

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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
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-L2-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

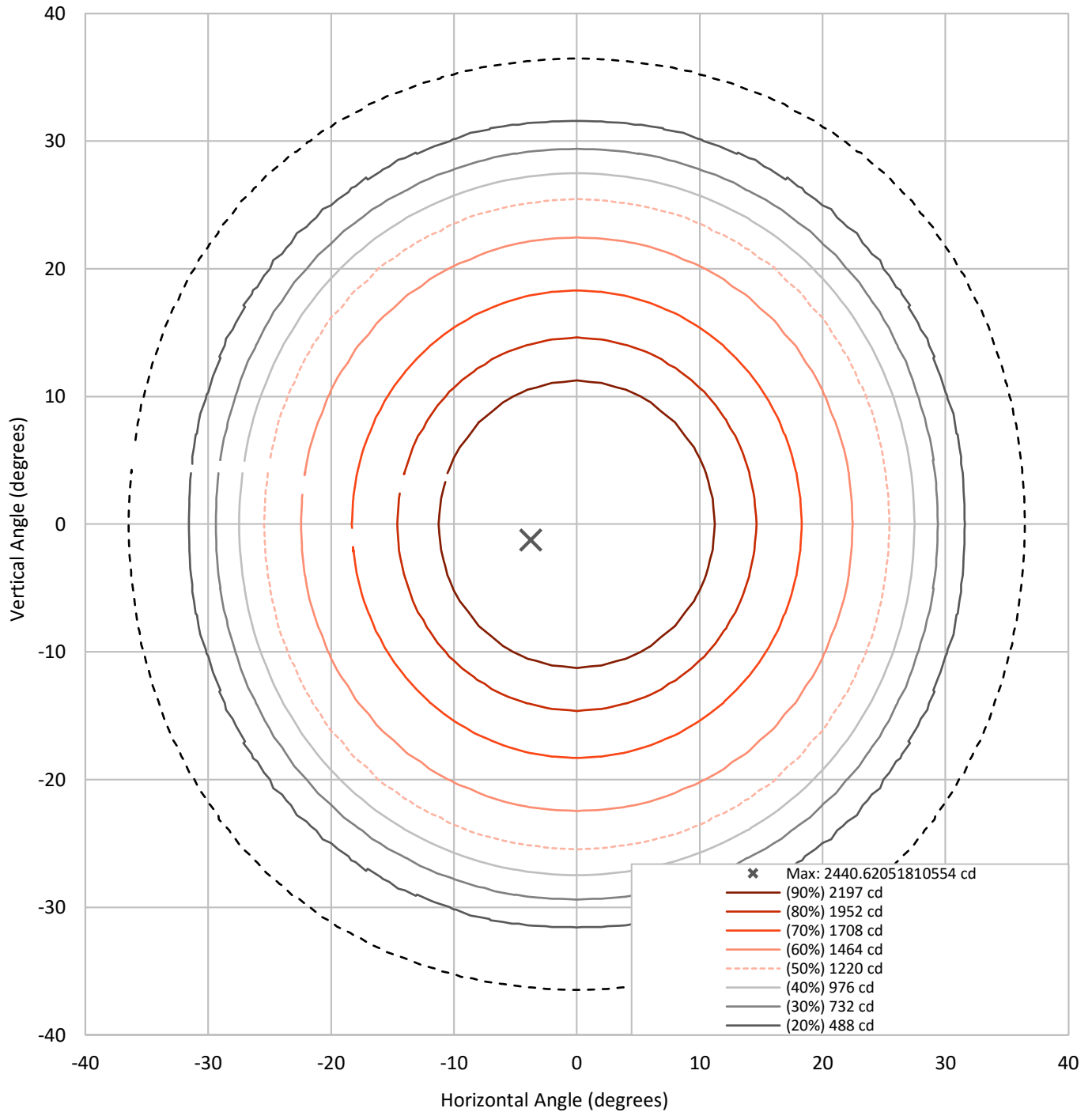
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	1628.6 lumens	Max Intensity:	2440.6 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	81.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	51°H x 50.5°V	Field Angle (10%):	72.8°H x 72.6°V
Beam Lumens:	1097 lumens	Field Lumens:	1463.1 lumens
Beam Efficiency:	67.4%	Field Efficiency:	89.8%

Input Watts (W): 20.1
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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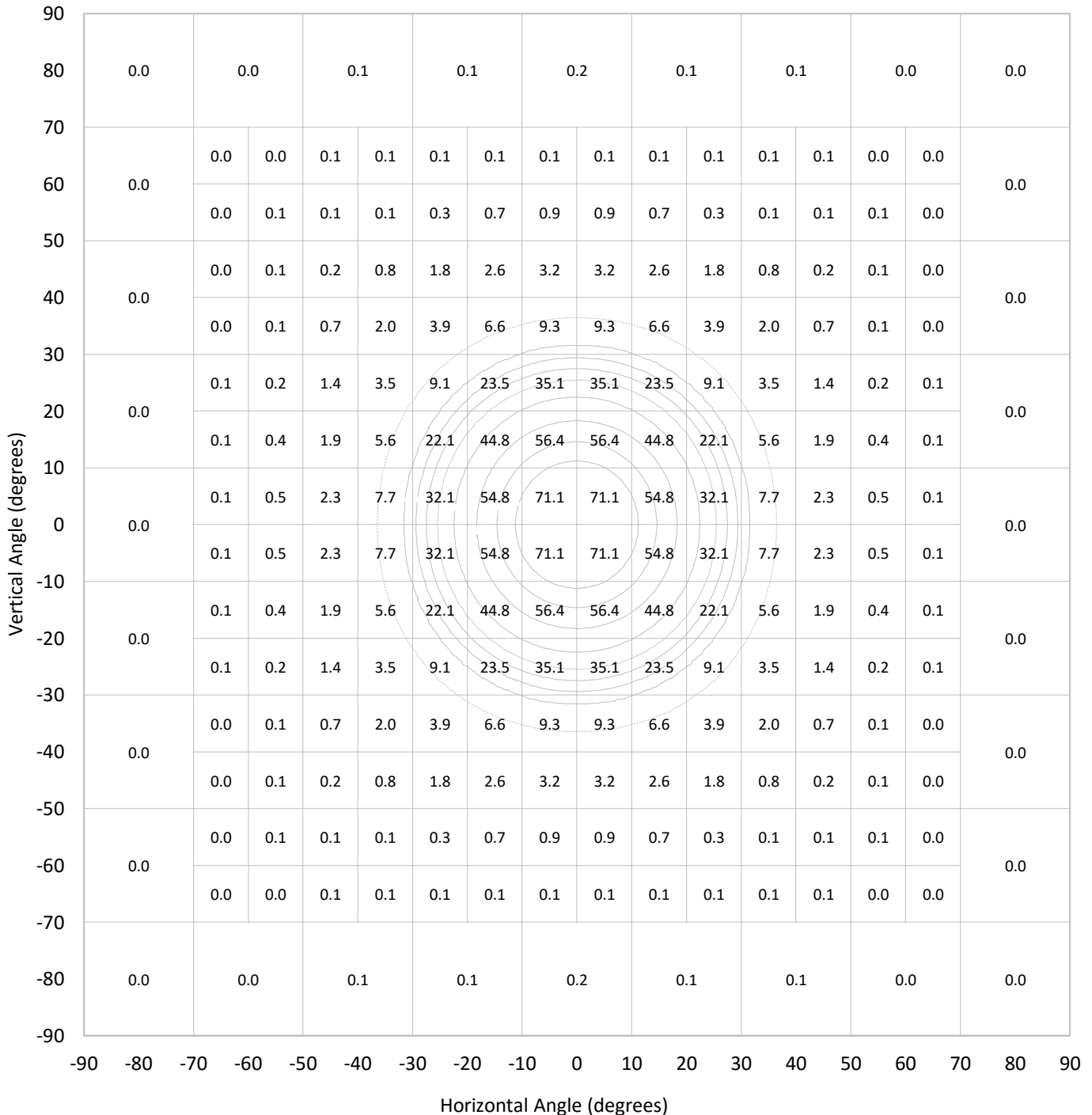
Iso-Candela Plot





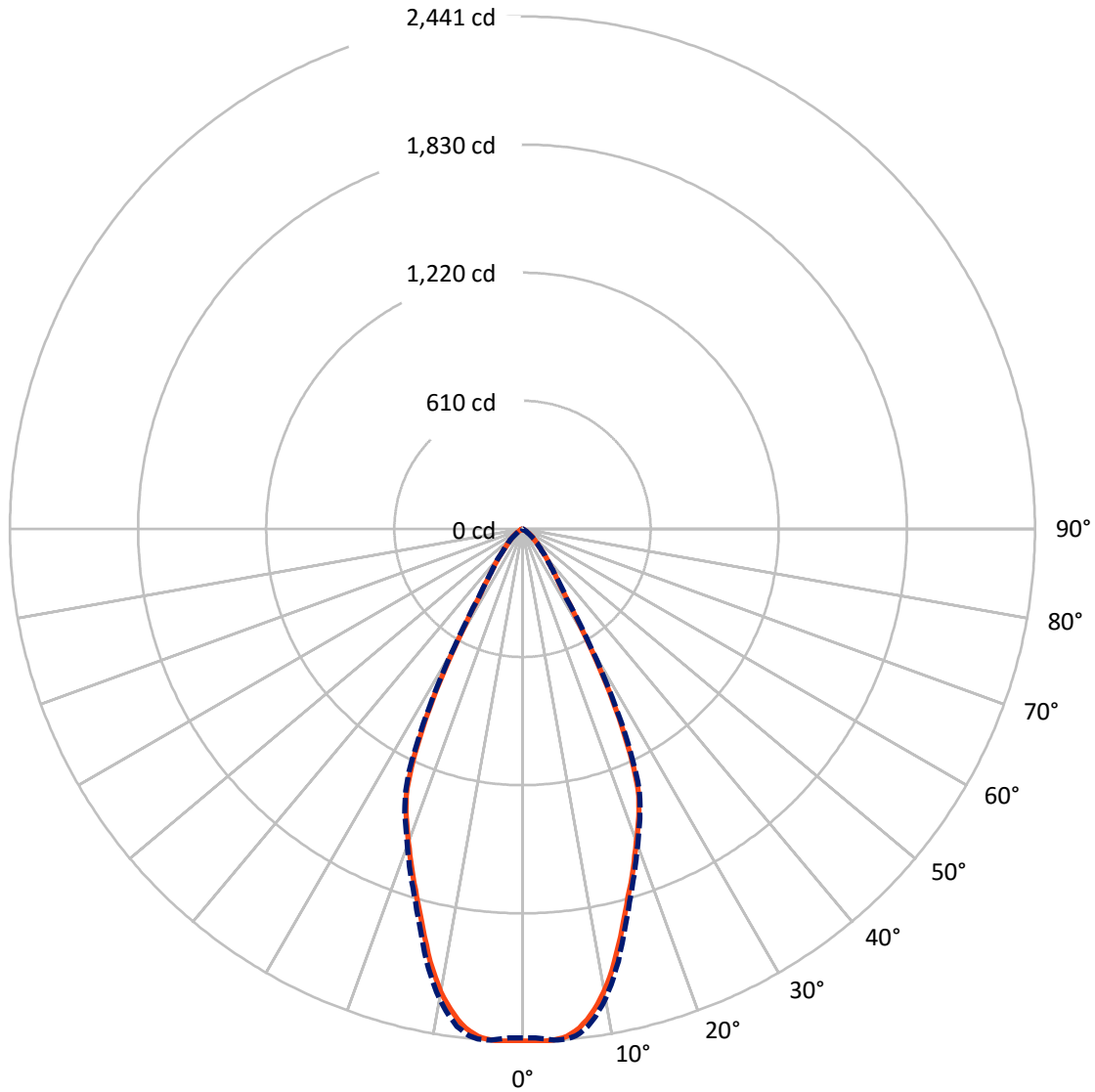
REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-UNV

Lumen Table



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
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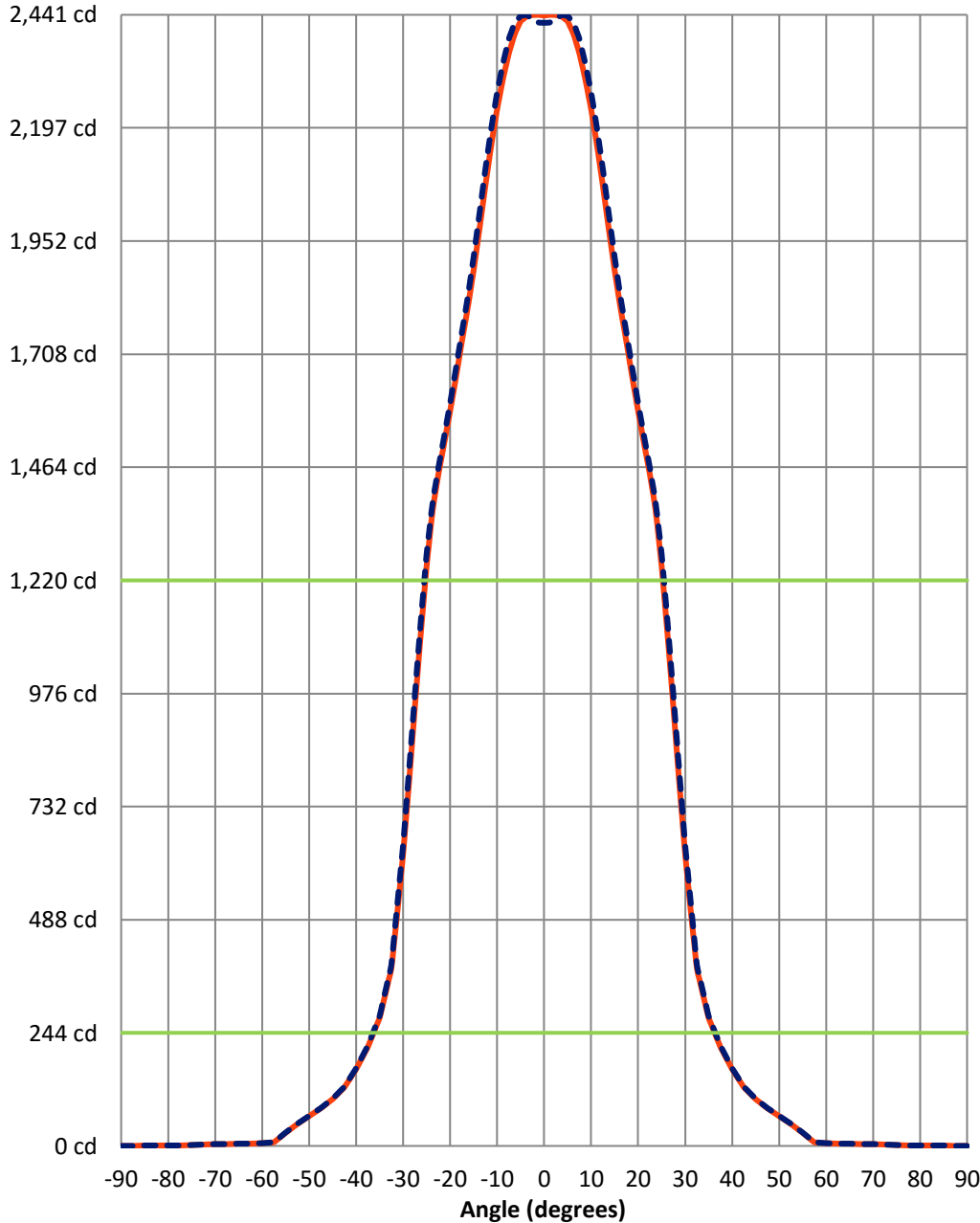
Luminous Intensity Polar Plot



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

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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 50.5°
 Lumens: 1097
 Efficiency: 67.4%

Field:
 H Angle: 72.8°
 V Angle: 72.6°
 Lumens: 1463.1
 Efficiency: 89.8%

Spill:
 Lumens: 165.5
 Efficiency: 10.2%

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



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-UNV

FIELD
BEAM

CANDELA DISTRIBUTION:

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



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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	1	1	1	1	1	1	1
32.5°	0	0	0	0	1	1	1	1	1	1	1
31.25°	0	0	0	0	1	1	1	1	1	1	1
30°	0	0	0	0	1	1	1	1	1	1	1
28.75°	0	0	0	0	1	1	1	1	1	1	1
27.5°	0	0	0	0	1	1	1	1	1	1	1
26.25°	0	0	0	0	1	1	1	1	1	1	1
25°	0	0	0	0	1	1	1	1	1	1	1
23.75°	0	0	0	0	1	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	1	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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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	1	1	1	1	1	1	1
-25°	0	0	0	0	1	1	1	1	1	1	1
-26.25°	0	0	0	0	1	1	1	1	1	1	1
-27.5°	0	0	0	0	1	1	1	1	1	1	1
-28.75°	0	0	0	0	1	1	1	1	1	1	1
-30°	0	0	0	0	1	1	1	1	1	1	1
-31.25°	0	0	0	0	1	1	1	1	1	1	1
-32.5°	0	0	0	0	1	1	1	1	1	1	1
-33.75°	0	0	0	0	1	1	1	1	1	1	1
-35°	0	0	0	0	1	1	1	1	1	1	1
-36.25°	0	0	0	0	1	1	1	1	1	1	1
-37.5°	0	0	0	0	1	1	1	1	1	1	1
-38.75°	0	0	0	0	1	1	1	1	1	1	1
-40°	0	0	0	0	1	1	1	1	1	1	1
-41.25°	0	0	0	0	1	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	1	1	1	1	1	1
-45°	0	0	0	0	0	1	1	1	1	1	1
-46.25°	0	0	0	0	0	1	1	1	1	1	1
-47.5°	0	0	0	0	0	1	1	1	1	1	1
-48.75°	0	0	0	0	0	1	1	1	1	1	1
-50°	0	0	0	0	0	1	1	1	1	1	1
-51.25°	0	0	0	0	0	1	1	1	1	1	1
-52.5°	0	0	0	0	0	1	1	1	1	1	1
-53.75°	0	0	0	0	0	0	1	1	1	1	1
-55°	0	0	0	0	0	0	1	1	1	1	1
-56.25°	0	0	0	0	0	0	1	1	1	1	1
-57.5°	0	0	0	0	0	0	1	1	1	1	1
-58.75°	0	0	0	0	0	0	1	1	1	1	1
-60°	0	0	0	0	0	0	0	1	1	1	1
-61.25°	0	0	0	0	0	0	0	1	1	1	1
-62.5°	0	0	0	0	0	0	0	1	1	1	1
-63.75°	0	0	0	0	0	0	0	1	1	1	1
-65°	0	0	0	0	0	0	0	0	1	1	1
-66.25°	0	0	0	0	0	0	0	0	1	1	1
-67.5°	0	0	0	0	0	0	0	0	1	1	1
-68.75°	0	0	0	0	0	0	0	0	0	1	1
-70°	0	0	0	0	0	0	0	0	0	1	1
-71.25°	0	0	0	0	0	0	0	0	0	0	1
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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	1
80°	0	0	0	0	0	0	0	1	1	1	1
78.75°	0	0	0	0	0	1	1	1	1	1	1
77.5°	0	0	0	0	1	1	1	1	1	1	1
76.25°	0	0	1	1	1	1	1	1	1	1	1
75°	0	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	2
55°	1	1	1	1	1	1	1	1	1	2	2
53.75°	1	1	1	1	1	1	1	1	2	2	2
52.5°	1	1	1	1	1	1	1	1	2	2	2
51.25°	1	1	1	1	1	1	1	2	2	2	2
50°	1	1	1	1	1	1	1	2	2	2	3
48.75°	1	1	1	1	1	1	2	2	2	2	3
47.5°	1	1	1	1	1	1	2	2	2	3	3
46.25°	1	1	1	1	1	1	2	2	2	3	3
45°	1	1	1	1	1	2	2	2	3	3	3
43.75°	1	1	1	1	1	2	2	2	3	3	3
42.5°	1	1	1	1	1	2	2	3	3	3	4
41.25°	1	1	1	1	2	2	2	3	3	3	4
40°	1	1	1	1	2	2	2	3	3	4	4
38.75°	1	1	1	1	2	2	3	3	3	4	4
37.5°	1	1	1	2	2	2	3	3	3	4	4
36.25°	1	1	1	2	2	2	3	3	4	4	4
35°	1	1	1	2	2	3	3	3	4	4	4



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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	2	2	3	3	3	4	4	4
32.5°	1	1	1	2	2	3	3	4	4	4	4
31.25°	1	1	2	2	2	3	3	4	4	4	4
30°	1	1	2	2	2	3	3	4	4	4	4
28.75°	1	1	2	2	3	3	3	4	4	4	4
27.5°	1	1	2	2	3	3	4	4	4	4	4
26.25°	1	1	2	2	3	3	4	4	4	4	4
25°	1	1	2	2	3	3	4	4	4	4	4
23.75°	1	1	2	2	3	3	4	4	4	4	5
22.5°	1	2	2	2	3	3	4	4	4	4	5
21.25°	1	2	2	3	3	3	4	4	4	4	5
20°	1	2	2	3	3	3	4	4	4	4	5
18.75°	1	2	2	3	3	4	4	4	4	4	5
17.5°	1	2	2	3	3	4	4	4	4	5	5
16.25°	1	2	2	3	3	4	4	4	4	5	5
15°	1	2	2	3	3	4	4	4	4	5	5
13.75°	1	2	2	3	3	4	4	4	4	5	5
12.5°	1	2	2	3	3	4	4	4	4	5	5
11.25°	1	2	2	3	3	4	4	4	4	5	5
10°	1	2	2	3	3	4	4	4	4	5	5
8.75°	1	2	2	3	3	4	4	4	4	5	5
7.5°	1	2	2	3	3	4	4	4	4	5	5
6.25°	1	2	2	3	3	4	4	4	4	5	5
5°	1	2	2	3	3	4	4	4	4	5	5
3.75°	1	2	2	3	3	4	4	4	4	5	5
2.5°	1	2	2	3	3	4	4	4	4	5	5
1.25°	1	2	2	3	3	4	4	4	4	5	5
0°	2	2	3	3	4	4	4	4	5	5	5
-1.25°	1	2	2	3	3	4	4	4	4	5	5
-2.5°	1	2	2	3	3	4	4	4	4	5	5
-3.75°	1	2	2	3	3	4	4	4	4	5	5
-5°	1	2	2	3	3	4	4	4	4	5	5
-6.25°	1	2	2	3	3	4	4	4	4	5	5
-7.5°	1	2	2	3	3	4	4	4	4	5	5
-8.75°	1	2	2	3	3	4	4	4	4	5	5
-10°	1	2	2	3	3	4	4	4	4	5	5
-11.25°	1	2	2	3	3	4	4	4	4	5	5
-12.5°	1	2	2	3	3	4	4	4	4	5	5
-13.75°	1	2	2	3	3	4	4	4	4	5	5
-15°	1	2	2	3	3	4	4	4	4	5	5
-16.25°	1	2	2	3	3	4	4	4	4	5	5
-17.5°	1	2	2	3	3	4	4	4	4	5	5
-18.75°	1	2	2	3	3	4	4	4	4	4	5
-20°	1	2	2	3	3	3	4	4	4	4	5
-21.25°	1	2	2	3	3	3	4	4	4	4	5



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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	2	2	2	3	3	4	4	4	4	5
-23.75°	1	1	2	2	3	3	4	4	4	4	5
-25°	1	1	2	2	3	3	4	4	4	4	4
-26.25°	1	1	2	2	3	3	4	4	4	4	4
-27.5°	1	1	2	2	3	3	4	4	4	4	4
-28.75°	1	1	2	2	3	3	3	4	4	4	4
-30°	1	1	2	2	2	3	3	4	4	4	4
-31.25°	1	1	2	2	2	3	3	4	4	4	4
-32.5°	1	1	1	2	2	3	3	4	4	4	4
-33.75°	1	1	1	2	2	3	3	3	4	4	4
-35°	1	1	1	2	2	3	3	3	4	4	4
-36.25°	1	1	1	2	2	2	3	3	4	4	4
-37.5°	1	1	1	2	2	2	3	3	3	4	4
-38.75°	1	1	1	1	2	2	3	3	3	4	4
-40°	1	1	1	1	2	2	2	3	3	4	4
-41.25°	1	1	1	1	2	2	2	3	3	3	4
-42.5°	1	1	1	1	1	2	2	3	3	3	4
-43.75°	1	1	1	1	1	2	2	2	3	3	3
-45°	1	1	1	1	1	2	2	2	3	3	3
-46.25°	1	1	1	1	1	1	2	2	2	3	3
-47.5°	1	1	1	1	1	1	2	2	2	3	3
-48.75°	1	1	1	1	1	1	2	2	2	2	3
-50°	1	1	1	1	1	1	1	2	2	2	3
-51.25°	1	1	1	1	1	1	1	2	2	2	2
-52.5°	1	1	1	1	1	1	1	1	2	2	2
-53.75°	1	1	1	1	1	1	1	1	2	2	2
-55°	1	1	1	1	1	1	1	1	1	2	2
-56.25°	1	1	1	1	1	1	1	1	1	1	2
-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	1
-75°	0	1	1	1	1	1	1	1	1	1	1
-76.25°	0	0	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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	1	1	1	1	1	1
-80°	0	0	0	0	0	0	0	1	1	1	1
-81.25°	0	0	0	0	0	0	0	0	0	0	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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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	1	1	1
82.5°	0	0	0	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	2	2
66.25°	1	1	1	1	1	1	1	2	2	2	2
65°	1	1	1	1	1	1	2	2	2	2	2
63.75°	1	1	1	1	1	2	2	2	2	2	3
62.5°	1	1	1	2	2	2	2	2	3	3	3
61.25°	1	1	2	2	2	2	2	3	3	3	3
60°	1	2	2	2	2	2	3	3	3	3	3
58.75°	2	2	2	2	2	3	3	3	3	4	4
57.5°	2	2	2	2	3	3	3	3	4	4	4
56.25°	2	2	2	3	3	3	3	4	4	4	4
55°	2	2	3	3	3	3	4	4	4	4	4
53.75°	2	3	3	3	3	4	4	4	4	4	4
52.5°	3	3	3	3	4	4	4	4	4	4	4
51.25°	3	3	3	4	4	4	4	4	4	4	4
50°	3	3	3	4	4	4	4	4	4	4	5
48.75°	3	3	4	4	4	4	4	4	4	5	5
47.5°	3	4	4	4	4	4	4	4	5	5	5
46.25°	3	4	4	4	4	4	4	5	5	5	5
45°	4	4	4	4	4	4	5	5	5	5	5
43.75°	4	4	4	4	4	4	5	5	5	5	5
42.5°	4	4	4	4	4	5	5	5	5	5	5
41.25°	4	4	4	4	5	5	5	5	5	5	6
40°	4	4	4	4	5	5	5	5	5	5	6
38.75°	4	4	4	5	5	5	5	5	5	6	6
37.5°	4	4	4	5	5	5	5	5	6	6	7
36.25°	4	4	5	5	5	5	5	5	6	6	7
35°	4	4	5	5	5	5	5	6	6	7	7



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	4	4	5	5	5	5	5	6	6	7	8
32.5°	4	5	5	5	5	5	6	6	7	7	11
31.25°	4	5	5	5	5	5	6	6	7	8	15
30°	4	5	5	5	5	6	6	7	7	11	19
28.75°	5	5	5	5	5	6	6	7	8	15	23
27.5°	5	5	5	5	5	6	6	7	10	18	27
26.25°	5	5	5	5	6	6	7	8	13	22	31
25°	5	5	5	5	6	6	7	8	16	25	34
23.75°	5	5	5	5	6	6	7	10	19	29	37
22.5°	5	5	5	5	6	7	8	13	22	32	40
21.25°	5	5	5	6	6	7	8	16	25	34	43
20°	5	5	5	6	6	7	9	19	28	37	45
18.75°	5	5	5	6	6	7	11	21	31	39	48
17.5°	5	5	5	6	7	8	14	23	33	42	50
16.25°	5	5	5	6	7	8	16	26	35	44	52
15°	5	5	6	6	7	8	18	28	37	46	54
13.75°	5	5	6	6	7	9	19	29	39	48	56
12.5°	5	5	6	6	7	11	21	31	40	49	57
11.25°	5	5	6	6	7	12	23	32	42	51	59
10°	5	5	6	7	8	14	24	34	43	52	60
8.75°	5	5	6	7	8	15	25	35	44	53	61
7.5°	5	5	6	7	8	16	26	36	45	54	62
6.25°	5	5	6	7	8	17	27	37	46	55	63
5°	5	5	6	7	8	17	28	37	47	55	64
3.75°	5	5	6	7	8	18	28	38	47	56	64
2.5°	5	5	6	7	8	18	29	38	48	56	65
1.25°	5	5	6	7	8	18	29	38	48	56	65
0°	5	6	6	7	8	19	29	38	48	57	65
-1.25°	5	5	6	7	8	18	29	38	48	56	65
-2.5°	5	5	6	7	8	18	29	38	48	56	65
-3.75°	5	5	6	7	8	18	28	38	47	56	64
-5°	5	5	6	7	8	17	28	37	47	55	64
-6.25°	5	5	6	7	8	17	27	37	46	55	63
-7.5°	5	5	6	7	8	16	26	36	45	54	62
-8.75°	5	5	6	7	8	15	25	35	44	53	61
-10°	5	5	6	7	8	14	24	34	43	52	60
-11.25°	5	5	6	6	7	12	23	32	42	51	59
-12.5°	5	5	6	6	7	11	21	31	40	49	57
-13.75°	5	5	6	6	7	9	19	29	39	48	56
-15°	5	5	6	6	7	8	18	28	37	46	54
-16.25°	5	5	5	6	7	8	16	26	35	44	52
-17.5°	5	5	5	6	7	8	14	23	33	42	50
-18.75°	5	5	5	6	6	7	11	21	31	39	48
-20°	5	5	5	6	6	7	9	19	28	37	45
-21.25°	5	5	5	6	6	7	8	16	25	34	43



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	5	5	5	5	6	7	8	13	22	32	40
-23.75°	5	5	5	5	6	6	7	10	19	29	37
-25°	5	5	5	5	6	6	7	8	16	25	34
-26.25°	5	5	5	5	6	6	7	8	13	22	31
-27.5°	5	5	5	5	5	6	6	7	10	18	27
-28.75°	5	5	5	5	5	6	6	7	8	15	23
-30°	4	5	5	5	5	6	6	7	7	11	19
-31.25°	4	5	5	5	5	5	6	6	7	8	15
-32.5°	4	5	5	5	5	5	6	6	7	7	11
-33.75°	4	4	5	5	5	5	5	6	6	7	8
-35°	4	4	5	5	5	5	5	6	6	7	7
-36.25°	4	4	5	5	5	5	5	5	6	6	7
-37.5°	4	4	4	5	5	5	5	5	6	6	7
-38.75°	4	4	4	5	5	5	5	5	5	6	6
-40°	4	4	4	4	5	5	5	5	5	5	6
-41.25°	4	4	4	4	5	5	5	5	5	5	6
-42.5°	4	4	4	4	4	5	5	5	5	5	5
-43.75°	4	4	4	4	4	4	5	5	5	5	5
-45°	4	4	4	4	4	4	5	5	5	5	5
-46.25°	3	4	4	4	4	4	4	5	5	5	5
-47.5°	3	4	4	4	4	4	4	4	5	5	5
-48.75°	3	3	4	4	4	4	4	4	4	5	5
-50°	3	3	3	4	4	4	4	4	4	4	5
-51.25°	3	3	3	4	4	4	4	4	4	4	4
-52.5°	3	3	3	3	4	4	4	4	4	4	4
-53.75°	2	3	3	3	3	4	4	4	4	4	4
-55°	2	2	3	3	3	3	4	4	4	4	4
-56.25°	2	2	2	3	3	3	3	4	4	4	4
-57.5°	2	2	2	2	3	3	3	3	4	4	4
-58.75°	2	2	2	2	2	3	3	3	3	4	4
-60°	1	2	2	2	2	2	3	3	3	3	3
-61.25°	1	1	2	2	2	2	2	3	3	3	3
-62.5°	1	1	1	2	2	2	2	2	3	3	3
-63.75°	1	1	1	1	1	2	2	2	2	2	3
-65°	1	1	1	1	1	1	2	2	2	2	2
-66.25°	1	1	1	1	1	1	1	2	2	2	2
-67.5°	1	1	1	1	1	1	1	1	1	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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	0	0	0	1	1	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	0	0	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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	2	2
71.25°	1	1	1	1	1	1	2	2	2	2	2
70°	1	1	1	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	3	3	3
67.5°	2	2	2	2	2	3	3	3	3	3	3
66.25°	2	2	2	3	3	3	3	3	3	3	4
65°	2	3	3	3	3	3	3	4	4	4	4
63.75°	3	3	3	3	3	4	4	4	4	4	4
62.5°	3	3	3	4	4	4	4	4	4	4	4
61.25°	3	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	5
58.75°	4	4	4	4	4	4	4	4	5	5	5
57.5°	4	4	4	4	4	4	5	5	5	5	5
56.25°	4	4	4	4	4	5	5	5	5	5	5
55°	4	4	4	5	5	5	5	5	5	5	5
53.75°	4	4	5	5	5	5	5	5	5	5	5
52.5°	4	5	5	5	5	5	5	5	5	6	6
51.25°	5	5	5	5	5	5	5	5	6	6	6
50°	5	5	5	5	5	5	6	6	6	7	7
48.75°	5	5	5	5	5	6	6	6	7	7	8
47.5°	5	5	5	5	6	6	6	7	7	8	12
46.25°	5	5	5	6	6	7	7	8	9	14	20
45°	5	5	6	6	7	7	8	11	16	22	27
43.75°	5	6	6	7	7	8	11	17	23	29	34
42.5°	6	6	7	7	8	12	18	24	30	35	40
41.25°	6	6	7	8	11	18	24	30	36	41	47
40°	6	7	8	11	17	24	30	36	42	47	52
38.75°	7	7	9	16	23	30	36	42	48	53	58
37.5°	7	8	14	22	29	35	41	47	53	58	63
36.25°	8	12	20	27	34	40	47	52	58	63	69
35°	10	17	25	32	39	45	52	57	63	69	74



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	14	22	30	37	44	50	56	62	68	74	79
32.5°	19	27	34	41	48	54	61	67	73	79	85
31.25°	23	31	38	46	52	59	65	71	77	84	91
30°	27	35	43	50	56	63	69	76	82	89	96
28.75°	31	39	47	54	60	67	73	80	87	95	102
27.5°	35	43	50	57	64	71	77	84	92	100	109
26.25°	39	46	54	61	68	74	81	89	97	106	116
25°	42	50	57	64	71	78	86	94	102	112	122
23.75°	45	53	60	67	74	82	90	98	108	118	129
22.5°	48	56	63	70	78	85	94	103	113	124	139
21.25°	51	58	66	73	81	89	98	108	119	131	148
20°	53	61	69	76	84	93	102	113	124	139	156
18.75°	56	63	71	79	87	96	106	118	130	147	165
17.5°	58	66	74	81	90	99	110	122	137	155	173
16.25°	60	68	76	84	93	103	115	126	144	162	182
15°	62	70	78	87	96	106	118	132	150	168	191
13.75°	64	72	80	89	98	110	122	137	156	176	199
12.5°	65	74	82	91	101	113	125	143	161	183	206
11.25°	67	75	84	93	103	116	128	147	166	189	213
10°	68	77	85	95	106	118	132	152	171	195	219
8.75°	70	78	87	97	108	120	136	155	176	200	226
7.5°	71	79	88	98	110	122	139	159	181	205	232
6.25°	71	80	89	99	111	124	142	162	184	208	237
5°	72	81	90	100	113	126	144	164	187	211	241
3.75°	73	81	91	101	114	127	146	166	190	214	245
2.5°	73	82	92	102	114	127	147	167	191	216	247
1.25°	73	82	92	102	115	128	148	168	192	217	249
0°	74	82	92	102	115	128	148	168	193	217	249
-1.25°	73	82	92	102	115	128	148	168	192	217	249
-2.5°	73	82	92	102	114	127	147	167	191	216	247
-3.75°	73	81	91	101	114	127	146	166	190	214	245
-5°	72	81	90	100	113	126	144	164	187	211	241
-6.25°	71	80	89	99	111	124	142	162	184	208	237
-7.5°	71	79	88	98	110	122	139	159	181	205	232
-8.75°	70	78	87	97	108	120	136	155	176	200	226
-10°	68	77	85	95	106	118	132	152	171	195	219
-11.25°	67	75	84	93	103	116	128	147	166	189	213
-12.5°	65	74	82	91	101	113	125	143	161	183	206
-13.75°	64	72	80	89	98	110	122	137	156	176	199
-15°	62	70	78	87	96	106	118	132	150	168	191
-16.25°	60	68	76	84	93	103	115	126	144	162	182
-17.5°	58	66	74	81	90	99	110	122	137	155	173
-18.75°	56	63	71	79	87	96	106	118	130	147	165
-20°	53	61	69	76	84	93	102	113	124	139	156
-21.25°	51	58	66	73	81	89	98	108	119	131	148



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	48	56	63	70	78	85	94	103	113	124	139
-23.75°	45	53	60	67	74	82	90	98	108	118	129
-25°	42	50	57	64	71	78	86	94	102	112	122
-26.25°	39	46	54	61	68	74	81	89	97	106	116
-27.5°	35	43	50	57	64	71	77	84	92	100	109
-28.75°	31	39	47	54	60	67	73	80	87	95	102
-30°	27	35	43	50	56	63	69	76	82	89	96
-31.25°	23	31	38	46	52	59	65	71	77	84	91
-32.5°	19	27	34	41	48	54	61	67	73	79	85
-33.75°	14	22	30	37	44	50	56	62	68	74	79
-35°	10	17	25	32	39	45	52	57	63	69	74
-36.25°	8	12	20	27	34	40	47	52	58	63	69
-37.5°	7	8	14	22	29	35	41	47	53	58	63
-38.75°	7	7	9	16	23	30	36	42	48	53	58
-40°	6	7	8	11	17	24	30	36	42	47	52
-41.25°	6	6	7	8	11	18	24	30	36	41	47
-42.5°	6	6	7	7	8	12	18	24	30	35	40
-43.75°	5	6	6	7	7	8	11	17	23	29	34
-45°	5	5	6	6	7	7	8	11	16	22	27
-46.25°	5	5	5	6	6	7	7	8	9	14	20
-47.5°	5	5	5	5	6	6	6	7	7	8	12
-48.75°	5	5	5	5	5	6	6	6	7	7	8
-50°	5	5	5	5	5	5	6	6	6	7	7
-51.25°	5	5	5	5	5	5	5	5	6	6	6
-52.5°	4	5	5	5	5	5	5	5	5	6	6
-53.75°	4	4	5	5	5	5	5	5	5	5	5
-55°	4	4	4	5	5	5	5	5	5	5	5
-56.25°	4	4	4	4	4	5	5	5	5	5	5
-57.5°	4	4	4	4	4	4	5	5	5	5	5
-58.75°	4	4	4	4	4	4	4	4	5	5	5
-60°	4	4	4	4	4	4	4	4	4	4	5
-61.25°	3	4	4	4	4	4	4	4	4	4	4
-62.5°	3	3	3	4	4	4	4	4	4	4	4
-63.75°	3	3	3	3	3	4	4	4	4	4	4
-65°	2	3	3	3	3	3	3	4	4	4	4
-66.25°	2	2	2	3	3	3	3	3	3	3	4
-67.5°	2	2	2	2	2	3	3	3	3	3	3
-68.75°	2	2	2	2	2	2	2	2	3	3	3
-70°	1	1	1	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	2	2	2	2	2
-72.5°	1	1	1	1	1	1	1	1	1	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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	1	1	1	1	1	1	1	1	1	1	1
-85°	0	0	0	0	0	0	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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	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	2
73.75°	1	1	1	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	4	4	4	4	4
67.5°	3	3	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	5	5
62.5°	4	4	4	4	4	5	5	5	5	5	5
61.25°	4	4	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	5	5	6	6	6	6
56.25°	5	5	5	5	6	6	6	6	6	6	7
55°	5	5	6	6	6	6	6	7	7	7	8
53.75°	6	6	6	6	7	7	7	8	8	10	13
52.5°	6	6	7	7	7	8	10	13	16	19	22
51.25°	7	7	7	8	11	15	18	22	25	29	32
50°	7	8	11	15	19	23	27	31	34	37	40
48.75°	10	14	19	23	27	31	35	39	42	45	48
47.5°	17	22	27	31	35	39	43	46	50	53	56
46.25°	25	30	34	38	43	47	50	54	57	60	63
45°	32	37	41	46	50	54	57	61	64	67	70
43.75°	39	44	48	52	56	60	64	68	71	74	78
42.5°	45	50	54	59	63	67	71	74	78	82	85
41.25°	52	56	61	65	69	73	77	81	86	90	94
40°	57	62	67	71	76	80	84	89	94	98	103
38.75°	63	68	73	77	82	87	92	97	102	108	113
37.5°	69	74	79	84	89	95	100	106	112	118	124
36.25°	74	79	85	91	96	102	109	116	122	129	139
35°	80	85	92	98	104	111	119	126	135	145	155



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	155	172	191	211	233	258	283	323	364	417	507
-23.75°	145	161	178	197	216	239	263	289	328	366	417
-25°	135	150	166	183	202	220	243	265	291	328	364
-26.25°	126	140	154	169	187	204	222	244	265	289	323
-27.5°	119	128	143	157	172	189	205	222	243	263	283
-28.75°	111	121	131	145	158	173	189	204	220	239	258
-30°	104	113	122	132	145	158	172	187	202	216	233
-31.25°	98	105	114	122	132	145	157	169	183	197	211
-32.5°	92	98	106	114	122	131	143	154	166	178	191
-33.75°	85	92	98	105	113	121	128	140	150	161	172
-35°	80	85	92	98	104	111	119	126	135	145	155
-36.25°	74	79	85	91	96	102	109	116	122	129	139
-37.5°	69	74	79	84	89	95	100	106	112	118	124
-38.75°	63	68	73	77	82	87	92	97	102	108	113
-40°	57	62	67	71	76	80	84	89	94	98	103
-41.25°	52	56	61	65	69	73	77	81	86	90	94
-42.5°	45	50	54	59	63	67	71	74	78	82	85
-43.75°	39	44	48	52	56	60	64	68	71	74	78
-45°	32	37	41	46	50	54	57	61	64	67	70
-46.25°	25	30	34	38	43	47	50	54	57	60	63
-47.5°	17	22	27	31	35	39	43	46	50	53	56
-48.75°	10	14	19	23	27	31	35	39	42	45	48
-50°	7	8	11	15	19	23	27	31	34	37	40
-51.25°	7	7	7	8	11	15	18	22	25	29	32
-52.5°	6	6	7	7	7	8	10	13	16	19	22
-53.75°	6	6	6	6	7	7	7	8	8	10	13
-55°	5	5	6	6	6	6	6	7	7	7	8
-56.25°	5	5	5	5	6	6	6	6	6	6	7
-57.5°	5	5	5	5	5	5	5	6	6	6	6
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	4	4	5	5	5	5	5	5	5	5	5
-62.5°	4	4	4	4	4	5	5	5	5	5	5
-63.75°	4	4	4	4	4	4	4	4	4	5	5
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	3	3	4	4	4	4	4	4	4	4	4
-68.75°	3	3	3	3	3	3	4	4	4	4	4
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	2	2	2	2	2	3	3	3	3	3	3
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	1	1	1	2	2	2	2	2	2	2	2
-75°	1	1	1	1	1	1	1	1	1	1	2
-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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	3	3	3	3	3	3	3	3	3	3	3
71.25°	3	3	3	3	3	3	3	3	3	3	3
70°	3	3	4	4	4	4	4	4	4	4	4
68.75°	4	4	4	4	4	4	4	4	4	4	4
67.5°	4	4	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	5	5	5	5	5	5	5	5
63.75°	5	5	5	5	5	5	5	5	5	5	5
62.5°	5	5	5	5	5	5	5	5	5	5	5
61.25°	5	5	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	6	6	6	6	6	6
58.75°	6	6	6	6	6	6	6	6	6	7	7
57.5°	6	6	6	7	7	7	7	7	7	8	8
56.25°	7	7	7	8	8	8	9	11	12	14	15
55°	8	9	11	14	16	18	19	21	23	24	25
53.75°	16	19	21	23	26	28	29	31	32	34	35
52.5°	25	28	31	33	35	37	39	40	42	43	44
51.25°	34	37	39	42	44	46	48	49	51	52	53
50°	43	45	48	50	52	54	56	57	59	60	61
48.75°	51	53	56	58	60	62	64	65	67	68	70
47.5°	58	61	63	66	68	70	72	74	75	77	78
46.25°	66	69	71	74	76	78	80	82	84	85	87
45°	73	76	79	81	84	87	89	91	93	95	97
43.75°	81	84	87	90	93	96	98	101	103	106	108
42.5°	89	93	96	99	103	106	110	113	116	118	120
41.25°	98	102	106	110	115	118	122	125	128	132	136
40°	108	113	118	122	126	132	137	143	147	152	155
38.75°	119	124	130	137	144	150	156	161	166	171	176
37.5°	131	139	147	155	162	168	176	183	189	195	200
36.25°	148	156	165	173	182	191	199	206	213	219	226
35°	164	174	185	195	204	213	223	232	242	250	257



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	184	195	206	216	229	241	252	262	272	280	293
32.5°	204	215	230	244	257	270	281	300	317	332	346
31.25°	225	241	257	271	288	311	332	351	369	385	410
30°	251	267	285	311	336	360	382	416	459	499	534
28.75°	276	302	331	358	384	431	485	534	580	622	660
27.5°	315	346	376	421	484	544	600	653	711	764	812
26.25°	357	389	458	528	594	657	729	796	859	917	968
25°	406	485	561	633	713	793	870	942	1008	1067	1118
23.75°	501	583	663	755	845	931	1011	1084	1150	1206	1256
22.5°	594	684	784	883	977	1065	1145	1215	1278	1326	1369
21.25°	691	798	906	1008	1102	1189	1265	1327	1379	1413	1443
20°	798	913	1023	1125	1217	1298	1364	1409	1447	1477	1506
18.75°	906	1023	1133	1232	1316	1384	1431	1470	1505	1539	1569
17.5°	1008	1125	1232	1323	1393	1444	1485	1526	1565	1601	1635
16.25°	1102	1217	1316	1393	1447	1493	1539	1582	1624	1664	1703
15°	1189	1298	1384	1444	1493	1543	1591	1639	1686	1731	1769
13.75°	1265	1364	1431	1485	1539	1591	1644	1697	1747	1790	1834
12.5°	1327	1409	1470	1526	1582	1639	1697	1752	1802	1853	1906
11.25°	1379	1447	1505	1565	1624	1686	1747	1802	1860	1921	1981
10°	1413	1477	1539	1601	1664	1731	1790	1853	1921	1989	2055
8.75°	1443	1506	1569	1635	1703	1769	1834	1906	1981	2055	2124
7.5°	1466	1531	1597	1665	1737	1804	1877	1956	2036	2114	2183
6.25°	1486	1553	1621	1694	1765	1836	1916	2001	2086	2165	2233
5°	1503	1571	1642	1718	1788	1865	1951	2040	2128	2206	2274
3.75°	1516	1586	1659	1736	1808	1890	1979	2072	2160	2237	2303
2.5°	1526	1596	1671	1748	1823	1907	1999	2094	2182	2259	2324
1.25°	1532	1603	1678	1755	1831	1918	2012	2108	2196	2273	2336
0°	1534	1605	1681	1758	1834	1922	2017	2113	2200	2278	2341
-1.25°	1532	1603	1678	1755	1831	1918	2012	2108	2196	2273	2336
-2.5°	1526	1596	1671	1748	1823	1907	1999	2094	2182	2259	2324
-3.75°	1516	1586	1659	1736	1808	1890	1979	2072	2160	2237	2303
-5°	1503	1571	1642	1718	1788	1865	1951	2040	2128	2206	2274
-6.25°	1486	1553	1621	1694	1765	1836	1916	2001	2086	2165	2233
-7.5°	1466	1531	1597	1665	1737	1804	1877	1956	2036	2114	2183
-8.75°	1443	1506	1569	1635	1703	1769	1834	1906	1981	2055	2124
-10°	1413	1477	1539	1601	1664	1731	1790	1853	1921	1989	2055
-11.25°	1379	1447	1505	1565	1624	1686	1747	1802	1860	1921	1981
-12.5°	1327	1409	1470	1526	1582	1639	1697	1752	1802	1853	1906
-13.75°	1265	1364	1431	1485	1539	1591	1644	1697	1747	1790	1834
-15°	1189	1298	1384	1444	1493	1543	1591	1639	1686	1731	1769
-16.25°	1102	1217	1316	1393	1447	1493	1539	1582	1624	1664	1703
-17.5°	1008	1125	1232	1323	1393	1444	1485	1526	1565	1601	1635
-18.75°	906	1023	1133	1232	1316	1384	1431	1470	1505	1539	1569
-20°	798	913	1023	1125	1217	1298	1364	1409	1447	1477	1506
-21.25°	691	798	906	1008	1102	1189	1265	1327	1379	1413	1443



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	594	684	784	883	977	1065	1145	1215	1278	1326	1369
-23.75°	501	583	663	755	845	931	1011	1084	1150	1206	1256
-25°	406	485	561	633	713	793	870	942	1008	1067	1118
-26.25°	357	389	458	528	594	657	729	796	859	917	968
-27.5°	315	346	376	421	484	544	600	653	711	764	812
-28.75°	276	302	331	358	384	431	485	534	580	622	660
-30°	251	267	285	311	336	360	382	416	459	499	534
-31.25°	225	241	257	271	288	311	332	351	369	385	410
-32.5°	204	215	230	244	257	270	281	300	317	332	346
-33.75°	184	195	206	216	229	241	252	262	272	280	293
-35°	164	174	185	195	204	213	223	232	242	250	257
-36.25°	148	156	165	173	182	191	199	206	213	219	226
-37.5°	131	139	147	155	162	168	176	183	189	195	200
-38.75°	119	124	130	137	144	150	156	161	166	171	176
-40°	108	113	118	122	126	132	137	143	147	152	155
-41.25°	98	102	106	110	115	118	122	125	128	132	136
-42.5°	89	93	96	99	103	106	110	113	116	118	120
-43.75°	81	84	87	90	93	96	98	101	103	106	108
-45°	73	76	79	81	84	87	89	91	93	95	97
-46.25°	66	69	71	74	76	78	80	82	84	85	87
-47.5°	58	61	63	66	68	70	72	74	75	77	78
-48.75°	51	53	56	58	60	62	64	65	67	68	70
-50°	43	45	48	50	52	54	56	57	59	60	61
-51.25°	34	37	39	42	44	46	48	49	51	52	53
-52.5°	25	28	31	33	35	37	39	40	42	43	44
-53.75°	16	19	21	23	26	28	29	31	32	34	35
-55°	8	9	11	14	16	18	19	21	23	24	25
-56.25°	7	7	7	8	8	8	9	11	12	14	15
-57.5°	6	6	6	7	7	7	7	7	7	8	8
-58.75°	6	6	6	6	6	6	6	6	6	7	7
-60°	5	5	5	5	5	6	6	6	6	6	6
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-62.5°	5	5	5	5	5	5	5	5	5	5	5
-63.75°	5	5	5	5	5	5	5	5	5	5	5
-65°	4	4	4	5	5	5	5	5	5	5	5
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	4	4	4	4	4	4	4	4	4	4	4
-68.75°	4	4	4	4	4	4	4	4	4	4	4
-70°	3	3	4	4	4	4	4	4	4	4	4
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-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



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CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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	1	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	2	1	1	1	1
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	3	2	2	2	2
72.5°	3	3	3	3	3	3	3	3	3	3	3
71.25°	3	3	3	3	3	3	4	3	3	3	3
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	4	4	4	4	4	4	4	4	4	4	4
67.5°	4	4	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	5	4	4	4	4
65°	5	5	5	5	5	5	5	5	5	5	5
63.75°	5	5	5	5	5	5	5	5	5	5	5
62.5°	5	5	5	5	5	5	5	5	5	5	5
61.25°	5	5	5	5	5	5	6	5	5	5	5
60°	6	6	6	6	6	6	6	6	6	6	6
58.75°	7	7	7	7	7	7	7	7	7	7	7
57.5°	8	8	8	8	8	8	8	8	8	8	8
56.25°	16	17	17	18	18	18	19	18	18	18	17
55°	26	27	28	28	29	29	29	29	29	28	28
53.75°	36	37	37	38	38	38	38	38	38	38	37
52.5°	45	46	47	47	48	48	48	48	48	47	47
51.25°	54	55	55	56	56	56	57	56	56	56	55
50°	62	63	64	64	65	65	65	65	65	64	64
48.75°	71	71	72	73	73	73	74	73	73	73	72
47.5°	79	80	81	81	82	82	82	82	82	81	81
46.25°	88	89	90	91	92	92	92	92	92	91	90
45°	98	99	100	101	102	102	102	102	102	101	100
43.75°	110	111	113	114	114	115	115	115	114	114	113
42.5°	122	124	126	127	127	128	128	128	127	127	126
41.25°	139	142	144	146	147	148	148	148	147	146	144
40°	159	162	164	166	167	168	168	168	167	166	164
38.75°	181	184	187	190	191	192	193	192	191	190	187
37.5°	205	208	211	214	216	217	217	217	216	214	211
36.25°	232	237	241	245	247	249	249	249	247	245	241
35°	263	269	273	277	279	281	281	281	279	277	273



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	304	314	322	328	333	336	337	336	333	328	322
32.5°	358	368	377	383	388	391	392	391	388	383	377
31.25°	439	464	485	501	513	520	523	520	513	501	485
30°	565	592	614	631	643	651	653	651	643	631	614
28.75°	700	734	762	784	800	810	813	810	800	784	762
27.5°	856	893	923	947	964	974	978	974	964	947	923
26.25°	1013	1051	1082	1105	1122	1133	1136	1133	1122	1105	1082
25°	1163	1199	1228	1251	1268	1278	1281	1278	1268	1251	1228
23.75°	1296	1326	1352	1371	1382	1388	1390	1388	1382	1371	1352
22.5°	1396	1418	1437	1449	1458	1463	1465	1463	1458	1449	1437
21.25°	1466	1486	1503	1516	1526	1532	1534	1532	1526	1516	1503
20°	1531	1553	1571	1586	1596	1603	1605	1603	1596	1586	1571
18.75°	1597	1621	1642	1659	1671	1678	1681	1678	1671	1659	1642
17.5°	1665	1694	1718	1736	1748	1755	1758	1755	1748	1736	1718
16.25°	1737	1765	1788	1808	1823	1831	1834	1831	1823	1808	1788
15°	1804	1836	1865	1890	1907	1918	1922	1918	1907	1890	1865
13.75°	1877	1916	1951	1979	1999	2012	2017	2012	1999	1979	1951
12.5°	1956	2001	2040	2072	2094	2108	2113	2108	2094	2072	2040
11.25°	2036	2086	2128	2160	2182	2196	2200	2196	2182	2160	2128
10°	2114	2165	2206	2237	2259	2273	2278	2273	2259	2237	2206
8.75°	2183	2233	2274	2303	2324	2336	2341	2336	2324	2303	2274
7.5°	2242	2291	2329	2357	2378	2389	2393	2389	2378	2357	2329
6.25°	2291	2337	2375	2400	2416	2424	2427	2424	2416	2400	2375
5°	2329	2375	2408	2427	2435	2438	2439	2438	2435	2427	2408
3.75°	2357	2400	2427	2437	2440	2441	2439	2441	2440	2437	2427
2.5°	2378	2416	2435	2440	2437	2431	2429	2431	2437	2440	2435
1.25°	2389	2424	2438	2441	2431	2424	2423	2424	2431	2441	2438
0°	2393	2427	2439	2439	2429	2423	2430	2423	2429	2439	2439
-1.25°	2389	2424	2438	2441	2431	2424	2423	2424	2431	2441	2438
-2.5°	2378	2416	2435	2440	2437	2431	2429	2431	2437	2440	2435
-3.75°	2357	2400	2427	2437	2440	2441	2439	2441	2440	2437	2427
-5°	2329	2375	2408	2427	2435	2438	2439	2438	2435	2427	2408
-6.25°	2291	2337	2375	2400	2416	2424	2427	2424	2416	2400	2375
-7.5°	2242	2291	2329	2357	2378	2389	2393	2389	2378	2357	2329
-8.75°	2183	2233	2274	2303	2324	2336	2341	2336	2324	2303	2274
-10°	2114	2165	2206	2237	2259	2273	2278	2273	2259	2237	2206
-11.25°	2036	2086	2128	2160	2182	2196	2200	2196	2182	2160	2128
-12.5°	1956	2001	2040	2072	2094	2108	2113	2108	2094	2072	2040
-13.75°	1877	1916	1951	1979	1999	2012	2017	2012	1999	1979	1951
-15°	1804	1836	1865	1890	1907	1918	1922	1918	1907	1890	1865
-16.25°	1737	1765	1788	1808	1823	1831	1834	1831	1823	1808	1788
-17.5°	1665	1694	1718	1736	1748	1755	1758	1755	1748	1736	1718
-18.75°	1597	1621	1642	1659	1671	1678	1681	1678	1671	1659	1642
-20°	1531	1553	1571	1586	1596	1603	1605	1603	1596	1586	1571
-21.25°	1466	1486	1503	1516	1526	1532	1534	1532	1526	1516	1503



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	1396	1418	1437	1449	1458	1463	1465	1463	1458	1449	1437
-23.75°	1296	1326	1352	1371	1382	1388	1390	1388	1382	1371	1352
-25°	1163	1199	1228	1251	1268	1278	1281	1278	1268	1251	1228
-26.25°	1013	1051	1082	1105	1122	1133	1136	1133	1122	1105	1082
-27.5°	856	893	923	947	964	974	978	974	964	947	923
-28.75°	700	734	762	784	800	810	813	810	800	784	762
-30°	565	592	614	631	643	651	653	651	643	631	614
-31.25°	439	464	485	501	513	520	523	520	513	501	485
-32.5°	358	368	377	383	388	391	392	391	388	383	377
-33.75°	304	314	322	328	333	336	337	336	333	328	322
-35°	263	269	273	277	279	281	281	281	279	277	273
-36.25°	232	237	241	245	247	249	249	249	247	245	241
-37.5°	205	208	211	214	216	217	217	217	216	214	211
-38.75°	181	184	187	190	191	192	193	192	191	190	187
-40°	159	162	164	166	167	168	168	168	167	166	164
-41.25°	139	142	144	146	147	148	148	148	147	146	144
-42.5°	122	124	126	127	127	128	128	128	127	127	126
-43.75°	110	111	113	114	114	115	115	115	114	114	113
-45°	98	99	100	101	102	102	102	102	102	101	100
-46.25°	88	89	90	91	92	92	92	92	92	91	90
-47.5°	79	80	81	81	82	82	82	82	82	81	81
-48.75°	71	71	72	73	73	73	74	73	73	73	72
-50°	62	63	64	64	65	65	65	65	65	64	64
-51.25°	54	55	55	56	56	56	57	56	56	56	55
-52.5°	45	46	47	47	48	48	48	48	48	47	47
-53.75°	36	37	37	38	38	38	38	38	38	38	37
-55°	26	27	28	28	29	29	29	29	29	28	28
-56.25°	16	17	17	18	18	18	19	18	18	18	17
-57.5°	8	8	8	8	8	8	8	8	8	8	8
-58.75°	7	7	7	7	7	7	7	7	7	7	7
-60°	6	6	6	6	6	6	6	6	6	6	6
-61.25°	5	5	5	5	5	5	6	5	5	5	5
-62.5°	5	5	5	5	5	5	5	5	5	5	5
-63.75°	5	5	5	5	5	5	5	5	5	5	5
-65°	5	5	5	5	5	5	5	5	5	5	5
-66.25°	4	4	4	4	4	4	5	4	4	4	4
-67.5°	4	4	4	4	4	4	4	4	4	4	4
-68.75°	4	4	4	4	4	4	4	4	4	4	4
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	3	3	3	3	3	3	4	3	3	3	3
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	2	2	2	2	2	2	3	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	1	1	1	1	1	1	2	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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	1	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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	3	3	3	3	3	3	3	3	3	3	3
71.25°	3	3	3	3	3	3	3	3	3	3	3
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	4	4	4	4	4	4	4	4	4	4	4
67.5°	4	4	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	5	5	5	5	5	5	5	5	5	5	4
63.75°	5	5	5	5	5	5	5	5	5	5	5
62.5°	5	5	5	5	5	5	5	5	5	5	5
61.25°	5	5	5	5	5	5	5	5	5	5	5
60°	6	6	6	6	6	6	6	6	5	5	5
58.75°	7	7	7	7	6	6	6	6	6	6	6
57.5°	8	8	8	8	7	7	7	7	7	7	6
56.25°	17	16	15	14	12	11	9	8	8	8	7
55°	27	26	25	24	23	21	19	18	16	14	11
53.75°	37	36	35	34	32	31	29	28	26	23	21
52.5°	46	45	44	43	42	40	39	37	35	33	31
51.25°	55	54	53	52	51	49	48	46	44	42	39
50°	63	62	61	60	59	57	56	54	52	50	48
48.75°	71	71	70	68	67	65	64	62	60	58	56
47.5°	80	79	78	77	75	74	72	70	68	66	63
46.25°	89	88	87	85	84	82	80	78	76	74	71
45°	99	98	97	95	93	91	89	87	84	81	79
43.75°	111	110	108	106	103	101	98	96	93	90	87
42.5°	124	122	120	118	116	113	110	106	103	99	96
41.25°	142	139	136	132	128	125	122	118	115	110	106
40°	162	159	155	152	147	143	137	132	126	122	118
38.75°	184	181	176	171	166	161	156	150	144	137	130
37.5°	208	205	200	195	189	183	176	168	162	155	147
36.25°	237	232	226	219	213	206	199	191	182	173	165
35°	269	263	257	250	242	232	223	213	204	195	185



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	314	304	293	280	272	262	252	241	229	216	206
32.5°	368	358	346	332	317	300	281	270	257	244	230
31.25°	464	439	410	385	369	351	332	311	288	271	257
30°	592	565	534	499	459	416	382	360	336	311	285
28.75°	734	700	660	622	580	534	485	431	384	358	331
27.5°	893	856	812	764	711	653	600	544	484	421	376
26.25°	1051	1013	968	917	859	796	729	657	594	528	458
25°	1199	1163	1118	1067	1008	942	870	793	713	633	561
23.75°	1326	1296	1256	1206	1150	1084	1011	931	845	755	663
22.5°	1418	1396	1369	1326	1278	1215	1145	1065	977	883	784
21.25°	1486	1466	1443	1413	1379	1327	1265	1189	1102	1008	906
20°	1553	1531	1506	1477	1447	1409	1364	1298	1217	1125	1023
18.75°	1621	1597	1569	1539	1505	1470	1431	1384	1316	1232	1133
17.5°	1694	1665	1635	1601	1565	1526	1485	1444	1393	1323	1232
16.25°	1765	1737	1703	1664	1624	1582	1539	1493	1447	1393	1316
15°	1836	1804	1769	1731	1686	1639	1591	1543	1493	1444	1384
13.75°	1916	1877	1834	1790	1747	1697	1644	1591	1539	1485	1431
12.5°	2001	1956	1906	1853	1802	1752	1697	1639	1582	1526	1470
11.25°	2086	2036	1981	1921	1860	1802	1747	1686	1624	1565	1505
10°	2165	2114	2055	1989	1921	1853	1790	1731	1664	1601	1539
8.75°	2233	2183	2124	2055	1981	1906	1834	1769	1703	1635	1569
7.5°	2291	2242	2183	2114	2036	1956	1877	1804	1737	1665	1597
6.25°	2337	2291	2233	2165	2086	2001	1916	1836	1765	1694	1621
5°	2375	2329	2274	2206	2128	2040	1951	1865	1788	1718	1642
3.75°	2400	2357	2303	2237	2160	2072	1979	1890	1808	1736	1659
2.5°	2416	2378	2324	2259	2182	2094	1999	1907	1823	1748	1671
1.25°	2424	2389	2336	2273	2196	2108	2012	1918	1831	1755	1678
0°	2427	2393	2341	2278	2200	2113	2017	1922	1834	1758	1681
-1.25°	2424	2389	2336	2273	2196	2108	2012	1918	1831	1755	1678
-2.5°	2416	2378	2324	2259	2182	2094	1999	1907	1823	1748	1671
-3.75°	2400	2357	2303	2237	2160	2072	1979	1890	1808	1736	1659
-5°	2375	2329	2274	2206	2128	2040	1951	1865	1788	1718	1642
-6.25°	2337	2291	2233	2165	2086	2001	1916	1836	1765	1694	1621
-7.5°	2291	2242	2183	2114	2036	1956	1877	1804	1737	1665	1597
-8.75°	2233	2183	2124	2055	1981	1906	1834	1769	1703	1635	1569
-10°	2165	2114	2055	1989	1921	1853	1790	1731	1664	1601	1539
-11.25°	2086	2036	1981	1921	1860	1802	1747	1686	1624	1565	1505
-12.5°	2001	1956	1906	1853	1802	1752	1697	1639	1582	1526	1470
-13.75°	1916	1877	1834	1790	1747	1697	1644	1591	1539	1485	1431
-15°	1836	1804	1769	1731	1686	1639	1591	1543	1493	1444	1384
-16.25°	1765	1737	1703	1664	1624	1582	1539	1493	1447	1393	1316
-17.5°	1694	1665	1635	1601	1565	1526	1485	1444	1393	1323	1232
-18.75°	1621	1597	1569	1539	1505	1470	1431	1384	1316	1232	1133
-20°	1553	1531	1506	1477	1447	1409	1364	1298	1217	1125	1023
-21.25°	1486	1466	1443	1413	1379	1327	1265	1189	1102	1008	906



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	1418	1396	1369	1326	1278	1215	1145	1065	977	883	784
-23.75°	1326	1296	1256	1206	1150	1084	1011	931	845	755	663
-25°	1199	1163	1118	1067	1008	942	870	793	713	633	561
-26.25°	1051	1013	968	917	859	796	729	657	594	528	458
-27.5°	893	856	812	764	711	653	600	544	484	421	376
-28.75°	734	700	660	622	580	534	485	431	384	358	331
-30°	592	565	534	499	459	416	382	360	336	311	285
-31.25°	464	439	410	385	369	351	332	311	288	271	257
-32.5°	368	358	346	332	317	300	281	270	257	244	230
-33.75°	314	304	293	280	272	262	252	241	229	216	206
-35°	269	263	257	250	242	232	223	213	204	195	185
-36.25°	237	232	226	219	213	206	199	191	182	173	165
-37.5°	208	205	200	195	189	183	176	168	162	155	147
-38.75°	184	181	176	171	166	161	156	150	144	137	130
-40°	162	159	155	152	147	143	137	132	126	122	118
-41.25°	142	139	136	132	128	125	122	118	115	110	106
-42.5°	124	122	120	118	116	113	110	106	103	99	96
-43.75°	111	110	108	106	103	101	98	96	93	90	87
-45°	99	98	97	95	93	91	89	87	84	81	79
-46.25°	89	88	87	85	84	82	80	78	76	74	71
-47.5°	80	79	78	77	75	74	72	70	68	66	63
-48.75°	71	71	70	68	67	65	64	62	60	58	56
-50°	63	62	61	60	59	57	56	54	52	50	48
-51.25°	55	54	53	52	51	49	48	46	44	42	39
-52.5°	46	45	44	43	42	40	39	37	35	33	31
-53.75°	37	36	35	34	32	31	29	28	26	23	21
-55°	27	26	25	24	23	21	19	18	16	14	11
-56.25°	17	16	15	14	12	11	9	8	8	8	7
-57.5°	8	8	8	8	7	7	7	7	7	7	6
-58.75°	7	7	7	7	6	6	6	6	6	6	6
-60°	6	6	6	6	6	6	6	6	5	5	5
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-62.5°	5	5	5	5	5	5	5	5	5	5	5
-63.75°	5	5	5	5	5	5	5	5	5	5	5
-65°	5	5	5	5	5	5	5	5	5	5	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	4	4	4	4	4	4	4	4	4	4	4
-68.75°	4	4	4	4	4	4	4	4	4	4	4
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	3	3	3	3	3	3	3	3	3	3	3
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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	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°	2	2	2	1	1	1	1	1	1	1	1
73.75°	2	2	2	2	2	2	2	2	2	2	1
72.5°	3	3	2	2	2	2	2	2	2	2	2
71.25°	3	3	3	3	3	3	3	3	2	2	2
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	4	4	4	4	4	4	4	3	3	3	3
67.5°	4	4	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	5	5	5	5	4	4	4	4	4	4	4
62.5°	5	5	5	5	5	5	5	5	4	4	4
61.25°	5	5	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	6	6	5	5	5	5	5	5	5	5	5
57.5°	6	6	6	6	6	6	5	5	5	5	5
56.25°	7	7	7	6	6	6	6	6	6	5	5
55°	9	8	8	7	7	7	6	6	6	6	6
53.75°	19	16	13	10	8	8	7	7	7	6	6
52.5°	28	25	22	19	16	13	10	8	7	7	7
51.25°	37	34	32	29	25	22	18	15	11	8	7
50°	45	43	40	37	34	31	27	23	19	15	11
48.75°	53	51	48	45	42	39	35	31	27	23	19
47.5°	61	58	56	53	50	46	43	39	35	31	27
46.25°	69	66	63	60	57	54	50	47	43	38	34
45°	76	73	70	67	64	61	57	54	50	46	41
43.75°	84	81	78	74	71	68	64	60	56	52	48
42.5°	93	89	85	82	78	74	71	67	63	59	54
41.25°	102	98	94	90	86	81	77	73	69	65	61
40°	113	108	103	98	94	89	84	80	76	71	67
38.75°	124	119	113	108	102	97	92	87	82	77	73
37.5°	139	131	124	118	112	106	100	95	89	84	79
36.25°	156	148	139	129	122	116	109	102	96	91	85
35°	174	164	155	145	135	126	119	111	104	98	92



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	195	184	172	161	150	140	128	121	113	105	98
32.5°	215	204	191	178	166	154	143	131	122	114	106
31.25°	241	225	211	197	183	169	157	145	132	122	114
30°	267	251	233	216	202	187	172	158	145	132	122
28.75°	302	276	258	239	220	204	189	173	158	145	131
27.5°	346	315	283	263	243	222	205	189	172	157	143
26.25°	389	357	323	289	265	244	222	204	187	169	154
25°	485	406	364	328	291	265	243	220	202	183	166
23.75°	583	501	417	366	328	289	263	239	216	197	178
22.5°	684	594	507	417	364	323	283	258	233	211	191
21.25°	798	691	594	501	406	357	315	276	251	225	204
20°	913	798	684	583	485	389	346	302	267	241	215
18.75°	1023	906	784	663	561	458	376	331	285	257	230
17.5°	1125	1008	883	755	633	528	421	358	311	271	244
16.25°	1217	1102	977	845	713	594	484	384	336	288	257
15°	1298	1189	1065	931	793	657	544	431	360	311	270
13.75°	1364	1265	1145	1011	870	729	600	485	382	332	281
12.5°	1409	1327	1215	1084	942	796	653	534	416	351	300
11.25°	1447	1379	1278	1150	1008	859	711	580	459	369	317
10°	1477	1413	1326	1206	1067	917	764	622	499	385	332
8.75°	1506	1443	1369	1256	1118	968	812	660	534	410	346
7.5°	1531	1466	1396	1296	1163	1013	856	700	565	439	358
6.25°	1553	1486	1418	1326	1199	1051	893	734	592	464	368
5°	1571	1503	1437	1352	1228	1082	923	762	614	485	377
3.75°	1586	1516	1449	1371	1251	1105	947	784	631	501	383
2.5°	1596	1526	1458	1382	1268	1122	964	800	643	513	388
1.25°	1603	1532	1463	1388	1278	1133	974	810	651	520	391
0°	1605	1534	1465	1390	1281	1136	978	813	653	523	392
-1.25°	1603	1532	1463	1388	1278	1133	974	810	651	520	391
-2.5°	1596	1526	1458	1382	1268	1122	964	800	643	513	388
-3.75°	1586	1516	1449	1371	1251	1105	947	784	631	501	383
-5°	1571	1503	1437	1352	1228	1082	923	762	614	485	377
-6.25°	1553	1486	1418	1326	1199	1051	893	734	592	464	368
-7.5°	1531	1466	1396	1296	1163	1013	856	700	565	439	358
-8.75°	1506	1443	1369	1256	1118	968	812	660	534	410	346
-10°	1477	1413	1326	1206	1067	917	764	622	499	385	332
-11.25°	1447	1379	1278	1150	1008	859	711	580	459	369	317
-12.5°	1409	1327	1215	1084	942	796	653	534	416	351	300
-13.75°	1364	1265	1145	1011	870	729	600	485	382	332	281
-15°	1298	1189	1065	931	793	657	544	431	360	311	270
-16.25°	1217	1102	977	845	713	594	484	384	336	288	257
-17.5°	1125	1008	883	755	633	528	421	358	311	271	244
-18.75°	1023	906	784	663	561	458	376	331	285	257	230
-20°	913	798	684	583	485	389	346	302	267	241	215
-21.25°	798	691	594	501	406	357	315	276	251	225	204



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	684	594	507	417	364	323	283	258	233	211	191
-23.75°	583	501	417	366	328	289	263	239	216	197	178
-25°	485	406	364	328	291	265	243	220	202	183	166
-26.25°	389	357	323	289	265	244	222	204	187	169	154
-27.5°	346	315	283	263	243	222	205	189	172	157	143
-28.75°	302	276	258	239	220	204	189	173	158	145	131
-30°	267	251	233	216	202	187	172	158	145	132	122
-31.25°	241	225	211	197	183	169	157	145	132	122	114
-32.5°	215	204	191	178	166	154	143	131	122	114	106
-33.75°	195	184	172	161	150	140	128	121	113	105	98
-35°	174	164	155	145	135	126	119	111	104	98	92
-36.25°	156	148	139	129	122	116	109	102	96	91	85
-37.5°	139	131	124	118	112	106	100	95	89	84	79
-38.75°	124	119	113	108	102	97	92	87	82	77	73
-40°	113	108	103	98	94	89	84	80	76	71	67
-41.25°	102	98	94	90	86	81	77	73	69	65	61
-42.5°	93	89	85	82	78	74	71	67	63	59	54
-43.75°	84	81	78	74	71	68	64	60	56	52	48
-45°	76	73	70	67	64	61	57	54	50	46	41
-46.25°	69	66	63	60	57	54	50	47	43	38	34
-47.5°	61	58	56	53	50	46	43	39	35	31	27
-48.75°	53	51	48	45	42	39	35	31	27	23	19
-50°	45	43	40	37	34	31	27	23	19	15	11
-51.25°	37	34	32	29	25	22	18	15	11	8	7
-52.5°	28	25	22	19	16	13	10	8	7	7	7
-53.75°	19	16	13	10	8	8	7	7	7	6	6
-55°	9	8	8	7	7	7	6	6	6	6	6
-56.25°	7	7	7	6	6	6	6	6	6	5	5
-57.5°	6	6	6	6	6	6	5	5	5	5	5
-58.75°	6	6	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-62.5°	5	5	5	5	5	5	5	5	4	4	4
-63.75°	5	5	5	5	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	4	4	4	4	4	4	4	4	4	4	4
-68.75°	4	4	4	4	4	4	4	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	2	2	2
-72.5°	3	3	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	1
-75°	2	2	2	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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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	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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	1	1	1	1	1	1	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	1	1	1	1	1	1	1
71.25°	2	2	2	2	2	2	2	1	1	1	1
70°	3	3	2	2	2	2	2	2	2	2	1
68.75°	3	3	3	3	3	2	2	2	2	2	2
67.5°	3	3	3	3	3	3	3	3	2	2	2
66.25°	4	4	4	3	3	3	3	3	3	3	2
65°	4	4	4	4	4	4	3	3	3	3	3
63.75°	4	4	4	4	4	4	4	4	3	3	3
62.5°	4	4	4	4	4	4	4	4	4	4	3
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	5	5	5	4	4	4	4	4	4	4	4
58.75°	5	5	5	5	5	4	4	4	4	4	4
57.5°	5	5	5	5	5	5	5	4	4	4	4
56.25°	5	5	5	5	5	5	5	5	4	4	4
55°	5	5	5	5	5	5	5	5	5	5	4
53.75°	6	6	5	5	5	5	5	5	5	5	5
52.5°	6	6	6	6	5	5	5	5	5	5	5
51.25°	7	7	6	6	6	5	5	5	5	5	5
50°	8	7	7	7	6	6	6	5	5	5	5
48.75°	14	10	8	7	7	6	6	6	5	5	5
47.5°	22	17	12	8	7	7	6	6	6	5	5
46.25°	30	25	20	14	9	8	7	7	6	6	5
45°	37	32	27	22	16	11	8	7	7	6	6
43.75°	44	39	34	29	23	17	11	8	7	7	6
42.5°	50	45	40	35	30	24	18	12	8	7	7
41.25°	56	52	47	41	36	30	24	18	11	8	7
40°	62	57	52	47	42	36	30	24	17	11	8
38.75°	68	63	58	53	48	42	36	30	23	16	9
37.5°	74	69	63	58	53	47	41	35	29	22	14
36.25°	79	74	69	63	58	52	47	40	34	27	20
35°	85	80	74	69	63	57	52	45	39	32	25



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	92	85	79	74	68	62	56	50	44	37	30
32.5°	98	92	85	79	73	67	61	54	48	41	34
31.25°	105	98	91	84	77	71	65	59	52	46	38
30°	113	104	96	89	82	76	69	63	56	50	43
28.75°	121	111	102	95	87	80	73	67	60	54	47
27.5°	128	119	109	100	92	84	77	71	64	57	50
26.25°	140	126	116	106	97	89	81	74	68	61	54
25°	150	135	122	112	102	94	86	78	71	64	57
23.75°	161	145	129	118	108	98	90	82	74	67	60
22.5°	172	155	139	124	113	103	94	85	78	70	63
21.25°	184	164	148	131	119	108	98	89	81	73	66
20°	195	174	156	139	124	113	102	93	84	76	69
18.75°	206	185	165	147	130	118	106	96	87	79	71
17.5°	216	195	173	155	137	122	110	99	90	81	74
16.25°	229	204	182	162	144	126	115	103	93	84	76
15°	241	213	191	168	150	132	118	106	96	87	78
13.75°	252	223	199	176	156	137	122	110	98	89	80
12.5°	262	232	206	183	161	143	125	113	101	91	82
11.25°	272	242	213	189	166	147	128	116	103	93	84
10°	280	250	219	195	171	152	132	118	106	95	85
8.75°	293	257	226	200	176	155	136	120	108	97	87
7.5°	304	263	232	205	181	159	139	122	110	98	88
6.25°	314	269	237	208	184	162	142	124	111	99	89
5°	322	273	241	211	187	164	144	126	113	100	90
3.75°	328	277	245	214	190	166	146	127	114	101	91
2.5°	333	279	247	216	191	167	147	127	114	102	92
1.25°	336	281	249	217	192	168	148	128	115	102	92
0°	337	281	249	217	193	168	148	128	115	102	92
-1.25°	336	281	249	217	192	168	148	128	115	102	92
-2.5°	333	279	247	216	191	167	147	127	114	102	92
-3.75°	328	277	245	214	190	166	146	127	114	101	91
-5°	322	273	241	211	187	164	144	126	113	100	90
-6.25°	314	269	237	208	184	162	142	124	111	99	89
-7.5°	304	263	232	205	181	159	139	122	110	98	88
-8.75°	293	257	226	200	176	155	136	120	108	97	87
-10°	280	250	219	195	171	152	132	118	106	95	85
-11.25°	272	242	213	189	166	147	128	116	103	93	84
-12.5°	262	232	206	183	161	143	125	113	101	91	82
-13.75°	252	223	199	176	156	137	122	110	98	89	80
-15°	241	213	191	168	150	132	118	106	96	87	78
-16.25°	229	204	182	162	144	126	115	103	93	84	76
-17.5°	216	195	173	155	137	122	110	99	90	81	74
-18.75°	206	185	165	147	130	118	106	96	87	79	71
-20°	195	174	156	139	124	113	102	93	84	76	69
-21.25°	184	164	148	131	119	108	98	89	81	73	66



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	172	155	139	124	113	103	94	85	78	70	63
-23.75°	161	145	129	118	108	98	90	82	74	67	60
-25°	150	135	122	112	102	94	86	78	71	64	57
-26.25°	140	126	116	106	97	89	81	74	68	61	54
-27.5°	128	119	109	100	92	84	77	71	64	57	50
-28.75°	121	111	102	95	87	80	73	67	60	54	47
-30°	113	104	96	89	82	76	69	63	56	50	43
-31.25°	105	98	91	84	77	71	65	59	52	46	38
-32.5°	98	92	85	79	73	67	61	54	48	41	34
-33.75°	92	85	79	74	68	62	56	50	44	37	30
-35°	85	80	74	69	63	57	52	45	39	32	25
-36.25°	79	74	69	63	58	52	47	40	34	27	20
-37.5°	74	69	63	58	53	47	41	35	29	22	14
-38.75°	68	63	58	53	48	42	36	30	23	16	9
-40°	62	57	52	47	42	36	30	24	17	11	8
-41.25°	56	52	47	41	36	30	24	18	11	8	7
-42.5°	50	45	40	35	30	24	18	12	8	7	7
-43.75°	44	39	34	29	23	17	11	8	7	7	6
-45°	37	32	27	22	16	11	8	7	7	6	6
-46.25°	30	25	20	14	9	8	7	7	6	6	5
-47.5°	22	17	12	8	7	7	6	6	6	5	5
-48.75°	14	10	8	7	7	6	6	6	5	5	5
-50°	8	7	7	7	6	6	6	5	5	5	5
-51.25°	7	7	6	6	6	5	5	5	5	5	5
-52.5°	6	6	6	6	5	5	5	5	5	5	5
-53.75°	6	6	5	5	5	5	5	5	5	5	5
-55°	5	5	5	5	5	5	5	5	5	5	4
-56.25°	5	5	5	5	5	5	5	5	4	4	4
-57.5°	5	5	5	5	5	5	5	4	4	4	4
-58.75°	5	5	5	5	5	4	4	4	4	4	4
-60°	5	5	5	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	3
-63.75°	4	4	4	4	4	4	4	4	3	3	3
-65°	4	4	4	4	4	4	3	3	3	3	3
-66.25°	4	4	4	3	3	3	3	3	3	3	2
-67.5°	3	3	3	3	3	3	3	3	2	2	2
-68.75°	3	3	3	3	3	2	2	2	2	2	2
-70°	3	3	2	2	2	2	2	2	2	2	1
-71.25°	2	2	2	2	2	2	2	1	1	1	1
-72.5°	2	2	2	2	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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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	1	1	1
-85°	1	1	1	1	1	1	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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	1	1	1	1	1	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	1	1	0
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	1	1	1	1	1	1	1
66.25°	2	2	2	2	2	2	1	1	1	1	1
65°	3	2	2	2	2	2	2	1	1	1	1
63.75°	3	3	3	2	2	2	2	2	1	1	1
62.5°	3	3	3	3	3	2	2	2	2	2	1
61.25°	4	3	3	3	3	3	2	2	2	2	2
60°	4	4	3	3	3	3	3	2	2	2	2
58.75°	4	4	4	4	3	3	3	3	2	2	2
57.5°	4	4	4	4	4	3	3	3	3	2	2
56.25°	4	4	4	4	4	4	3	3	3	3	2
55°	4	4	4	4	4	4	4	3	3	3	3
53.75°	4	4	4	4	4	4	4	4	3	3	3
52.5°	5	4	4	4	4	4	4	4	4	3	3
51.25°	5	5	4	4	4	4	4	4	4	4	3
50°	5	5	5	4	4	4	4	4	4	4	3
48.75°	5	5	5	5	4	4	4	4	4	4	4
47.5°	5	5	5	5	5	4	4	4	4	4	4
46.25°	5	5	5	5	5	5	4	4	4	4	4
45°	5	5	5	5	5	5	5	4	4	4	4
43.75°	6	5	5	5	5	5	5	4	4	4	4
42.5°	6	6	5	5	5	5	5	5	4	4	4
41.25°	6	6	6	5	5	5	5	5	5	4	4
40°	7	6	6	5	5	5	5	5	5	4	4
38.75°	7	7	6	6	5	5	5	5	5	5	4
37.5°	8	7	7	6	6	5	5	5	5	5	4
36.25°	12	8	7	6	6	5	5	5	5	5	5
35°	17	10	7	7	6	6	5	5	5	5	5



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	22	14	8	7	6	6	5	5	5	5	5
32.5°	27	19	11	7	7	6	6	5	5	5	5
31.25°	31	23	15	8	7	6	6	5	5	5	5
30°	35	27	19	11	7	7	6	6	5	5	5
28.75°	39	31	23	15	8	7	6	6	5	5	5
27.5°	43	35	27	18	10	7	6	6	5	5	5
26.25°	46	39	31	22	13	8	7	6	6	5	5
25°	50	42	34	25	16	8	7	6	6	5	5
23.75°	53	45	37	29	19	10	7	6	6	5	5
22.5°	56	48	40	32	22	13	8	7	6	5	5
21.25°	58	51	43	34	25	16	8	7	6	6	5
20°	61	53	45	37	28	19	9	7	6	6	5
18.75°	63	56	48	39	31	21	11	7	6	6	5
17.5°	66	58	50	42	33	23	14	8	7	6	5
16.25°	68	60	52	44	35	26	16	8	7	6	5
15°	70	62	54	46	37	28	18	8	7	6	6
13.75°	72	64	56	48	39	29	19	9	7	6	6
12.5°	74	65	57	49	40	31	21	11	7	6	6
11.25°	75	67	59	51	42	32	23	12	7	6	6
10°	77	68	60	52	43	34	24	14	8	7	6
8.75°	78	70	61	53	44	35	25	15	8	7	6
7.5°	79	71	62	54	45	36	26	16	8	7	6
6.25°	80	71	63	55	46	37	27	17	8	7	6
5°	81	72	64	55	47	37	28	17	8	7	6
3.75°	81	73	64	56	47	38	28	18	8	7	6
2.5°	82	73	65	56	48	38	29	18	8	7	6
1.25°	82	73	65	56	48	38	29	18	8	7	6
0°	82	74	65	57	48	38	29	19	8	7	6
-1.25°	82	73	65	56	48	38	29	18	8	7	6
-2.5°	82	73	65	56	48	38	29	18	8	7	6
-3.75°	81	73	64	56	47	38	28	18	8	7	6
-5°	81	72	64	55	47	37	28	17	8	7	6
-6.25°	80	71	63	55	46	37	27	17	8	7	6
-7.5°	79	71	62	54	45	36	26	16	8	7	6
-8.75°	78	70	61	53	44	35	25	15	8	7	6
-10°	77	68	60	52	43	34	24	14	8	7	6
-11.25°	75	67	59	51	42	32	23	12	7	6	6
-12.5°	74	65	57	49	40	31	21	11	7	6	6
-13.75°	72	64	56	48	39	29	19	9	7	6	6
-15°	70	62	54	46	37	28	18	8	7	6	6
-16.25°	68	60	52	44	35	26	16	8	7	6	5
-17.5°	66	58	50	42	33	23	14	8	7	6	5
-18.75°	63	56	48	39	31	21	11	7	6	6	5
-20°	61	53	45	37	28	19	9	7	6	6	5
-21.25°	58	51	43	34	25	16	8	7	6	6	5



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	56	48	40	32	22	13	8	7	6	5	5
-23.75°	53	45	37	29	19	10	7	6	6	5	5
-25°	50	42	34	25	16	8	7	6	6	5	5
-26.25°	46	39	31	22	13	8	7	6	6	5	5
-27.5°	43	35	27	18	10	7	6	6	5	5	5
-28.75°	39	31	23	15	8	7	6	6	5	5	5
-30°	35	27	19	11	7	7	6	6	5	5	5
-31.25°	31	23	15	8	7	6	6	5	5	5	5
-32.5°	27	19	11	7	7	6	6	5	5	5	5
-33.75°	22	14	8	7	6	6	5	5	5	5	5
-35°	17	10	7	7	6	6	5	5	5	5	5
-36.25°	12	8	7	6	6	5	5	5	5	5	5
-37.5°	8	7	7	6	6	5	5	5	5	5	4
-38.75°	7	7	6	6	5	5	5	5	5	5	4
-40°	7	6	6	5	5	5	5	5	5	4	4
-41.25°	6	6	6	5	5	5	5	5	5	4	4
-42.5°	6	6	5	5	5	5	5	5	4	4	4
-43.75°	6	5	5	5	5	5	5	4	4	4	4
-45°	5	5	5	5	5	5	5	4	4	4	4
-46.25°	5	5	5	5	5	5	4	4	4	4	4
-47.5°	5	5	5	5	5	4	4	4	4	4	4
-48.75°	5	5	5	5	4	4	4	4	4	4	4
-50°	5	5	5	4	4	4	4	4	4	4	3
-51.25°	5	5	4	4	4	4	4	4	4	4	3
-52.5°	5	4	4	4	4	4	4	4	4	3	3
-53.75°	4	4	4	4	4	4	4	4	3	3	3
-55°	4	4	4	4	4	4	4	3	3	3	3
-56.25°	4	4	4	4	4	4	3	3	3	3	2
-57.5°	4	4	4	4	4	3	3	3	3	2	2
-58.75°	4	4	4	4	3	3	3	3	2	2	2
-60°	4	4	3	3	3	3	3	2	2	2	2
-61.25°	4	3	3	3	3	3	2	2	2	2	2
-62.5°	3	3	3	3	3	2	2	2	2	2	1
-63.75°	3	3	3	2	2	2	2	2	1	1	1
-65°	3	2	2	2	2	2	2	1	1	1	1
-66.25°	2	2	2	2	2	2	1	1	1	1	1
-67.5°	2	2	2	2	1	1	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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	0
-83.75°	1	1	1	1	1	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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	1	1	1	0	0	0	0	0	0	0	0
80°	1	1	1	1	1	1	0	0	0	0	0
78.75°	1	1	1	1	1	1	1	1	0	0	0
77.5°	1	1	1	1	1	1	1	1	1	0	0
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	2	1	1	1	1	1	1	1	1	1	1
58.75°	2	2	1	1	1	1	1	1	1	1	1
57.5°	2	2	1	1	1	1	1	1	1	1	1
56.25°	2	2	2	1	1	1	1	1	1	1	1
55°	2	2	2	2	1	1	1	1	1	1	1
53.75°	3	2	2	2	2	1	1	1	1	1	1
52.5°	3	3	2	2	2	1	1	1	1	1	1
51.25°	3	3	2	2	2	2	1	1	1	1	1
50°	3	3	3	2	2	2	1	1	1	1	1
48.75°	3	3	3	2	2	2	2	1	1	1	1
47.5°	4	3	3	3	2	2	2	1	1	1	1
46.25°	4	3	3	3	2	2	2	1	1	1	1
45°	4	4	3	3	3	2	2	2	1	1	1
43.75°	4	4	3	3	3	2	2	2	1	1	1
42.5°	4	4	4	3	3	3	2	2	1	1	1
41.25°	4	4	4	3	3	3	2	2	2	1	1
40°	4	4	4	4	3	3	2	2	2	1	1
38.75°	4	4	4	4	3	3	3	2	2	1	1
37.5°	4	4	4	4	3	3	3	2	2	2	1
36.25°	4	4	4	4	4	3	3	2	2	2	1
35°	4	4	4	4	4	3	3	3	2	2	1



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	4	4	4	4	4	3	3	3	2	2	1
32.5°	5	4	4	4	4	4	3	3	2	2	1
31.25°	5	4	4	4	4	4	3	3	2	2	2
30°	5	4	4	4	4	4	3	3	2	2	2
28.75°	5	5	4	4	4	4	3	3	3	2	2
27.5°	5	5	4	4	4	4	4	3	3	2	2
26.25°	5	5	4	4	4	4	4	3	3	2	2
25°	5	5	4	4	4	4	4	3	3	2	2
23.75°	5	5	5	4	4	4	4	3	3	2	2
22.5°	5	5	5	4	4	4	4	3	3	2	2
21.25°	5	5	5	4	4	4	4	3	3	3	2
20°	5	5	5	4	4	4	4	3	3	3	2
18.75°	5	5	5	4	4	4	4	4	3	3	2
17.5°	5	5	5	5	4	4	4	4	3	3	2
16.25°	5	5	5	5	4	4	4	4	3	3	2
15°	5	5	5	5	4	4	4	4	3	3	2
13.75°	5	5	5	5	4	4	4	4	3	3	2
12.5°	5	5	5	5	4	4	4	4	3	3	2
11.25°	5	5	5	5	4	4	4	4	3	3	2
10°	5	5	5	5	4	4	4	4	3	3	2
8.75°	5	5	5	5	4	4	4	4	3	3	2
7.5°	5	5	5	5	4	4	4	4	3	3	2
6.25°	5	5	5	5	4	4	4	4	3	3	2
5°	5	5	5	5	4	4	4	4	3	3	2
3.75°	5	5	5	5	4	4	4	4	3	3	2
2.5°	5	5	5	5	4	4	4	4	3	3	2
1.25°	5	5	5	5	4	4	4	4	3	3	2
0°	6	5	5	5	5	4	4	4	4	3	3
-1.25°	5	5	5	5	4	4	4	4	3	3	2
-2.5°	5	5	5	5	4	4	4	4	3	3	2
-3.75°	5	5	5	5	4	4	4	4	3	3	2
-5°	5	5	5	5	4	4	4	4	3	3	2
-6.25°	5	5	5	5	4	4	4	4	3	3	2
-7.5°	5	5	5	5	4	4	4	4	3	3	2
-8.75°	5	5	5	5	4	4	4	4	3	3	2
-10°	5	5	5	5	4	4	4	4	3	3	2
-11.25°	5	5	5	5	4	4	4	4	3	3	2
-12.5°	5	5	5	5	4	4	4	4	3	3	2
-13.75°	5	5	5	5	4	4	4	4	3	3	2
-15°	5	5	5	5	4	4	4	4	3	3	2
-16.25°	5	5	5	5	4	4	4	4	3	3	2
-17.5°	5	5	5	5	4	4	4	4	3	3	2
-18.75°	5	5	5	4	4	4	4	4	3	3	2
-20°	5	5	5	4	4	4	4	3	3	3	2
-21.25°	5	5	5	4	4	4	4	3	3	3	2



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	5	5	5	4	4	4	4	3	3	2	2
-23.75°	5	5	5	4	4	4	4	3	3	2	2
-25°	5	5	4	4	4	4	4	3	3	2	2
-26.25°	5	5	4	4	4	4	4	3	3	2	2
-27.5°	5	5	4	4	4	4	4	3	3	2	2
-28.75°	5	5	4	4	4	4	3	3	3	2	2
-30°	5	4	4	4	4	4	3	3	2	2	2
-31.25°	5	4	4	4	4	4	3	3	2	2	2
-32.5°	5	4	4	4	4	4	3	3	2	2	1
-33.75°	4	4	4	4	4	3	3	3	2	2	1
-35°	4	4	4	4	4	3	3	3	2	2	1
-36.25°	4	4	4	4	4	3	3	2	2	2	1
-37.5°	4	4	4	4	3	3	3	2	2	2	1
-38.75°	4	4	4	4	3	3	3	2	2	1	1
-40°	4	4	4	4	3	3	2	2	2	1	1
-41.25°	4	4	4	3	3	3	2	2	2	1	1
-42.5°	4	4	4	3	3	3	2	2	1	1	1
-43.75°	4	4	3	3	3	2	2	2	1	1	1
-45°	4	4	3	3	3	2	2	2	1	1	1
-46.25°	4	3	3	3	2	2	2	1	1	1	1
-47.5°	4	3	3	3	2	2	2	1	1	1	1
-48.75°	3	3	3	2	2	2	2	1	1	1	1
-50°	3	3	3	2	2	2	1	1	1	1	1
-51.25°	3	3	2	2	2	2	1	1	1	1	1
-52.5°	3	3	2	2	2	1	1	1	1	1	1
-53.75°	3	2	2	2	2	1	1	1	1	1	1
-55°	2	2	2	2	1	1	1	1	1	1	1
-56.25°	2	2	2	1	1	1	1	1	1	1	1
-57.5°	2	2	1	1	1	1	1	1	1	1	1
-58.75°	2	2	1	1	1	1	1	1	1	1	1
-60°	2	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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	1	1	1	1	0	0	0
-80°	1	1	1	1	1	1	0	0	0	0	0
-81.25°	1	1	1	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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	1	0	0	0	0	0	0	0	0	0	0
73.75°	1	1	0	0	0	0	0	0	0	0	0
72.5°	1	1	0	0	0	0	0	0	0	0	0
71.25°	1	1	1	0	0	0	0	0	0	0	0
70°	1	1	1	1	0	0	0	0	0	0	0
68.75°	1	1	1	1	0	0	0	0	0	0	0
67.5°	1	1	1	1	1	0	0	0	0	0	0
66.25°	1	1	1	1	1	0	0	0	0	0	0
65°	1	1	1	1	1	0	0	0	0	0	0
63.75°	1	1	1	1	1	1	0	0	0	0	0
62.5°	1	1	1	1	1	1	0	0	0	0	0
61.25°	1	1	1	1	1	1	0	0	0	0	0
60°	1	1	1	1	1	1	0	0	0	0	0
58.75°	1	1	1	1	1	1	1	0	0	0	0
57.5°	1	1	1	1	1	1	1	0	0	0	0
56.25°	1	1	1	1	1	1	1	0	0	0	0
55°	1	1	1	1	1	1	1	0	0	0	0
53.75°	1	1	1	1	1	1	1	0	0	0	0
52.5°	1	1	1	1	1	1	1	1	0	0	0
51.25°	1	1	1	1	1	1	1	1	0	0	0
50°	1	1	1	1	1	1	1	1	0	0	0
48.75°	1	1	1	1	1	1	1	1	0	0	0
47.5°	1	1	1	1	1	1	1	1	0	0	0
46.25°	1	1	1	1	1	1	1	1	0	0	0
45°	1	1	1	1	1	1	1	1	0	0	0
43.75°	1	1	1	1	1	1	1	1	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	1	0	0
40°	1	1	1	1	1	1	1	1	1	0	0
38.75°	1	1	1	1	1	1	1	1	1	0	0
37.5°	1	1	1	1	1	1	1	1	1	0	0
36.25°	1	1	1	1	1	1	1	1	1	0	0
35°	1	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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	1	0	0
32.5°	1	1	1	1	1	1	1	1	1	0	0
31.25°	1	1	1	1	1	1	1	1	1	0	0
30°	1	1	1	1	1	1	1	1	1	0	0
28.75°	1	1	1	1	1	1	1	1	1	0	0
27.5°	1	1	1	1	1	1	1	1	1	0	0
26.25°	1	1	1	1	1	1	1	1	1	0	0
25°	1	1	1	1	1	1	1	1	1	0	0
23.75°	1	1	1	1	1	1	1	1	1	0	0
22.5°	2	1	1	1	1	1	1	1	1	0	0
21.25°	2	1	1	1	1	1	1	1	1	0	0
20°	2	1	1	1	1	1	1	1	1	0	0
18.75°	2	1	1	1	1	1	1	1	1	0	0
17.5°	2	1	1	1	1	1	1	1	1	0	0
16.25°	2	1	1	1	1	1	1	1	1	0	0
15°	2	1	1	1	1	1	1	1	1	0	0
13.75°	2	1	1	1	1	1	1	1	1	0	0
12.5°	2	1	1	1	1	1	1	1	1	0	0
11.25°	2	1	1	1	1	1	1	1	1	0	0
10°	2	1	1	1	1	1	1	1	1	0	0
8.75°	2	1	1	1	1	1	1	1	1	0	0
7.5°	2	1	1	1	1	1	1	1	1	0	0
6.25°	2	1	1	1	1	1	1	1	1	0	0
5°	2	1	1	1	1	1	1	1	1	0	0
3.75°	2	1	1	1	1	1	1	1	1	0	0
2.5°	2	1	1	1	1	1	1	1	1	0	0
1.25°	2	1	1	1	1	1	1	1	1	0	0
0°	2	2	1	1	1	1	1	1	1	1	0
-1.25°	2	1	1	1	1	1	1	1	1	0	0
-2.5°	2	1	1	1	1	1	1	1	1	0	0
-3.75°	2	1	1	1	1	1	1	1	1	0	0
-5°	2	1	1	1	1	1	1	1	1	0	0
-6.25°	2	1	1	1	1	1	1	1	1	0	0
-7.5°	2	1	1	1	1	1	1	1	1	0	0
-8.75°	2	1	1	1	1	1	1	1	1	0	0
-10°	2	1	1	1	1	1	1	1	1	0	0
-11.25°	2	1	1	1	1	1	1	1	1	0	0
-12.5°	2	1	1	1	1	1	1	1	1	0	0
-13.75°	2	1	1	1	1	1	1	1	1	0	0
-15°	2	1	1	1	1	1	1	1	1	0	0
-16.25°	2	1	1	1	1	1	1	1	1	0	0
-17.5°	2	1	1	1	1	1	1	1	1	0	0
-18.75°	2	1	1	1	1	1	1	1	1	0	0
-20°	2	1	1	1	1	1	1	1	1	0	0
-21.25°	2	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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°	2	1	1	1	1	1	1	1	1	0	0
-23.75°	1	1	1	1	1	1	1	1	1	0	0
-25°	1	1	1	1	1	1	1	1	1	0	0
-26.25°	1	1	1	1	1	1	1	1	1	0	0
-27.5°	1	1	1	1	1	1	1	1	1	0	0
-28.75°	1	1	1	1	1	1	1	1	1	0	0
-30°	1	1	1	1	1	1	1	1	1	0	0
-31.25°	1	1	1	1	1	1	1	1	1	0	0
-32.5°	1	1	1	1	1	1	1	1	1	0	0
-33.75°	1	1	1	1	1	1	1	1	1	0	0
-35°	1	1	1	1	1	1	1	1	1	0	0
-36.25°	1	1	1	1	1	1	1	1	1	0	0
-37.5°	1	1	1	1	1	1	1	1	1	0	0
-38.75°	1	1	1	1	1	1	1	1	1	0	0
-40°	1	1	1	1	1	1	1	1	1	0	0
-41.25°	1	1	1	1	1	1	1	1	1	0	0
-42.5°	1	1	1	1	1	1	1	1	0	0	0
-43.75°	1	1	1	1	1	1	1	1	0	0	0
-45°	1	1	1	1	1	1	1	1	0	0	0
-46.25°	1	1	1	1	1	1	1	1	0	0	0
-47.5°	1	1	1	1	1	1	1	1	0	0	0
-48.75°	1	1	1	1	1	1	1	1	0	0	0
-50°	1	1	1	1	1	1	1	1	0	0	0
-51.25°	1	1	1	1	1	1	1	1	0	0	0
-52.5°	1	1	1	1	1	1	1	1	0	0	0
-53.75°	1	1	1	1	1	1	1	0	0	0	0
-55°	1	1	1	1	1	1	1	0	0	0	0
-56.25°	1	1	1	1	1	1	1	0	0	0	0
-57.5°	1	1	1	1	1	1	1	0	0	0	0
-58.75°	1	1	1	1	1	1	1	0	0	0	0
-60°	1	1	1	1	1	1	0	0	0	0	0
-61.25°	1	1	1	1	1	1	0	0	0	0	0
-62.5°	1	1	1	1	1	1	0	0	0	0	0
-63.75°	1	1	1	1	1	1	0	0	0	0	0
-65°	1	1	1	1	1	0	0	0	0	0	0
-66.25°	1	1	1	1	1	0	0	0	0	0	0
-67.5°	1	1	1	1	1	0	0	0	0	0	0
-68.75°	1	1	1	1	0	0	0	0	0	0	0
-70°	1	1	1	1	0	0	0	0	0	0	0
-71.25°	1	1	1	0	0	0	0	0	0	0	0
-72.5°	1	1	0	0	0	0	0	0	0	0	0
-73.75°	1	1	0	0	0	0	0	0	0	0	0
-75°	1	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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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: P29479 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-W-BK-L2-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)