

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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P29419 (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: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS, FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 4000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

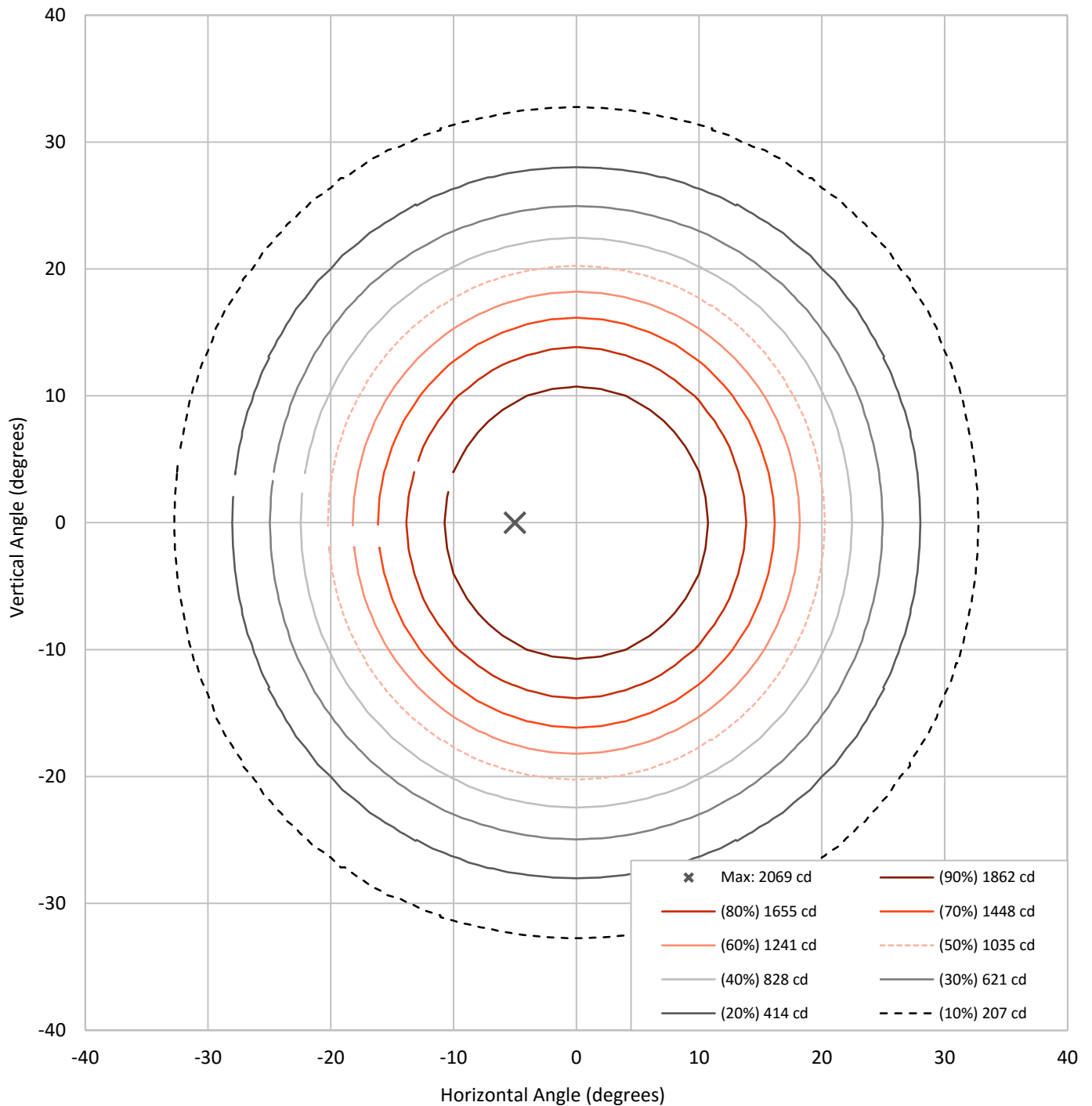
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1034.1 lumens	Max Intensity:	2069 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x 0°V
Efficacy:	103.4 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	40.5°H x 39.3°V	Field Angle (10%):	65.2°H x 64.7°V
Beam Lumens:	619.8 lumens	Field Lumens:	936.3 lumens
Beam Efficiency:	59.9%	Field Efficiency:	90.5%
Input Watts (W):	10		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-L1-UNV

Iso-Candela Plot





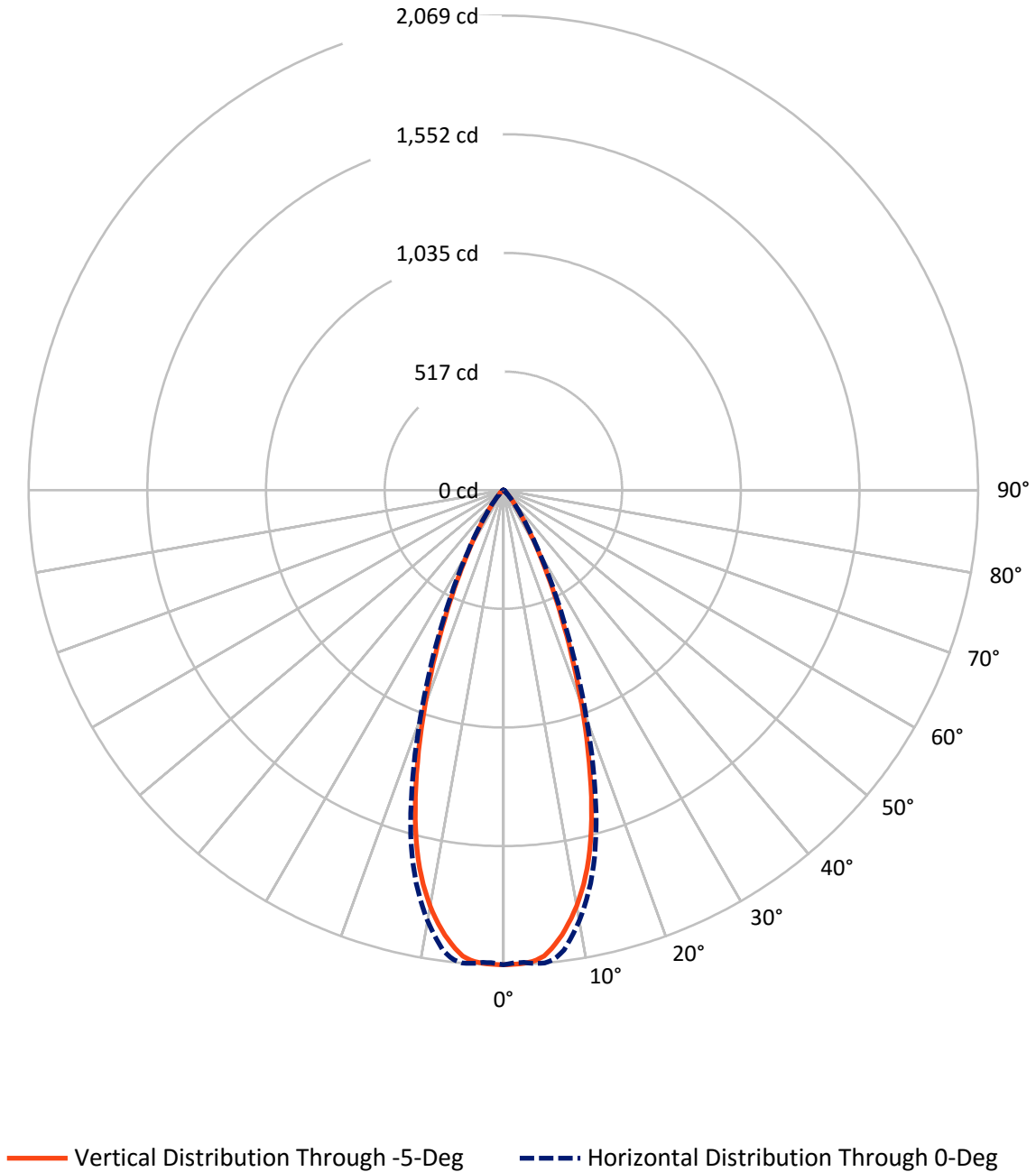
REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-L1-UNV

Lumen Table

90	0.0		0.0		0.1		0.2		0.2		0.2		0.1		0.0		0.0	
80	0.0		0.0		0.1		0.2		0.2		0.2		0.1		0.0		0.0	
70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0		
60		0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.0			
50	0.0	0.0	0.1	0.1	0.2	0.4	0.7	0.9	0.9	0.7	0.4	0.2	0.1	0.1	0.0	0.0		
40		0.1	0.1	0.2	0.5	1.4	3.0	4.5	4.5	3.0	1.4	0.5	0.2	0.1	0.1			
30	0.1	0.1	0.1	0.3	1.2	4.4	11.2	18.0	18.0	11.2	4.4	1.2	0.3	0.1	0.1	0.1		
20		0.1	0.1	0.5	2.5	10.6	27.9	43.6	43.6	27.9	10.6	2.5	0.5	0.1	0.1			
10	0.1	0.1	0.2	0.7	3.7	16.5	42.4	59.9	59.9	42.4	16.5	3.7	0.7	0.2	0.1	0.1		
0		0.1	0.2	0.7	3.7	16.5	42.4	59.9	59.9	42.4	16.5	3.7	0.7	0.2	0.1			
-10	0.1	0.1	0.1	0.5	2.5	10.6	27.9	43.6	43.6	27.9	10.6	2.5	0.5	0.1	0.1	0.1		
-20		0.1	0.1	0.3	1.2	4.4	11.2	18.0	18.0	11.2	4.4	1.2	0.3	0.1	0.1			
-30	0.0	0.1	0.1	0.2	0.5	1.4	3.0	4.5	4.5	3.0	1.4	0.5	0.2	0.1	0.1	0.0		
-40		0.0	0.1	0.1	0.2	0.4	0.7	0.9	0.9	0.7	0.4	0.2	0.1	0.1	0.0			
-50	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.0	0.0		
-60		0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.0			
-70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0		
-80		0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0			
-90	0.0		0.0		0.1		0.2		0.2		0.2		0.1		0.0		0.0	

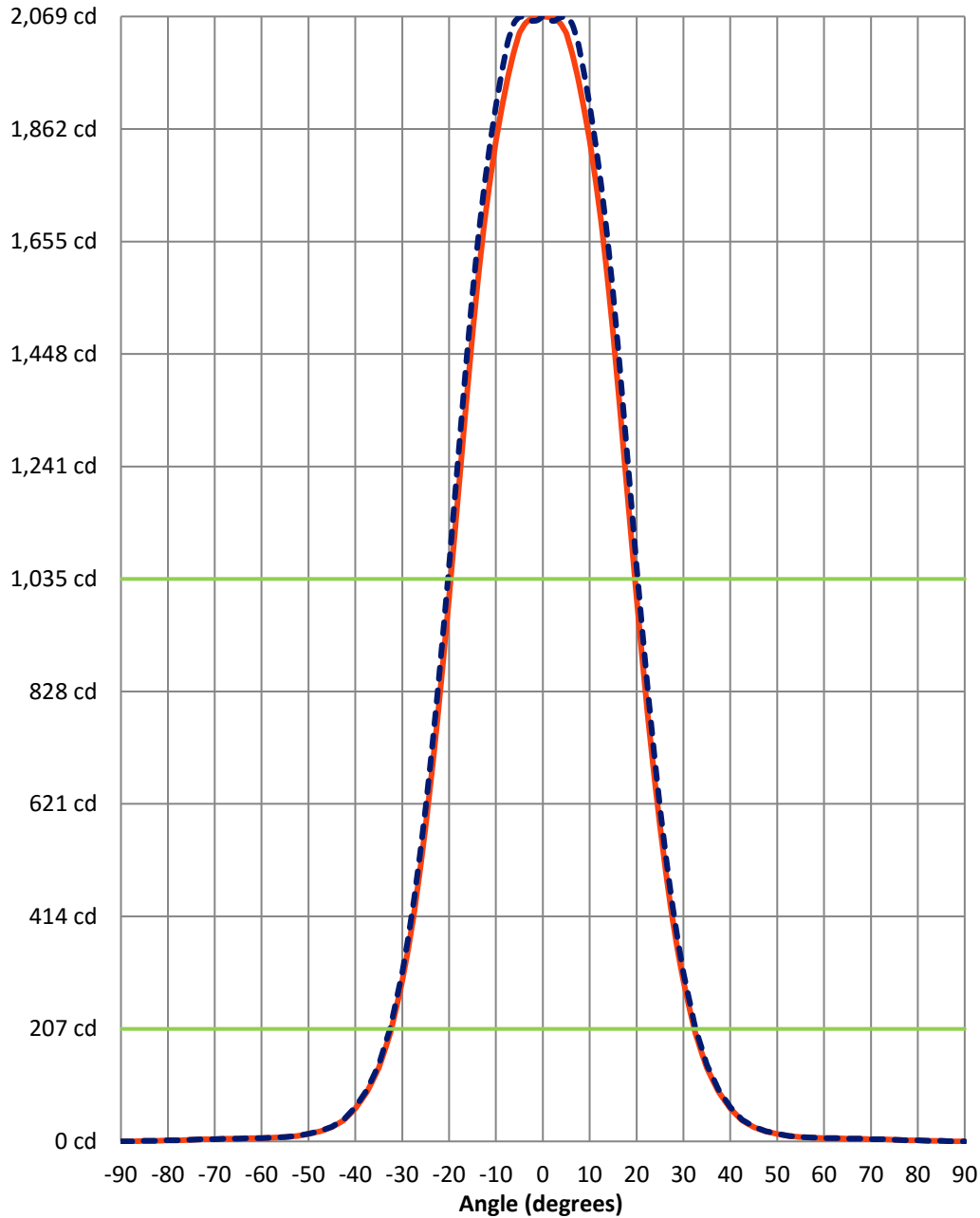
REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-L1-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 40.5°
 V Angle: 39.3°
 Lumens: 619.8
 Efficiency: 59.9%

Field:
 H Angle: 65.2°
 V Angle: 64.7°
 Lumens: 936.3
 Efficiency: 90.5%

Spill:
 Lumens: 97.8
 Efficiency: 9.5%

— Vertical Distribution through -5-Deg
 - - Horizontal Distribution through 0-Deg



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-L1-UNV

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	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	2
43.75°	0	0	0	0	0	1	1	1	1	1	2
42.5°	0	0	0	0	0	1	1	1	1	1	2
41.25°	0	0	0	0	1	1	1	1	1	1	2
40°	0	0	0	0	1	1	1	1	1	1	2
38.75°	0	0	0	0	1	1	1	1	1	2	2
37.5°	0	0	0	0	1	1	1	1	1	2	2
36.25°	0	0	0	0	1	1	1	1	1	2	2
35°	0	0	0	0	1	1	1	1	1	2	2



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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	1	1	1	1	1	2	2
32.5°	0	0	0	0	1	1	1	1	1	2	2
31.25°	0	0	0	0	1	1	1	1	1	2	2
30°	0	0	0	0	1	1	1	1	1	2	2
28.75°	0	0	0	0	1	1	1	1	2	2	2
27.5°	0	0	0	0	1	1	1	1	2	2	2
26.25°	0	0	0	0	1	1	1	1	2	2	2
25°	0	0	0	0	1	1	1	1	2	2	2
23.75°	0	0	0	0	1	1	1	1	2	2	2
22.5°	0	0	0	0	1	1	1	1	2	2	2
21.25°	0	0	0	0	1	1	1	1	2	2	2
20°	0	0	0	0	1	1	1	1	2	2	2
18.75°	0	0	0	0	1	1	1	1	2	2	2
17.5°	0	0	0	0	1	1	1	1	2	2	2
16.25°	0	0	0	0	1	1	1	1	2	2	2
15°	0	0	0	0	1	1	1	1	2	2	2
13.75°	0	0	0	0	1	1	1	1	2	2	2
12.5°	0	0	0	0	1	1	1	1	2	2	2
11.25°	0	0	0	0	1	1	1	1	2	2	2
10°	0	0	0	0	1	1	1	1	2	2	2
8.75°	0	0	0	0	1	1	1	1	2	2	2
7.5°	0	0	0	0	1	1	1	1	2	2	2
6.25°	0	0	0	0	1	1	1	1	2	2	2
5°	0	0	0	0	1	1	1	1	2	2	2
3.75°	0	0	0	0	1	1	1	1	2	2	2
2.5°	0	0	0	0	1	1	1	1	2	2	2
1.25°	0	0	0	0	1	1	1	1	2	2	2
0°	0	0	0	1	1	1	1	2	2	2	2
-1.25°	0	0	0	0	1	1	1	1	2	2	2
-2.5°	0	0	0	0	1	1	1	1	2	2	2
-3.75°	0	0	0	0	1	1	1	1	2	2	2
-5°	0	0	0	0	1	1	1	1	2	2	2
-6.25°	0	0	0	0	1	1	1	1	2	2	2
-7.5°	0	0	0	0	1	1	1	1	2	2	2
-8.75°	0	0	0	0	1	1	1	1	2	2	2
-10°	0	0	0	0	1	1	1	1	2	2	2
-11.25°	0	0	0	0	1	1	1	1	2	2	2
-12.5°	0	0	0	0	1	1	1	1	2	2	2
-13.75°	0	0	0	0	1	1	1	1	2	2	2
-15°	0	0	0	0	1	1	1	1	2	2	2
-16.25°	0	0	0	0	1	1	1	1	2	2	2
-17.5°	0	0	0	0	1	1	1	1	2	2	2
-18.75°	0	0	0	0	1	1	1	1	2	2	2
-20°	0	0	0	0	1	1	1	1	2	2	2
-21.25°	0	0	0	0	1	1	1	1	2	2	2



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	1	1	1	1	2	2	2
-23.75°	0	0	0	0	1	1	1	1	2	2	2
-25°	0	0	0	0	1	1	1	1	2	2	2
-26.25°	0	0	0	0	1	1	1	1	2	2	2
-27.5°	0	0	0	0	1	1	1	1	2	2	2
-28.75°	0	0	0	0	1	1	1	1	2	2	2
-30°	0	0	0	0	1	1	1	1	1	2	2
-31.25°	0	0	0	0	1	1	1	1	1	2	2
-32.5°	0	0	0	0	1	1	1	1	1	2	2
-33.75°	0	0	0	0	1	1	1	1	1	2	2
-35°	0	0	0	0	1	1	1	1	1	2	2
-36.25°	0	0	0	0	1	1	1	1	1	2	2
-37.5°	0	0	0	0	1	1	1	1	1	2	2
-38.75°	0	0	0	0	1	1	1	1	1	2	2
-40°	0	0	0	0	1	1	1	1	1	1	2
-41.25°	0	0	0	0	1	1	1	1	1	1	2
-42.5°	0	0	0	0	0	1	1	1	1	1	2
-43.75°	0	0	0	0	0	1	1	1	1	1	2
-45°	0	0	0	0	0	1	1	1	1	1	2
-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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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	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	2	2
67.5°	1	1	1	1	1	1	1	1	2	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	1	2	2	2	2	2
62.5°	1	1	1	1	1	2	2	2	2	2	2
61.25°	1	1	1	1	2	2	2	2	2	2	2
60°	1	1	1	1	2	2	2	2	2	2	2
58.75°	1	1	1	2	2	2	2	2	2	2	2
57.5°	1	1	1	2	2	2	2	2	2	2	2
56.25°	1	1	2	2	2	2	2	2	2	2	3
55°	1	1	2	2	2	2	2	2	2	3	3
53.75°	1	2	2	2	2	2	2	2	3	3	3
52.5°	1	2	2	2	2	2	2	2	3	3	3
51.25°	1	2	2	2	2	2	2	3	3	3	3
50°	2	2	2	2	2	2	2	3	3	3	4
48.75°	2	2	2	2	2	2	3	3	3	3	4
47.5°	2	2	2	2	2	2	3	3	3	4	4
46.25°	2	2	2	2	2	2	3	3	3	4	4
45°	2	2	2	2	2	3	3	3	4	4	4
43.75°	2	2	2	2	2	3	3	3	4	4	4
42.5°	2	2	2	2	2	3	3	4	4	4	4
41.25°	2	2	2	2	3	3	3	4	4	4	4
40°	2	2	2	2	3	3	3	4	4	4	4
38.75°	2	2	2	2	3	3	4	4	4	4	4
37.5°	2	2	2	3	3	3	4	4	4	4	4
36.25°	2	2	2	3	3	3	4	4	4	4	4
35°	2	2	2	3	3	4	4	4	4	4	4



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	2	2	2	3	3	4	4	4	4	4	5
32.5°	2	2	2	3	3	4	4	4	4	4	5
31.25°	2	2	3	3	3	4	4	4	4	4	5
30°	2	2	3	3	3	4	4	4	4	5	5
28.75°	2	2	3	3	4	4	4	4	4	5	5
27.5°	2	2	3	3	4	4	4	4	4	5	5
26.25°	2	2	3	3	4	4	4	4	4	5	5
25°	2	2	3	3	4	4	4	4	5	5	5
23.75°	2	2	3	3	4	4	4	4	5	5	5
22.5°	2	3	3	3	4	4	4	4	5	5	5
21.25°	2	3	3	4	4	4	4	4	5	5	5
20°	2	3	3	4	4	4	4	4	5	5	5
18.75°	2	3	3	4	4	4	4	4	5	5	5
17.5°	2	3	3	4	4	4	4	5	5	5	5
16.25°	2	3	3	4	4	4	4	5	5	5	5
15°	2	3	3	4	4	4	4	5	5	5	5
13.75°	2	3	3	4	4	4	4	5	5	5	5
12.5°	2	3	3	4	4	4	4	5	5	5	5
11.25°	2	3	3	4	4	4	4	5	5	5	5
10°	2	3	3	4	4	4	4	5	5	5	5
8.75°	2	3	3	4	4	4	4	5	5	5	5
7.5°	2	3	3	4	4	4	4	5	5	5	5
6.25°	2	3	3	4	4	4	4	5	5	5	5
5°	2	3	3	4	4	4	4	5	5	5	5
3.75°	2	3	3	4	4	4	4	5	5	5	5
2.5°	2	3	3	4	4	4	4	5	5	5	5
1.25°	2	3	3	4	4	4	4	5	5	5	5
0°	3	3	4	4	4	4	5	5	5	5	6
-1.25°	2	3	3	4	4	4	4	5	5	5	5
-2.5°	2	3	3	4	4	4	4	5	5	5	5
-3.75°	2	3	3	4	4	4	4	5	5	5	5
-5°	2	3	3	4	4	4	4	5	5	5	5
-6.25°	2	3	3	4	4	4	4	5	5	5	5
-7.5°	2	3	3	4	4	4	4	5	5	5	5
-8.75°	2	3	3	4	4	4	4	5	5	5	5
-10°	2	3	3	4	4	4	4	5	5	5	5
-11.25°	2	3	3	4	4	4	4	5	5	5	5
-12.5°	2	3	3	4	4	4	4	5	5	5	5
-13.75°	2	3	3	4	4	4	4	5	5	5	5
-15°	2	3	3	4	4	4	4	5	5	5	5
-16.25°	2	3	3	4	4	4	4	5	5	5	5
-17.5°	2	3	3	4	4	4	4	5	5	5	5
-18.75°	2	3	3	4	4	4	4	4	5	5	5
-20°	2	3	3	4	4	4	4	4	5	5	5
-21.25°	2	3	3	4	4	4	4	4	5	5	5



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	2	3	3	3	4	4	4	4	5	5	5
-23.75°	2	2	3	3	4	4	4	4	5	5	5
-25°	2	2	3	3	4	4	4	4	5	5	5
-26.25°	2	2	3	3	4	4	4	4	4	5	5
-27.5°	2	2	3	3	4	4	4	4	4	5	5
-28.75°	2	2	3	3	4	4	4	4	4	5	5
-30°	2	2	3	3	3	4	4	4	4	5	5
-31.25°	2	2	3	3	3	4	4	4	4	4	5
-32.5°	2	2	2	3	3	4	4	4	4	4	5
-33.75°	2	2	2	3	3	4	4	4	4	4	5
-35°	2	2	2	3	3	4	4	4	4	4	4
-36.25°	2	2	2	3	3	3	4	4	4	4	4
-37.5°	2	2	2	3	3	3	4	4	4	4	4
-38.75°	2	2	2	2	3	3	4	4	4	4	4
-40°	2	2	2	2	3	3	3	4	4	4	4
-41.25°	2	2	2	2	3	3	3	4	4	4	4
-42.5°	2	2	2	2	2	3	3	4	4	4	4
-43.75°	2	2	2	2	2	3	3	3	4	4	4
-45°	2	2	2	2	2	3	3	3	4	4	4
-46.25°	2	2	2	2	2	2	3	3	3	4	4
-47.5°	2	2	2	2	2	2	3	3	3	4	4
-48.75°	2	2	2	2	2	2	3	3	3	3	4
-50°	2	2	2	2	2	2	2	3	3	3	4
-51.25°	1	2	2	2	2	2	2	3	3	3	3
-52.5°	1	2	2	2	2	2	2	2	3	3	3
-53.75°	1	2	2	2	2	2	2	2	3	3	3
-55°	1	1	2	2	2	2	2	2	2	3	3
-56.25°	1	1	2	2	2	2	2	2	2	2	3
-57.5°	1	1	1	2	2	2	2	2	2	2	2
-58.75°	1	1	1	2	2	2	2	2	2	2	2
-60°	1	1	1	1	2	2	2	2	2	2	2
-61.25°	1	1	1	1	2	2	2	2	2	2	2
-62.5°	1	1	1	1	1	2	2	2	2	2	2
-63.75°	1	1	1	1	1	1	2	2	2	2	2
-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	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	2	2
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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	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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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	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	2
75°	1	1	1	1	1	1	1	2	2	2	2
73.75°	1	1	1	1	1	2	2	2	2	2	2
72.5°	1	1	1	2	2	2	2	2	2	2	2
71.25°	1	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	3	3
66.25°	2	2	2	2	2	2	2	3	3	3	3
65°	2	2	2	2	2	2	3	3	3	3	3
63.75°	2	2	2	2	2	3	3	3	3	3	4
62.5°	2	2	2	3	3	3	3	3	4	4	4
61.25°	2	2	3	3	3	3	3	4	4	4	4
60°	2	3	3	3	3	3	4	4	4	4	4
58.75°	3	3	3	3	3	4	4	4	4	4	4
57.5°	3	3	3	3	4	4	4	4	4	4	4
56.25°	3	3	3	4	4	4	4	4	4	4	4
55°	3	3	4	4	4	4	4	4	4	4	5
53.75°	3	4	4	4	4	4	4	4	4	5	5
52.5°	4	4	4	4	4	4	4	4	5	5	5
51.25°	4	4	4	4	4	4	4	5	5	5	5
50°	4	4	4	4	4	4	5	5	5	5	5
48.75°	4	4	4	4	4	5	5	5	5	5	5
47.5°	4	4	4	4	5	5	5	5	5	5	5
46.25°	4	4	4	4	5	5	5	5	5	5	6
45°	4	4	4	5	5	5	5	5	5	6	6
43.75°	4	4	4	5	5	5	5	5	5	6	6
42.5°	4	4	5	5	5	5	5	5	6	6	6
41.25°	4	4	5	5	5	5	5	6	6	6	6
40°	4	5	5	5	5	5	5	6	6	6	6
38.75°	4	5	5	5	5	5	6	6	6	6	6
37.5°	5	5	5	5	5	5	6	6	6	6	6
36.25°	5	5	5	5	5	6	6	6	6	6	6
35°	5	5	5	5	5	6	6	6	6	6	7



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	5	5	5	5	6	6	6	6	6	7	7
32.5°	5	5	5	5	6	6	6	6	6	7	7
31.25°	5	5	5	6	6	6	6	6	7	7	7
30°	5	5	5	6	6	6	6	6	7	7	8
28.75°	5	5	5	6	6	6	6	6	7	7	8
27.5°	5	5	6	6	6	6	6	7	7	7	8
26.25°	5	5	6	6	6	6	6	7	7	8	8
25°	5	5	6	6	6	6	7	7	7	8	9
23.75°	5	5	6	6	6	6	7	7	8	8	9
22.5°	5	6	6	6	6	6	7	7	8	8	9
21.25°	5	6	6	6	6	6	7	7	8	9	9
20°	5	6	6	6	6	7	7	8	8	9	10
18.75°	5	6	6	6	6	7	7	8	8	9	10
17.5°	5	6	6	6	6	7	7	8	8	9	10
16.25°	6	6	6	6	6	7	7	8	9	10	11
15°	6	6	6	6	7	7	7	8	9	10	11
13.75°	6	6	6	6	7	7	8	8	9	10	12
12.5°	6	6	6	6	7	7	8	8	9	10	12
11.25°	6	6	6	6	7	7	8	8	9	11	13
10°	6	6	6	6	7	7	8	8	9	11	13
8.75°	6	6	6	6	7	7	8	9	10	11	13
7.5°	6	6	6	6	7	7	8	9	10	11	13
6.25°	6	6	6	6	7	7	8	9	10	12	14
5°	6	6	6	6	7	7	8	9	10	12	14
3.75°	6	6	6	6	7	7	8	9	10	12	14
2.5°	6	6	6	6	7	7	8	9	10	12	14
1.25°	6	6	6	6	7	7	8	9	10	12	14
0°	6	6	6	7	7	8	8	9	10	12	14
-1.25°	6	6	6	6	7	7	8	9	10	12	14
-2.5°	6	6	6	6	7	7	8	9	10	12	14
-3.75°	6	6	6	6	7	7	8	9	10	12	14
-5°	6	6	6	6	7	7	8	9	10	12	14
-6.25°	6	6	6	6	7	7	8	9	10	12	14
-7.5°	6	6	6	6	7	7	8	9	10	11	13
-8.75°	6	6	6	6	7	7	8	9	10	11	13
-10°	6	6	6	6	7	7	8	8	9	11	13
-11.25°	6	6	6	6	7	7	8	8	9	11	13
-12.5°	6	6	6	6	7	7	8	8	9	10	12
-13.75°	6	6	6	6	7	7	8	8	9	10	12
-15°	6	6	6	6	7	7	7	8	9	10	11
-16.25°	6	6	6	6	6	7	7	8	9	10	11
-17.5°	5	6	6	6	6	7	7	8	8	9	10
-18.75°	5	6	6	6	6	7	7	8	8	9	10
-20°	5	6	6	6	6	7	7	8	8	9	10
-21.25°	5	6	6	6	6	6	7	7	8	9	9



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	5	6	6	6	6	6	7	7	8	8	9
-23.75°	5	5	6	6	6	6	7	7	8	8	9
-25°	5	5	6	6	6	6	7	7	7	8	9
-26.25°	5	5	6	6	6	6	6	7	7	8	8
-27.5°	5	5	6	6	6	6	6	7	7	7	8
-28.75°	5	5	5	6	6	6	6	6	7	7	8
-30°	5	5	5	6	6	6	6	6	7	7	8
-31.25°	5	5	5	6	6	6	6	6	7	7	7
-32.5°	5	5	5	5	6	6	6	6	6	7	7
-33.75°	5	5	5	5	6	6	6	6	6	7	7
-35°	5	5	5	5	5	6	6	6	6	6	7
-36.25°	5	5	5	5	5	6	6	6	6	6	6
-37.5°	5	5	5	5	5	5	6	6	6	6	6
-38.75°	4	5	5	5	5	5	6	6	6	6	6
-40°	4	5	5	5	5	5	5	6	6	6	6
-41.25°	4	4	5	5	5	5	5	6	6	6	6
-42.5°	4	4	5	5	5	5	5	5	6	6	6
-43.75°	4	4	4	5	5	5	5	5	5	6	6
-45°	4	4	4	5	5	5	5	5	5	6	6
-46.25°	4	4	4	4	5	5	5	5	5	5	6
-47.5°	4	4	4	4	5	5	5	5	5	5	5
-48.75°	4	4	4	4	4	5	5	5	5	5	5
-50°	4	4	4	4	4	4	5	5	5	5	5
-51.25°	4	4	4	4	4	4	4	5	5	5	5
-52.5°	4	4	4	4	4	4	4	4	5	5	5
-53.75°	3	4	4	4	4	4	4	4	4	5	5
-55°	3	3	4	4	4	4	4	4	4	4	5
-56.25°	3	3	3	4	4	4	4	4	4	4	4
-57.5°	3	3	3	3	4	4	4	4	4	4	4
-58.75°	3	3	3	3	3	4	4	4	4	4	4
-60°	2	3	3	3	3	3	4	4	4	4	4
-61.25°	2	2	3	3	3	3	3	4	4	4	4
-62.5°	2	2	2	3	3	3	3	3	4	4	4
-63.75°	2	2	2	2	2	3	3	3	3	3	4
-65°	2	2	2	2	2	2	3	3	3	3	3
-66.25°	2	2	2	2	2	2	2	3	3	3	3
-67.5°	2	2	2	2	2	2	2	2	2	3	3
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	1	2	2	2	2	2	2	2	2	2	2
-72.5°	1	1	1	2	2	2	2	2	2	2	2
-73.75°	1	1	1	1	1	2	2	2	2	2	2
-75°	1	1	1	1	1	1	1	2	2	2	2
-76.25°	1	1	1	1	1	1	1	1	1	1	2
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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	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	2	2	2
77.5°	1	1	1	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
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°	2	2	2	2	2	2	2	2	2	3	3
71.25°	2	2	2	2	2	2	3	3	3	3	3
70°	2	2	2	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	4	4	4
67.5°	3	3	3	3	3	4	4	4	4	4	4
66.25°	3	3	3	4	4	4	4	4	4	4	4
65°	3	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	5	5
61.25°	4	4	4	4	4	4	4	5	5	5	5
60°	4	4	4	4	4	5	5	5	5	5	5
58.75°	4	4	4	5	5	5	5	5	5	5	5
57.5°	4	5	5	5	5	5	5	5	5	5	5
56.25°	5	5	5	5	5	5	5	5	5	5	6
55°	5	5	5	5	5	5	5	5	6	6	6
53.75°	5	5	5	5	5	5	6	6	6	6	6
52.5°	5	5	5	5	5	6	6	6	6	6	6
51.25°	5	5	5	6	6	6	6	6	6	6	6
50°	5	5	6	6	6	6	6	6	6	6	6
48.75°	5	6	6	6	6	6	6	6	6	7	7
47.5°	6	6	6	6	6	6	6	6	7	7	7
46.25°	6	6	6	6	6	6	7	7	7	7	8
45°	6	6	6	6	6	7	7	7	7	8	8
43.75°	6	6	6	6	7	7	7	7	8	8	9
42.5°	6	6	6	7	7	7	7	8	8	9	9
41.25°	6	6	7	7	7	7	8	8	9	9	10
40°	6	6	7	7	7	8	8	9	9	10	11
38.75°	6	7	7	7	8	8	9	9	10	11	12
37.5°	7	7	7	8	8	9	9	10	11	12	14
36.25°	7	7	8	8	9	9	10	11	12	14	15
35°	7	7	8	8	9	10	11	12	14	15	17



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	7	8	8	9	10	10	12	13	15	17	18
32.5°	8	8	9	9	10	12	13	14	16	18	20
31.25°	8	8	9	10	11	13	14	16	18	20	22
30°	8	9	9	10	12	13	15	17	19	22	25
28.75°	8	9	10	11	13	15	16	18	21	24	27
27.5°	9	9	11	12	14	16	18	20	23	26	30
26.25°	9	10	11	13	15	17	19	22	25	29	34
25°	9	10	12	14	16	18	20	24	27	32	37
23.75°	10	11	13	15	17	19	22	25	30	35	41
22.5°	10	12	14	16	18	20	24	27	33	38	46
21.25°	11	12	14	16	19	22	25	30	35	42	51
20°	11	13	15	17	20	23	27	32	38	46	56
18.75°	12	14	16	18	21	25	29	35	41	51	61
17.5°	12	14	17	19	22	26	31	37	45	55	67
16.25°	13	15	17	20	24	27	33	39	49	59	72
15°	13	15	18	21	25	29	35	42	53	63	78
13.75°	14	16	18	22	26	31	37	45	56	68	83
12.5°	14	17	19	23	27	32	39	48	59	73	88
11.25°	15	17	20	24	28	34	40	51	62	77	92
10°	15	17	20	24	29	35	42	54	65	81	96
8.75°	15	18	21	25	30	36	45	56	68	84	101
7.5°	16	18	22	25	31	37	46	58	71	87	106
6.25°	16	18	22	26	32	38	48	59	74	89	110
5°	16	19	22	26	32	39	49	61	76	91	113
3.75°	16	19	23	27	33	39	50	62	77	93	115
2.5°	16	19	23	27	33	40	51	62	78	94	117
1.25°	16	19	23	27	33	40	51	63	79	95	118
0°	17	19	23	27	34	40	52	63	79	95	118
-1.25°	16	19	23	27	33	40	51	63	79	95	118
-2.5°	16	19	23	27	33	40	51	62	78	94	117
-3.75°	16	19	23	27	33	39	50	62	77	93	115
-5°	16	19	22	26	32	39	49	61	76	91	113
-6.25°	16	18	22	26	32	38	48	59	74	89	110
-7.5°	16	18	22	25	31	37	46	58	71	87	106
-8.75°	15	18	21	25	30	36	45	56	68	84	101
-10°	15	17	20	24	29	35	42	54	65	81	96
-11.25°	15	17	20	24	28	34	40	51	62	77	92
-12.5°	14	17	19	23	27	32	39	48	59	73	88
-13.75°	14	16	18	22	26	31	37	45	56	68	83
-15°	13	15	18	21	25	29	35	42	53	63	78
-16.25°	13	15	17	20	24	27	33	39	49	59	72
-17.5°	12	14	17	19	22	26	31	37	45	55	67
-18.75°	12	14	16	18	21	25	29	35	41	51	61
-20°	11	13	15	17	20	23	27	32	38	46	56
-21.25°	11	12	14	16	19	22	25	30	35	42	51



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	10	12	14	16	18	20	24	27	33	38	46
-23.75°	10	11	13	15	17	19	22	25	30	35	41
-25°	9	10	12	14	16	18	20	24	27	32	37
-26.25°	9	10	11	13	15	17	19	22	25	29	34
-27.5°	9	9	11	12	14	16	18	20	23	26	30
-28.75°	8	9	10	11	13	15	16	18	21	24	27
-30°	8	9	9	10	12	13	15	17	19	22	25
-31.25°	8	8	9	10	11	13	14	16	18	20	22
-32.5°	8	8	9	9	10	12	13	14	16	18	20
-33.75°	7	8	8	9	10	10	12	13	15	17	18
-35°	7	7	8	8	9	10	11	12	14	15	17
-36.25°	7	7	8	8	9	9	10	11	12	14	15
-37.5°	7	7	7	8	8	9	9	10	11	12	14
-38.75°	6	7	7	7	8	8	9	9	10	11	12
-40°	6	6	7	7	7	8	8	9	9	10	11
-41.25°	6	6	7	7	7	7	8	8	9	9	10
-42.5°	6	6	6	7	7	7	7	8	8	9	9
-43.75°	6	6	6	6	7	7	7	7	8	8	9
-45°	6	6	6	6	6	7	7	7	7	8	8
-46.25°	6	6	6	6	6	6	7	7	7	7	8
-47.5°	6	6	6	6	6	6	6	6	7	7	7
-48.75°	5	6	6	6	6	6	6	6	6	7	7
-50°	5	5	6	6	6	6	6	6	6	6	6
-51.25°	5	5	5	6	6	6	6	6	6	6	6
-52.5°	5	5	5	5	5	6	6	6	6	6	6
-53.75°	5	5	5	5	5	5	6	6	6	6	6
-55°	5	5	5	5	5	5	5	5	6	6	6
-56.25°	5	5	5	5	5	5	5	5	5	5	6
-57.5°	4	5	5	5	5	5	5	5	5	5	5
-58.75°	4	4	4	5	5	5	5	5	5	5	5
-60°	4	4	4	4	4	5	5	5	5	5	5
-61.25°	4	4	4	4	4	4	4	5	5	5	5
-62.5°	4	4	4	4	4	4	4	4	4	5	5
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	3	4	4	4	4	4	4	4	4	4	4
-66.25°	3	3	3	4	4	4	4	4	4	4	4
-67.5°	3	3	3	3	3	4	4	4	4	4	4
-68.75°	3	3	3	3	3	3	3	3	4	4	4
-70°	2	2	2	3	3	3	3	3	3	3	3
-71.25°	2	2	2	2	2	2	3	3	3	3	3
-72.5°	2	2	2	2	2	2	2	2	2	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°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	1	1	1	2	2	2	2	2	2	2	2



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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	2	2	2
-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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	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	2	2	2	2	2	2
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	3
73.75°	2	2	2	3	3	3	3	3	3	3	3
72.5°	3	3	3	3	3	3	3	3	3	3	3
71.25°	3	3	3	3	3	4	4	4	4	4	4
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	5	5	5
65°	4	4	4	4	5	5	5	5	5	5	5
63.75°	4	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	6
60°	5	5	5	5	5	5	6	6	6	6	6
58.75°	5	5	5	6	6	6	6	6	6	6	6
57.5°	5	6	6	6	6	6	6	6	6	6	6
56.25°	6	6	6	6	6	6	6	6	6	6	6
55°	6	6	6	6	6	6	6	6	7	7	7
53.75°	6	6	6	6	6	6	7	7	7	7	7
52.5°	6	6	6	7	7	7	7	7	7	8	8
51.25°	6	7	7	7	7	7	7	8	8	8	8
50°	7	7	7	7	8	8	8	8	9	9	9
48.75°	7	7	8	8	8	8	9	9	9	10	10
47.5°	7	8	8	8	9	9	9	10	10	11	12
46.25°	8	8	9	9	9	10	11	11	12	13	14
45°	8	9	9	10	10	11	12	13	14	15	16
43.75°	9	10	10	11	12	13	14	15	16	17	18
42.5°	10	10	12	13	13	15	16	17	18	19	20
41.25°	11	12	13	14	15	16	18	19	20	22	24
40°	12	13	14	16	17	18	20	22	24	25	27
38.75°	14	15	16	18	19	21	23	25	27	30	33
37.5°	15	17	18	20	22	24	26	29	32	35	38
36.25°	17	18	20	22	25	27	30	34	37	41	46
35°	18	20	23	25	28	32	35	39	44	50	55



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	20	23	25	29	33	36	40	47	53	59	65
32.5°	23	25	29	33	37	42	49	55	62	70	78
31.25°	25	29	33	37	42	50	57	64	73	82	91
30°	28	33	37	42	50	57	65	75	85	94	107
28.75°	32	36	42	50	57	66	76	87	97	111	124
27.5°	35	40	49	57	65	76	87	99	113	128	142
26.25°	39	47	55	64	75	87	99	114	129	146	167
25°	44	53	62	73	85	97	113	129	147	170	192
23.75°	50	59	70	82	94	111	128	146	170	194	220
22.5°	55	65	78	91	107	124	142	167	192	220	254
21.25°	61	73	86	101	119	137	162	188	216	252	287
20°	67	81	94	113	131	154	181	208	246	283	322
18.75°	74	88	104	124	144	172	200	235	275	314	360
17.5°	81	95	114	134	160	189	221	262	302	349	401
16.25°	87	104	124	145	175	205	245	287	333	386	443
15°	92	112	133	159	190	225	268	312	364	422	486
13.75°	99	120	141	172	204	245	290	339	396	459	529
12.5°	106	128	153	185	219	265	310	365	427	496	572
11.25°	113	134	163	196	236	282	332	391	458	532	612
10°	118	140	173	206	251	298	353	415	487	566	652
8.75°	124	148	182	217	265	313	372	439	515	598	687
7.5°	128	155	189	228	276	328	390	460	539	626	721
6.25°	132	162	195	238	287	341	405	479	561	652	750
5°	135	167	201	246	295	352	418	495	580	673	774
3.75°	138	170	205	252	302	360	429	508	595	690	795
2.5°	140	173	208	256	306	367	437	517	605	703	809
1.25°	141	175	209	259	309	371	442	522	612	710	818
0°	141	176	210	260	310	373	444	524	614	713	821
-1.25°	141	175	209	259	309	371	442	522	612	710	818
-2.5°	140	173	208	256	306	367	437	517	605	703	809
-3.75°	138	170	205	252	302	360	429	508	595	690	795
-5°	135	167	201	246	295	352	418	495	580	673	774
-6.25°	132	162	195	238	287	341	405	479	561	652	750
-7.5°	128	155	189	228	276	328	390	460	539	626	721
-8.75°	124	148	182	217	265	313	372	439	515	598	687
-10°	118	140	173	206	251	298	353	415	487	566	652
-11.25°	113	134	163	196	236	282	332	391	458	532	612
-12.5°	106	128	153	185	219	265	310	365	427	496	572
-13.75°	99	120	141	172	204	245	290	339	396	459	529
-15°	92	112	133	159	190	225	268	312	364	422	486
-16.25°	87	104	124	145	175	205	245	287	333	386	443
-17.5°	81	95	114	134	160	189	221	262	302	349	401
-18.75°	74	88	104	124	144	172	200	235	275	314	360
-20°	67	81	94	113	131	154	181	208	246	283	322
-21.25°	61	73	86	101	119	137	162	188	216	252	287



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	55	65	78	91	107	124	142	167	192	220	254
-23.75°	50	59	70	82	94	111	128	146	170	194	220
-25°	44	53	62	73	85	97	113	129	147	170	192
-26.25°	39	47	55	64	75	87	99	114	129	146	167
-27.5°	35	40	49	57	65	76	87	99	113	128	142
-28.75°	32	36	42	50	57	66	76	87	97	111	124
-30°	28	33	37	42	50	57	65	75	85	94	107
-31.25°	25	29	33	37	42	50	57	64	73	82	91
-32.5°	23	25	29	33	37	42	49	55	62	70	78
-33.75°	20	23	25	29	33	36	40	47	53	59	65
-35°	18	20	23	25	28	32	35	39	44	50	55
-36.25°	17	18	20	22	25	27	30	34	37	41	46
-37.5°	15	17	18	20	22	24	26	29	32	35	38
-38.75°	14	15	16	18	19	21	23	25	27	30	33
-40°	12	13	14	16	17	18	20	22	24	25	27
-41.25°	11	12	13	14	15	16	18	19	20	22	24
-42.5°	10	10	12	13	13	15	16	17	18	19	20
-43.75°	9	10	10	11	12	13	14	15	16	17	18
-45°	8	9	9	10	10	11	12	13	14	15	16
-46.25°	8	8	9	9	9	10	11	11	12	13	14
-47.5°	7	8	8	8	9	9	9	10	10	11	12
-48.75°	7	7	8	8	8	8	9	9	9	10	10
-50°	7	7	7	7	8	8	8	8	9	9	9
-51.25°	6	7	7	7	7	7	7	8	8	8	8
-52.5°	6	6	6	7	7	7	7	7	7	8	8
-53.75°	6	6	6	6	6	6	7	7	7	7	7
-55°	6	6	6	6	6	6	6	6	7	7	7
-56.25°	6	6	6	6	6	6	6	6	6	6	6
-57.5°	5	6	6	6	6	6	6	6	6	6	6
-58.75°	5	5	5	6	6	6	6	6	6	6	6
-60°	5	5	5	5	5	5	6	6	6	6	6
-61.25°	5	5	5	5	5	5	5	5	5	5	6
-62.5°	5	5	5	5	5	5	5	5	5	5	5
-63.75°	4	5	5	5	5	5	5	5	5	5	5
-65°	4	4	4	4	5	5	5	5	5	5	5
-66.25°	4	4	4	4	4	4	4	4	5	5	5
-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	4	4	4	4	4	4
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	2	2	2	3	3	3	3	3	3	3	3
-75°	2	2	2	2	2	2	2	2	2	2	3
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	2	2	2	2	2	2	2	2	2	2	2
-80°	1	1	1	1	1	2	2	2	2	2	2
-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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	2	2	2	2	2	2	2	2	2	2	2
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	3	3	3	3	3	3	3	3	3	3	3
73.75°	3	3	3	3	3	3	3	3	3	3	3
72.5°	4	4	4	4	4	4	4	4	4	4	4
71.25°	4	4	4	4	4	4	4	4	4	4	4
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	5	5	5	5	5	5	5	5
66.25°	5	5	5	5	5	5	5	5	5	5	5
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	6	6	6	6	6	6	6
61.25°	6	6	6	6	6	6	6	6	6	6	6
60°	6	6	6	6	6	6	6	6	6	6	6
58.75°	6	6	6	6	6	6	6	6	6	6	6
57.5°	6	6	6	6	6	7	7	7	7	7	7
56.25°	6	7	7	7	7	7	7	7	7	7	7
55°	7	7	7	7	7	7	8	8	8	8	8
53.75°	7	8	8	8	8	8	8	8	8	8	9
52.5°	8	8	8	8	9	9	9	9	9	9	10
51.25°	9	9	9	9	10	10	10	10	11	11	11
50°	9	10	10	10	11	11	12	12	13	13	13
48.75°	11	11	12	12	13	13	14	14	15	15	15
47.5°	12	13	14	14	15	15	16	17	17	17	18
46.25°	14	15	16	17	17	18	18	19	20	20	21
45°	16	17	18	19	20	21	22	23	24	24	25
43.75°	19	20	21	22	24	25	26	27	28	29	30
42.5°	22	23	25	26	27	29	31	32	34	35	36
41.25°	25	27	29	31	33	35	37	39	40	42	45
40°	30	32	35	37	39	42	45	48	51	54	56
38.75°	35	38	41	45	49	53	56	59	62	65	68
37.5°	42	46	51	55	59	63	68	73	77	81	84
36.25°	51	56	61	67	72	78	83	88	92	96	101
35°	61	67	74	81	87	92	99	106	113	118	124



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	73	81	88	95	104	112	120	128	134	140	148
32.5°	86	94	104	114	124	133	141	153	163	173	182
31.25°	101	113	124	134	145	159	172	185	196	206	217
30°	119	131	144	160	175	190	204	219	236	251	265
28.75°	137	154	172	189	205	225	245	265	282	298	313
27.5°	162	181	200	221	245	268	290	310	332	353	372
26.25°	188	208	235	262	287	312	339	365	391	415	439
25°	216	246	275	302	333	364	396	427	458	487	515
23.75°	252	283	314	349	386	422	459	496	532	566	598
22.5°	287	322	360	401	443	486	529	572	612	652	687
21.25°	325	367	410	458	506	555	604	653	699	744	785
20°	367	414	465	518	573	628	683	738	791	842	889
18.75°	410	465	523	583	644	705	767	829	889	945	997
17.5°	458	518	583	649	717	785	855	924	989	1050	1110
16.25°	506	573	644	717	792	868	945	1019	1092	1161	1222
15°	555	628	705	785	868	952	1035	1117	1195	1266	1333
13.75°	604	683	767	855	945	1035	1125	1212	1294	1372	1441
12.5°	653	738	829	924	1019	1117	1212	1303	1390	1470	1539
11.25°	699	791	889	989	1092	1195	1294	1390	1479	1558	1627
10°	744	842	945	1050	1161	1266	1372	1470	1558	1637	1702
8.75°	785	889	997	1110	1222	1333	1441	1539	1627	1702	1766
7.5°	823	932	1044	1163	1277	1393	1501	1598	1684	1757	1820
6.25°	856	969	1086	1207	1326	1444	1552	1650	1732	1803	1865
5°	885	1001	1122	1244	1368	1485	1593	1688	1769	1841	1901
3.75°	907	1026	1151	1274	1399	1517	1625	1719	1798	1869	1930
2.5°	924	1044	1171	1296	1422	1540	1648	1739	1819	1889	1951
1.25°	934	1054	1183	1310	1436	1554	1661	1751	1831	1901	1963
0°	937	1058	1187	1314	1441	1559	1665	1756	1836	1905	1968
-1.25°	934	1054	1183	1310	1436	1554	1661	1751	1831	1901	1963
-2.5°	924	1044	1171	1296	1422	1540	1648	1739	1819	1889	1951
-3.75°	907	1026	1151	1274	1399	1517	1625	1719	1798	1869	1930
-5°	885	1001	1122	1244	1368	1485	1593	1688	1769	1841	1901
-6.25°	856	969	1086	1207	1326	1444	1552	1650	1732	1803	1865
-7.5°	823	932	1044	1163	1277	1393	1501	1598	1684	1757	1820
-8.75°	785	889	997	1110	1222	1333	1441	1539	1627	1702	1766
-10°	744	842	945	1050	1161	1266	1372	1470	1558	1637	1702
-11.25°	699	791	889	989	1092	1195	1294	1390	1479	1558	1627
-12.5°	653	738	829	924	1019	1117	1212	1303	1390	1470	1539
-13.75°	604	683	767	855	945	1035	1125	1212	1294	1372	1441
-15°	555	628	705	785	868	952	1035	1117	1195	1266	1333
-16.25°	506	573	644	717	792	868	945	1019	1092	1161	1222
-17.5°	458	518	583	649	717	785	855	924	989	1050	1110
-18.75°	410	465	523	583	644	705	767	829	889	945	997
-20°	367	414	465	518	573	628	683	738	791	842	889
-21.25°	325	367	410	458	506	555	604	653	699	744	785



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	287	322	360	401	443	486	529	572	612	652	687
-23.75°	252	283	314	349	386	422	459	496	532	566	598
-25°	216	246	275	302	333	364	396	427	458	487	515
-26.25°	188	208	235	262	287	312	339	365	391	415	439
-27.5°	162	181	200	221	245	268	290	310	332	353	372
-28.75°	137	154	172	189	205	225	245	265	282	298	313
-30°	119	131	144	160	175	190	204	219	236	251	265
-31.25°	101	113	124	134	145	159	172	185	196	206	217
-32.5°	86	94	104	114	124	133	141	153	163	173	182
-33.75°	73	81	88	95	104	112	120	128	134	140	148
-35°	61	67	74	81	87	92	99	106	113	118	124
-36.25°	51	56	61	67	72	78	83	88	92	96	101
-37.5°	42	46	51	55	59	63	68	73	77	81	84
-38.75°	35	38	41	45	49	53	56	59	62	65	68
-40°	30	32	35	37	39	42	45	48	51	54	56
-41.25°	25	27	29	31	33	35	37	39	40	42	45
-42.5°	22	23	25	26	27	29	31	32	34	35	36
-43.75°	19	20	21	22	24	25	26	27	28	29	30
-45°	16	17	18	19	20	21	22	23	24	24	25
-46.25°	14	15	16	17	17	18	18	19	20	20	21
-47.5°	12	13	14	14	15	15	16	17	17	17	18
-48.75°	11	11	12	12	13	13	14	14	15	15	15
-50°	9	10	10	10	11	11	12	12	13	13	13
-51.25°	9	9	9	9	10	10	10	10	11	11	11
-52.5°	8	8	8	8	9	9	9	9	9	9	10
-53.75°	7	8	8	8	8	8	8	8	8	8	9
-55°	7	7	7	7	7	7	8	8	8	8	8
-56.25°	6	7	7	7	7	7	7	7	7	7	7
-57.5°	6	6	6	6	6	7	7	7	7	7	7
-58.75°	6	6	6	6	6	6	6	6	6	6	6
-60°	6	6	6	6	6	6	6	6	6	6	6
-61.25°	6	6	6	6	6	6	6	6	6	6	6
-62.5°	5	5	5	5	6	6	6	6	6	6	6
-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°	5	5	5	5	5	5	5	5	5	5	5
-67.5°	4	4	4	5	5	5	5	5	5	5	5
-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°	4	4	4	4	4	4	4	4	4	4	4
-72.5°	4	4	4	4	4	4	4	4	4	4	4
-73.75°	3	3	3	3	3	3	3	3	3	3	3
-75°	3	3	3	3	3	3	3	3	3	3	3
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	2	2	2	2	2	2	2	2	2	2	2
-80°	2	2	2	2	2	2	2	2	2	2	2
-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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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	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	2	1	1	1	1
80°	2	2	2	2	2	2	2	2	2	2	2
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	3	2	2	2	2
75°	3	3	3	3	3	3	3	3	3	3	3
73.75°	3	3	3	3	3	3	4	3	3	3	3
72.5°	4	4	4	4	4	4	4	4	4	4	4
71.25°	4	4	4	4	4	4	4	4	4	4	4
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	4	4	4	4	4	4	5	4	4	4	4
67.5°	5	5	5	5	5	5	5	5	5	5	5
66.25°	5	5	5	5	5	5	5	5	5	5	5
65°	5	5	5	5	5	5	5	5	5	5	5
63.75°	5	5	5	5	5	5	6	5	5	5	5
62.5°	6	6	6	6	6	6	6	6	6	6	6
61.25°	6	6	6	6	6	6	6	6	6	6	6
60°	6	6	6	6	6	6	6	6	6	6	6
58.75°	6	6	6	6	6	6	7	6	6	6	6
57.5°	7	7	7	7	7	7	7	7	7	7	7
56.25°	7	7	7	7	7	7	8	7	7	7	7
55°	8	8	8	8	8	8	8	8	8	8	8
53.75°	9	9	9	9	9	9	9	9	9	9	9
52.5°	10	10	10	10	10	10	10	10	10	10	10
51.25°	11	12	12	12	12	12	12	12	12	12	12
50°	13	14	14	14	14	14	14	14	14	14	14
48.75°	16	16	16	16	16	16	17	16	16	16	16
47.5°	18	18	19	19	19	19	19	19	19	19	19
46.25°	22	22	22	23	23	23	23	23	23	23	22
45°	25	26	26	27	27	27	27	27	27	27	26
43.75°	31	32	32	33	33	33	34	33	33	33	32
42.5°	37	38	39	39	40	40	40	40	40	39	39
41.25°	46	48	49	50	51	51	52	51	51	50	49
40°	58	59	61	62	62	63	63	63	62	62	61
38.75°	71	74	76	77	78	79	79	79	78	77	76
37.5°	87	89	91	93	94	95	95	95	94	93	91
36.25°	106	110	113	115	117	118	118	118	117	115	113
35°	128	132	135	138	140	141	141	141	140	138	135



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	155	162	167	170	173	175	176	175	173	170	167
32.5°	189	195	201	205	208	209	210	209	208	205	201
31.25°	228	238	246	252	256	259	260	259	256	252	246
30°	276	287	295	302	306	309	310	309	306	302	295
28.75°	328	341	352	360	367	371	373	371	367	360	352
27.5°	390	405	418	429	437	442	444	442	437	429	418
26.25°	460	479	495	508	517	522	524	522	517	508	495
25°	539	561	580	595	605	612	614	612	605	595	580
23.75°	626	652	673	690	703	710	713	710	703	690	673
22.5°	721	750	774	795	809	818	821	818	809	795	774
21.25°	823	856	885	907	924	934	937	934	924	907	885
20°	932	969	1001	1026	1044	1054	1058	1054	1044	1026	1001
18.75°	1044	1086	1122	1151	1171	1183	1187	1183	1171	1151	1122
17.5°	1163	1207	1244	1274	1296	1310	1314	1310	1296	1274	1244
16.25°	1277	1326	1368	1399	1422	1436	1441	1436	1422	1399	1368
15°	1393	1444	1485	1517	1540	1554	1559	1554	1540	1517	1485
13.75°	1501	1552	1593	1625	1648	1661	1665	1661	1648	1625	1593
12.5°	1598	1650	1688	1719	1739	1751	1756	1751	1739	1719	1688
11.25°	1684	1732	1769	1798	1819	1831	1836	1831	1819	1798	1769
10°	1757	1803	1841	1869	1889	1901	1905	1901	1889	1869	1841
8.75°	1820	1865	1901	1930	1951	1963	1968	1963	1951	1930	1901
7.5°	1873	1918	1956	1984	2006	2017	2022	2017	2006	1984	1956
6.25°	1918	1964	2002	2030	2047	2054	2057	2054	2047	2030	2002
5°	1956	2002	2038	2057	2065	2068	2069	2068	2065	2057	2038
3.75°	1984	2030	2057	2067	2069	2069	2068	2069	2069	2067	2057
2.5°	2006	2047	2065	2069	2066	2062	2061	2062	2066	2069	2065
1.25°	2017	2054	2068	2069	2062	2060	2061	2060	2062	2069	2068
0°	2022	2057	2069	2068	2061	2061	2069	2061	2061	2068	2069
-1.25°	2017	2054	2068	2069	2062	2060	2061	2060	2062	2069	2068
-2.5°	2006	2047	2065	2069	2066	2062	2061	2062	2066	2069	2065
-3.75°	1984	2030	2057	2067	2069	2069	2068	2069	2069	2067	2057
-5°	1956	2002	2038	2057	2065	2068	2069	2068	2065	2057	2038
-6.25°	1918	1964	2002	2030	2047	2054	2057	2054	2047	2030	2002
-7.5°	1873	1918	1956	1984	2006	2017	2022	2017	2006	1984	1956
-8.75°	1820	1865	1901	1930	1951	1963	1968	1963	1951	1930	1901
-10°	1757	1803	1841	1869	1889	1901	1905	1901	1889	1869	1841
-11.25°	1684	1732	1769	1798	1819	1831	1836	1831	1819	1798	1769
-12.5°	1598	1650	1688	1719	1739	1751	1756	1751	1739	1719	1688
-13.75°	1501	1552	1593	1625	1648	1661	1665	1661	1648	1625	1593
-15°	1393	1444	1485	1517	1540	1554	1559	1554	1540	1517	1485
-16.25°	1277	1326	1368	1399	1422	1436	1441	1436	1422	1399	1368
-17.5°	1163	1207	1244	1274	1296	1310	1314	1310	1296	1274	1244
-18.75°	1044	1086	1122	1151	1171	1183	1187	1183	1171	1151	1122
-20°	932	969	1001	1026	1044	1054	1058	1054	1044	1026	1001
-21.25°	823	856	885	907	924	934	937	934	924	907	885



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	721	750	774	795	809	818	821	818	809	795	774
-23.75°	626	652	673	690	703	710	713	710	703	690	673
-25°	539	561	580	595	605	612	614	612	605	595	580
-26.25°	460	479	495	508	517	522	524	522	517	508	495
-27.5°	390	405	418	429	437	442	444	442	437	429	418
-28.75°	328	341	352	360	367	371	373	371	367	360	352
-30°	276	287	295	302	306	309	310	309	306	302	295
-31.25°	228	238	246	252	256	259	260	259	256	252	246
-32.5°	189	195	201	205	208	209	210	209	208	205	201
-33.75°	155	162	167	170	173	175	176	175	173	170	167
-35°	128	132	135	138	140	141	141	141	140	138	135
-36.25°	106	110	113	115	117	118	118	118	117	115	113
-37.5°	87	89	91	93	94	95	95	95	94	93	91
-38.75°	71	74	76	77	78	79	79	79	78	77	76
-40°	58	59	61	62	62	63	63	63	62	62	61
-41.25°	46	48	49	50	51	51	52	51	51	50	49
-42.5°	37	38	39	39	40	40	40	40	40	39	39
-43.75°	31	32	32	33	33	33	34	33	33	33	32
-45°	25	26	26	27	27	27	27	27	27	27	26
-46.25°	22	22	22	23	23	23	23	23	23	23	22
-47.5°	18	18	19	19	19	19	19	19	19	19	19
-48.75°	16	16	16	16	16	16	17	16	16	16	16
-50°	13	14	14	14	14	14	14	14	14	14	14
-51.25°	11	12	12	12	12	12	12	12	12	12	12
-52.5°	10	10	10	10	10	10	10	10	10	10	10
-53.75°	9	9	9	9	9	9	9	9	9	9	9
-55°	8	8	8	8	8	8	8	8	8	8	8
-56.25°	7	7	7	7	7	7	8	7	7	7	7
-57.5°	7	7	7	7	7	7	7	7	7	7	7
-58.75°	6	6	6	6	6	6	7	6	6	6	6
-60°	6	6	6	6	6	6	6	6	6	6	6
-61.25°	6	6	6	6	6	6	6	6	6	6	6
-62.5°	6	6	6	6	6	6	6	6	6	6	6
-63.75°	5	5	5	5	5	5	6	5	5	5	5
-65°	5	5	5	5	5	5	5	5	5	5	5
-66.25°	5	5	5	5	5	5	5	5	5	5	5
-67.5°	5	5	5	5	5	5	5	5	5	5	5
-68.75°	4	4	4	4	4	4	5	4	4	4	4
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	4	4	4	4	4	4	4	4	4	4	4
-72.5°	4	4	4	4	4	4	4	4	4	4	4
-73.75°	3	3	3	3	3	3	4	3	3	3	3
-75°	3	3	3	3	3	3	3	3	3	3	3
-76.25°	2	2	2	2	2	2	3	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	2	2	2	2	2	2	2	2	2	2	2
-80°	2	2	2	2	2	2	2	2	2	2	2
-81.25°	1	1	1	1	1	1	2	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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	2	2	2	2	2	2	2	2	2	2	2
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	3	3	3	3	3	3	3	3	3	3	3
73.75°	3	3	3	3	3	3	3	3	3	3	3
72.5°	4	4	4	4	4	4	4	4	4	4	4
71.25°	4	4	4	4	4	4	4	4	4	4	4
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°	5	5	5	5	5	5	5	5	5	5	4
66.25°	5	5	5	5	5	5	5	5	5	5	5
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°	6	6	6	6	6	6	6	6	6	5	5
61.25°	6	6	6	6	6	6	6	6	6	6	6
60°	6	6	6	6	6	6	6	6	6	6	6
58.75°	6	6	6	6	6	6	6	6	6	6	6
57.5°	7	7	7	7	7	7	7	7	6	6	6
56.25°	7	7	7	7	7	7	7	7	7	7	7
55°	8	8	8	8	8	8	8	7	7	7	7
53.75°	9	9	9	8	8	8	8	8	8	8	8
52.5°	10	10	10	9	9	9	9	9	9	8	8
51.25°	12	11	11	11	11	10	10	10	10	9	9
50°	14	13	13	13	13	12	12	11	11	10	10
48.75°	16	16	15	15	15	14	14	13	13	12	12
47.5°	18	18	18	17	17	17	16	15	15	14	14
46.25°	22	22	21	20	20	19	18	18	17	17	16
45°	26	25	25	24	24	23	22	21	20	19	18
43.75°	32	31	30	29	28	27	26	25	24	22	21
42.5°	38	37	36	35	34	32	31	29	27	26	25
41.25°	48	46	45	42	40	39	37	35	33	31	29
40°	59	58	56	54	51	48	45	42	39	37	35
38.75°	74	71	68	65	62	59	56	53	49	45	41
37.5°	89	87	84	81	77	73	68	63	59	55	51
36.25°	110	106	101	96	92	88	83	78	72	67	61
35°	132	128	124	118	113	106	99	92	87	81	74



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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°	162	155	148	140	134	128	120	112	104	95	88
32.5°	195	189	182	173	163	153	141	133	124	114	104
31.25°	238	228	217	206	196	185	172	159	145	134	124
30°	287	276	265	251	236	219	204	190	175	160	144
28.75°	341	328	313	298	282	265	245	225	205	189	172
27.5°	405	390	372	353	332	310	290	268	245	221	200
26.25°	479	460	439	415	391	365	339	312	287	262	235
25°	561	539	515	487	458	427	396	364	333	302	275
23.75°	652	626	598	566	532	496	459	422	386	349	314
22.5°	750	721	687	652	612	572	529	486	443	401	360
21.25°	856	823	785	744	699	653	604	555	506	458	410
20°	969	932	889	842	791	738	683	628	573	518	465
18.75°	1086	1044	997	945	889	829	767	705	644	583	523
17.5°	1207	1163	1110	1050	989	924	855	785	717	649	583
16.25°	1326	1277	1222	1161	1092	1019	945	868	792	717	644
15°	1444	1393	1333	1266	1195	1117	1035	952	868	785	705
13.75°	1552	1501	1441	1372	1294	1212	1125	1035	945	855	767
12.5°	1650	1598	1539	1470	1390	1303	1212	1117	1019	924	829
11.25°	1732	1684	1627	1558	1479	1390	1294	1195	1092	989	889
10°	1803	1757	1702	1637	1558	1470	1372	1266	1161	1050	945
8.75°	1865	1820	1766	1702	1627	1539	1441	1333	1222	1110	997
7.5°	1918	1873	1820	1757	1684	1598	1501	1393	1277	1163	1044
6.25°	1964	1918	1865	1803	1732	1650	1552	1444	1326	1207	1086
5°	2002	1956	1901	1841	1769	1688	1593	1485	1368	1244	1122
3.75°	2030	1984	1930	1869	1798	1719	1625	1517	1399	1274	1151
2.5°	2047	2006	1951	1889	1819	1739	1648	1540	1422	1296	1171
1.25°	2054	2017	1963	1901	1831	1751	1661	1554	1436	1310	1183
0°	2057	2022	1968	1905	1836	1756	1665	1559	1441	1314	1187
-1.25°	2054	2017	1963	1901	1831	1751	1661	1554	1436	1310	1183
-2.5°	2047	2006	1951	1889	1819	1739	1648	1540	1422	1296	1171
-3.75°	2030	1984	1930	1869	1798	1719	1625	1517	1399	1274	1151
-5°	2002	1956	1901	1841	1769	1688	1593	1485	1368	1244	1122
-6.25°	1964	1918	1865	1803	1732	1650	1552	1444	1326	1207	1086
-7.5°	1918	1873	1820	1757	1684	1598	1501	1393	1277	1163	1044
-8.75°	1865	1820	1766	1702	1627	1539	1441	1333	1222	1110	997
-10°	1803	1757	1702	1637	1558	1470	1372	1266	1161	1050	945
-11.25°	1732	1684	1627	1558	1479	1390	1294	1195	1092	989	889
-12.5°	1650	1598	1539	1470	1390	1303	1212	1117	1019	924	829
-13.75°	1552	1501	1441	1372	1294	1212	1125	1035	945	855	767
-15°	1444	1393	1333	1266	1195	1117	1035	952	868	785	705
-16.25°	1326	1277	1222	1161	1092	1019	945	868	792	717	644
-17.5°	1207	1163	1110	1050	989	924	855	785	717	649	583
-18.75°	1086	1044	997	945	889	829	767	705	644	583	523
-20°	969	932	889	842	791	738	683	628	573	518	465
-21.25°	856	823	785	744	699	653	604	555	506	458	410



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	750	721	687	652	612	572	529	486	443	401	360
-23.75°	652	626	598	566	532	496	459	422	386	349	314
-25°	561	539	515	487	458	427	396	364	333	302	275
-26.25°	479	460	439	415	391	365	339	312	287	262	235
-27.5°	405	390	372	353	332	310	290	268	245	221	200
-28.75°	341	328	313	298	282	265	245	225	205	189	172
-30°	287	276	265	251	236	219	204	190	175	160	144
-31.25°	238	228	217	206	196	185	172	159	145	134	124
-32.5°	195	189	182	173	163	153	141	133	124	114	104
-33.75°	162	155	148	140	134	128	120	112	104	95	88
-35°	132	128	124	118	113	106	99	92	87	81	74
-36.25°	110	106	101	96	92	88	83	78	72	67	61
-37.5°	89	87	84	81	77	73	68	63	59	55	51
-38.75°	74	71	68	65	62	59	56	53	49	45	41
-40°	59	58	56	54	51	48	45	42	39	37	35
-41.25°	48	46	45	42	40	39	37	35	33	31	29
-42.5°	38	37	36	35	34	32	31	29	27	26	25
-43.75°	32	31	30	29	28	27	26	25	24	22	21
-45°	26	25	25	24	24	23	22	21	20	19	18
-46.25°	22	22	21	20	20	19	18	18	17	17	16
-47.5°	18	18	18	17	17	17	16	15	15	14	14
-48.75°	16	16	15	15	15	14	14	13	13	12	12
-50°	14	13	13	13	13	12	12	11	11	10	10
-51.25°	12	11	11	11	11	10	10	10	10	9	9
-52.5°	10	10	10	9	9	9	9	9	9	8	8
-53.75°	9	9	9	8	8	8	8	8	8	8	8
-55°	8	8	8	8	8	8	8	7	7	7	7
-56.25°	7	7	7	7	7	7	7	7	7	7	7
-57.5°	7	7	7	7	7	7	7	7	6	6	6
-58.75°	6	6	6	6	6	6	6	6	6	6	6
-60°	6	6	6	6	6	6	6	6	6	6	6
-61.25°	6	6	6	6	6	6	6	6	6	6	6
-62.5°	6	6	6	6	6	6	6	6	6	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°	5	5	5	5	5	5	5	5	5	5	5
-67.5°	5	5	5	5	5	5	5	5	5	5	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°	4	4	4	4	4	4	4	4	4	4	4
-72.5°	4	4	4	4	4	4	4	4	4	4	4
-73.75°	3	3	3	3	3	3	3	3	3	3	3
-75°	3	3	3	3	3	3	3	3	3	3	3
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	2	2	2	2	2	2	2	2	2	2	2
-80°	2	2	2	2	2	2	2	2	2	2	2
-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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	1	1	1	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°	2	2	2	2	2	2	2	2	1	1	1
78.75°	2	2	2	2	2	2	2	2	2	2	2
77.5°	2	2	2	2	2	2	2	2	2	2	2
76.25°	2	2	2	2	2	2	2	2	2	2	2
75°	3	3	3	2	2	2	2	2	2	2	2
73.75°	3	3	3	3	3	3	3	3	3	3	2
72.5°	4	4	3	3	3	3	3	3	3	3	3
71.25°	4	4	4	4	4	4	4	4	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°	5	5	5	5	5	4	4	4	4	4	4
65°	5	5	5	5	5	5	5	5	5	4	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°	6	6	6	5	5	5	5	5	5	5	5
60°	6	6	6	6	6	6	6	5	5	5	5
58.75°	6	6	6	6	6	6	6	6	6	6	5
57.5°	6	6	6	6	6	6	6	6	6	6	6
56.25°	7	6	6	6	6	6	6	6	6	6	6
55°	7	7	7	7	7	6	6	6	6	6	6
53.75°	8	7	7	7	7	7	7	6	6	6	6
52.5°	8	8	8	8	7	7	7	7	7	7	6
51.25°	9	9	8	8	8	8	7	7	7	7	7
50°	10	9	9	9	9	8	8	8	8	7	7
48.75°	11	11	10	10	9	9	9	8	8	8	8
47.5°	13	12	12	11	10	10	9	9	9	8	8
46.25°	15	14	14	13	12	11	11	10	9	9	9
45°	17	16	16	15	14	13	12	11	10	10	9
43.75°	20	19	18	17	16	15	14	13	12	11	10
42.5°	23	22	20	19	18	17	16	15	13	13	12
41.25°	27	25	24	22	20	19	18	16	15	14	13
40°	32	30	27	25	24	22	20	18	17	16	14
38.75°	38	35	33	30	27	25	23	21	19	18	16
37.5°	46	42	38	35	32	29	26	24	22	20	18
36.25°	56	51	46	41	37	34	30	27	25	22	20
35°	67	61	55	50	44	39	35	32	28	25	23



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	81	73	65	59	53	47	40	36	33	29	25
32.5°	94	86	78	70	62	55	49	42	37	33	29
31.25°	113	101	91	82	73	64	57	50	42	37	33
30°	131	119	107	94	85	75	65	57	50	42	37
28.75°	154	137	124	111	97	87	76	66	57	50	42
27.5°	181	162	142	128	113	99	87	76	65	57	49
26.25°	208	188	167	146	129	114	99	87	75	64	55
25°	246	216	192	170	147	129	113	97	85	73	62
23.75°	283	252	220	194	170	146	128	111	94	82	70
22.5°	322	287	254	220	192	167	142	124	107	91	78
21.25°	367	325	287	252	216	188	162	137	119	101	86
20°	414	367	322	283	246	208	181	154	131	113	94
18.75°	465	410	360	314	275	235	200	172	144	124	104
17.5°	518	458	401	349	302	262	221	189	160	134	114
16.25°	573	506	443	386	333	287	245	205	175	145	124
15°	628	555	486	422	364	312	268	225	190	159	133
13.75°	683	604	529	459	396	339	290	245	204	172	141
12.5°	738	653	572	496	427	365	310	265	219	185	153
11.25°	791	699	612	532	458	391	332	282	236	196	163
10°	842	744	652	566	487	415	353	298	251	206	173
8.75°	889	785	687	598	515	439	372	313	265	217	182
7.5°	932	823	721	626	539	460	390	328	276	228	189
6.25°	969	856	750	652	561	479	405	341	287	238	195
5°	1001	885	774	673	580	495	418	352	295	246	201
3.75°	1026	907	795	690	595	508	429	360	302	252	205
2.5°	1044	924	809	703	605	517	437	367	306	256	208
1.25°	1054	934	818	710	612	522	442	371	309	259	209
0°	1058	937	821	713	614	524	444	373	310	260	210
-1.25°	1054	934	818	710	612	522	442	371	309	259	209
-2.5°	1044	924	809	703	605	517	437	367	306	256	208
-3.75°	1026	907	795	690	595	508	429	360	302	252	205
-5°	1001	885	774	673	580	495	418	352	295	246	201
-6.25°	969	856	750	652	561	479	405	341	287	238	195
-7.5°	932	823	721	626	539	460	390	328	276	228	189
-8.75°	889	785	687	598	515	439	372	313	265	217	182
-10°	842	744	652	566	487	415	353	298	251	206	173
-11.25°	791	699	612	532	458	391	332	282	236	196	163
-12.5°	738	653	572	496	427	365	310	265	219	185	153
-13.75°	683	604	529	459	396	339	290	245	204	172	141
-15°	628	555	486	422	364	312	268	225	190	159	133
-16.25°	573	506	443	386	333	287	245	205	175	145	124
-17.5°	518	458	401	349	302	262	221	189	160	134	114
-18.75°	465	410	360	314	275	235	200	172	144	124	104
-20°	414	367	322	283	246	208	181	154	131	113	94
-21.25°	367	325	287	252	216	188	162	137	119	101	86



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	322	287	254	220	192	167	142	124	107	91	78
-23.75°	283	252	220	194	170	146	128	111	94	82	70
-25°	246	216	192	170	147	129	113	97	85	73	62
-26.25°	208	188	167	146	129	114	99	87	75	64	55
-27.5°	181	162	142	128	113	99	87	76	65	57	49
-28.75°	154	137	124	111	97	87	76	66	57	50	42
-30°	131	119	107	94	85	75	65	57	50	42	37
-31.25°	113	101	91	82	73	64	57	50	42	37	33
-32.5°	94	86	78	70	62	55	49	42	37	33	29
-33.75°	81	73	65	59	53	47	40	36	33	29	25
-35°	67	61	55	50	44	39	35	32	28	25	23
-36.25°	56	51	46	41	37	34	30	27	25	22	20
-37.5°	46	42	38	35	32	29	26	24	22	20	18
-38.75°	38	35	33	30	27	25	23	21	19	18	16
-40°	32	30	27	25	24	22	20	18	17	16	14
-41.25°	27	25	24	22	20	19	18	16	15	14	13
-42.5°	23	22	20	19	18	17	16	15	13	13	12
-43.75°	20	19	18	17	16	15	14	13	12	11	10
-45°	17	16	16	15	14	13	12	11	10	10	9
-46.25°	15	14	14	13	12	11	11	10	9	9	9
-47.5°	13	12	12	11	10	10	9	9	9	8	8
-48.75°	11	11	10	10	9	9	9	8	8	8	8
-50°	10	9	9	9	9	8	8	8	8	7	7
-51.25°	9	9	8	8	8	8	7	7	7	7	7
-52.5°	8	8	8	8	7	7	7	7	7	7	6
-53.75°	8	7	7	7	7	7	7	6	6	6	6
-55°	7	7	7	7	7	6	6	6	6	6	6
-56.25°	7	6	6	6	6	6	6	6	6	6	6
-57.5°	6	6	6	6	6	6	6	6	6	6	6
-58.75°	6	6	6	6	6	6	6	6	6	6	5
-60°	6	6	6	6	6	6	6	5	5	5	5
-61.25°	6	6	6	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	4	4
-66.25°	5	5	5	5	5	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°	4	4	4	4	4	4	4	4	3	3	3
-72.5°	4	4	3	3	3	3	3	3	3	3	3
-73.75°	3	3	3	3	3	3	3	3	3	3	2
-75°	3	3	3	2	2	2	2	2	2	2	2
-76.25°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	2



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	2	2	2	2	2	2	2	2	2	2	2
-80°	2	2	2	2	2	2	2	2	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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	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°	2	2	2	2	2	1	1	1	1	1	1
77.5°	2	2	2	2	2	2	2	2	2	2	1
76.25°	2	2	2	2	2	2	2	2	2	2	2
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	2	2	2	2	2	2	2
71.25°	3	3	3	3	3	3	3	2	2	2	2
70°	4	4	3	3	3	3	3	3	3	3	2
68.75°	4	4	4	4	4	3	3	3	3	3	3
67.5°	4	4	4	4	4	4	4	4	3	3	3
66.25°	4	4	4	4	4	4	4	4	4	4	3
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	5	4	4	4	4	4	4	4	4	4	4
62.5°	5	5	5	5	4	4	4	4	4	4	4
61.25°	5	5	5	5	5	5	4	4	4	4	4
60°	5	5	5	5	5	5	5	5	4	4	4
58.75°	5	5	5	5	5	5	5	5	5	5	4
57.5°	6	5	5	5	5	5	5	5	5	5	5
56.25°	6	6	6	5	5	5	5	5	5	5	5
55°	6	6	6	6	6	5	5	5	5	5	5
53.75°	6	6	6	6	6	6	6	5	5	5	5
52.5°	6	6	6	6	6	6	6	6	5	5	5
51.25°	7	6	6	6	6	6	6	6	6	6	5
50°	7	7	6	6	6	6	6	6	6	6	6
48.75°	7	7	7	7	6	6	6	6	6	6	6
47.5°	8	7	7	7	7	6	6	6	6	6	6
46.25°	8	8	8	7	7	7	7	6	6	6	6
45°	9	8	8	8	7	7	7	7	6	6	6
43.75°	10	9	9	8	8	7	7	7	7	6	6
42.5°	10	10	9	9	8	8	7	7	7	7	6
41.25°	12	11	10	9	9	8	8	7	7	7	7
40°	13	12	11	10	9	9	8	8	7	7	7
38.75°	15	14	12	11	10	9	9	8	8	7	7
37.5°	17	15	14	12	11	10	9	9	8	8	7
36.25°	18	17	15	14	12	11	10	9	9	8	8
35°	20	18	17	15	14	12	11	10	9	8	8



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	23	20	18	17	15	13	12	10	10	9	8
32.5°	25	23	20	18	16	14	13	12	10	9	9
31.25°	29	25	22	20	18	16	14	13	11	10	9
30°	33	28	25	22	19	17	15	13	12	10	9
28.75°	36	32	27	24	21	18	16	15	13	11	10
27.5°	40	35	30	26	23	20	18	16	14	12	11
26.25°	47	39	34	29	25	22	19	17	15	13	11
25°	53	44	37	32	27	24	20	18	16	14	12
23.75°	59	50	41	35	30	25	22	19	17	15	13
22.5°	65	55	46	38	33	27	24	20	18	16	14
21.25°	73	61	51	42	35	30	25	22	19	16	14
20°	81	67	56	46	38	32	27	23	20	17	15
18.75°	88	74	61	51	41	35	29	25	21	18	16
17.5°	95	81	67	55	45	37	31	26	22	19	17
16.25°	104	87	72	59	49	39	33	27	24	20	17
15°	112	92	78	63	53	42	35	29	25	21	18
13.75°	120	99	83	68	56	45	37	31	26	22	18
12.5°	128	106	88	73	59	48	39	32	27	23	19
11.25°	134	113	92	77	62	51	40	34	28	24	20
10°	140	118	96	81	65	54	42	35	29	24	20
8.75°	148	124	101	84	68	56	45	36	30	25	21
7.5°	155	128	106	87	71	58	46	37	31	25	22
6.25°	162	132	110	89	74	59	48	38	32	26	22
5°	167	135	113	91	76	61	49	39	32	26	22
3.75°	170	138	115	93	77	62	50	39	33	27	23
2.5°	173	140	117	94	78	62	51	40	33	27	23
1.25°	175	141	118	95	79	63	51	40	33	27	23
0°	176	141	118	95	79	63	52	40	34	27	23
-1.25°	175	141	118	95	79	63	51	40	33	27	23
-2.5°	173	140	117	94	78	62	51	40	33	27	23
-3.75°	170	138	115	93	77	62	50	39	33	27	23
-5°	167	135	113	91	76	61	49	39	32	26	22
-6.25°	162	132	110	89	74	59	48	38	32	26	22
-7.5°	155	128	106	87	71	58	46	37	31	25	22
-8.75°	148	124	101	84	68	56	45	36	30	25	21
-10°	140	118	96	81	65	54	42	35	29	24	20
-11.25°	134	113	92	77	62	51	40	34	28	24	20
-12.5°	128	106	88	73	59	48	39	32	27	23	19
-13.75°	120	99	83	68	56	45	37	31	26	22	18
-15°	112	92	78	63	53	42	35	29	25	21	18
-16.25°	104	87	72	59	49	39	33	27	24	20	17
-17.5°	95	81	67	55	45	37	31	26	22	19	17
-18.75°	88	74	61	51	41	35	29	25	21	18	16
-20°	81	67	56	46	38	32	27	23	20	17	15
-21.25°	73	61	51	42	35	30	25	22	19	16	14



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	65	55	46	38	33	27	24	20	18	16	14
-23.75°	59	50	41	35	30	25	22	19	17	15	13
-25°	53	44	37	32	27	24	20	18	16	14	12
-26.25°	47	39	34	29	25	22	19	17	15	13	11
-27.5°	40	35	30	26	23	20	18	16	14	12	11
-28.75°	36	32	27	24	21	18	16	15	13	11	10
-30°	33	28	25	22	19	17	15	13	12	10	9
-31.25°	29	25	22	20	18	16	14	13	11	10	9
-32.5°	25	23	20	18	16	14	13	12	10	9	9
-33.75°	23	20	18	17	15	13	12	10	10	9	8
-35°	20	18	17	15	14	12	11	10	9	8	8
-36.25°	18	17	15	14	12	11	10	9	9	8	8
-37.5°	17	15	14	12	11	10	9	9	8	8	7
-38.75°	15	14	12	11	10	9	9	8	8	7	7
-40°	13	12	11	10	9	9	8	8	7	7	7
-41.25°	12	11	10	9	9	8	8	7	7	7	7
-42.5°	10	10	9	9	8	8	7	7	7	7	6
-43.75°	10	9	9	8	8	7	7	7	7	6	6
-45°	9	8	8	8	7	7	7	7	6	6	6
-46.25°	8	8	8	7	7	7	7	6	6	6	6
-47.5°	8	7	7	7	7	6	6	6	6	6	6
-48.75°	7	7	7	7	6	6	6	6	6	6	6
-50°	7	7	6	6	6	6	6	6	6	6	6
-51.25°	7	6	6	6	6	6	6	6	6	6	5
-52.5°	6	6	6	6	6	6	6	6	5	5	5
-53.75°	6	6	6	6	6	6	6	5	5	5	5
-55°	6	6	6	6	6	5	5	5	5	5	5
-56.25°	6	6	6	5	5	5	5	5	5	5	5
-57.5°	6	5	5	5	5	5	5	5	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	4
-60°	5	5	5	5	5	5	5	5	4	4	4
-61.25°	5	5	5	5	5	5	4	4	4	4	4
-62.5°	5	5	5	5	4	4	4	4	4	4	4
-63.75°	5	4	4	4	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	3
-67.5°	4	4	4	4	4	4	4	4	3	3	3
-68.75°	4	4	4	4	4	3	3	3	3	3	3
-70°	4	4	3	3	3	3	3	3	3	3	2
-71.25°	3	3	3	3	3	3	3	2	2	2	2
-72.5°	3	3	3	3	2	2	2	2	2	2	2
-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°	2	2	2	2	2	2	2	2	2	2	2
-77.5°	2	2	2	2	2	2	2	2	2	2	1



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	2	2	2	2	2	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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	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°	2	2	2	1	1	1	1	1	1	1	1
75°	2	2	2	2	2	2	1	1	1	1	1
73.75°	2	2	2	2	2	2	2	2	1	1	1
72.5°	2	2	2	2	2	2	2	2	2	2	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°	3	3	2	2	2	2	2	2	2	2	2
67.5°	3	3	3	3	2	2	2	2	2	2	2
66.25°	3	3	3	3	3	3	2	2	2	2	2
65°	4	3	3	3	3	3	3	2	2	2	2
63.75°	4	4	4	3	3	3	3	3	2	2	2
62.5°	4	4	4	4	4	3	3	3	3	3	2
61.25°	4	4	4	4	4	4	3	3	3	3	3
60°	4	4	4	4	4	4	4	3	3	3	3
58.75°	4	4	4	4	4	4	4	4	3	3	3
57.5°	5	4	4	4	4	4	4	4	4	3	3
56.25°	5	5	4	4	4	4	4	4	4	4	3
55°	5	5	5	4	4	4	4	4	4	4	4
53.75°	5	5	5	5	4	4	4	4	4	4	4
52.5°	5	5	5	5	5	4	4	4	4	4	4
51.25°	5	5	5	5	5	5	4	4	4	4	4
50°	5	5	5	5	5	5	5	4	4	4	4
48.75°	6	5	5	5	5	5	5	5	4	4	4
47.5°	6	6	5	5	5	5	5	5	5	4	4
46.25°	6	6	6	5	5	5	5	5	5	4	4
45°	6	6	6	6	5	5	5	5	5	5	4
43.75°	6	6	6	6	5	5	5	5	5	5	4
42.5°	6	6	6	6	6	5	5	5	5	5	5
41.25°	6	6	6	6	6	6	5	5	5	5	5
40°	6	6	6	6	6	6	5	5	5	5	5
38.75°	7	6	6	6	6	6	6	5	5	5	5
37.5°	7	7	6	6	6	6	6	5	5	5	5
36.25°	7	7	6	6	6	6	6	6	5	5	5
35°	7	7	7	6	6	6	6	6	5	5	5



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	8	7	7	7	6	6	6	6	6	5	5
32.5°	8	8	7	7	6	6	6	6	6	5	5
31.25°	8	8	7	7	7	6	6	6	6	6	5
30°	9	8	8	7	7	6	6	6	6	6	5
28.75°	9	8	8	7	7	6	6	6	6	6	5
27.5°	9	9	8	7	7	7	6	6	6	6	6
26.25°	10	9	8	8	7	7	6	6	6	6	6
25°	10	9	9	8	7	7	7	6	6	6	6
23.75°	11	10	9	8	8	7	7	6	6	6	6
22.5°	12	10	9	8	8	7	7	6	6	6	6
21.25°	12	11	9	9	8	7	7	6	6	6	6
20°	13	11	10	9	8	8	7	7	6	6	6
18.75°	14	12	10	9	8	8	7	7	6	6	6
17.5°	14	12	10	9	8	8	7	7	6	6	6
16.25°	15	13	11	10	9	8	7	7	6	6	6
15°	15	13	11	10	9	8	7	7	7	6	6
13.75°	16	14	12	10	9	8	8	7	7	6	6
12.5°	17	14	12	10	9	8	8	7	7	6	6
11.25°	17	15	13	11	9	8	8	7	7	6	6
10°	17	15	13	11	9	8	8	7	7	6	6
8.75°	18	15	13	11	10	9	8	7	7	6	6
7.5°	18	16	13	11	10	9	8	7	7	6	6
6.25°	18	16	14	12	10	9	8	7	7	6	6
5°	19	16	14	12	10	9	8	7	7	6	6
3.75°	19	16	14	12	10	9	8	7	7	6	6
2.5°	19	16	14	12	10	9	8	7	7	6	6
1.25°	19	16	14	12	10	9	8	7	7	6	6
0°	19	17	14	12	10	9	8	8	7	7	6
-1.25°	19	16	14	12	10	9	8	7	7	6	6
-2.5°	19	16	14	12	10	9	8	7	7	6	6
-3.75°	19	16	14	12	10	9	8	7	7	6	6
-5°	19	16	14	12	10	9	8	7	7	6	6
-6.25°	18	16	14	12	10	9	8	7	7	6	6
-7.5°	18	16	13	11	10	9	8	7	7	6	6
-8.75°	18	15	13	11	10	9	8	7	7	6	6
-10°	17	15	13	11	9	8	8	7	7	6	6
-11.25°	17	15	13	11	9	8	8	7	7	6	6
-12.5°	17	14	12	10	9	8	8	7	7	6	6
-13.75°	16	14	12	10	9	8	8	7	7	6	6
-15°	15	13	11	10	9	8	7	7	7	6	6
-16.25°	15	13	11	10	9	8	7	7	6	6	6
-17.5°	14	12	10	9	8	8	7	7	6	6	6
-18.75°	14	12	10	9	8	8	7	7	6	6	6
-20°	13	11	10	9	8	8	7	7	6	6	6
-21.25°	12	11	9	9	8	7	7	6	6	6	6



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	12	10	9	8	8	7	7	6	6	6	6
-23.75°	11	10	9	8	8	7	7	6	6	6	6
-25°	10	9	9	8	7	7	7	6	6	6	6
-26.25°	10	9	8	8	7	7	6	6	6	6	6
-27.5°	9	9	8	7	7	7	6	6	6	6	6
-28.75°	9	8	8	7	7	6	6	6	6	6	5
-30°	9	8	8	7	7	6	6	6	6	6	5
-31.25°	8	8	7	7	7	6	6	6	6	6	5
-32.5°	8	8	7	7	6	6	6	6	6	5	5
-33.75°	8	7	7	7	6	6	6	6	6	5	5
-35°	7	7	7	6	6	6	6	6	5	5	5
-36.25°	7	7	6	6	6	6	6	6	5	5	5
-37.5°	7	7	6	6	6	6	6	5	5	5	5
-38.75°	7	6	6	6	6	6	6	5	5	5	5
-40°	6	6	6	6	6	6	5	5	5	5	5
-41.25°	6	6	6	6	6	6	5	5	5	5	5
-42.5°	6	6	6	6	6	5	5	5	5	5	5
-43.75°	6	6	6	6	5	5	5	5	5	5	4
-45°	6	6	6	6	5	5	5	5	5	5	4
-46.25°	6	6	6	5	5	5	5	5	5	4	4
-47.5°	6	6	5	5	5	5	5	5	5	4	4
-48.75°	6	5	5	5	5	5	5	5	4	4	4
-50°	5	5	5	5	5	5	5	4	4	4	4
-51.25°	5	5	5	5	5	5	4	4	4	4	4
-52.5°	5	5	5	5	5	4	4	4	4	4	4
-53.75°	5	5	5	5	4	4	4	4	4	4	4
-55°	5	5	5	4	4	4	4	4	4	4	4
-56.25°	5	5	4	4	4	4	4	4	4	4	3
-57.5°	5	4	4	4	4	4	4	4	4	3	3
-58.75°	4	4	4	4	4	4	4	4	3	3	3
-60°	4	4	4	4	4	4	4	3	3	3	3
-61.25°	4	4	4	4	4	4	3	3	3	3	3
-62.5°	4	4	4	4	4	3	3	3	3	3	2
-63.75°	4	4	4	3	3	3	3	3	2	2	2
-65°	4	3	3	3	3	3	3	2	2	2	2
-66.25°	3	3	3	3	3	3	2	2	2	2	2
-67.5°	3	3	3	3	2	2	2	2	2	2	2
-68.75°	3	3	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	1
-73.75°	2	2	2	2	2	2	2	2	1	1	1
-75°	2	2	2	2	2	2	1	1	1	1	1
-76.25°	2	2	2	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	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°	2	1	1	1	1	1	1	1	1	1	1
70°	2	2	1	1	1	1	1	1	1	1	1
68.75°	2	2	2	2	1	1	1	1	1	1	1
67.5°	2	2	2	2	2	1	1	1	1	1	1
66.25°	2	2	2	2	2	2	1	1	1	1	1
65°	2	2	2	2	2	2	2	1	1	1	1
63.75°	2	2	2	2	2	2	2	1	1	1	1
62.5°	2	2	2	2	2	2	2	2	1	1	1
61.25°	2	2	2	2	2	2	2	2	2	1	1
60°	3	2	2	2	2	2	2	2	2	1	1
58.75°	3	3	2	2	2	2	2	2	2	2	1
57.5°	3	3	2	2	2	2	2	2	2	2	1
56.25°	3	3	3	2	2	2	2	2	2	2	2
55°	3	3	3	3	2	2	2	2	2	2	2
53.75°	4	3	3	3	3	2	2	2	2	2	2
52.5°	4	4	3	3	3	2	2	2	2	2	2
51.25°	4	4	3	3	3	3	2	2	2	2	2
50°	4	4	4	3	3	3	2	2	2	2	2
48.75°	4	4	4	3	3	3	3	2	2	2	2
47.5°	4	4	4	4	3	3	3	2	2	2	2
46.25°	4	4	4	4	3	3	3	2	2	2	2
45°	4	4	4	4	4	3	3	3	2	2	2
43.75°	4	4	4	4	4	3	3	3	2	2	2
42.5°	4	4	4	4	4	4	3	3	2	2	2
41.25°	4	4	4	4	4	4	3	3	3	2	2
40°	5	4	4	4	4	4	3	3	3	2	2
38.75°	5	4	4	4	4	4	4	3	3	2	2
37.5°	5	5	4	4	4	4	4	3	3	3	2
36.25°	5	5	4	4	4	4	4	3	3	3	2
35°	5	5	4	4	4	4	4	4	3	3	2



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	5	5	5	4	4	4	4	4	3	3	2
32.5°	5	5	5	4	4	4	4	4	3	3	2
31.25°	5	5	5	4	4	4	4	4	3	3	3
30°	5	5	5	5	4	4	4	4	3	3	3
28.75°	5	5	5	5	4	4	4	4	4	3	3
27.5°	5	5	5	5	4	4	4	4	4	3	3
26.25°	5	5	5	5	4	4	4	4	4	3	3
25°	5	5	5	5	5	4	4	4	4	3	3
23.75°	5	5	5	5	5	4	4	4	4	3	3
22.5°	6	5	5	5	5	4	4	4	4	3	3
21.25°	6	5	5	5	5	4	4	4	4	4	3
20°	6	5	5	5	5	4	4	4	4	4	3
18.75°	6	5	5	5	5	4	4	4	4	4	3
17.5°	6	5	5	5	5	5	4	4	4	4	3
16.25°	6	6	5	5	5	5	4	4	4	4	3
15°	6	6	5	5	5	5	4	4	4	4	3
13.75°	6	6	5	5	5	5	4	4	4	4	3
12.5°	6	6	5	5	5	5	4	4	4	4	3
11.25°	6	6	5	5	5	5	4	4	4	4	3
10°	6	6	5	5	5	5	4	4	4	4	3
8.75°	6	6	5	5	5	5	4	4	4	4	3
7.5°	6	6	5	5	5	5	4	4	4	4	3
6.25°	6	6	5	5	5	5	4	4	4	4	3
5°	6	6	5	5	5	5	4	4	4	4	3
3.75°	6	6	5	5	5	5	4	4	4	4	3
2.5°	6	6	5	5	5	5	4	4	4	4	3
1.25°	6	6	5	5	5	5	4	4	4	4	3
0°	6	6	6	5	5	5	5	4	4	4	4
-1.25°	6	6	5	5	5	5	4	4	4	4	3
-2.5°	6	6	5	5	5	5	4	4	4	4	3
-3.75°	6	6	5	5	5	5	4	4	4	4	3
-5°	6	6	5	5	5	5	4	4	4	4	3
-6.25°	6	6	5	5	5	5	4	4	4	4	3
-7.5°	6	6	5	5	5	5	4	4	4	4	3
-8.75°	6	6	5	5	5	5	4	4	4	4	3
-10°	6	6	5	5	5	5	4	4	4	4	3
-11.25°	6	6	5	5	5	5	4	4	4	4	3
-12.5°	6	6	5	5	5	5	4	4	4	4	3
-13.75°	6	6	5	5	5	5	4	4	4	4	3
-15°	6	6	5	5	5	5	4	4	4	4	3
-16.25°	6	6	5	5	5	5	4	4	4	4	3
-17.5°	6	5	5	5	5	5	4	4	4	4	3
-18.75°	6	5	5	5	5	4	4	4	4	4	3
-20°	6	5	5	5	5	4	4	4	4	4	3
-21.25°	6	5	5	5	5	4	4	4	4	4	3



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	6	5	5	5	5	4	4	4	4	3	3
-23.75°	5	5	5	5	5	4	4	4	4	3	3
-25°	5	5	5	5	5	4	4	4	4	3	3
-26.25°	5	5	5	5	4	4	4	4	4	3	3
-27.5°	5	5	5	5	4	4	4	4	4	3	3
-28.75°	5	5	5	5	4	4	4	4	4	3	3
-30°	5	5	5	5	4	4	4	4	3	3	3
-31.25°	5	5	5	4	4	4	4	4	3	3	3
-32.5°	5	5	5	4	4	4	4	4	3	3	2
-33.75°	5	5	5	4	4	4	4	4	3	3	2
-35°	5	5	4	4	4	4	4	4	3	3	2
-36.25°	5	5	4	4	4	4	4	3	3	3	2
-37.5°	5	5	4	4	4	4	4	3	3	3	2
-38.75°	5	4	4	4	4	4	4	3	3	2	2
-40°	5	4	4	4	4	4	3	3	3	2	2
-41.25°	4	4	4	4	4	4	3	3	3	2	2
-42.5°	4	4	4	4	4	4	3	3	2	2	2
-43.75°	4	4	4	4	4	3	3	3	2	2	2
-45°	4	4	4	4	4	3	3	3	2	2	2
-46.25°	4	4	4	4	3	3	3	2	2	2	2
-47.5°	4	4	4	4	3	3	3	2	2	2	2
-48.75°	4	4	4	3	3	3	3	2	2	2	2
-50°	4	4	4	3	3	3	2	2	2	2	2
-51.25°	4	4	3	3	3	3	2	2	2	2	2
-52.5°	4	4	3	3	3	2	2	2	2	2	2
-53.75°	4	3	3	3	3	2	2	2	2	2	2
-55°	3	3	3	3	2	2	2	2	2	2	2
-56.25°	3	3	3	2	2	2	2	2	2	2	2
-57.5°	3	3	2	2	2	2	2	2	2	2	1
-58.75°	3	3	2	2	2	2	2	2	2	2	1
-60°	3	2	2	2	2	2	2	2	2	1	1
-61.25°	2	2	2	2	2	2	2	2	2	1	1
-62.5°	2	2	2	2	2	2	2	2	1	1	1
-63.75°	2	2	2	2	2	2	2	1	1	1	1
-65°	2	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	2	1	1	1	1	1	1
-68.75°	2	2	2	2	1	1	1	1	1	1	1
-70°	2	2	1	1	1	1	1	1	1	1	1
-71.25°	2	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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	1	1	1	1	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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	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°	2	1	1	1	1	1	1	0	0	0	0
52.5°	2	1	1	1	1	1	1	1	0	0	0
51.25°	2	1	1	1	1	1	1	1	0	0	0
50°	2	2	1	1	1	1	1	1	0	0	0
48.75°	2	2	1	1	1	1	1	1	0	0	0
47.5°	2	2	1	1	1	1	1	1	0	0	0
46.25°	2	2	1	1	1	1	1	1	0	0	0
45°	2	2	2	1	1	1	1	1	0	0	0
43.75°	2	2	2	1	1	1	1	1	0	0	0
42.5°	2	2	2	1	1	1	1	1	0	0	0
41.25°	2	2	2	1	1	1	1	1	1	0	0
40°	2	2	2	1	1	1	1	1	1	0	0
38.75°	2	2	2	2	1	1	1	1	1	0	0
37.5°	2	2	2	2	1	1	1	1	1	0	0
36.25°	2	2	2	2	1	1	1	1	1	0	0
35°	2	2	2	2	1	1	1	1	1	0	0



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	2	2	2	2	1	1	1	1	1	0	0
32.5°	2	2	2	2	1	1	1	1	1	0	0
31.25°	2	2	2	2	1	1	1	1	1	0	0
30°	2	2	2	2	1	1	1	1	1	0	0
28.75°	2	2	2	2	2	1	1	1	1	0	0
27.5°	2	2	2	2	2	1	1	1	1	0	0
26.25°	2	2	2	2	2	1	1	1	1	0	0
25°	2	2	2	2	2	1	1	1	1	0	0
23.75°	2	2	2	2	2	1	1	1	1	0	0
22.5°	3	2	2	2	2	1	1	1	1	0	0
21.25°	3	2	2	2	2	1	1	1	1	0	0
20°	3	2	2	2	2	1	1	1	1	0	0
18.75°	3	2	2	2	2	1	1	1	1	0	0
17.5°	3	2	2	2	2	1	1	1	1	0	0
16.25°	3	2	2	2	2	1	1	1	1	0	0
15°	3	2	2	2	2	1	1	1	1	0	0
13.75°	3	2	2	2	2	1	1	1	1	0	0
12.5°	3	2	2	2	2	1	1	1	1	0	0
11.25°	3	2	2	2	2	1	1	1	1	0	0
10°	3	2	2	2	2	1	1	1	1	0	0
8.75°	3	2	2	2	2	1	1	1	1	0	0
7.5°	3	2	2	2	2	1	1	1	1	0	0
6.25°	3	2	2	2	2	1	1	1	1	0	0
5°	3	2	2	2	2	1	1	1	1	0	0
3.75°	3	2	2	2	2	1	1	1	1	0	0
2.5°	3	2	2	2	2	1	1	1	1	0	0
1.25°	3	2	2	2	2	1	1	1	1	0	0
0°	3	3	2	2	2	2	1	1	1	1	0
-1.25°	3	2	2	2	2	1	1	1	1	0	0
-2.5°	3	2	2	2	2	1	1	1	1	0	0
-3.75°	3	2	2	2	2	1	1	1	1	0	0
-5°	3	2	2	2	2	1	1	1	1	0	0
-6.25°	3	2	2	2	2	1	1	1	1	0	0
-7.5°	3	2	2	2	2	1	1	1	1	0	0
-8.75°	3	2	2	2	2	1	1	1	1	0	0
-10°	3	2	2	2	2	1	1	1	1	0	0
-11.25°	3	2	2	2	2	1	1	1	1	0	0
-12.5°	3	2	2	2	2	1	1	1	1	0	0
-13.75°	3	2	2	2	2	1	1	1	1	0	0
-15°	3	2	2	2	2	1	1	1	1	0	0
-16.25°	3	2	2	2	2	1	1	1	1	0	0
-17.5°	3	2	2	2	2	1	1	1	1	0	0
-18.75°	3	2	2	2	2	1	1	1	1	0	0
-20°	3	2	2	2	2	1	1	1	1	0	0
-21.25°	3	2	2	2	2	1	1	1	1	0	0



REPORT NUMBER: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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°	3	2	2	2	2	1	1	1	1	0	0
-23.75°	2	2	2	2	2	1	1	1	1	0	0
-25°	2	2	2	2	2	1	1	1	1	0	0
-26.25°	2	2	2	2	2	1	1	1	1	0	0
-27.5°	2	2	2	2	2	1	1	1	1	0	0
-28.75°	2	2	2	2	2	1	1	1	1	0	0
-30°	2	2	2	2	1	1	1	1	1	0	0
-31.25°	2	2	2	2	1	1	1	1	1	0	0
-32.5°	2	2	2	2	1	1	1	1	1	0	0
-33.75°	2	2	2	2	1	1	1	1	1	0	0
-35°	2	2	2	2	1	1	1	1	1	0	0
-36.25°	2	2	2	2	1	1	1	1	1	0	0
-37.5°	2	2	2	2	1	1	1	1	1	0	0
-38.75°	2	2	2	2	1	1	1	1	1	0	0
-40°	2	2	2	1	1	1	1	1	1	0	0
-41.25°	2	2	2	1	1	1	1	1	1	0	0
-42.5°	2	2	2	1	1	1	1	1	0	0	0
-43.75°	2	2	2	1	1	1	1	1	0	0	0
-45°	2	2	2	1	1	1	1	1	0	0	0
-46.25°	2	2	1	1	1	1	1	1	0	0	0
-47.5°	2	2	1	1	1	1	1	1	0	0	0
-48.75°	2	2	1	1	1	1	1	1	0	0	0
-50°	2	2	1	1	1	1	1	1	0	0	0
-51.25°	2	1	1	1	1	1	1	1	0	0	0
-52.5°	2	1	1	1	1	1	1	1	0	0	0
-53.75°	2	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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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: P29419 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-WT-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)