1	1	1	1	1
42.5°	0	0	0	0	0	0	1	1	1	1	1
41.25°	0	0	0	0	0	0	1	1	1	1	1
40°	0	0	0	0	0	0	1	1	1	1	1
38.75°	0	0	0	0	0	0	1	1	1	1	1
37.5°	0	0	0	0	0	0	1	1	1	1	1
36.25°	0	0	0	0	0	1	1	1	1	1	1
35°	0	0	0	0	0	1	1	1	1	1	1



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0	1	1	1	1	1	1
21.25°	0	0	0	0	0	1	1	1	1	1	1
20°	0	0	0	0	0	1	1	1	1	1	1
18.75°	0	0	0	0	0	1	1	1	1	1	1
17.5°	0	0	0	0	0	1	1	1	1	1	1
16.25°	0	0	0	0	0	1	1	1	1	1	1
15°	0	0	0	0	0	1	1	1	1	1	1
13.75°	0	0	0	0	0	1	1	1	1	1	1
12.5°	0	0	0	0	0	1	1	1	1	1	1
11.25°	0	0	0	0	0	1	1	1	1	1	1
10°	0	0	0	0	0	1	1	1	1	1	1
8.75°	0	0	0	0	0	1	1	1	1	1	1
7.5°	0	0	0	0	0	1	1	1	1	1	1
6.25°	0	0	0	0	0	1	1	1	1	1	1
5°	0	0	0	0	0	1	1	1	1	1	1
3.75°	0	0	0	0	0	1	1	1	1	1	1
2.5°	0	0	0	0	0	1	1	1	1	1	1
1.25°	0	0	0	0	0	1	1	1	1	1	1
0°	0	0	0	0	1	1	1	1	1	1	1
-1.25°	0	0	0	0	0	1	1	1	1	1	1
-2.5°	0	0	0	0	0	1	1	1	1	1	1
-3.75°	0	0	0	0	0	1	1	1	1	1	1
-5°	0	0	0	0	0	1	1	1	1	1	1
-6.25°	0	0	0	0	0	1	1	1	1	1	1
-7.5°	0	0	0	0	0	1	1	1	1	1	1
-8.75°	0	0	0	0	0	1	1	1	1	1	1
-10°	0	0	0	0	0	1	1	1	1	1	1
-11.25°	0	0	0	0	0	1	1	1	1	1	1
-12.5°	0	0	0	0	0	1	1	1	1	1	1
-13.75°	0	0	0	0	0	1	1	1	1	1	1
-15°	0	0	0	0	0	1	1	1	1	1	1
-16.25°	0	0	0	0	0	1	1	1	1	1	1
-17.5°	0	0	0	0	0	1	1	1	1	1	1
-18.75°	0	0	0	0	0	1	1	1	1	1	1
-20°	0	0	0	0	0	1	1	1	1	1	1
-21.25°	0	0	0	0	0	1	1	1	1	1	1





REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0	1	1	1	1	1	1
-23.75°	0	0	0	0	0	1	1	1	1	1	1
-25°	0	0	0	0	0	1	1	1	1	1	1
-26.25°	0	0	0	0	0	1	1	1	1	1	1
-27.5°	0	0	0	0	0	1	1	1	1	1	1
-28.75°	0	0	0	0	0	1	1	1	1	1	1
-30°	0	0	0	0	0	1	1	1	1	1	1
-31.25°	0	0	0	0	0	1	1	1	1	1	1
-32.5°	0	0	0	0	0	1	1	1	1	1	1
-33.75°	0	0	0	0	0	1	1	1	1	1	1
-35°	0	0	0	0	0	1	1	1	1	1	1
-36.25°	0	0	0	0	0	1	1	1	1	1	1
-37.5°	0	0	0	0	0	0	1	1	1	1	1
-38.75°	0	0	0	0	0	0	1	1	1	1	1
-40°	0	0	0	0	0	0	1	1	1	1	1
-41.25°	0	0	0	0	0	0	1	1	1	1	1
-42.5°	0	0	0	0	0	0	1	1	1	1	1
-43.75°	0	0	0	0	0	0	1	1	1	1	1
-45°	0	0	0	0	0	0	1	1	1	1	1
-46.25°	0	0	0	0	0	0	1	1	1	1	1
-47.5°	0	0	0	0	0	0	1	1	1	1	1
-48.75°	0	0	0	0	0	0	0	1	1	1	1
-50°	0	0	0	0	0	0	0	1	1	1	1
-51.25°	0	0	0	0	0	0	0	1	1	1	1
-52.5°	0	0	0	0	0	0	0	1	1	1	1
-53.75°	0	0	0	0	0	0	0	1	1	1	1
-55°	0	0	0	0	0	0	0	1	1	1	1
-56.25°	0	0	0	0	0	0	0	0	1	1	1
-57.5°	0	0	0	0	0	0	0	0	1	1	1
-58.75°	0	0	0	0	0	0	0	0	1	1	1
-60°	0	0	0	0	0	0	0	0	0	1	1
-61.25°	0	0	0	0	0	0	0	0	0	1	1
-62.5°	0	0	0	0	0	0	0	0	0	1	1
-63.75°	0	0	0	0	0	0	0	0	0	0	1
-65°	0	0	0	0	0	0	0	0	0	0	1
-66.25°	0	0	0	0	0	0	0	0	0	0	1
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0	0
77.5°	0	0	0	0	0	0	0	0	1	1	1
76.25°	0	0	0	0	0	0	0	1	1	1	1
75°	0	0	0	0	0	1	1	1	1	1	1
73.75°	0	0	0	0	1	1	1	1	1	1	1
72.5°	0	0	0	1	1	1	1	1	1	1	1
71.25°	0	0	1	1	1	1	1	1	1	1	1
70°	0	1	1	1	1	1	1	1	1	1	1
68.75°	0	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	2
46.25°	1	1	1	1	1	1	1	1	1	1	2
45°	1	1	1	1	1	1	1	1	1	2	2
43.75°	1	1	1	1	1	1	1	1	1	2	2
42.5°	1	1	1	1	1	1	1	1	2	2	2
41.25°	1	1	1	1	1	1	1	1	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	1	2	2	2	2
36.25°	1	1	1	1	1	1	1	2	2	2	2
35°	1	1	1	1	1	1	2	2	2	2	2



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	1	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	1	2	2	2	2	2	2
25°	1	1	1	1	1	2	2	2	2	2	2
23.75°	1	1	1	1	2	2	2	2	2	2	2
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	2	3
17.5°	1	1	1	1	2	2	2	2	2	2	3
16.25°	1	1	1	1	2	2	2	2	2	2	3
15°	1	1	1	1	2	2	2	2	2	3	3
13.75°	1	1	1	1	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	2	3	3
6.25°	1	1	1	2	2	2	2	2	2	3	3
5°	1	1	1	2	2	2	2	2	2	3	3
3.75°	1	1	1	2	2	2	2	2	2	3	3
2.5°	1	1	1	2	2	2	2	2	2	3	3
1.25°	1	1	1	2	2	2	2	2	2	3	3
0°	1	1	1	2	2	2	2	2	2	3	3
-1.25°	1	1	1	2	2	2	2	2	2	3	3
-2.5°	1	1	1	2	2	2	2	2	2	3	3
-3.75°	1	1	1	2	2	2	2	2	2	3	3
-5°	1	1	1	2	2	2	2	2	2	3	3
-6.25°	1	1	1	2	2	2	2	2	2	3	3
-7.5°	1	1	1	2	2	2	2	2	2	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	1	2	2	2	2	2	3	3
-15°	1	1	1	1	2	2	2	2	2	3	3
-16.25°	1	1	1	1	2	2	2	2	2	2	3
-17.5°	1	1	1	1	2	2	2	2	2	2	3
-18.75°	1	1	1	1	2	2	2	2	2	2	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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	2
-25°	1	1	1	1	1	2	2	2	2	2	2
-26.25°	1	1	1	1	1	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	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	2	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	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	1	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	1	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	1	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	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	0	1	1	1	1	1	1	1	1	1	1
-70°	0	1	1	1	1	1	1	1	1	1	1
-71.25°	0	0	1	1	1	1	1	1	1	1	1
-72.5°	0	0	0	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	1	1	1	1	1	1	1
-75°	0	0	0	0	0	1	1	1	1	1	1
-76.25°	0	0	0	0	0	0	0	1	1	1	1
-77.5°	0	0	0	0	0	0	0	0	1	1	1



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0	0
81.25°	0	0	0	0	0	0	1	1	1	1	1
80°	0	0	0	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	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	1	2	2	2	2	2
57.5°	1	1	1	1	1	2	2	2	2	2	2
56.25°	1	1	1	1	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°	1	2	2	2	2	2	2	2	2	2	2
50°	2	2	2	2	2	2	2	2	2	2	3
48.75°	2	2	2	2	2	2	2	2	2	3	3
47.5°	2	2	2	2	2	2	2	2	3	3	3
46.25°	2	2	2	2	2	2	2	3	3	3	3
45°	2	2	2	2	2	2	2	3	3	3	3
43.75°	2	2	2	2	2	2	3	3	3	3	3
42.5°	2	2	2	2	2	3	3	3	3	3	3
41.25°	2	2	2	2	2	3	3	3	3	3	3
40°	2	2	2	2	3	3	3	3	3	3	3
38.75°	2	2	2	2	3	3	3	3	3	3	3
37.5°	2	2	2	3	3	3	3	3	3	3	4
36.25°	2	2	2	3	3	3	3	3	3	3	4
35°	2	2	3	3	3	3	3	3	3	4	4



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	2	3	3	3	3	3	3	3	4	4
32.5°	2	2	3	3	3	3	3	3	4	4	6
31.25°	2	3	3	3	3	3	3	3	4	4	8
30°	2	3	3	3	3	3	3	4	4	6	10
28.75°	2	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	3	4	4	9	14	18
23.75°	3	3	3	3	3	4	4	6	11	15	20
22.5°	3	3	3	3	3	4	4	7	12	17	22
21.25°	3	3	3	3	3	4	4	9	14	19	23
20°	3	3	3	3	3	4	5	10	15	20	25
18.75°	3	3	3	3	4	4	6	11	17	21	26
17.5°	3	3	3	3	4	4	7	13	18	23	27
16.25°	3	3	3	3	4	4	8	14	19	24	28
15°	3	3	3	3	4	4	10	15	20	25	29
13.75°	3	3	3	3	4	5	10	16	21	26	30
12.5°	3	3	3	3	4	6	11	17	22	27	31
11.25°	3	3	3	4	4	7	12	18	23	27	32
10°	3	3	3	4	4	7	13	18	23	28	33
8.75°	3	3	3	4	4	8	14	19	24	29	33
7.5°	3	3	3	4	4	9	14	19	24	29	34
6.25°	3	3	3	4	4	9	15	20	25	30	34
5°	3	3	3	4	4	9	15	20	25	30	35
3.75°	3	3	3	4	4	10	15	20	26	30	35
2.5°	3	3	3	4	4	10	16	21	26	30	35
1.25°	3	3	3	4	4	10	16	21	26	31	35
0°	3	3	3	4	4	10	16	21	26	31	35
-1.25°	3	3	3	4	4	10	16	21	26	31	35
-2.5°	3	3	3	4	4	10	16	21	26	30	35
-3.75°	3	3	3	4	4	10	15	20	26	30	35
-5°	3	3	3	4	4	9	15	20	25	30	35
-6.25°	3	3	3	4	4	9	15	20	25	30	34
-7.5°	3	3	3	4	4	9	14	19	24	29	34
-8.75°	3	3	3	4	4	8	14	19	24	29	33
-10°	3	3	3	4	4	7	13	18	23	28	33
-11.25°	3	3	3	4	4	7	12	18	23	27	32
-12.5°	3	3	3	3	4	6	11	17	22	27	31
-13.75°	3	3	3	3	4	5	10	16	21	26	30
-15°	3	3	3	3	4	4	10	15	20	25	29
-16.25°	3	3	3	3	4	4	8	14	19	24	28
-17.5°	3	3	3	3	4	4	7	13	18	23	27
-18.75°	3	3	3	3	4	4	6	11	17	21	26
-20°	3	3	3	3	3	4	5	10	15	20	25
-21.25°	3	3	3	3	3	4	4	9	14	19	23





REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	12	17	22
-23.75°	3	3	3	3	3	4	4	6	11	15	20
-25°	3	3	3	3	3	3	4	4	9	14	18
-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°	2	3	3	3	3	3	3	4	4	8	13
-30°	2	3	3	3	3	3	3	4	4	6	10
-31.25°	2	3	3	3	3	3	3	3	4	4	8
-32.5°	2	2	3	3	3	3	3	3	4	4	6
-33.75°	2	2	3	3	3	3	3	3	3	4	4
-35°	2	2	3	3	3	3	3	3	3	4	4
-36.25°	2	2	2	3	3	3	3	3	3	3	4
-37.5°	2	2	2	3	3	3	3	3	3	3	4
-38.75°	2	2	2	2	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	2	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	2	3	3	3	3	3
-45°	2	2	2	2	2	2	2	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	2	3	3	3
-48.75°	2	2	2	2	2	2	2	2	2	3	3
-50°	2	2	2	2	2	2	2	2	2	2	3
-51.25°	1	2	2	2	2	2	2	2	2	2	2
-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	1	2	2	2	2	2	2	2
-57.5°	1	1	1	1	1	2	2	2	2	2	2
-58.75°	1	1	1	1	1	1	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	1	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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)

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



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0	0	0	0	0	1
82.5°	0	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	2	2	2	2
66.25°	1	1	1	1	1	2	2	2	2	2	2
65°	1	1	1	2	2	2	2	2	2	2	2
63.75°	1	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	2
58.75°	2	2	2	2	2	2	2	2	2	3	3
57.5°	2	2	2	2	2	2	2	3	3	3	3
56.25°	2	2	2	2	2	3	3	3	3	3	3
55°	2	2	2	2	3	3	3	3	3	3	3
53.75°	2	2	3	3	3	3	3	3	3	3	3
52.5°	2	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	3	4	4
48.75°	3	3	3	3	3	3	3	3	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	9	12	16	18
42.5°	3	3	4	4	4	6	10	13	16	19	22
41.25°	3	4	4	4	6	10	13	16	19	22	25
40°	3	4	4	6	9	13	16	20	23	26	28
38.75°	4	4	5	9	12	16	19	23	26	29	31
37.5°	4	4	8	12	16	19	22	26	29	32	34
36.25°	4	7	11	15	18	22	25	28	31	34	37
35°	5	9	13	17	21	25	28	31	34	37	40



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	16	20	24	27	30	34	37	40	43
32.5°	10	14	18	22	26	29	33	36	39	43	46
31.25°	13	17	21	25	28	32	35	39	42	45	49
30°	15	19	23	27	31	34	38	41	44	48	52
28.75°	17	21	25	29	33	36	40	43	47	51	55
27.5°	19	23	27	31	35	38	42	46	50	54	59
26.25°	21	25	29	33	37	40	44	48	53	57	63
25°	23	27	31	35	39	42	46	51	55	61	66
23.75°	24	29	33	36	40	44	49	53	58	64	70
22.5°	26	30	34	38	42	46	51	56	61	67	75
21.25°	28	32	36	40	44	48	53	58	64	71	80
20°	29	33	37	41	46	50	55	61	67	76	85
18.75°	30	34	39	43	47	52	58	64	70	80	89
17.5°	31	36	40	44	49	54	60	66	74	84	94
16.25°	33	37	41	46	51	56	62	69	78	88	99
15°	34	38	42	47	52	58	64	71	81	91	104
13.75°	35	39	43	48	53	59	66	74	85	95	108
12.5°	35	40	44	50	55	61	68	77	88	99	112
11.25°	36	41	45	51	56	63	69	80	90	103	115
10°	37	42	46	52	57	64	72	82	93	106	119
8.75°	38	42	47	52	58	65	74	84	96	109	123
7.5°	38	43	48	53	59	66	75	86	98	111	126
6.25°	39	43	48	54	60	67	77	88	100	113	129
5°	39	44	49	54	61	68	78	89	102	115	131
3.75°	39	44	49	55	62	69	79	90	103	116	133
2.5°	40	44	50	55	62	69	80	91	104	117	134
1.25°	40	44	50	55	62	69	80	91	104	118	135
0°	40	45	50	55	62	69	80	91	104	118	135
-1.25°	40	44	50	55	62	69	80	91	104	118	135
-2.5°	40	44	50	55	62	69	80	91	104	117	134
-3.75°	39	44	49	55	62	69	79	90	103	116	133
-5°	39	44	49	54	61	68	78	89	102	115	131
-6.25°	39	43	48	54	60	67	77	88	100	113	129
-7.5°	38	43	48	53	59	66	75	86	98	111	126
-8.75°	38	42	47	52	58	65	74	84	96	109	123
-10°	37	42	46	52	57	64	72	82	93	106	119
-11.25°	36	41	45	51	56	63	69	80	90	103	115
-12.5°	35	40	44	50	55	61	68	77	88	99	112
-13.75°	35	39	43	48	53	59	66	74	85	95	108
-15°	34	38	42	47	52	58	64	71	81	91	104
-16.25°	33	37	41	46	51	56	62	69	78	88	99
-17.5°	31	36	40	44	49	54	60	66	74	84	94
-18.75°	30	34	39	43	47	52	58	64	70	80	89
-20°	29	33	37	41	46	50	55	61	67	76	85
-21.25°	28	32	36	40	44	48	53	58	64	71	80



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	26	30	34	38	42	46	51	56	61	67	75
-23.75°	24	29	33	36	40	44	49	53	58	64	70
-25°	23	27	31	35	39	42	46	51	55	61	66
-26.25°	21	25	29	33	37	40	44	48	53	57	63
-27.5°	19	23	27	31	35	38	42	46	50	54	59
-28.75°	17	21	25	29	33	36	40	43	47	51	55
-30°	15	19	23	27	31	34	38	41	44	48	52
-31.25°	13	17	21	25	28	32	35	39	42	45	49
-32.5°	10	14	18	22	26	29	33	36	39	43	46
-33.75°	8	12	16	20	24	27	30	34	37	40	43
-35°	5	9	13	17	21	25	28	31	34	37	40
-36.25°	4	7	11	15	18	22	25	28	31	34	37
-37.5°	4	4	8	12	16	19	22	26	29	32	34
-38.75°	4	4	5	9	12	16	19	23	26	29	31
-40°	3	4	4	6	9	13	16	20	23	26	28
-41.25°	3	4	4	4	6	10	13	16	19	22	25
-42.5°	3	3	4	4	4	6	10	13	16	19	22
-43.75°	3	3	3	4	4	4	6	9	12	16	18
-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	3	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	3
-52.5°	2	3	3	3	3	3	3	3	3	3	3
-53.75°	2	2	3	3	3	3	3	3	3	3	3
-55°	2	2	2	2	3	3	3	3	3	3	3
-56.25°	2	2	2	2	2	3	3	3	3	3	3
-57.5°	2	2	2	2	2	2	2	3	3	3	3
-58.75°	2	2	2	2	2	2	2	2	2	3	3
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	1	2	2	2	2	2	2	2	2	2	2
-65°	1	1	1	2	2	2	2	2	2	2	2
-66.25°	1	1	1	1	1	2	2	2	2	2	2
-67.5°	1	1	1	1	1	1	1	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)

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



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	2	2
70°	1	1	1	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	3
62.5°	2	2	2	2	2	2	3	3	3	3	3
61.25°	2	2	2	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	4	4
55°	3	3	3	3	3	3	4	4	4	4	4
53.75°	3	3	3	3	4	4	4	4	4	6	7
52.5°	3	3	4	4	4	4	5	7	9	11	12
51.25°	4	4	4	4	6	8	10	12	14	15	17
50°	4	4	6	8	10	13	15	17	18	20	22
48.75°	5	8	10	13	15	17	19	21	23	24	26
47.5°	9	12	14	17	19	21	23	25	27	29	30
46.25°	13	16	18	21	23	25	27	29	31	33	34
45°	17	20	22	25	27	29	31	33	35	36	38
43.75°	21	24	26	28	31	33	35	37	39	40	42
42.5°	25	27	29	32	34	36	38	40	42	44	46
41.25°	28	30	33	35	38	40	42	44	46	49	51
40°	31	34	36	39	41	43	46	48	51	53	56
38.75°	34	37	39	42	44	47	50	53	55	58	61
37.5°	37	40	43	45	48	51	54	57	61	64	67
36.25°	40	43	46	49	52	55	59	63	66	70	75
35°	43	46	50	53	56	60	64	68	73	79	84

REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	46	50	53	57	61	65	70	76	82	87	93
32.5°	50	53	57	62	66	71	77	84	90	97	104
31.25°	53	57	62	66	72	79	85	92	99	107	114
30°	56	61	66	72	79	86	93	101	109	117	127
28.75°	60	65	71	79	86	94	102	111	119	130	140
27.5°	64	70	77	85	93	102	111	121	132	142	153
26.25°	68	76	84	92	101	111	121	132	144	157	175
25°	73	82	90	99	109	119	132	144	158	178	197
23.75°	79	87	97	107	117	130	142	157	178	198	226
22.5°	84	93	104	114	127	140	153	175	197	226	275
21.25°	89	100	110	122	136	150	171	194	220	272	322
20°	95	106	117	131	145	164	188	211	263	316	371
18.75°	100	112	125	139	155	179	204	248	304	360	425
17.5°	106	117	132	147	169	194	228	286	343	409	479
16.25°	111	124	139	156	182	208	263	322	387	458	530
15°	116	131	146	168	195	234	295	356	430	505	577
13.75°	121	137	153	180	207	263	326	395	472	548	621
12.5°	126	142	163	190	225	290	354	431	511	588	659
11.25°	131	147	172	200	249	315	385	466	547	623	693
10°	135	152	180	209	271	337	414	497	579	654	719
8.75°	139	159	188	222	290	358	441	525	606	681	742
7.5°	143	165	194	238	307	380	464	549	631	703	757
6.25°	146	170	200	252	321	398	484	570	650	719	769
5°	148	175	204	263	333	413	501	587	666	733	779
3.75°	150	178	208	272	342	425	513	599	678	744	786
2.5°	151	181	211	278	349	434	523	609	687	749	791
1.25°	152	182	212	282	353	439	528	614	693	753	793
0°	152	183	213	283	354	441	530	616	695	754	794
-1.25°	152	183	213	283	354	441	530	616	695	754	794
-2.5°	151	181	211	278	349	434	523	609	687	749	791
-3.75°	150	178	208	272	342	425	513	599	678	744	786
-5°	148	175	204	263	333	413	501	587	666	733	779
-6.25°	146	170	200	252	321	398	484	570	650	719	769
-7.5°	143	165	194	238	307	380	464	549	631	703	757
-8.75°	139	159	188	222	290	358	441	525	606	681	742
-10°	135	152	180	209	271	337	414	497	579	654	719
-11.25°	131	147	172	200	249	315	385	466	547	623	693
-12.5°	126	142	163	190	225	290	354	431	511	588	659
-13.75°	121	137	153	180	207	263	326	395	472	548	621
-15°	116	131	146	168	195	234	295	356	430	505	577
-16.25°	111	124	139	156	182	208	263	322	387	458	530
-17.5°	106	117	132	147	169	194	228	286	343	409	479
-18.75°	100	112	125	139	155	179	204	248	304	360	425
-20°	95	106	117	131	145	164	188	211	263	316	371
-21.25°	89	100	110	122	136	150	171	194	220	272	322





REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	84	93	104	114	127	140	153	175	197	226	275
-23.75°	79	87	97	107	117	130	142	157	178	198	226
-25°	73	82	90	99	109	119	132	144	158	178	197
-26.25°	68	76	84	92	101	111	121	132	144	157	175
-27.5°	64	70	77	85	93	102	111	121	132	142	153
-28.75°	60	65	71	79	86	94	102	111	119	130	140
-30°	56	61	66	72	79	86	93	101	109	117	127
-31.25°	53	57	62	66	72	79	85	92	99	107	114
-32.5°	50	53	57	62	66	71	77	84	90	97	104
-33.75°	46	50	53	57	61	65	70	76	82	87	93
-35°	43	46	50	53	56	60	64	68	73	79	84
-36.25°	40	43	46	49	52	55	59	63	66	70	75
-37.5°	37	40	43	45	48	51	54	57	61	64	67
-38.75°	34	37	39	42	44	47	50	53	55	58	61
-40°	31	34	36	39	41	43	46	48	51	53	56
-41.25°	28	30	33	35	38	40	42	44	46	49	51
-42.5°	25	27	29	32	34	36	38	40	42	44	46
-43.75°	21	24	26	28	31	33	35	37	39	40	42
-45°	17	20	22	25	27	29	31	33	35	36	38
-46.25°	13	16	18	21	23	25	27	29	31	33	34
-47.5°	9	12	14	17	19	21	23	25	27	29	30
-48.75°	5	8	10	13	15	17	19	21	23	24	26
-50°	4	4	6	8	10	13	15	17	18	20	22
-51.25°	4	4	4	4	6	8	10	12	14	15	17
-52.5°	3	3	4	4	4	4	5	7	9	11	12
-53.75°	3	3	3	3	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	3	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	2	2	3	3	3	3	3	3	3	3
-62.5°	2	2	2	2	2	2	3	3	3	3	3
-63.75°	2	2	2	2	2	2	2	2	2	2	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	1	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	0	0	0	0	0	0	0	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	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	2	2	2	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	3	3	4	4	4
57.5°	3	3	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	5	6	7	7	8
55°	4	5	6	7	8	10	10	11	12	13	14
53.75°	9	10	11	13	14	15	16	17	18	18	19
52.5°	14	15	17	18	19	20	21	22	23	23	24
51.25°	19	20	21	23	24	25	26	27	27	28	29
50°	23	25	26	27	28	29	30	31	32	33	33
48.75°	28	29	30	31	33	34	35	35	36	37	38
47.5°	32	33	34	36	37	38	39	40	41	42	42
46.25°	36	37	39	40	41	42	43	44	45	46	47
45°	40	41	43	44	46	47	48	50	51	52	52
43.75°	44	46	47	49	51	52	53	55	56	57	58
42.5°	48	50	52	54	56	58	59	61	63	64	65
41.25°	53	55	58	60	62	64	66	68	69	72	74
40°	58	61	64	66	69	71	74	77	80	82	84
38.75°	64	67	70	74	78	81	85	88	90	93	96
37.5°	71	76	80	84	88	91	95	99	103	106	109
36.25°	80	85	89	94	99	104	108	112	115	119	123
35°	89	95	100	106	111	116	121	126	131	135	139



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	100	106	112	117	124	131	137	142	147	152	159
32.5°	110	117	125	132	139	146	153	163	172	180	188
31.25°	122	131	139	147	156	168	180	190	200	209	222
30°	136	145	155	169	182	195	207	225	249	271	290
28.75°	150	164	179	194	208	234	263	290	315	337	358
27.5°	171	188	204	228	263	295	326	354	385	414	441
26.25°	194	211	248	286	322	356	395	431	466	497	525
25°	220	263	304	343	387	430	472	511	547	579	606
23.75°	272	316	360	409	458	505	548	588	623	654	681
22.5°	322	371	425	479	530	577	621	659	693	719	742
21.25°	375	433	491	547	598	645	686	720	748	766	783
20°	433	495	555	610	660	704	740	764	785	801	816
18.75°	491	555	614	668	714	751	776	797	816	834	851
17.5°	547	610	668	717	755	783	806	828	848	868	887
16.25°	598	660	714	755	785	810	834	858	881	903	924
15°	645	704	751	783	810	837	863	889	914	939	959
13.75°	686	740	776	806	834	863	891	920	947	971	995
12.5°	720	764	797	828	858	889	920	950	977	1005	1034
11.25°	748	785	816	848	881	914	947	977	1009	1042	1074
10°	766	801	834	868	903	939	971	1005	1042	1079	1114
8.75°	783	816	851	887	924	959	995	1034	1074	1114	1152
7.5°	795	830	866	903	942	978	1018	1061	1104	1146	1184
6.25°	806	842	879	919	957	996	1039	1085	1131	1174	1211
5°	815	852	890	931	970	1011	1058	1106	1154	1196	1233
3.75°	822	860	899	941	980	1025	1073	1123	1171	1213	1249
2.5°	828	866	906	948	988	1034	1084	1136	1183	1225	1260
1.25°	831	869	910	952	993	1040	1091	1143	1191	1233	1267
0°	832	870	912	953	995	1042	1093	1146	1193	1235	1269
-1.25°	831	869	910	952	993	1040	1091	1143	1191	1233	1267
-2.5°	828	866	906	948	988	1034	1084	1136	1183	1225	1260
-3.75°	822	860	899	941	980	1025	1073	1123	1171	1213	1249
-5°	815	852	890	931	970	1011	1058	1106	1154	1196	1233
-6.25°	806	842	879	919	957	996	1039	1085	1131	1174	1211
-7.5°	795	830	866	903	942	978	1018	1061	1104	1146	1184
-8.75°	783	816	851	887	924	959	995	1034	1074	1114	1152
-10°	766	801	834	868	903	939	971	1005	1042	1079	1114
-11.25°	748	785	816	848	881	914	947	977	1009	1042	1074
-12.5°	720	764	797	828	858	889	920	950	977	1005	1034
-13.75°	686	740	776	806	834	863	891	920	947	971	995
-15°	645	704	751	783	810	837	863	889	914	939	959
-16.25°	598	660	714	755	785	810	834	858	881	903	924
-17.5°	547	610	668	717	755	783	806	828	848	868	887
-18.75°	491	555	614	668	714	751	776	797	816	834	851
-20°	433	495	555	610	660	704	740	764	785	801	816
-21.25°	375	433	491	547	598	645	686	720	748	766	783



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	322	371	425	479	530	577	621	659	693	719	742
-23.75°	272	316	360	409	458	505	548	588	623	654	681
-25°	220	263	304	343	387	430	472	511	547	579	606
-26.25°	194	211	248	286	322	356	395	431	466	497	525
-27.5°	171	188	204	228	263	295	326	354	385	414	441
-28.75°	150	164	179	194	208	234	263	290	315	337	358
-30°	136	145	155	169	182	195	207	225	249	271	290
-31.25°	122	131	139	147	156	168	180	190	200	209	222
-32.5°	110	117	125	132	139	146	153	163	172	180	188
-33.75°	100	106	112	117	124	131	137	142	147	152	159
-35°	89	95	100	106	111	116	121	126	131	135	139
-36.25°	80	85	89	94	99	104	108	112	115	119	123
-37.5°	71	76	80	84	88	91	95	99	103	106	109
-38.75°	64	67	70	74	78	81	85	88	90	93	96
-40°	58	61	64	66	69	71	74	77	80	82	84
-41.25°	53	55	58	60	62	64	66	68	69	72	74
-42.5°	48	50	52	54	56	58	59	61	63	64	65
-43.75°	44	46	47	49	51	52	53	55	56	57	58
-45°	40	41	43	44	46	47	48	50	51	52	52
-46.25°	36	37	39	40	41	42	43	44	45	46	47
-47.5°	32	33	34	36	37	38	39	40	41	42	42
-48.75°	28	29	30	31	33	34	35	35	36	37	38
-50°	23	25	26	27	28	29	30	31	32	33	33
-51.25°	19	20	21	23	24	25	26	27	27	28	29
-52.5°	14	15	17	18	19	20	21	22	23	23	24
-53.75°	9	10	11	13	14	15	16	17	18	18	19
-55°	4	5	6	7	8	10	10	11	12	13	14
-56.25°	4	4	4	4	4	4	5	6	7	7	8
-57.5°	3	3	4	4	4	4	4	4	4	4	4
-58.75°	3	3	3	3	3	3	3	3	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	2	2	2	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	1	1	1	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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	0	0	0	0	0	0	1	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	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°	2	2	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	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	9	9	9	10	10	10	10	10	10	10	9
55°	14	15	15	15	16	16	16	16	16	15	15
53.75°	19	20	20	20	21	21	21	21	21	20	20
52.5°	24	25	25	26	26	26	26	26	26	26	25
51.25°	29	30	30	30	30	31	31	31	30	30	30
50°	34	34	35	35	35	35	35	35	35	35	35
48.75°	38	39	39	39	40	40	40	40	40	39	39
47.5°	43	43	44	44	44	44	45	44	44	44	44
46.25°	48	48	49	49	50	50	50	50	50	49	49
45°	53	54	54	55	55	55	55	55	55	55	54
43.75°	59	60	61	62	62	62	62	62	62	62	61
42.5°	66	67	68	69	69	69	69	69	69	69	68
41.25°	75	77	78	79	80	80	80	80	80	79	78
40°	86	88	89	90	91	91	91	91	91	90	89
38.75°	98	100	102	103	104	104	104	104	104	103	102
37.5°	111	113	115	116	117	118	118	118	117	116	115
36.25°	126	129	131	133	134	135	135	135	134	133	131
35°	143	146	148	150	151	152	152	152	151	150	148



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	165	170	175	178	181	182	183	182	181	178	175
32.5°	194	200	204	208	211	212	213	212	211	208	204
31.25°	238	252	263	272	278	282	283	282	278	272	263
30°	307	321	333	342	349	353	354	353	349	342	333
28.75°	380	398	413	425	434	439	441	439	434	425	413
27.5°	464	484	501	513	523	528	530	528	523	513	501
26.25°	549	570	587	599	609	614	616	614	609	599	587
25°	631	650	666	678	687	693	695	693	687	678	666
23.75°	703	719	733	744	749	753	754	753	749	744	733
22.5°	757	769	779	786	791	793	794	793	791	786	779
21.25°	795	806	815	822	828	831	832	831	828	822	815
20°	830	842	852	860	866	869	870	869	866	860	852
18.75°	866	879	890	899	906	910	912	910	906	899	890
17.5°	903	919	931	941	948	952	953	952	948	941	931
16.25°	942	957	970	980	988	993	995	993	988	980	970
15°	978	996	1011	1025	1034	1040	1042	1040	1034	1025	1011
13.75°	1018	1039	1058	1073	1084	1091	1093	1091	1084	1073	1058
12.5°	1061	1085	1106	1123	1136	1143	1146	1143	1136	1123	1106
11.25°	1104	1131	1154	1171	1183	1191	1193	1191	1183	1171	1154
10°	1146	1174	1196	1213	1225	1233	1235	1233	1225	1213	1196
8.75°	1184	1211	1233	1249	1260	1267	1269	1267	1260	1249	1233
7.5°	1216	1242	1263	1278	1290	1295	1297	1295	1290	1278	1263
6.25°	1242	1267	1288	1301	1310	1314	1316	1314	1310	1301	1288
5°	1263	1288	1306	1316	1320	1322	1323	1322	1320	1316	1306
3.75°	1278	1301	1316	1321	1323	1323	1323	1323	1323	1321	1316
2.5°	1290	1310	1320	1323	1322	1318	1317	1318	1322	1323	1320
1.25°	1295	1314	1322	1323	1318	1314	1314	1314	1318	1323	1322
0°	1297	1316	1323	1323	1317	1314	1318	1314	1317	1323	1323
-1.25°	1295	1314	1322	1323	1318	1314	1314	1314	1318	1323	1322
-2.5°	1290	1310	1320	1323	1322	1318	1317	1318	1322	1323	1320
-3.75°	1278	1301	1316	1321	1323	1323	1323	1323	1323	1321	1316
-5°	1263	1288	1306	1316	1320	1322	1323	1322	1320	1316	1306
-6.25°	1242	1267	1288	1301	1310	1314	1316	1314	1310	1301	1288
-7.5°	1216	1242	1263	1278	1290	1295	1297	1295	1290	1278	1263
-8.75°	1184	1211	1233	1249	1260	1267	1269	1267	1260	1249	1233
-10°	1146	1174	1196	1213	1225	1233	1235	1233	1225	1213	1196
-11.25°	1104	1131	1154	1171	1183	1191	1193	1191	1183	1171	1154
-12.5°	1061	1085	1106	1123	1136	1143	1146	1143	1136	1123	1106
-13.75°	1018	1039	1058	1073	1084	1091	1093	1091	1084	1073	1058
-15°	978	996	1011	1025	1034	1040	1042	1040	1034	1025	1011
-16.25°	942	957	970	980	988	993	995	993	988	980	970
-17.5°	903	919	931	941	948	952	953	952	948	941	931
-18.75°	866	879	890	899	906	910	912	910	906	899	890
-20°	830	842	852	860	866	869	870	869	866	860	852
-21.25°	795	806	815	822	828	831	832	831	828	822	815





REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	757	769	779	786	791	793	794	793	791	786	779
-23.75°	703	719	733	744	749	753	754	753	749	744	733
-25°	631	650	666	678	687	693	695	693	687	678	666
-26.25°	549	570	587	599	609	614	616	614	609	599	587
-27.5°	464	484	501	513	523	528	530	528	523	513	501
-28.75°	380	398	413	425	434	439	441	439	434	425	413
-30°	307	321	333	342	349	353	354	353	349	342	333
-31.25°	238	252	263	272	278	282	283	282	278	272	263
-32.5°	194	200	204	208	211	212	213	212	211	208	204
-33.75°	165	170	175	178	181	182	183	182	181	178	175
-35°	143	146	148	150	151	152	152	152	151	150	148
-36.25°	126	129	131	133	134	135	135	135	134	133	131
-37.5°	111	113	115	116	117	118	118	118	117	116	115
-38.75°	98	100	102	103	104	104	104	104	104	103	102
-40°	86	88	89	90	91	91	91	91	91	90	89
-41.25°	75	77	78	79	80	80	80	80	80	79	78
-42.5°	66	67	68	69	69	69	69	69	69	69	68
-43.75°	59	60	61	62	62	62	62	62	62	62	61
-45°	53	54	54	55	55	55	55	55	55	55	54
-46.25°	48	48	49	49	50	50	50	50	50	49	49
-47.5°	43	43	44	44	44	44	45	44	44	44	44
-48.75°	38	39	39	39	40	40	40	40	40	39	39
-50°	34	34	35	35	35	35	35	35	35	35	35
-51.25°	29	30	30	30	30	31	31	31	30	30	30
-52.5°	24	25	25	26	26	26	26	26	26	26	25
-53.75°	19	20	20	20	21	21	21	21	21	20	20
-55°	14	15	15	15	16	16	16	16	16	15	15
-56.25°	9	9	9	10	10	10	10	10	10	10	9
-57.5°	4	4	4	4	4	4	4	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°	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°	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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)

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



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	0	0	0	0	0	0	0	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	2	2	2	2	2	2	1	1	1	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°	2	2	2	2	2	2	2	2	2	2	2
65°	3	3	3	3	3	3	3	3	2	2	2
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	4	4	4	4	4	3	3	3	3	3	3
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	9	9	8	7	7	6	5	4	4	4	4
55°	15	14	14	13	12	11	10	10	8	7	6
53.75°	20	19	19	18	18	17	16	15	14	13	11
52.5°	25	24	24	23	23	22	21	20	19	18	17
51.25°	30	29	29	28	27	27	26	25	24	23	21
50°	34	34	33	33	32	31	30	29	28	27	26
48.75°	39	38	38	37	36	35	35	34	33	31	30
47.5°	43	43	42	42	41	40	39	38	37	36	34
46.25°	48	48	47	46	45	44	43	42	41	40	39
45°	54	53	52	52	51	50	48	47	46	44	43
43.75°	60	59	58	57	56	55	53	52	51	49	47
42.5°	67	66	65	64	63	61	59	58	56	54	52
41.25°	77	75	74	72	69	68	66	64	62	60	58
40°	88	86	84	82	80	77	74	71	69	66	64
38.75°	100	98	96	93	90	88	85	81	78	74	70
37.5°	113	111	109	106	103	99	95	91	88	84	80
36.25°	129	126	123	119	115	112	108	104	99	94	89
35°	146	143	139	135	131	126	121	116	111	106	100



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	170	165	159	152	147	142	137	131	124	117	112
32.5°	200	194	188	180	172	163	153	146	139	132	125
31.25°	252	238	222	209	200	190	180	168	156	147	139
30°	321	307	290	271	249	225	207	195	182	169	155
28.75°	398	380	358	337	315	290	263	234	208	194	179
27.5°	484	464	441	414	385	354	326	295	263	228	204
26.25°	570	549	525	497	466	431	395	356	322	286	248
25°	650	631	606	579	547	511	472	430	387	343	304
23.75°	719	703	681	654	623	588	548	505	458	409	360
22.5°	769	757	742	719	693	659	621	577	530	479	425
21.25°	806	795	783	766	748	720	686	645	598	547	491
20°	842	830	816	801	785	764	740	704	660	610	555
18.75°	879	866	851	834	816	797	776	751	714	668	614
17.5°	919	903	887	868	848	828	806	783	755	717	668
16.25°	957	942	924	903	881	858	834	810	785	755	714
15°	996	978	959	939	914	889	863	837	810	783	751
13.75°	1039	1018	995	971	947	920	891	863	834	806	776
12.5°	1085	1061	1034	1005	977	950	920	889	858	828	797
11.25°	1131	1104	1074	1042	1009	977	947	914	881	848	816
10°	1174	1146	1114	1079	1042	1005	971	939	903	868	834
8.75°	1211	1184	1152	1114	1074	1034	995	959	924	887	851
7.5°	1242	1216	1184	1146	1104	1061	1018	978	942	903	866
6.25°	1267	1242	1211	1174	1131	1085	1039	996	957	919	879
5°	1288	1263	1233	1196	1154	1106	1058	1011	970	931	890
3.75°	1301	1278	1249	1213	1171	1123	1073	1025	980	941	899
2.5°	1310	1290	1260	1225	1183	1136	1084	1034	988	948	906
1.25°	1314	1295	1267	1233	1191	1143	1091	1040	993	952	910
0°	1316	1297	1269	1235	1193	1146	1093	1042	995	953	912
-1.25°	1314	1295	1267	1233	1191	1143	1091	1040	993	952	910
-2.5°	1310	1290	1260	1225	1183	1136	1084	1034	988	948	906
-3.75°	1301	1278	1249	1213	1171	1123	1073	1025	980	941	899
-5°	1288	1263	1233	1196	1154	1106	1058	1011	970	931	890
-6.25°	1267	1242	1211	1174	1131	1085	1039	996	957	919	879
-7.5°	1242	1216	1184	1146	1104	1061	1018	978	942	903	866
-8.75°	1211	1184	1152	1114	1074	1034	995	959	924	887	851
-10°	1174	1146	1114	1079	1042	1005	971	939	903	868	834
-11.25°	1131	1104	1074	1042	1009	977	947	914	881	848	816
-12.5°	1085	1061	1034	1005	977	950	920	889	858	828	797
-13.75°	1039	1018	995	971	947	920	891	863	834	806	776
-15°	996	978	959	939	914	889	863	837	810	783	751
-16.25°	957	942	924	903	881	858	834	810	785	755	714
-17.5°	919	903	887	868	848	828	806	783	755	717	668
-18.75°	879	866	851	834	816	797	776	751	714	668	614
-20°	842	830	816	801	785	764	740	704	660	610	555
-21.25°	806	795	783	766	748	720	686	645	598	547	491



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	769	757	742	719	693	659	621	577	530	479	425
-23.75°	719	703	681	654	623	588	548	505	458	409	360
-25°	650	631	606	579	547	511	472	430	387	343	304
-26.25°	570	549	525	497	466	431	395	356	322	286	248
-27.5°	484	464	441	414	385	354	326	295	263	228	204
-28.75°	398	380	358	337	315	290	263	234	208	194	179
-30°	321	307	290	271	249	225	207	195	182	169	155
-31.25°	252	238	222	209	200	190	180	168	156	147	139
-32.5°	200	194	188	180	172	163	153	146	139	132	125
-33.75°	170	165	159	152	147	142	137	131	124	117	112
-35°	146	143	139	135	131	126	121	116	111	106	100
-36.25°	129	126	123	119	115	112	108	104	99	94	89
-37.5°	113	111	109	106	103	99	95	91	88	84	80
-38.75°	100	98	96	93	90	88	85	81	78	74	70
-40°	88	86	84	82	80	77	74	71	69	66	64
-41.25°	77	75	74	72	69	68	66	64	62	60	58
-42.5°	67	66	65	64	63	61	59	58	56	54	52
-43.75°	60	59	58	57	56	55	53	52	51	49	47
-45°	54	53	52	52	51	50	48	47	46	44	43
-46.25°	48	48	47	46	45	44	43	42	41	40	39
-47.5°	43	43	42	42	41	40	39	38	37	36	34
-48.75°	39	38	38	37	36	35	35	34	33	31	30
-50°	34	34	33	33	32	31	30	29	28	27	26
-51.25°	30	29	29	28	27	27	26	25	24	23	21
-52.5°	25	24	24	23	23	22	21	20	19	18	17
-53.75°	20	19	19	18	18	17	16	15	14	13	11
-55°	15	14	14	13	12	11	10	10	8	7	6
-56.25°	9	9	8	7	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	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	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	2	2	2	2	2
-72.5°	2	2	2	2	2	2	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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	0	0	0	0	0	0	0	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	2	2	2	2	1	1	1	1	1	1	1
70°	2	2	2	2	2	2	2	2	2	2	1
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	3	3	3	2	2	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	2	2	2	2
61.25°	3	3	3	3	3	3	3	3	3	3	2
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	4	4	4	4	3	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	3	3
52.5°	15	14	12	11	9	7	5	4	4	4	4
51.25°	20	19	17	15	14	12	10	8	6	4	4
50°	25	23	22	20	18	17	15	13	10	8	6
48.75°	29	28	26	24	23	21	19	17	15	13	10
47.5°	33	32	30	29	27	25	23	21	19	17	14
46.25°	37	36	34	33	31	29	27	25	23	21	18
45°	41	40	38	36	35	33	31	29	27	25	22
43.75°	46	44	42	40	39	37	35	33	31	28	26
42.5°	50	48	46	44	42	40	38	36	34	32	29
41.25°	55	53	51	49	46	44	42	40	38	35	33
40°	61	58	56	53	51	48	46	43	41	39	36
38.75°	67	64	61	58	55	53	50	47	44	42	39
37.5°	76	71	67	64	61	57	54	51	48	45	43
36.25°	85	80	75	70	66	63	59	55	52	49	46
35°	95	89	84	79	73	68	64	60	56	53	50



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	106	100	93	87	82	76	70	65	61	57	53
32.5°	117	110	104	97	90	84	77	71	66	62	57
31.25°	131	122	114	107	99	92	85	79	72	66	62
30°	145	136	127	117	109	101	93	86	79	72	66
28.75°	164	150	140	130	119	111	102	94	86	79	71
27.5°	188	171	153	142	132	121	111	102	93	85	77
26.25°	211	194	175	157	144	132	121	111	101	92	84
25°	263	220	197	178	158	144	132	119	109	99	90
23.75°	316	272	226	198	178	157	142	130	117	107	97
22.5°	371	322	275	226	197	175	153	140	127	114	104
21.25°	433	375	322	272	220	194	171	150	136	122	110
20°	495	433	371	316	263	211	188	164	145	131	117
18.75°	555	491	425	360	304	248	204	179	155	139	125
17.5°	610	547	479	409	343	286	228	194	169	147	132
16.25°	660	598	530	458	387	322	263	208	182	156	139
15°	704	645	577	505	430	356	295	234	195	168	146
13.75°	740	686	621	548	472	395	326	263	207	180	153
12.5°	764	720	659	588	511	431	354	290	225	190	163
11.25°	785	748	693	623	547	466	385	315	249	200	172
10°	801	766	719	654	579	497	414	337	271	209	180
8.75°	816	783	742	681	606	525	441	358	290	222	188
7.5°	830	795	757	703	631	549	464	380	307	238	194
6.25°	842	806	769	719	650	570	484	398	321	252	200
5°	852	815	779	733	666	587	501	413	333	263	204
3.75°	860	822	786	744	678	599	513	425	342	272	208
2.5°	866	828	791	749	687	609	523	434	349	278	211
1.25°	869	831	793	753	693	614	528	439	353	282	212
0°	870	832	794	754	695	616	530	441	354	283	213
-1.25°	869	831	793	753	693	614	528	439	353	282	212
-2.5°	866	828	791	749	687	609	523	434	349	278	211
-3.75°	860	822	786	744	678	599	513	425	342	272	208
-5°	852	815	779	733	666	587	501	413	333	263	204
-6.25°	842	806	769	719	650	570	484	398	321	252	200
-7.5°	830	795	757	703	631	549	464	380	307	238	194
-8.75°	816	783	742	681	606	525	441	358	290	222	188
-10°	801	766	719	654	579	497	414	337	271	209	180
-11.25°	785	748	693	623	547	466	385	315	249	200	172
-12.5°	764	720	659	588	511	431	354	290	225	190	163
-13.75°	740	686	621	548	472	395	326	263	207	180	153
-15°	704	645	577	505	430	356	295	234	195	168	146
-16.25°	660	598	530	458	387	322	263	208	182	156	139
-17.5°	610	547	479	409	343	286	228	194	169	147	132
-18.75°	555	491	425	360	304	248	204	179	155	139	125
-20°	495	433	371	316	263	211	188	164	145	131	117
-21.25°	433	375	322	272	220	194	171	150	136	122	110





REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	371	322	275	226	197	175	153	140	127	114	104
-23.75°	316	272	226	198	178	157	142	130	117	107	97
-25°	263	220	197	178	158	144	132	119	109	99	90
-26.25°	211	194	175	157	144	132	121	111	101	92	84
-27.5°	188	171	153	142	132	121	111	102	93	85	77
-28.75°	164	150	140	130	119	111	102	94	86	79	71
-30°	145	136	127	117	109	101	93	86	79	72	66
-31.25°	131	122	114	107	99	92	85	79	72	66	62
-32.5°	117	110	104	97	90	84	77	71	66	62	57
-33.75°	106	100	93	87	82	76	70	65	61	57	53
-35°	95	89	84	79	73	68	64	60	56	53	50
-36.25°	85	80	75	70	66	63	59	55	52	49	46
-37.5°	76	71	67	64	61	57	54	51	48	45	43
-38.75°	67	64	61	58	55	53	50	47	44	42	39
-40°	61	58	56	53	51	48	46	43	41	39	36
-41.25°	55	53	51	49	46	44	42	40	38	35	33
-42.5°	50	48	46	44	42	40	38	36	34	32	29
-43.75°	46	44	42	40	39	37	35	33	31	28	26
-45°	41	40	38	36	35	33	31	29	27	25	22
-46.25°	37	36	34	33	31	29	27	25	23	21	18
-47.5°	33	32	30	29	27	25	23	21	19	17	14
-48.75°	29	28	26	24	23	21	19	17	15	13	10
-50°	25	23	22	20	18	17	15	13	10	8	6
-51.25°	20	19	17	15	14	12	10	8	6	4	4
-52.5°	15	14	12	11	9	7	5	4	4	4	4
-53.75°	10	9	7	6	4	4	4	4	4	3	3
-55°	5	4	4	4	4	4	4	3	3	3	3
-56.25°	4	4	4	4	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	2
-62.5°	3	3	3	3	3	3	3	2	2	2	2
-63.75°	3	3	3	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	1
-71.25°	2	2	2	2	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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0	0	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	2	2	1	1	1	1	1	1	1	1	1
67.5°	2	2	2	2	2	2	1	1	1	1	1
66.25°	2	2	2	2	2	2	2	2	1	1	1
65°	2	2	2	2	2	2	2	2	2	2	1
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°	3	3	2	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	2	2	2	2	2	2	2
57.5°	3	3	3	3	3	3	2	2	2	2	2
56.25°	3	3	3	3	3	3	3	3	2	2	2
55°	3	3	3	3	3	3	3	3	3	2	2
53.75°	3	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°	4	4	3	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	3	3	3	3	3	3
47.5°	12	9	7	4	4	4	4	3	3	3	3
46.25°	16	13	11	8	5	4	4	4	3	3	3
45°	20	17	15	12	9	6	4	4	4	3	3
43.75°	24	21	18	16	12	9	6	4	4	4	3
42.5°	27	25	22	19	16	13	10	6	4	4	4
41.25°	30	28	25	22	19	16	13	10	6	4	4
40°	34	31	28	26	23	20	16	13	9	6	4
38.75°	37	34	31	29	26	23	19	16	12	9	5
37.5°	40	37	34	32	29	26	22	19	16	12	8
36.25°	43	40	37	34	31	28	25	22	18	15	11
35°	46	43	40	37	34	31	28	25	21	17	13



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	50	46	43	40	37	34	30	27	24	20	16
32.5°	53	50	46	43	39	36	33	29	26	22	18
31.25°	57	53	49	45	42	39	35	32	28	25	21
30°	61	56	52	48	44	41	38	34	31	27	23
28.75°	65	60	55	51	47	43	40	36	33	29	25
27.5°	70	64	59	54	50	46	42	38	35	31	27
26.25°	76	68	63	57	53	48	44	40	37	33	29
25°	82	73	66	61	55	51	46	42	39	35	31
23.75°	87	79	70	64	58	53	49	44	40	36	33
22.5°	93	84	75	67	61	56	51	46	42	38	34
21.25°	100	89	80	71	64	58	53	48	44	40	36
20°	106	95	85	76	67	61	55	50	46	41	37
18.75°	112	100	89	80	70	64	58	52	47	43	39
17.5°	117	106	94	84	74	66	60	54	49	44	40
16.25°	124	111	99	88	78	69	62	56	51	46	41
15°	131	116	104	91	81	71	64	58	52	47	42
13.75°	137	121	108	95	85	74	66	59	53	48	43
12.5°	142	126	112	99	88	77	68	61	55	50	44
11.25°	147	131	115	103	90	80	69	63	56	51	45
10°	152	135	119	106	93	82	72	64	57	52	46
8.75°	159	139	123	109	96	84	74	65	58	52	47
7.5°	165	143	126	111	98	86	75	66	59	53	48
6.25°	170	146	129	113	100	88	77	67	60	54	48
5°	175	148	131	115	102	89	78	68	61	54	49
3.75°	178	150	133	116	103	90	79	69	62	55	49
2.5°	181	151	134	117	104	91	80	69	62	55	50
1.25°	182	152	135	118	104	91	80	69	62	55	50
0°	183	152	135	118	104	91	80	69	62	55	50
-1.25°	182	152	135	118	104	91	80	69	62	55	50
-2.5°	181	151	134	117	104	91	80	69	62	55	50
-3.75°	178	150	133	116	103	90	79	69	62	55	49
-5°	175	148	131	115	102	89	78	68	61	54	49
-6.25°	170	146	129	113	100	88	77	67	60	54	48
-7.5°	165	143	126	111	98	86	75	66	59	53	48
-8.75°	159	139	123	109	96	84	74	65	58	52	47
-10°	152	135	119	106	93	82	72	64	57	52	46
-11.25°	147	131	115	103	90	80	69	63	56	51	45
-12.5°	142	126	112	99	88	77	68	61	55	50	44
-13.75°	137	121	108	95	85	74	66	59	53	48	43
-15°	131	116	104	91	81	71	64	58	52	47	42
-16.25°	124	111	99	88	78	69	62	56	51	46	41
-17.5°	117	106	94	84	74	66	60	54	49	44	40
-18.75°	112	100	89	80	70	64	58	52	47	43	39
-20°	106	95	85	76	67	61	55	50	46	41	37
-21.25°	100	89	80	71	64	58	53	48	44	40	36



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	93	84	75	67	61	56	51	46	42	38	34
-23.75°	87	79	70	64	58	53	49	44	40	36	33
-25°	82	73	66	61	55	51	46	42	39	35	31
-26.25°	76	68	63	57	53	48	44	40	37	33	29
-27.5°	70	64	59	54	50	46	42	38	35	31	27
-28.75°	65	60	55	51	47	43	40	36	33	29	25
-30°	61	56	52	48	44	41	38	34	31	27	23
-31.25°	57	53	49	45	42	39	35	32	28	25	21
-32.5°	53	50	46	43	39	36	33	29	26	22	18
-33.75°	50	46	43	40	37	34	30	27	24	20	16
-35°	46	43	40	37	34	31	28	25	21	17	13
-36.25°	43	40	37	34	31	28	25	22	18	15	11
-37.5°	40	37	34	32	29	26	22	19	16	12	8
-38.75°	37	34	31	29	26	23	19	16	12	9	5
-40°	34	31	28	26	23	20	16	13	9	6	4
-41.25°	30	28	25	22	19	16	13	10	6	4	4
-42.5°	27	25	22	19	16	13	10	6	4	4	4
-43.75°	24	21	18	16	12	9	6	4	4	4	3
-45°	20	17	15	12	9	6	4	4	4	3	3
-46.25°	16	13	11	8	5	4	4	4	3	3	3
-47.5°	12	9	7	4	4	4	4	3	3	3	3
-48.75°	8	5	4	4	4	3	3	3	3	3	3
-50°	4	4	4	4	3	3	3	3	3	3	3
-51.25°	4	4	3	3	3	3	3	3	3	3	3
-52.5°	3	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	2	2
-56.25°	3	3	3	3	3	3	3	3	2	2	2
-57.5°	3	3	3	3	3	3	2	2	2	2	2
-58.75°	3	3	3	3	2	2	2	2	2	2	2
-60°	3	3	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	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	1
-66.25°	2	2	2	2	2	2	2	2	1	1	1
-67.5°	2	2	2	2	2	2	1	1	1	1	1
-68.75°	2	2	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0	0	0	0	0	0	0	0	0	0
81.25°	1	1	1	1	1	1	1	0	0	0	0
80°	1	1	1	1	1	1	1	1	1	1	0
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	2	1	1	1	1	1	1	1	1	1	1
62.5°	2	2	2	1	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	1	1	1	1
57.5°	2	2	2	2	2	2	2	2	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	1
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	3	2	2	2	2	2	2	2	2	2	2
51.25°	3	3	2	2	2	2	2	2	2	2	2
50°	3	3	3	2	2	2	2	2	2	2	2
48.75°	3	3	3	3	2	2	2	2	2	2	2
47.5°	3	3	3	3	3	2	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	2	2	2	2	2
43.75°	3	3	3	3	3	3	3	2	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	2	2	2
40°	4	3	3	3	3	3	3	3	3	2	2
38.75°	4	4	3	3	3	3	3	3	3	2	2
37.5°	4	4	4	3	3	3	3	3	3	3	2
36.25°	7	4	4	3	3	3	3	3	3	3	2
35°	9	5	4	4	3	3	3	3	3	3	3



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	3	3	3	3	3	3	3
32.5°	14	10	6	4	4	3	3	3	3	3	3
31.25°	17	13	8	4	4	3	3	3	3	3	3
30°	19	15	10	6	4	4	3	3	3	3	3
28.75°	21	17	13	8	4	4	3	3	3	3	3
27.5°	23	19	15	10	5	4	4	3	3	3	3
26.25°	25	21	17	12	7	4	4	3	3	3	3
25°	27	23	18	14	9	4	4	3	3	3	3
23.75°	29	24	20	15	11	6	4	4	3	3	3
22.5°	30	26	22	17	12	7	4	4	3	3	3
21.25°	32	28	23	19	14	9	4	4	3	3	3
20°	33	29	25	20	15	10	5	4	3	3	3
18.75°	34	30	26	21	17	11	6	4	4	3	3
17.5°	36	31	27	23	18	13	7	4	4	3	3
16.25°	37	33	28	24	19	14	8	4	4	3	3
15°	38	34	29	25	20	15	10	4	4	3	3
13.75°	39	35	30	26	21	16	10	5	4	3	3
12.5°	40	35	31	27	22	17	11	6	4	3	3
11.25°	41	36	32	27	23	18	12	7	4	4	3
10°	42	37	33	28	23	18	13	7	4	4	3
8.75°	42	38	33	29	24	19	14	8	4	4	3
7.5°	43	38	34	29	24	19	14	9	4	4	3
6.25°	43	39	34	30	25	20	15	9	4	4	3
5°	44	39	35	30	25	20	15	9	4	4	3
3.75°	44	39	35	30	26	20	15	10	4	4	3
2.5°	44	40	35	30	26	21	16	10	4	4	3
1.25°	44	40	35	31	26	21	16	10	4	4	3
0°	45	40	35	31	26	21	16	10	4	4	3
-1.25°	44	40	35	31	26	21	16	10	4	4	3
-2.5°	44	40	35	30	26	21	16	10	4	4	3
-3.75°	44	39	35	30	26	20	15	10	4	4	3
-5°	44	39	35	30	25	20	15	9	4	4	3
-6.25°	43	39	34	30	25	20	15	9	4	4	3
-7.5°	43	38	34	29	24	19	14	9	4	4	3
-8.75°	42	38	33	29	24	19	14	8	4	4	3
-10°	42	37	33	28	23	18	13	7	4	4	3
-11.25°	41	36	32	27	23	18	12	7	4	4	3
-12.5°	40	35	31	27	22	17	11	6	4	3	3
-13.75°	39	35	30	26	21	16	10	5	4	3	3
-15°	38	34	29	25	20	15	10	4	4	3	3
-16.25°	37	33	28	24	19	14	8	4	4	3	3
-17.5°	36	31	27	23	18	13	7	4	4	3	3
-18.75°	34	30	26	21	17	11	6	4	4	3	3
-20°	33	29	25	20	15	10	5	4	3	3	3
-21.25°	32	28	23	19	14	9	4	4	3	3	3





REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	30	26	22	17	12	7	4	4	3	3	3
-23.75°	29	24	20	15	11	6	4	4	3	3	3
-25°	27	23	18	14	9	4	4	3	3	3	3
-26.25°	25	21	17	12	7	4	4	3	3	3	3
-27.5°	23	19	15	10	5	4	4	3	3	3	3
-28.75°	21	17	13	8	4	4	3	3	3	3	3
-30°	19	15	10	6	4	4	3	3	3	3	3
-31.25°	17	13	8	4	4	3	3	3	3	3	3
-32.5°	14	10	6	4	4	3	3	3	3	3	3
-33.75°	12	8	4	4	3	3	3	3	3	3	3
-35°	9	5	4	4	3	3	3	3	3	3	3
-36.25°	7	4	4	3	3	3	3	3	3	3	2
-37.5°	4	4	4	3	3	3	3	3	3	3	2
-38.75°	4	4	3	3	3	3	3	3	3	2	2
-40°	4	3	3	3	3	3	3	3	3	2	2
-41.25°	4	3	3	3	3	3	3	3	2	2	2
-42.5°	3	3	3	3	3	3	3	3	2	2	2
-43.75°	3	3	3	3	3	3	3	2	2	2	2
-45°	3	3	3	3	3	3	2	2	2	2	2
-46.25°	3	3	3	3	3	3	2	2	2	2	2
-47.5°	3	3	3	3	3	2	2	2	2	2	2
-48.75°	3	3	3	3	2	2	2	2	2	2	2
-50°	3	3	3	2	2	2	2	2	2	2	2
-51.25°	3	3	2	2	2	2	2	2	2	2	2
-52.5°	3	2	2	2	2	2	2	2	2	2	2
-53.75°	2	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	1	1
-57.5°	2	2	2	2	2	2	2	2	1	1	1
-58.75°	2	2	2	2	2	2	2	1	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	1	1	1	1	1	1	1	1
-63.75°	2	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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)

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



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	0	0	0	0	0	0	0	0	0	0	0
78.75°	1	1	0	0	0	0	0	0	0	0	0
77.5°	1	1	1	1	1	0	0	0	0	0	0
76.25°	1	1	1	1	1	1	0	0	0	0	0
75°	1	1	1	1	1	1	1	1	0	0	0
73.75°	1	1	1	1	1	1	1	1	1	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	0
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	2	1	1	1	1	1	1	1	1	1	1
51.25°	2	1	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	1	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	1	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	1	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	1	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	1	1	1	1	1
36.25°	2	2	2	2	2	2	1	1	1	1	1
35°	2	2	2	2	2	2	2	1	1	1	1



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	2	2	2	2	2	2	2	1	1	1	1
32.5°	2	2	2	2	2	2	2	1	1	1	1
31.25°	3	2	2	2	2	2	2	2	1	1	1
30°	3	2	2	2	2	2	2	2	1	1	1
28.75°	3	2	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	1	1	1
25°	3	3	2	2	2	2	2	2	1	1	1
23.75°	3	3	2	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	2	2	2	2	2	2	1	1
17.5°	3	3	3	2	2	2	2	2	2	1	1
16.25°	3	3	3	2	2	2	2	2	2	1	1
15°	3	3	3	3	2	2	2	2	2	1	1
13.75°	3	3	3	3	2	2	2	2	2	1	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	2	2	2	2	2	2	1
6.25°	3	3	3	3	2	2	2	2	2	2	1
5°	3	3	3	3	2	2	2	2	2	2	1
3.75°	3	3	3	3	2	2	2	2	2	2	1
2.5°	3	3	3	3	2	2	2	2	2	2	1
1.25°	3	3	3	3	2	2	2	2	2	2	1
0°	3	3	3	3	2	2	2	2	2	2	1
-1.25°	3	3	3	3	2	2	2	2	2	2	1
-2.5°	3	3	3	3	2	2	2	2	2	2	1
-3.75°	3	3	3	3	2	2	2	2	2	2	1
-5°	3	3	3	3	2	2	2	2	2	2	1
-6.25°	3	3	3	3	2	2	2	2	2	2	1
-7.5°	3	3	3	3	2	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	1	1
-15°	3	3	3	3	2	2	2	2	2	1	1
-16.25°	3	3	3	2	2	2	2	2	2	1	1
-17.5°	3	3	3	2	2	2	2	2	2	1	1
-18.75°	3	3	3	2	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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	2	2	2	2	2	2	2	1	1
-25°	3	3	2	2	2	2	2	2	1	1	1
-26.25°	3	3	2	2	2	2	2	2	1	1	1
-27.5°	3	3	2	2	2	2	2	2	1	1	1
-28.75°	3	2	2	2	2	2	2	2	1	1	1
-30°	3	2	2	2	2	2	2	2	1	1	1
-31.25°	3	2	2	2	2	2	2	2	1	1	1
-32.5°	2	2	2	2	2	2	2	1	1	1	1
-33.75°	2	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	1	1	1	1	1
-37.5°	2	2	2	2	2	2	1	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	1	1	1	1	1	1
-42.5°	2	2	2	2	2	1	1	1	1	1	1
-43.75°	2	2	2	2	1	1	1	1	1	1	1
-45°	2	2	2	2	1	1	1	1	1	1	1
-46.25°	2	2	2	1	1	1	1	1	1	1	1
-47.5°	2	2	2	1	1	1	1	1	1	1	1
-48.75°	2	2	1	1	1	1	1	1	1	1	1
-50°	2	2	1	1	1	1	1	1	1	1	1
-51.25°	2	1	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	0
-73.75°	1	1	1	1	1	1	1	1	1	0	0
-75°	1	1	1	1	1	1	1	1	0	0	0
-76.25°	1	1	1	1	1	1	0	0	0	0	0
-77.5°	1	1	1	1	1	0	0	0	0	0	0



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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°	0	0	0	0	0	0	0	0	0	0	0
70°	1	0	0	0	0	0	0	0	0	0	0
68.75°	1	0	0	0	0	0	0	0	0	0	0
67.5°	1	1	0	0	0	0	0	0	0	0	0
66.25°	1	1	1	0	0	0	0	0	0	0	0
65°	1	1	1	0	0	0	0	0	0	0	0
63.75°	1	1	1	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	0	0	0	0	0	0	0
61.25°	1	1	1	1	0	0	0	0	0	0	0
60°	1	1	1	1	0	0	0	0	0	0	0
58.75°	1	1	1	1	1	0	0	0	0	0	0
57.5°	1	1	1	1	1	0	0	0	0	0	0
56.25°	1	1	1	1	1	0	0	0	0	0	0
55°	1	1	1	1	1	1	0	0	0	0	0
53.75°	1	1	1	1	1	1	0	0	0	0	0
52.5°	1	1	1	1	1	1	0	0	0	0	0
51.25°	1	1	1	1	1	1	0	0	0	0	0
50°	1	1	1	1	1	1	0	0	0	0	0
48.75°	1	1	1	1	1	1	0	0	0	0	0
47.5°	1	1	1	1	1	1	1	0	0	0	0
46.25°	1	1	1	1	1	1	1	0	0	0	0
45°	1	1	1	1	1	1	1	0	0	0	0
43.75°	1	1	1	1	1	1	1	0	0	0	0
42.5°	1	1	1	1	1	1	1	0	0	0	0
41.25°	1	1	1	1	1	1	1	0	0	0	0
40°	1	1	1	1	1	1	1	0	0	0	0
38.75°	1	1	1	1	1	1	1	0	0	0	0
37.5°	1	1	1	1	1	1	1	0	0	0	0
36.25°	1	1	1	1	1	1	1	1	0	0	0
35°	1	1	1	1	1	1	1	1	0	0	0



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0	0	0
21.25°	1	1	1	1	1	1	1	1	0	0	0
20°	1	1	1	1	1	1	1	1	0	0	0
18.75°	1	1	1	1	1	1	1	1	0	0	0
17.5°	1	1	1	1	1	1	1	1	0	0	0
16.25°	1	1	1	1	1	1	1	1	0	0	0
15°	1	1	1	1	1	1	1	1	0	0	0
13.75°	1	1	1	1	1	1	1	1	0	0	0
12.5°	1	1	1	1	1	1	1	1	0	0	0
11.25°	1	1	1	1	1	1	1	1	0	0	0
10°	1	1	1	1	1	1	1	1	0	0	0
8.75°	1	1	1	1	1	1	1	1	0	0	0
7.5°	1	1	1	1	1	1	1	1	0	0	0
6.25°	1	1	1	1	1	1	1	1	0	0	0
5°	1	1	1	1	1	1	1	1	0	0	0
3.75°	1	1	1	1	1	1	1	1	0	0	0
2.5°	1	1	1	1	1	1	1	1	0	0	0
1.25°	1	1	1	1	1	1	1	1	0	0	0
0°	1	1	1	1	1	1	1	1	1	0	0
-1.25°	1	1	1	1	1	1	1	1	0	0	0
-2.5°	1	1	1	1	1	1	1	1	0	0	0
-3.75°	1	1	1	1	1	1	1	1	0	0	0
-5°	1	1	1	1	1	1	1	1	0	0	0
-6.25°	1	1	1	1	1	1	1	1	0	0	0
-7.5°	1	1	1	1	1	1	1	1	0	0	0
-8.75°	1	1	1	1	1	1	1	1	0	0	0
-10°	1	1	1	1	1	1	1	1	0	0	0
-11.25°	1	1	1	1	1	1	1	1	0	0	0
-12.5°	1	1	1	1	1	1	1	1	0	0	0
-13.75°	1	1	1	1	1	1	1	1	0	0	0
-15°	1	1	1	1	1	1	1	1	0	0	0
-16.25°	1	1	1	1	1	1	1	1	0	0	0
-17.5°	1	1	1	1	1	1	1	1	0	0	0
-18.75°	1	1	1	1	1	1	1	1	0	0	0
-20°	1	1	1	1	1	1	1	1	0	0	0
-21.25°	1	1	1	1	1	1	1	1	0	0	0





REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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	0	0	0
-23.75°	1	1	1	1	1	1	1	1	0	0	0
-25°	1	1	1	1	1	1	1	1	0	0	0
-26.25°	1	1	1	1	1	1	1	1	0	0	0
-27.5°	1	1	1	1	1	1	1	1	0	0	0
-28.75°	1	1	1	1	1	1	1	1	0	0	0
-30°	1	1	1	1	1	1	1	1	0	0	0
-31.25°	1	1	1	1	1	1	1	1	0	0	0
-32.5°	1	1	1	1	1	1	1	1	0	0	0
-33.75°	1	1	1	1	1	1	1	1	0	0	0
-35°	1	1	1	1	1	1	1	1	0	0	0
-36.25°	1	1	1	1	1	1	1	1	0	0	0
-37.5°	1	1	1	1	1	1	1	0	0	0	0
-38.75°	1	1	1	1	1	1	1	0	0	0	0
-40°	1	1	1	1	1	1	1	0	0	0	0
-41.25°	1	1	1	1	1	1	1	0	0	0	0
-42.5°	1	1	1	1	1	1	1	0	0	0	0
-43.75°	1	1	1	1	1	1	1	0	0	0	0
-45°	1	1	1	1	1	1	1	0	0	0	0
-46.25°	1	1	1	1	1	1	1	0	0	0	0
-47.5°	1	1	1	1	1	1	1	0	0	0	0
-48.75°	1	1	1	1	1	1	0	0	0	0	0
-50°	1	1	1	1	1	1	0	0	0	0	0
-51.25°	1	1	1	1	1	1	0	0	0	0	0
-52.5°	1	1	1	1	1	1	0	0	0	0	0
-53.75°	1	1	1	1	1	1	0	0	0	0	0
-55°	1	1	1	1	1	1	0	0	0	0	0
-56.25°	1	1	1	1	1	0	0	0	0	0	0
-57.5°	1	1	1	1	1	0	0	0	0	0	0
-58.75°	1	1	1	1	1	0	0	0	0	0	0
-60°	1	1	1	1	0	0	0	0	0	0	0
-61.25°	1	1	1	1	0	0	0	0	0	0	0
-62.5°	1	1	1	1	0	0	0	0	0	0	0
-63.75°	1	1	1	0	0	0	0	0	0	0	0
-65°	1	1	1	0	0	0	0	0	0	0	0
-66.25°	1	1	1	0	0	0	0	0	0	0	0
-67.5°	1	1	0	0	0	0	0	0	0	0	0
-68.75°	1	0	0	0	0	0	0	0	0	0	0
-70°	1	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-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: P220695 (CONVERTED FROM TYPE C PHOTOMETRY)

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