

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: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P29423 (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-BK-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS, FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 4000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

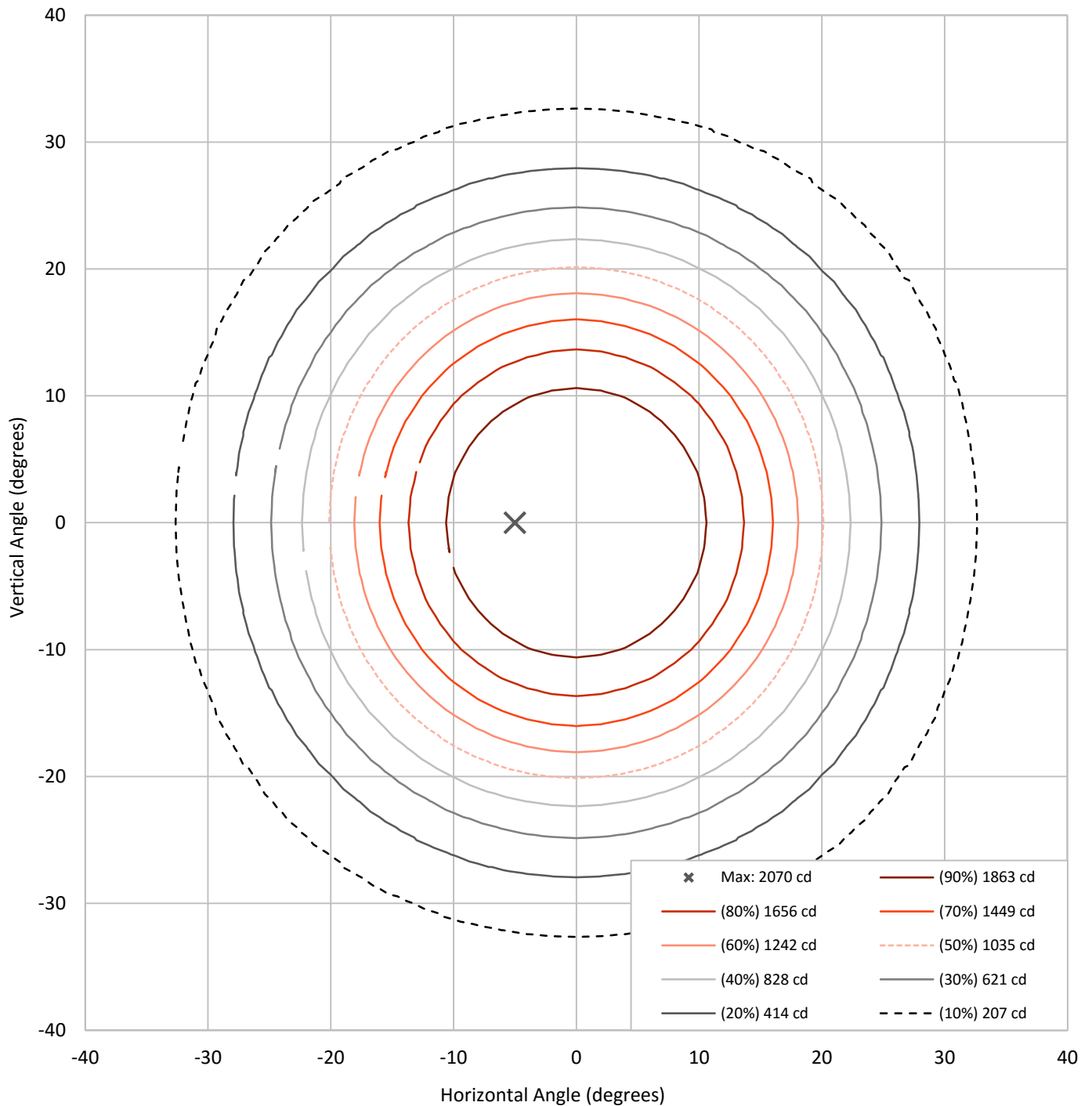
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1014.3 lumens	Max Intensity:	2070 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x 0°V
Efficacy:	101.4 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	40.3°H x 39.1°V	Field Angle (10%):	65°H x 64.5°V
Beam Lumens:	610.7 lumens	Field Lumens:	928.3 lumens
Beam Efficiency:	60.2%	Field Efficiency:	91.5%

Input Watts (W): 10
Input Voltage (V): 120
Input Current (A_{in}): 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

REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Iso-Candela Plot





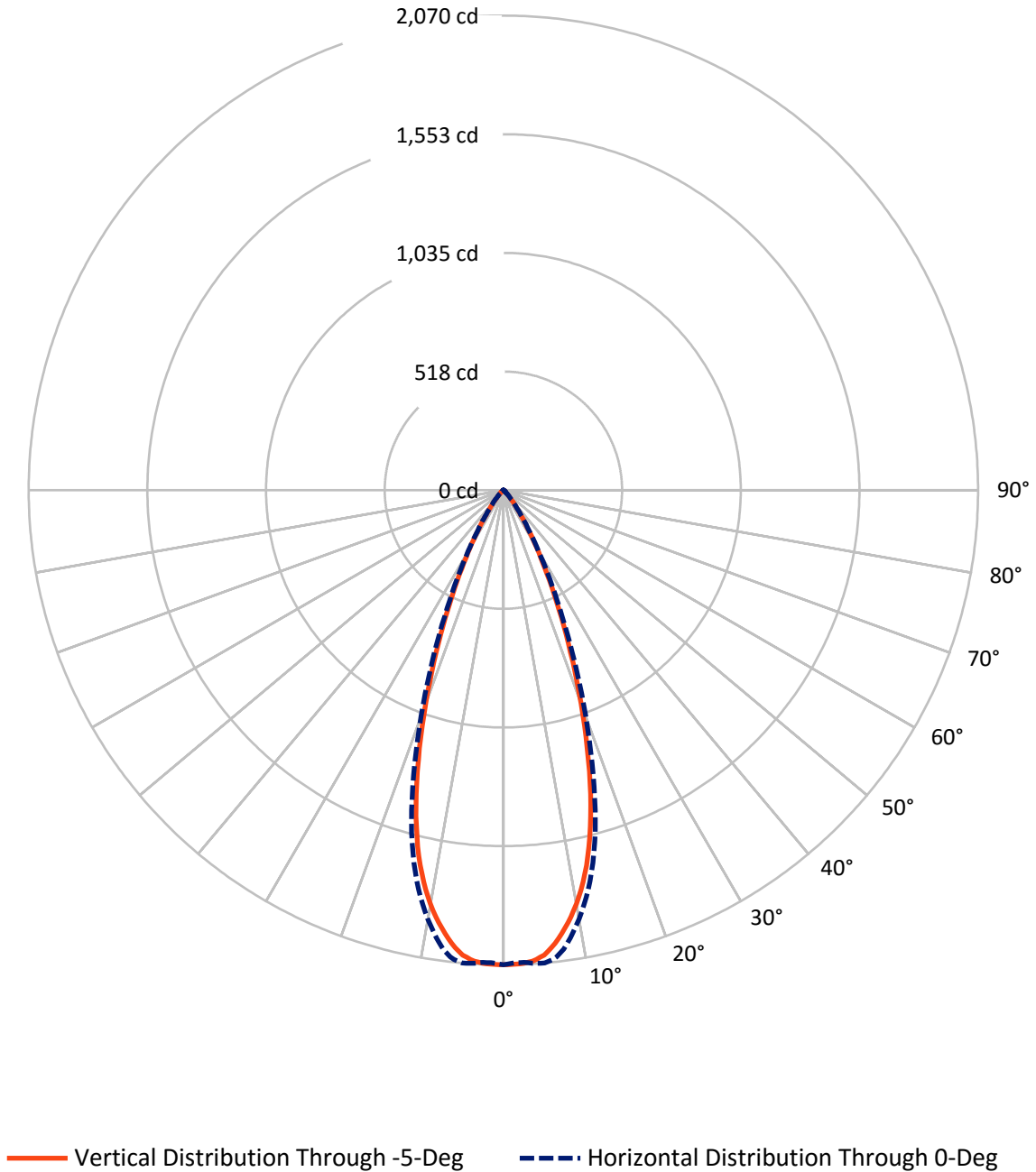
REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

Lumen Table

90	0.0															
80	0.0															
70	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
60		0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	
50	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.8	0.8	0.6	0.3	0.2	0.1	0.0	0.0	0.0
40		0.0	0.1	0.1	0.4	1.3	2.9	4.4	4.4	2.9	1.3	0.4	0.1	0.1	0.0	
30	0.0	0.0	0.1	0.3	1.2	4.3	11.1	17.8	17.8	11.1	4.3	1.2	0.3	0.1	0.0	0.0
20		0.0	0.1	0.4	2.5	10.4	27.6	43.2	43.2	27.6	10.4	2.5	0.4	0.1	0.0	
10	0.0	0.0	0.1	0.6	3.7	16.3	42.0	59.8	59.8	42.0	16.3	3.7	0.6	0.1	0.0	0.0
0		0.0	0.1	0.6	3.7	16.3	42.0	59.8	59.8	42.0	16.3	3.7	0.6	0.1	0.0	
-10	0.0	0.0	0.1	0.6	3.7	16.3	42.0	59.8	59.8	42.0	16.3	3.7	0.6	0.1	0.0	0.0
-20		0.0	0.1	0.4	2.5	10.4	27.6	43.2	43.2	27.6	10.4	2.5	0.4	0.1	0.0	
-30	0.0	0.0	0.1	0.3	1.2	4.3	11.1	17.8	17.8	11.1	4.3	1.2	0.3	0.1	0.0	0.0
-40		0.0	0.1	0.1	0.4	1.3	2.9	4.4	4.4	2.9	1.3	0.4	0.1	0.1	0.0	
-50	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.8	0.8	0.6	0.3	0.2	0.1	0.0	0.0	0.0
-60		0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
-70	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
-80		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-90	0.0															

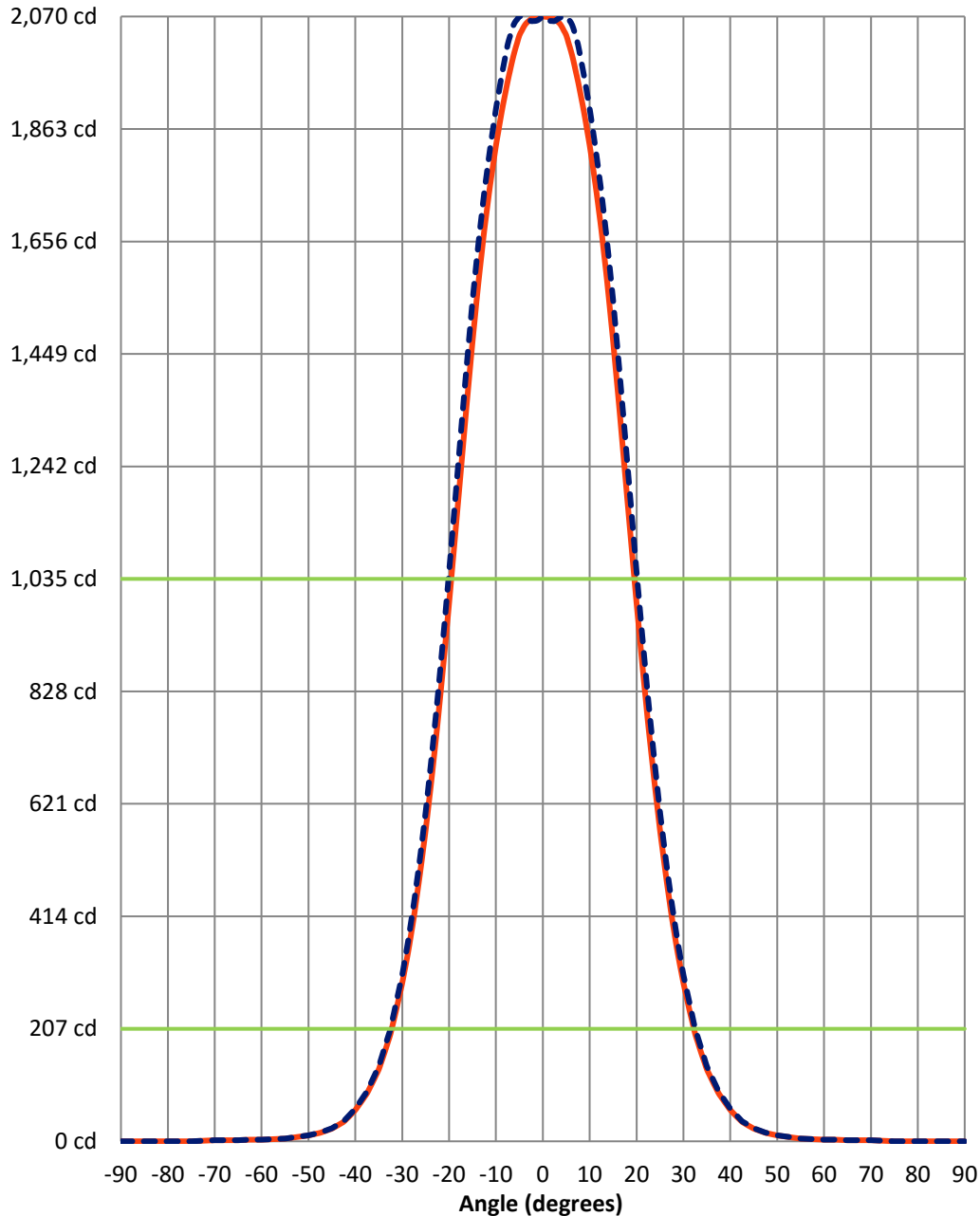
REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 40.3°
 V Angle: 39.1°
 Lumens: 610.7
 Efficiency: 60.2%

Field:
 H Angle: 65°
 V Angle: 64.5°
 Lumens: 928.3
 Efficiency: 91.5%

Spill:
 Lumens: 85.9
 Efficiency: 8.5%

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

FIELD
 BEAM

CANDELA DISTRIBUTION:

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	0	0	0	0	0	1	1	1	2	2	2
32.5°	0	0	0	0	0	1	1	2	2	2	2
31.25°	0	0	0	0	0	1	1	2	2	2	2
30°	0	0	0	0	0	1	1	2	2	2	2
28.75°	0	0	0	0	1	1	1	2	2	2	2
27.5°	0	0	0	0	1	1	2	2	2	2	2
26.25°	0	0	0	0	1	1	2	2	2	2	2
25°	0	0	0	0	1	1	2	2	2	2	2
23.75°	0	0	0	0	1	1	2	2	2	2	2
22.5°	0	0	0	0	1	1	2	2	2	2	2
21.25°	0	0	0	1	1	1	2	2	2	2	2
20°	0	0	0	1	1	1	2	2	2	2	2
18.75°	0	0	0	1	1	2	2	2	2	2	2
17.5°	0	0	0	1	1	2	2	2	2	2	2
16.25°	0	0	0	1	1	2	2	2	2	2	2
15°	0	0	0	1	1	2	2	2	2	2	2
13.75°	0	0	0	1	1	2	2	2	2	2	2
12.5°	0	0	0	1	1	2	2	2	2	2	2
11.25°	0	0	0	1	1	2	2	2	2	2	2
10°	0	0	0	1	1	2	2	2	2	2	2
8.75°	0	0	0	1	1	2	2	2	2	2	2
7.5°	0	0	0	1	1	2	2	2	2	2	2
6.25°	0	0	0	1	1	2	2	2	2	2	2
5°	0	0	0	1	1	2	2	2	2	2	2
3.75°	0	0	0	1	1	2	2	2	2	2	2
2.5°	0	0	0	1	1	2	2	2	2	2	2
1.25°	0	0	0	1	1	2	2	2	2	2	2
0°	0	0	1	1	2	2	2	2	2	2	3
-1.25°	0	0	0	1	1	2	2	2	2	2	2
-2.5°	0	0	0	1	1	2	2	2	2	2	2
-3.75°	0	0	0	1	1	2	2	2	2	2	2
-5°	0	0	0	1	1	2	2	2	2	2	2
-6.25°	0	0	0	1	1	2	2	2	2	2	2
-7.5°	0	0	0	1	1	2	2	2	2	2	2
-8.75°	0	0	0	1	1	2	2	2	2	2	2
-10°	0	0	0	1	1	2	2	2	2	2	2
-11.25°	0	0	0	1	1	2	2	2	2	2	2
-12.5°	0	0	0	1	1	2	2	2	2	2	2
-13.75°	0	0	0	1	1	2	2	2	2	2	2
-15°	0	0	0	1	1	2	2	2	2	2	2
-16.25°	0	0	0	1	1	2	2	2	2	2	2
-17.5°	0	0	0	1	1	2	2	2	2	2	2
-18.75°	0	0	0	1	1	2	2	2	2	2	2
-20°	0	0	0	1	1	1	2	2	2	2	2
-21.25°	0	0	0	1	1	1	2	2	2	2	2



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	2	2	2	2	3	3	3	3	3	4	4
32.5°	2	2	2	2	3	3	3	3	3	4	4
31.25°	2	2	2	3	3	3	3	3	4	4	4
30°	2	2	2	3	3	3	3	3	4	4	5
28.75°	2	2	2	3	3	3	3	3	4	4	5
27.5°	2	2	3	3	3	3	3	4	4	4	5
26.25°	2	2	3	3	3	3	3	4	4	5	5
25°	2	2	3	3	3	3	4	4	4	5	6
23.75°	2	2	3	3	3	3	4	4	5	5	6
22.5°	2	3	3	3	3	3	4	4	5	5	7
21.25°	2	3	3	3	3	3	4	4	5	6	7
20°	2	3	3	3	3	4	4	5	5	6	8
18.75°	2	3	3	3	3	4	4	5	5	7	8
17.5°	2	3	3	3	3	4	4	5	6	7	8
16.25°	3	3	3	3	3	4	4	5	6	7	9
15°	3	3	3	3	4	4	4	5	6	8	9
13.75°	3	3	3	3	4	4	5	5	7	8	9
12.5°	3	3	3	3	4	4	5	5	7	8	10
11.25°	3	3	3	3	4	4	5	6	7	8	10
10°	3	3	3	3	4	4	5	6	7	9	10
8.75°	3	3	3	3	4	4	5	6	7	9	10
7.5°	3	3	3	3	4	4	5	6	8	9	11
6.25°	3	3	3	3	4	4	5	6	8	9	11
5°	3	3	3	3	4	4	5	6	8	9	11
3.75°	3	3	3	3	4	4	5	6	8	9	11
2.5°	3	3	3	3	4	4	5	6	8	9	11
1.25°	3	3	3	3	4	4	5	6	8	9	11
0°	3	3	3	4	4	5	5	6	8	10	11
-1.25°	3	3	3	3	4	4	5	6	8	9	11
-2.5°	3	3	3	3	4	4	5	6	8	9	11
-3.75°	3	3	3	3	4	4	5	6	8	9	11
-5°	3	3	3	3	4	4	5	6	8	9	11
-6.25°	3	3	3	3	4	4	5	6	8	9	11
-7.5°	3	3	3	3	4	4	5	6	8	9	11
-8.75°	3	3	3	3	4	4	5	6	7	9	10
-10°	3	3	3	3	4	4	5	6	7	9	10
-11.25°	3	3	3	3	4	4	5	6	7	8	10
-12.5°	3	3	3	3	4	4	5	5	7	8	10
-13.75°	3	3	3	3	4	4	5	5	7	8	9
-15°	3	3	3	3	4	4	4	5	6	8	9
-16.25°	3	3	3	3	3	4	4	5	6	7	9
-17.5°	2	3	3	3	3	4	4	5	6	7	8
-18.75°	2	3	3	3	3	4	4	5	5	7	8
-20°	2	3	3	3	3	4	4	5	5	6	8
-21.25°	2	3	3	3	3	3	4	4	5	6	7



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	2	3	3	3	3	3	4	4	5	5	7
-23.75°	2	2	3	3	3	3	4	4	5	5	6
-25°	2	2	3	3	3	3	4	4	4	5	6
-26.25°	2	2	3	3	3	3	3	4	4	5	5
-27.5°	2	2	3	3	3	3	3	4	4	4	5
-28.75°	2	2	2	3	3	3	3	3	4	4	5
-30°	2	2	2	3	3	3	3	3	4	4	5
-31.25°	2	2	2	3	3	3	3	3	4	4	4
-32.5°	2	2	2	2	3	3	3	3	3	4	4
-33.75°	2	2	2	2	3	3	3	3	3	4	4
-35°	2	2	2	2	2	3	3	3	3	3	4
-36.25°	2	2	2	2	2	3	3	3	3	3	3
-37.5°	2	2	2	2	2	2	3	3	3	3	3
-38.75°	2	2	2	2	2	2	3	3	3	3	3
-40°	2	2	2	2	2	2	2	3	3	3	3
-41.25°	2	2	2	2	2	2	2	3	3	3	3
-42.5°	2	2	2	2	2	2	2	2	3	3	3
-43.75°	2	2	2	2	2	2	2	2	2	3	3
-45°	2	2	2	2	2	2	2	2	2	3	3
-46.25°	1	2	2	2	2	2	2	2	2	2	3
-47.5°	1	2	2	2	2	2	2	2	2	2	2
-48.75°	1	1	2	2	2	2	2	2	2	2	2
-50°	1	1	1	2	2	2	2	2	2	2	2
-51.25°	1	1	1	2	2	2	2	2	2	2	2
-52.5°	1	1	1	1	2	2	2	2	2	2	2
-53.75°	0	1	1	1	1	2	2	2	2	2	2
-55°	0	0	1	1	1	1	2	2	2	2	2
-56.25°	0	0	0	1	1	1	1	2	2	2	2
-57.5°	0	0	0	0	1	1	1	1	2	2	2
-58.75°	0	0	0	0	0	1	1	1	1	2	2
-60°	0	0	0	0	0	0	1	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	0	1	1	1
-63.75°	0	0	0	0	0	0	0	0	0	0	1
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	1	1	1
67.5°	0	0	0	0	0	1	1	1	1	1	1
66.25°	0	0	0	1	1	1	1	1	1	1	2
65°	0	1	1	1	1	1	1	2	2	2	2
63.75°	1	1	1	1	1	2	2	2	2	2	2
62.5°	1	1	1	2	2	2	2	2	2	2	2
61.25°	1	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	3
55°	2	2	2	2	2	2	2	2	3	3	3
53.75°	2	2	2	2	2	2	3	3	3	3	3
52.5°	2	2	2	2	2	3	3	3	3	3	3
51.25°	2	2	2	3	3	3	3	3	3	3	3
50°	2	2	3	3	3	3	3	3	3	3	3
48.75°	2	3	3	3	3	3	3	3	3	4	4
47.5°	3	3	3	3	3	3	3	3	4	4	4
46.25°	3	3	3	3	3	3	4	4	4	4	5
45°	3	3	3	3	3	4	4	4	4	5	5
43.75°	3	3	3	3	4	4	4	4	5	5	6
42.5°	3	3	3	4	4	4	4	5	5	6	7
41.25°	3	3	4	4	4	4	5	5	6	7	8
40°	3	3	4	4	4	5	5	6	7	8	9
38.75°	3	4	4	4	5	5	6	7	8	9	10
37.5°	4	4	4	5	5	6	7	8	9	10	11
36.25°	4	4	5	5	6	7	8	9	10	11	12
35°	4	4	5	5	7	8	9	10	11	12	14



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	4	5	5	6	7	8	9	10	12	14	15
32.5°	5	5	6	7	8	9	10	11	13	15	17
31.25°	5	5	6	8	9	10	11	13	15	17	19
30°	5	6	7	8	9	11	12	14	16	19	22
28.75°	5	7	8	9	10	12	13	15	18	21	24
27.5°	6	7	8	10	11	13	15	17	20	23	27
26.25°	7	8	9	10	12	14	16	19	22	26	31
25°	7	8	10	11	13	15	17	21	24	29	34
23.75°	8	9	10	12	14	16	19	22	27	32	38
22.5°	8	9	11	13	15	17	21	24	30	35	43
21.25°	9	10	11	13	16	19	22	27	32	39	48
20°	9	10	12	14	17	20	24	29	35	43	53
18.75°	9	11	13	15	18	22	26	32	38	48	58
17.5°	10	11	14	16	19	23	28	34	42	52	64
16.25°	10	12	14	17	21	24	30	36	46	56	69
15°	10	12	15	18	22	26	32	39	50	60	75
13.75°	11	13	15	19	23	28	34	42	53	65	80
12.5°	11	14	16	20	24	29	36	45	56	70	85
11.25°	12	14	17	21	25	31	37	48	59	74	89
10°	12	14	17	21	26	32	39	51	62	78	93
8.75°	12	15	18	22	27	33	42	53	65	81	98
7.5°	13	15	19	22	28	34	43	55	68	84	103
6.25°	13	15	19	23	29	35	45	56	71	86	107
5°	13	16	19	23	29	36	46	58	73	88	110
3.75°	13	16	20	24	30	36	47	59	74	90	112
2.5°	13	16	20	24	30	37	48	59	75	91	114
1.25°	13	16	20	24	30	37	48	60	76	92	115
0°	14	16	20	24	31	37	49	60	76	92	115
-1.25°	13	16	20	24	30	37	48	60	76	92	115
-2.5°	13	16	20	24	30	37	48	59	75	91	114
-3.75°	13	16	20	24	30	36	47	59	74	90	112
-5°	13	16	19	23	29	36	46	58	73	88	110
-6.25°	13	15	19	23	29	35	45	56	71	86	107
-7.5°	13	15	19	22	28	34	43	55	68	84	103
-8.75°	12	15	18	22	27	33	42	53	65	81	98
-10°	12	14	17	21	26	32	39	51	62	78	93
-11.25°	12	14	17	21	25	31	37	48	59	74	89
-12.5°	11	14	16	20	24	29	36	45	56	70	85
-13.75°	11	13	15	19	23	28	34	42	53	65	80
-15°	10	12	15	18	22	26	32	39	50	60	75
-16.25°	10	12	14	17	21	24	30	36	46	56	69
-17.5°	10	11	14	16	19	23	28	34	42	52	64
-18.75°	9	11	13	15	18	22	26	32	38	48	58
-20°	9	10	12	14	17	20	24	29	35	43	53
-21.25°	9	10	11	13	16	19	22	27	32	39	48



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	8	9	11	13	15	17	21	24	30	35	43
-23.75°	8	9	10	12	14	16	19	22	27	32	38
-25°	7	8	10	11	13	15	17	21	24	29	34
-26.25°	7	8	9	10	12	14	16	19	22	26	31
-27.5°	6	7	8	10	11	13	15	17	20	23	27
-28.75°	5	7	8	9	10	12	13	15	18	21	24
-30°	5	6	7	8	9	11	12	14	16	19	22
-31.25°	5	5	6	8	9	10	11	13	15	17	19
-32.5°	5	5	6	7	8	9	10	11	13	15	17
-33.75°	4	5	5	6	7	8	9	10	12	14	15
-35°	4	4	5	5	7	8	9	10	11	12	14
-36.25°	4	4	5	5	6	7	8	9	10	11	12
-37.5°	4	4	4	5	5	6	7	8	9	10	11
-38.75°	3	4	4	4	5	5	6	7	8	9	10
-40°	3	3	4	4	4	5	5	6	7	8	9
-41.25°	3	3	4	4	4	4	5	5	6	7	8
-42.5°	3	3	3	4	4	4	4	5	5	6	7
-43.75°	3	3	3	3	4	4	4	4	5	5	6
-45°	3	3	3	3	3	4	4	4	4	5	5
-46.25°	3	3	3	3	3	3	4	4	4	4	5
-47.5°	3	3	3	3	3	3	3	3	4	4	4
-48.75°	2	3	3	3	3	3	3	3	3	4	4
-50°	2	2	3	3	3	3	3	3	3	3	3
-51.25°	2	2	2	3	3	3	3	3	3	3	3
-52.5°	2	2	2	2	2	3	3	3	3	3	3
-53.75°	2	2	2	2	2	2	3	3	3	3	3
-55°	2	2	2	2	2	2	2	2	3	3	3
-56.25°	2	2	2	2	2	2	2	2	2	2	3
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	1	2	2	2	2	2	2	2	2	2	2
-62.5°	1	1	1	2	2	2	2	2	2	2	2
-63.75°	1	1	1	1	1	2	2	2	2	2	2
-65°	0	1	1	1	1	1	1	2	2	2	2
-66.25°	0	0	0	1	1	1	1	1	1	1	2
-67.5°	0	0	0	0	0	1	1	1	1	1	1
-68.75°	0	0	0	0	0	0	0	0	1	1	1
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	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	2	2	2	2	2
67.5°	1	1	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	3
60°	2	2	2	2	2	2	3	3	3	3	3
58.75°	2	2	2	3	3	3	3	3	3	3	3
57.5°	2	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	4	4	4
53.75°	3	3	3	3	3	3	4	4	4	4	4
52.5°	3	3	3	4	4	4	4	4	4	5	5
51.25°	3	4	4	4	4	4	4	5	5	5	5
50°	4	4	4	4	5	5	5	5	6	6	7
48.75°	4	4	5	5	5	5	6	7	7	8	8
47.5°	4	5	5	5	6	7	7	8	8	9	9
46.25°	5	5	6	6	7	8	8	9	10	10	11
45°	5	6	7	8	8	9	10	10	11	12	13
43.75°	7	7	8	9	9	10	11	12	13	14	15
42.5°	8	8	9	10	11	12	13	14	15	16	17
41.25°	9	9	10	11	12	13	15	16	17	19	21
40°	10	10	11	13	14	15	17	19	21	22	24
38.75°	11	12	13	15	16	18	20	22	24	27	30
37.5°	12	14	15	17	19	21	23	26	29	32	35
36.25°	14	15	17	19	22	24	27	31	34	38	43
35°	15	17	20	22	25	29	32	36	41	47	52



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	17	20	22	26	30	33	37	44	50	56	62
32.5°	20	22	26	30	34	39	46	52	59	67	75
31.25°	22	26	30	34	39	47	54	61	70	79	88
30°	25	30	34	39	47	54	62	72	82	91	104
28.75°	29	33	39	47	54	63	73	84	94	108	121
27.5°	32	37	46	54	62	73	84	96	110	125	139
26.25°	36	44	52	61	72	84	96	111	126	143	164
25°	41	50	59	70	82	94	110	126	144	167	189
23.75°	47	56	67	79	91	108	125	143	167	191	217
22.5°	52	62	75	88	104	121	139	164	189	217	251
21.25°	58	70	83	98	116	134	159	185	212	249	284
20°	64	78	91	110	128	151	178	205	242	279	318
18.75°	71	85	101	121	141	169	197	232	271	310	355
17.5°	78	92	111	131	157	186	218	258	298	345	396
16.25°	84	101	121	142	172	202	242	284	329	381	438
15°	89	109	130	156	187	222	265	308	359	417	480
13.75°	96	117	138	169	201	242	286	335	391	454	522
12.5°	103	125	150	182	216	261	306	360	422	491	564
11.25°	110	131	160	193	233	278	328	386	453	525	604
10°	115	137	170	203	248	294	348	410	482	559	644
8.75°	121	145	179	214	261	309	367	434	508	590	679
7.5°	125	152	186	225	273	324	385	455	532	618	713
6.25°	129	159	192	234	283	336	400	473	554	644	741
5°	132	164	198	242	291	347	413	489	573	665	765
3.75°	135	167	202	249	298	355	424	502	587	682	785
2.5°	137	170	205	253	302	362	432	511	598	694	800
1.25°	138	172	206	256	305	366	437	516	604	702	809
0°	138	173	207	257	306	368	439	518	606	705	812
-1.25°	138	172	206	256	305	366	437	516	604	702	809
-2.5°	137	170	205	253	302	362	432	511	598	694	800
-3.75°	135	167	202	249	298	355	424	502	587	682	785
-5°	132	164	198	242	291	347	413	489	573	665	765
-6.25°	129	159	192	234	283	336	400	473	554	644	741
-7.5°	125	152	186	225	273	324	385	455	532	618	713
-8.75°	121	145	179	214	261	309	367	434	508	590	679
-10°	115	137	170	203	248	294	348	410	482	559	644
-11.25°	110	131	160	193	233	278	328	386	453	525	604
-12.5°	103	125	150	182	216	261	306	360	422	491	564
-13.75°	96	117	138	169	201	242	286	335	391	454	522
-15°	89	109	130	156	187	222	265	308	359	417	480
-16.25°	84	101	121	142	172	202	242	284	329	381	438
-17.5°	78	92	111	131	157	186	218	258	298	345	396
-18.75°	71	85	101	121	141	169	197	232	271	310	355
-20°	64	78	91	110	128	151	178	205	242	279	318
-21.25°	58	70	83	98	116	134	159	185	212	249	284



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	52	62	75	88	104	121	139	164	189	217	251
-23.75°	47	56	67	79	91	108	125	143	167	191	217
-25°	41	50	59	70	82	94	110	126	144	167	189
-26.25°	36	44	52	61	72	84	96	111	126	143	164
-27.5°	32	37	46	54	62	73	84	96	110	125	139
-28.75°	29	33	39	47	54	63	73	84	94	108	121
-30°	25	30	34	39	47	54	62	72	82	91	104
-31.25°	22	26	30	34	39	47	54	61	70	79	88
-32.5°	20	22	26	30	34	39	46	52	59	67	75
-33.75°	17	20	22	26	30	33	37	44	50	56	62
-35°	15	17	20	22	25	29	32	36	41	47	52
-36.25°	14	15	17	19	22	24	27	31	34	38	43
-37.5°	12	14	15	17	19	21	23	26	29	32	35
-38.75°	11	12	13	15	16	18	20	22	24	27	30
-40°	10	10	11	13	14	15	17	19	21	22	24
-41.25°	9	9	10	11	12	13	15	16	17	19	21
-42.5°	8	8	9	10	11	12	13	14	15	16	17
-43.75°	7	7	8	9	9	10	11	12	13	14	15
-45°	5	6	7	8	8	9	10	10	11	12	13
-46.25°	5	5	6	6	7	8	8	9	10	10	11
-47.5°	4	5	5	5	6	7	7	8	8	9	9
-48.75°	4	4	5	5	5	5	6	7	7	8	8
-50°	4	4	4	4	5	5	5	5	6	6	7
-51.25°	3	4	4	4	4	4	4	5	5	5	5
-52.5°	3	3	3	4	4	4	4	4	4	5	5
-53.75°	3	3	3	3	3	3	4	4	4	4	4
-55°	3	3	3	3	3	3	3	3	4	4	4
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	2	3	3	3	3	3	3	3	3	3	3
-58.75°	2	2	2	3	3	3	3	3	3	3	3
-60°	2	2	2	2	2	2	3	3	3	3	3
-61.25°	2	2	2	2	2	2	2	2	2	2	3
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	1	1	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	2	2	2	2	2
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	0	0	0	0	0	1	1	1	1	1	1
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	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	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	4	4	4	4	4	4
56.25°	3	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	5	5	5	5	5
53.75°	4	5	5	5	5	5	5	5	6	6	6
52.5°	5	5	5	6	6	6	7	7	7	7	7
51.25°	6	6	7	7	7	8	8	8	8	9	9
50°	7	8	8	8	9	9	9	10	10	10	10
48.75°	9	9	9	10	10	10	11	11	12	12	12
47.5°	10	10	11	11	12	12	13	14	14	14	15
46.25°	11	12	13	14	14	15	15	16	17	17	18
45°	13	14	15	16	17	18	19	20	21	21	22
43.75°	16	17	18	19	21	22	23	24	25	26	27
42.5°	19	20	22	23	24	26	28	29	31	32	33
41.25°	22	24	26	28	30	32	34	36	37	39	42
40°	27	29	32	34	36	39	42	45	48	51	53
38.75°	32	35	38	42	46	50	53	56	59	62	65
37.5°	39	43	48	52	56	60	65	70	74	78	81
36.25°	48	53	58	64	69	75	80	85	89	93	98
35°	58	64	71	78	84	89	96	103	110	115	121



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	70	78	85	92	101	109	117	125	131	137	145
32.5°	83	91	101	111	121	130	138	150	160	170	179
31.25°	98	110	121	131	142	156	169	182	193	203	214
30°	116	128	141	157	172	187	201	216	233	248	261
28.75°	134	151	169	186	202	222	242	261	278	294	309
27.5°	159	178	197	218	242	265	286	306	328	348	367
26.25°	185	205	232	258	284	308	335	360	386	410	434
25°	212	242	271	298	329	359	391	422	453	482	508
23.75°	249	279	310	345	381	417	454	491	525	559	590
22.5°	284	318	355	396	438	480	522	564	604	644	679
21.25°	320	362	405	453	500	548	596	645	690	735	776
20°	362	409	460	512	566	620	675	730	782	832	879
18.75°	405	460	516	575	636	697	758	820	878	934	987
17.5°	453	512	575	641	708	776	845	913	979	1040	1098
16.25°	500	566	636	708	783	858	934	1009	1081	1148	1210
15°	548	620	697	776	858	941	1024	1105	1182	1255	1322
13.75°	596	675	758	845	934	1024	1114	1200	1282	1359	1427
12.5°	645	730	820	913	1009	1105	1200	1291	1378	1456	1526
11.25°	690	782	878	979	1081	1182	1282	1378	1465	1546	1614
10°	735	832	934	1040	1148	1255	1359	1456	1546	1624	1691
8.75°	776	879	987	1098	1210	1322	1427	1526	1614	1691	1756
7.5°	814	921	1034	1150	1266	1380	1487	1586	1672	1748	1812
6.25°	846	958	1075	1195	1315	1430	1540	1637	1722	1795	1858
5°	874	990	1110	1233	1356	1472	1580	1676	1760	1833	1896
3.75°	897	1015	1138	1263	1387	1504	1612	1708	1790	1862	1925
2.5°	913	1033	1158	1285	1409	1528	1635	1729	1811	1883	1946
1.25°	923	1044	1170	1298	1423	1542	1648	1742	1823	1896	1959
0°	927	1048	1175	1303	1428	1547	1653	1746	1828	1900	1963
-1.25°	923	1044	1170	1298	1423	1542	1648	1742	1823	1896	1959
-2.5°	913	1033	1158	1285	1409	1528	1635	1729	1811	1883	1946
-3.75°	897	1015	1138	1263	1387	1504	1612	1708	1790	1862	1925
-5°	874	990	1110	1233	1356	1472	1580	1676	1760	1833	1896
-6.25°	846	958	1075	1195	1315	1430	1540	1637	1722	1795	1858
-7.5°	814	921	1034	1150	1266	1380	1487	1586	1672	1748	1812
-8.75°	776	879	987	1098	1210	1322	1427	1526	1614	1691	1756
-10°	735	832	934	1040	1148	1255	1359	1456	1546	1624	1691
-11.25°	690	782	878	979	1081	1182	1282	1378	1465	1546	1614
-12.5°	645	730	820	913	1009	1105	1200	1291	1378	1456	1526
-13.75°	596	675	758	845	934	1024	1114	1200	1282	1359	1427
-15°	548	620	697	776	858	941	1024	1105	1182	1255	1322
-16.25°	500	566	636	708	783	858	934	1009	1081	1148	1210
-17.5°	453	512	575	641	708	776	845	913	979	1040	1098
-18.75°	405	460	516	575	636	697	758	820	878	934	987
-20°	362	409	460	512	566	620	675	730	782	832	879
-21.25°	320	362	405	453	500	548	596	645	690	735	776



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	284	318	355	396	438	480	522	564	604	644	679
-23.75°	249	279	310	345	381	417	454	491	525	559	590
-25°	212	242	271	298	329	359	391	422	453	482	508
-26.25°	185	205	232	258	284	308	335	360	386	410	434
-27.5°	159	178	197	218	242	265	286	306	328	348	367
-28.75°	134	151	169	186	202	222	242	261	278	294	309
-30°	116	128	141	157	172	187	201	216	233	248	261
-31.25°	98	110	121	131	142	156	169	182	193	203	214
-32.5°	83	91	101	111	121	130	138	150	160	170	179
-33.75°	70	78	85	92	101	109	117	125	131	137	145
-35°	58	64	71	78	84	89	96	103	110	115	121
-36.25°	48	53	58	64	69	75	80	85	89	93	98
-37.5°	39	43	48	52	56	60	65	70	74	78	81
-38.75°	32	35	38	42	46	50	53	56	59	62	65
-40°	27	29	32	34	36	39	42	45	48	51	53
-41.25°	22	24	26	28	30	32	34	36	37	39	42
-42.5°	19	20	22	23	24	26	28	29	31	32	33
-43.75°	16	17	18	19	21	22	23	24	25	26	27
-45°	13	14	15	16	17	18	19	20	21	21	22
-46.25°	11	12	13	14	14	15	15	16	17	17	18
-47.5°	10	10	11	11	12	12	13	14	14	14	15
-48.75°	9	9	9	10	10	10	11	11	12	12	12
-50°	7	8	8	8	9	9	9	10	10	10	10
-51.25°	6	6	7	7	7	8	8	8	8	9	9
-52.5°	5	5	5	6	6	6	7	7	7	7	7
-53.75°	4	5	5	5	5	5	5	5	6	6	6
-55°	4	4	4	4	4	4	5	5	5	5	5
-56.25°	3	4	4	4	4	4	4	4	4	4	4
-57.5°	3	3	3	3	3	4	4	4	4	4	4
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	2	2	2	2	3	3	3	3	3	3	3
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	1	1	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-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: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	1	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	2	1	1	1	1
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	3	2	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	4	3	3	3	3
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	5	4	4	4	4
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	6	6	6	6	6	6	6	6	6	6	6
52.5°	8	8	8	8	8	8	8	8	8	8	8
51.25°	9	9	9	9	9	9	10	9	9	9	9
50°	11	11	11	11	11	11	11	11	11	11	11
48.75°	13	13	13	13	13	13	14	13	13	13	13
47.5°	15	15	16	16	16	16	16	16	16	16	16
46.25°	19	19	19	20	20	20	20	20	20	20	19
45°	22	23	23	24	24	24	24	24	24	24	23
43.75°	28	29	29	30	30	30	31	30	30	30	29
42.5°	34	35	36	36	37	37	37	37	37	36	36
41.25°	43	45	46	47	48	48	49	48	48	47	46
40°	55	56	58	59	59	60	60	60	59	59	58
38.75°	68	71	73	74	75	76	76	76	75	74	73
37.5°	84	86	88	90	91	92	92	92	91	90	88
36.25°	103	107	110	112	114	115	115	115	114	112	110
35°	125	129	132	135	137	138	138	138	137	135	132



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	152	159	164	167	170	172	173	172	170	167	164
32.5°	186	192	198	202	205	206	207	206	205	202	198
31.25°	225	234	242	249	253	256	257	256	253	249	242
30°	273	283	291	298	302	305	306	305	302	298	291
28.75°	324	336	347	355	362	366	368	366	362	355	347
27.5°	385	400	413	424	432	437	439	437	432	424	413
26.25°	455	473	489	502	511	516	518	516	511	502	489
25°	532	554	573	587	598	604	606	604	598	587	573
23.75°	618	644	665	682	694	702	705	702	694	682	665
22.5°	713	741	765	785	800	809	812	809	800	785	765
21.25°	814	846	874	897	913	923	927	923	913	897	874
20°	921	958	990	1015	1033	1044	1048	1044	1033	1015	990
18.75°	1034	1075	1110	1138	1158	1170	1175	1170	1158	1138	1110
17.5°	1150	1195	1233	1263	1285	1298	1303	1298	1285	1263	1233
16.25°	1266	1315	1356	1387	1409	1423	1428	1423	1409	1387	1356
15°	1380	1430	1472	1504	1528	1542	1547	1542	1528	1504	1472
13.75°	1487	1540	1580	1612	1635	1648	1653	1648	1635	1612	1580
12.5°	1586	1637	1676	1708	1729	1742	1746	1742	1729	1708	1676
11.25°	1672	1722	1760	1790	1811	1823	1828	1823	1811	1790	1760
10°	1748	1795	1833	1862	1883	1896	1900	1896	1883	1862	1833
8.75°	1812	1858	1896	1925	1946	1959	1963	1959	1946	1925	1896
7.5°	1866	1913	1951	1981	2003	2014	2019	2014	2003	1981	1951
6.25°	1913	1959	1999	2027	2044	2053	2056	2053	2044	2027	1999
5°	1951	1999	2035	2056	2065	2069	2070	2069	2065	2056	2035
3.75°	1981	2027	2056	2068	2070	2070	2069	2070	2070	2068	2056
2.5°	2003	2044	2065	2070	2067	2063	2062	2063	2067	2070	2065
1.25°	2014	2053	2069	2070	2063	2060	2062	2060	2063	2070	2069
0°	2019	2056	2070	2069	2062	2062	2070	2062	2062	2069	2070
-1.25°	2014	2053	2069	2070	2063	2060	2062	2060	2063	2070	2069
-2.5°	2003	2044	2065	2070	2067	2063	2062	2063	2067	2070	2065
-3.75°	1981	2027	2056	2068	2070	2070	2069	2070	2070	2068	2056
-5°	1951	1999	2035	2056	2065	2069	2070	2069	2065	2056	2035
-6.25°	1913	1959	1999	2027	2044	2053	2056	2053	2044	2027	1999
-7.5°	1866	1913	1951	1981	2003	2014	2019	2014	2003	1981	1951
-8.75°	1812	1858	1896	1925	1946	1959	1963	1959	1946	1925	1896
-10°	1748	1795	1833	1862	1883	1896	1900	1896	1883	1862	1833
-11.25°	1672	1722	1760	1790	1811	1823	1828	1823	1811	1790	1760
-12.5°	1586	1637	1676	1708	1729	1742	1746	1742	1729	1708	1676
-13.75°	1487	1540	1580	1612	1635	1648	1653	1648	1635	1612	1580
-15°	1380	1430	1472	1504	1528	1542	1547	1542	1528	1504	1472
-16.25°	1266	1315	1356	1387	1409	1423	1428	1423	1409	1387	1356
-17.5°	1150	1195	1233	1263	1285	1298	1303	1298	1285	1263	1233
-18.75°	1034	1075	1110	1138	1158	1170	1175	1170	1158	1138	1110
-20°	921	958	990	1015	1033	1044	1048	1044	1033	1015	990
-21.25°	814	846	874	897	913	923	927	923	913	897	874



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	713	741	765	785	800	809	812	809	800	785	765
-23.75°	618	644	665	682	694	702	705	702	694	682	665
-25°	532	554	573	587	598	604	606	604	598	587	573
-26.25°	455	473	489	502	511	516	518	516	511	502	489
-27.5°	385	400	413	424	432	437	439	437	432	424	413
-28.75°	324	336	347	355	362	366	368	366	362	355	347
-30°	273	283	291	298	302	305	306	305	302	298	291
-31.25°	225	234	242	249	253	256	257	256	253	249	242
-32.5°	186	192	198	202	205	206	207	206	205	202	198
-33.75°	152	159	164	167	170	172	173	172	170	167	164
-35°	125	129	132	135	137	138	138	138	137	135	132
-36.25°	103	107	110	112	114	115	115	115	114	112	110
-37.5°	84	86	88	90	91	92	92	92	91	90	88
-38.75°	68	71	73	74	75	76	76	76	75	74	73
-40°	55	56	58	59	59	60	60	60	59	59	58
-41.25°	43	45	46	47	48	48	49	48	48	47	46
-42.5°	34	35	36	36	37	37	37	37	37	36	36
-43.75°	28	29	29	30	30	30	31	30	30	30	29
-45°	22	23	23	24	24	24	24	24	24	24	23
-46.25°	19	19	19	20	20	20	20	20	20	20	19
-47.5°	15	15	16	16	16	16	16	16	16	16	16
-48.75°	13	13	13	13	13	13	14	13	13	13	13
-50°	11	11	11	11	11	11	11	11	11	11	11
-51.25°	9	9	9	9	9	9	10	9	9	9	9
-52.5°	8	8	8	8	8	8	8	8	8	8	8
-53.75°	6	6	6	6	6	6	6	6	6	6	6
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	4	4	4	4	4	4	5	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	3	3	3	3	3	3	4	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	2	2	2	2	2	2	3	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	2	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	0	1	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: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	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°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	2	2
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	4	4	4	4	4	4	4	4	3	3	3
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	5	5	5	5	5	5	5	4	4	4	4
53.75°	6	6	6	6	6	5	5	5	5	5	5
52.5°	8	8	7	7	7	7	7	6	6	6	5
51.25°	9	9	9	9	8	8	8	8	7	7	7
50°	11	11	10	10	10	10	9	9	9	8	8
48.75°	13	13	12	12	12	11	11	10	10	10	9
47.5°	15	15	15	14	14	14	13	12	12	11	11
46.25°	19	19	18	17	17	16	15	15	14	14	13
45°	23	22	22	21	21	20	19	18	17	16	15
43.75°	29	28	27	26	25	24	23	22	21	19	18
42.5°	35	34	33	32	31	29	28	26	24	23	22
41.25°	45	43	42	39	37	36	34	32	30	28	26
40°	56	55	53	51	48	45	42	39	36	34	32
38.75°	71	68	65	62	59	56	53	50	46	42	38
37.5°	86	84	81	78	74	70	65	60	56	52	48
36.25°	107	103	98	93	89	85	80	75	69	64	58
35°	129	125	121	115	110	103	96	89	84	78	71



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	159	152	145	137	131	125	117	109	101	92	85
32.5°	192	186	179	170	160	150	138	130	121	111	101
31.25°	234	225	214	203	193	182	169	156	142	131	121
30°	283	273	261	248	233	216	201	187	172	157	141
28.75°	336	324	309	294	278	261	242	222	202	186	169
27.5°	400	385	367	348	328	306	286	265	242	218	197
26.25°	473	455	434	410	386	360	335	308	284	258	232
25°	554	532	508	482	453	422	391	359	329	298	271
23.75°	644	618	590	559	525	491	454	417	381	345	310
22.5°	741	713	679	644	604	564	522	480	438	396	355
21.25°	846	814	776	735	690	645	596	548	500	453	405
20°	958	921	879	832	782	730	675	620	566	512	460
18.75°	1075	1034	987	934	878	820	758	697	636	575	516
17.5°	1195	1150	1098	1040	979	913	845	776	708	641	575
16.25°	1315	1266	1210	1148	1081	1009	934	858	783	708	636
15°	1430	1380	1322	1255	1182	1105	1024	941	858	776	697
13.75°	1540	1487	1427	1359	1282	1200	1114	1024	934	845	758
12.5°	1637	1586	1526	1456	1378	1291	1200	1105	1009	913	820
11.25°	1722	1672	1614	1546	1465	1378	1282	1182	1081	979	878
10°	1795	1748	1691	1624	1546	1456	1359	1255	1148	1040	934
8.75°	1858	1812	1756	1691	1614	1526	1427	1322	1210	1098	987
7.5°	1913	1866	1812	1748	1672	1586	1487	1380	1266	1150	1034
6.25°	1959	1913	1858	1795	1722	1637	1540	1430	1315	1195	1075
5°	1999	1951	1896	1833	1760	1676	1580	1472	1356	1233	1110
3.75°	2027	1981	1925	1862	1790	1708	1612	1504	1387	1263	1138
2.5°	2044	2003	1946	1883	1811	1729	1635	1528	1409	1285	1158
1.25°	2053	2014	1959	1896	1823	1742	1648	1542	1423	1298	1170
0°	2056	2019	1963	1900	1828	1746	1653	1547	1428	1303	1175
-1.25°	2053	2014	1959	1896	1823	1742	1648	1542	1423	1298	1170
-2.5°	2044	2003	1946	1883	1811	1729	1635	1528	1409	1285	1158
-3.75°	2027	1981	1925	1862	1790	1708	1612	1504	1387	1263	1138
-5°	1999	1951	1896	1833	1760	1676	1580	1472	1356	1233	1110
-6.25°	1959	1913	1858	1795	1722	1637	1540	1430	1315	1195	1075
-7.5°	1913	1866	1812	1748	1672	1586	1487	1380	1266	1150	1034
-8.75°	1858	1812	1756	1691	1614	1526	1427	1322	1210	1098	987
-10°	1795	1748	1691	1624	1546	1456	1359	1255	1148	1040	934
-11.25°	1722	1672	1614	1546	1465	1378	1282	1182	1081	979	878
-12.5°	1637	1586	1526	1456	1378	1291	1200	1105	1009	913	820
-13.75°	1540	1487	1427	1359	1282	1200	1114	1024	934	845	758
-15°	1430	1380	1322	1255	1182	1105	1024	941	858	776	697
-16.25°	1315	1266	1210	1148	1081	1009	934	858	783	708	636
-17.5°	1195	1150	1098	1040	979	913	845	776	708	641	575
-18.75°	1075	1034	987	934	878	820	758	697	636	575	516
-20°	958	921	879	832	782	730	675	620	566	512	460
-21.25°	846	814	776	735	690	645	596	548	500	453	405



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	741	713	679	644	604	564	522	480	438	396	355
-23.75°	644	618	590	559	525	491	454	417	381	345	310
-25°	554	532	508	482	453	422	391	359	329	298	271
-26.25°	473	455	434	410	386	360	335	308	284	258	232
-27.5°	400	385	367	348	328	306	286	265	242	218	197
-28.75°	336	324	309	294	278	261	242	222	202	186	169
-30°	283	273	261	248	233	216	201	187	172	157	141
-31.25°	234	225	214	203	193	182	169	156	142	131	121
-32.5°	192	186	179	170	160	150	138	130	121	111	101
-33.75°	159	152	145	137	131	125	117	109	101	92	85
-35°	129	125	121	115	110	103	96	89	84	78	71
-36.25°	107	103	98	93	89	85	80	75	69	64	58
-37.5°	86	84	81	78	74	70	65	60	56	52	48
-38.75°	71	68	65	62	59	56	53	50	46	42	38
-40°	56	55	53	51	48	45	42	39	36	34	32
-41.25°	45	43	42	39	37	36	34	32	30	28	26
-42.5°	35	34	33	32	31	29	28	26	24	23	22
-43.75°	29	28	27	26	25	24	23	22	21	19	18
-45°	23	22	22	21	21	20	19	18	17	16	15
-46.25°	19	19	18	17	17	16	15	15	14	14	13
-47.5°	15	15	15	14	14	14	13	12	12	11	11
-48.75°	13	13	12	12	12	11	11	10	10	10	9
-50°	11	11	10	10	10	10	9	9	9	8	8
-51.25°	9	9	9	9	8	8	8	8	7	7	7
-52.5°	8	8	7	7	7	7	7	6	6	6	5
-53.75°	6	6	6	6	6	5	5	5	5	5	5
-55°	5	5	5	5	5	5	5	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	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°	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: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	0	0	0	0	0	0	0	0	0
71.25°	1	1	1	1	1	1	1	1	0	0	0
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	2	2	2	2	2	2	2	1	1	1	1
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	3	3	3	2	2	2	2	2	2	2	2
60°	3	3	3	3	3	3	3	2	2	2	2
58.75°	3	3	3	3	3	3	3	3	3	3	2
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	4	3	3	3	3	3	3	3	3	3	3
55°	4	4	4	4	4	3	3	3	3	3	3
53.75°	5	4	4	4	4	4	4	3	3	3	3
52.5°	5	5	5	5	4	4	4	4	4	4	3
51.25°	6	6	5	5	5	5	4	4	4	4	4
50°	8	7	7	6	6	5	5	5	5	4	4
48.75°	9	9	8	8	7	7	6	5	5	5	5
47.5°	10	10	9	9	8	8	7	7	6	5	5
46.25°	12	11	11	10	10	9	8	8	7	6	6
45°	14	13	13	12	11	10	10	9	8	8	7
43.75°	17	16	15	14	13	12	11	10	9	9	8
42.5°	20	19	17	16	15	14	13	12	11	10	9
41.25°	24	22	21	19	17	16	15	13	12	11	10
40°	29	27	24	22	21	19	17	15	14	13	11
38.75°	35	32	30	27	24	22	20	18	16	15	13
37.5°	43	39	35	32	29	26	23	21	19	17	15
36.25°	53	48	43	38	34	31	27	24	22	19	17
35°	64	58	52	47	41	36	32	29	25	22	20



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	78	70	62	56	50	44	37	33	30	26	22
32.5°	91	83	75	67	59	52	46	39	34	30	26
31.25°	110	98	88	79	70	61	54	47	39	34	30
30°	128	116	104	91	82	72	62	54	47	39	34
28.75°	151	134	121	108	94	84	73	63	54	47	39
27.5°	178	159	139	125	110	96	84	73	62	54	46
26.25°	205	185	164	143	126	111	96	84	72	61	52
25°	242	212	189	167	144	126	110	94	82	70	59
23.75°	279	249	217	191	167	143	125	108	91	79	67
22.5°	318	284	251	217	189	164	139	121	104	88	75
21.25°	362	320	284	249	212	185	159	134	116	98	83
20°	409	362	318	279	242	205	178	151	128	110	91
18.75°	460	405	355	310	271	232	197	169	141	121	101
17.5°	512	453	396	345	298	258	218	186	157	131	111
16.25°	566	500	438	381	329	284	242	202	172	142	121
15°	620	548	480	417	359	308	265	222	187	156	130
13.75°	675	596	522	454	391	335	286	242	201	169	138
12.5°	730	645	564	491	422	360	306	261	216	182	150
11.25°	782	690	604	525	453	386	328	278	233	193	160
10°	832	735	644	559	482	410	348	294	248	203	170
8.75°	879	776	679	590	508	434	367	309	261	214	179
7.5°	921	814	713	618	532	455	385	324	273	225	186
6.25°	958	846	741	644	554	473	400	336	283	234	192
5°	990	874	765	665	573	489	413	347	291	242	198
3.75°	1015	897	785	682	587	502	424	355	298	249	202
2.5°	1033	913	800	694	598	511	432	362	302	253	205
1.25°	1044	923	809	702	604	516	437	366	305	256	206
0°	1048	927	812	705	606	518	439	368	306	257	207
-1.25°	1044	923	809	702	604	516	437	366	305	256	206
-2.5°	1033	913	800	694	598	511	432	362	302	253	205
-3.75°	1015	897	785	682	587	502	424	355	298	249	202
-5°	990	874	765	665	573	489	413	347	291	242	198
-6.25°	958	846	741	644	554	473	400	336	283	234	192
-7.5°	921	814	713	618	532	455	385	324	273	225	186
-8.75°	879	776	679	590	508	434	367	309	261	214	179
-10°	832	735	644	559	482	410	348	294	248	203	170
-11.25°	782	690	604	525	453	386	328	278	233	193	160
-12.5°	730	645	564	491	422	360	306	261	216	182	150
-13.75°	675	596	522	454	391	335	286	242	201	169	138
-15°	620	548	480	417	359	308	265	222	187	156	130
-16.25°	566	500	438	381	329	284	242	202	172	142	121
-17.5°	512	453	396	345	298	258	218	186	157	131	111
-18.75°	460	405	355	310	271	232	197	169	141	121	101
-20°	409	362	318	279	242	205	178	151	128	110	91
-21.25°	362	320	284	249	212	185	159	134	116	98	83



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	318	284	251	217	189	164	139	121	104	88	75
-23.75°	279	249	217	191	167	143	125	108	91	79	67
-25°	242	212	189	167	144	126	110	94	82	70	59
-26.25°	205	185	164	143	126	111	96	84	72	61	52
-27.5°	178	159	139	125	110	96	84	73	62	54	46
-28.75°	151	134	121	108	94	84	73	63	54	47	39
-30°	128	116	104	91	82	72	62	54	47	39	34
-31.25°	110	98	88	79	70	61	54	47	39	34	30
-32.5°	91	83	75	67	59	52	46	39	34	30	26
-33.75°	78	70	62	56	50	44	37	33	30	26	22
-35°	64	58	52	47	41	36	32	29	25	22	20
-36.25°	53	48	43	38	34	31	27	24	22	19	17
-37.5°	43	39	35	32	29	26	23	21	19	17	15
-38.75°	35	32	30	27	24	22	20	18	16	15	13
-40°	29	27	24	22	21	19	17	15	14	13	11
-41.25°	24	22	21	19	17	16	15	13	12	11	10
-42.5°	20	19	17	16	15	14	13	12	11	10	9
-43.75°	17	16	15	14	13	12	11	10	9	9	8
-45°	14	13	13	12	11	10	10	9	8	8	7
-46.25°	12	11	11	10	10	9	8	8	7	6	6
-47.5°	10	10	9	9	8	8	7	7	6	5	5
-48.75°	9	9	8	8	7	7	6	5	5	5	5
-50°	8	7	7	6	6	5	5	5	5	4	4
-51.25°	6	6	5	5	5	5	4	4	4	4	4
-52.5°	5	5	5	5	4	4	4	4	4	4	3
-53.75°	5	4	4	4	4	4	4	3	3	3	3
-55°	4	4	4	4	4	3	3	3	3	3	3
-56.25°	4	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	2
-60°	3	3	3	3	3	3	3	2	2	2	2
-61.25°	3	3	3	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	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	0	0	0
-72.5°	1	1	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: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	1	1	0	0	0	0	0	0	0	0	0
68.75°	1	1	1	1	1	0	0	0	0	0	0
67.5°	1	1	1	1	1	1	1	1	0	0	0
66.25°	2	2	2	1	1	1	1	1	1	1	0
65°	2	2	2	2	2	2	1	1	1	1	1
63.75°	2	2	2	2	2	2	2	2	1	1	1
62.5°	2	2	2	2	2	2	2	2	2	2	1
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	2	2
57.5°	3	2	2	2	2	2	2	2	2	2	2
56.25°	3	3	3	2	2	2	2	2	2	2	2
55°	3	3	3	3	3	2	2	2	2	2	2
53.75°	3	3	3	3	3	3	3	2	2	2	2
52.5°	3	3	3	3	3	3	3	3	2	2	2
51.25°	4	3	3	3	3	3	3	3	3	3	2
50°	4	4	3	3	3	3	3	3	3	3	3
48.75°	4	4	4	4	3	3	3	3	3	3	3
47.5°	5	4	4	4	4	3	3	3	3	3	3
46.25°	5	5	5	4	4	4	4	3	3	3	3
45°	6	5	5	5	4	4	4	4	3	3	3
43.75°	7	7	6	5	5	4	4	4	4	3	3
42.5°	8	8	7	6	5	5	4	4	4	4	3
41.25°	9	9	8	7	6	5	5	4	4	4	4
40°	10	10	9	8	7	6	5	5	4	4	4
38.75°	12	11	10	9	8	7	6	5	5	4	4
37.5°	14	12	11	10	9	8	7	6	5	5	4
36.25°	15	14	12	11	10	9	8	7	6	5	5
35°	17	15	14	12	11	10	9	8	7	5	5



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	20	17	15	14	12	10	9	8	7	6	5
32.5°	22	20	17	15	13	11	10	9	8	7	6
31.25°	26	22	19	17	15	13	11	10	9	8	6
30°	30	25	22	19	16	14	12	11	9	8	7
28.75°	33	29	24	21	18	15	13	12	10	9	8
27.5°	37	32	27	23	20	17	15	13	11	10	8
26.25°	44	36	31	26	22	19	16	14	12	10	9
25°	50	41	34	29	24	21	17	15	13	11	10
23.75°	56	47	38	32	27	22	19	16	14	12	10
22.5°	62	52	43	35	30	24	21	17	15	13	11
21.25°	70	58	48	39	32	27	22	19	16	13	11
20°	78	64	53	43	35	29	24	20	17	14	12
18.75°	85	71	58	48	38	32	26	22	18	15	13
17.5°	92	78	64	52	42	34	28	23	19	16	14
16.25°	101	84	69	56	46	36	30	24	21	17	14
15°	109	89	75	60	50	39	32	26	22	18	15
13.75°	117	96	80	65	53	42	34	28	23	19	15
12.5°	125	103	85	70	56	45	36	29	24	20	16
11.25°	131	110	89	74	59	48	37	31	25	21	17
10°	137	115	93	78	62	51	39	32	26	21	17
8.75°	145	121	98	81	65	53	42	33	27	22	18
7.5°	152	125	103	84	68	55	43	34	28	22	19
6.25°	159	129	107	86	71	56	45	35	29	23	19
5°	164	132	110	88	73	58	46	36	29	23	19
3.75°	167	135	112	90	74	59	47	36	30	24	20
2.5°	170	137	114	91	75	59	48	37	30	24	20
1.25°	172	138	115	92	76	60	48	37	30	24	20
0°	173	138	115	92	76	60	49	37	31	24	20
-1.25°	172	138	115	92	76	60	48	37	30	24	20
-2.5°	170	137	114	91	75	59	48	37	30	24	20
-3.75°	167	135	112	90	74	59	47	36	30	24	20
-5°	164	132	110	88	73	58	46	36	29	23	19
-6.25°	159	129	107	86	71	56	45	35	29	23	19
-7.5°	152	125	103	84	68	55	43	34	28	22	19
-8.75°	145	121	98	81	65	53	42	33	27	22	18
-10°	137	115	93	78	62	51	39	32	26	21	17
-11.25°	131	110	89	74	59	48	37	31	25	21	17
-12.5°	125	103	85	70	56	45	36	29	24	20	16
-13.75°	117	96	80	65	53	42	34	28	23	19	15
-15°	109	89	75	60	50	39	32	26	22	18	15
-16.25°	101	84	69	56	46	36	30	24	21	17	14
-17.5°	92	78	64	52	42	34	28	23	19	16	14
-18.75°	85	71	58	48	38	32	26	22	18	15	13
-20°	78	64	53	43	35	29	24	20	17	14	12
-21.25°	70	58	48	39	32	27	22	19	16	13	11



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	62	52	43	35	30	24	21	17	15	13	11
-23.75°	56	47	38	32	27	22	19	16	14	12	10
-25°	50	41	34	29	24	21	17	15	13	11	10
-26.25°	44	36	31	26	22	19	16	14	12	10	9
-27.5°	37	32	27	23	20	17	15	13	11	10	8
-28.75°	33	29	24	21	18	15	13	12	10	9	8
-30°	30	25	22	19	16	14	12	11	9	8	7
-31.25°	26	22	19	17	15	13	11	10	9	8	6
-32.5°	22	20	17	15	13	11	10	9	8	7	6
-33.75°	20	17	15	14	12	10	9	8	7	6	5
-35°	17	15	14	12	11	10	9	8	7	5	5
-36.25°	15	14	12	11	10	9	8	7	6	5	5
-37.5°	14	12	11	10	9	8	7	6	5	5	4
-38.75°	12	11	10	9	8	7	6	5	5	4	4
-40°	10	10	9	8	7	6	5	5	4	4	4
-41.25°	9	9	8	7	6	5	5	4	4	4	4
-42.5°	8	8	7	6	5	5	4	4	4	4	3
-43.75°	7	7	6	5	5	4	4	4	4	3	3
-45°	6	5	5	5	4	4	4	4	3	3	3
-46.25°	5	5	5	4	4	4	4	3	3	3	3
-47.5°	5	4	4	4	4	3	3	3	3	3	3
-48.75°	4	4	4	4	3	3	3	3	3	3	3
-50°	4	4	3	3	3	3	3	3	3	3	3
-51.25°	4	3	3	3	3	3	3	3	3	3	2
-52.5°	3	3	3	3	3	3	3	3	2	2	2
-53.75°	3	3	3	3	3	3	3	2	2	2	2
-55°	3	3	3	3	3	2	2	2	2	2	2
-56.25°	3	3	3	2	2	2	2	2	2	2	2
-57.5°	3	2	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	1
-63.75°	2	2	2	2	2	2	2	2	1	1	1
-65°	2	2	2	2	2	2	1	1	1	1	1
-66.25°	2	2	2	1	1	1	1	1	1	1	0
-67.5°	1	1	1	1	1	1	1	1	0	0	0
-68.75°	1	1	1	1	1	0	0	0	0	0	0
-70°	1	1	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	5	4	4	4	3	3	3	3	3	2	2
32.5°	5	5	4	4	3	3	3	3	3	2	2
31.25°	5	5	4	4	4	3	3	3	3	3	2
30°	6	5	5	4	4	3	3	3	3	3	2
28.75°	7	5	5	4	4	3	3	3	3	3	2
27.5°	7	6	5	4	4	4	3	3	3	3	3
26.25°	8	7	5	5	4	4	3	3	3	3	3
25°	8	7	6	5	4	4	4	3	3	3	3
23.75°	9	8	6	5	5	4	4	3	3	3	3
22.5°	9	8	7	5	5	4	4	3	3	3	3
21.25°	10	9	7	6	5	4	4	3	3	3	3
20°	10	9	8	6	5	5	4	4	3	3	3
18.75°	11	9	8	7	5	5	4	4	3	3	3
17.5°	11	10	8	7	6	5	4	4	3	3	3
16.25°	12	10	9	7	6	5	4	4	3	3	3
15°	12	10	9	8	6	5	4	4	4	3	3
13.75°	13	11	9	8	7	5	5	4	4	3	3
12.5°	14	11	10	8	7	5	5	4	4	3	3
11.25°	14	12	10	8	7	6	5	4	4	3	3
10°	14	12	10	9	7	6	5	4	4	3	3
8.75°	15	12	10	9	7	6	5	4	4	3	3
7.5°	15	13	11	9	8	6	5	4	4	3	3
6.25°	15	13	11	9	8	6	5	4	4	3	3
5°	16	13	11	9	8	6	5	4	4	3	3
3.75°	16	13	11	9	8	6	5	4	4	3	3
2.5°	16	13	11	9	8	6	5	4	4	3	3
1.25°	16	13	11	9	8	6	5	4	4	3	3
0°	16	14	11	10	8	6	5	5	4	4	3
-1.25°	16	13	11	9	8	6	5	4	4	3	3
-2.5°	16	13	11	9	8	6	5	4	4	3	3
-3.75°	16	13	11	9	8	6	5	4	4	3	3
-5°	16	13	11	9	8	6	5	4	4	3	3
-6.25°	15	13	11	9	8	6	5	4	4	3	3
-7.5°	15	13	11	9	8	6	5	4	4	3	3
-8.75°	15	12	10	9	7	6	5	4	4	3	3
-10°	14	12	10	9	7	6	5	4	4	3	3
-11.25°	14	12	10	8	7	6	5	4	4	3	3
-12.5°	14	11	10	8	7	5	5	4	4	3	3
-13.75°	13	11	9	8	7	5	5	4	4	3	3
-15°	12	10	9	8	6	5	4	4	4	3	3
-16.25°	12	10	9	7	6	5	4	4	3	3	3
-17.5°	11	10	8	7	6	5	4	4	3	3	3
-18.75°	11	9	8	7	5	5	4	4	3	3	3
-20°	10	9	8	6	5	5	4	4	3	3	3
-21.25°	10	9	7	6	5	4	4	3	3	3	3



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	9	8	7	5	5	4	4	3	3	3	3
-23.75°	9	8	6	5	5	4	4	3	3	3	3
-25°	8	7	6	5	4	4	4	3	3	3	3
-26.25°	8	7	5	5	4	4	3	3	3	3	3
-27.5°	7	6	5	4	4	4	3	3	3	3	3
-28.75°	7	5	5	4	4	3	3	3	3	3	2
-30°	6	5	5	4	4	3	3	3	3	3	2
-31.25°	5	5	4	4	4	3	3	3	3	3	2
-32.5°	5	5	4	4	3	3	3	3	3	2	2
-33.75°	5	4	4	4	3	3	3	3	3	2	2
-35°	4	4	4	3	3	3	3	3	2	2	2
-36.25°	4	4	3	3	3	3	3	3	2	2	2
-37.5°	4	4	3	3	3	3	3	2	2	2	2
-38.75°	4	3	3	3	3	3	3	2	2	2	2
-40°	3	3	3	3	3	3	2	2	2	2	2
-41.25°	3	3	3	3	3	3	2	2	2	2	2
-42.5°	3	3	3	3	3	2	2	2	2	2	2
-43.75°	3	3	3	3	2	2	2	2	2	2	2
-45°	3	3	3	3	2	2	2	2	2	2	2
-46.25°	3	3	3	2	2	2	2	2	2	2	2
-47.5°	3	3	2	2	2	2	2	2	2	2	2
-48.75°	3	2	2	2	2	2	2	2	2	2	2
-50°	2	2	2	2	2	2	2	2	2	2	1
-51.25°	2	2	2	2	2	2	2	2	2	2	1
-52.5°	2	2	2	2	2	2	2	2	2	1	1
-53.75°	2	2	2	2	2	2	2	2	1	1	1
-55°	2	2	2	2	2	2	2	1	1	1	1
-56.25°	2	2	2	2	2	2	1	1	1	1	0
-57.5°	2	2	2	2	2	1	1	1	1	0	0
-58.75°	2	2	2	2	1	1	1	1	0	0	0
-60°	2	2	1	1	1	1	1	0	0	0	0
-61.25°	2	1	1	1	1	1	0	0	0	0	0
-62.5°	1	1	1	1	1	0	0	0	0	0	0
-63.75°	1	1	1	0	0	0	0	0	0	0	0
-65°	1	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	2	2	2	2	2	1	1	1	0	0	0
32.5°	2	2	2	2	2	2	1	1	0	0	0
31.25°	2	2	2	2	2	2	1	1	0	0	0
30°	2	2	2	2	2	2	1	1	0	0	0
28.75°	2	2	2	2	2	2	1	1	1	0	0
27.5°	2	2	2	2	2	2	2	1	1	0	0
26.25°	2	2	2	2	2	2	2	1	1	0	0
25°	2	2	2	2	2	2	2	1	1	0	0
23.75°	2	2	2	2	2	2	2	1	1	0	0
22.5°	3	2	2	2	2	2	2	1	1	0	0
21.25°	3	2	2	2	2	2	2	1	1	1	0
20°	3	2	2	2	2	2	2	1	1	1	0
18.75°	3	2	2	2	2	2	2	2	1	1	0
17.5°	3	2	2	2	2	2	2	2	1	1	0
16.25°	3	3	2	2	2	2	2	2	1	1	0
15°	3	3	2	2	2	2	2	2	1	1	0
13.75°	3	3	2	2	2	2	2	2	1	1	0
12.5°	3	3	2	2	2	2	2	2	1	1	0
11.25°	3	3	2	2	2	2	2	2	1	1	0
10°	3	3	2	2	2	2	2	2	1	1	0
8.75°	3	3	2	2	2	2	2	2	1	1	0
7.5°	3	3	2	2	2	2	2	2	1	1	0
6.25°	3	3	2	2	2	2	2	2	1	1	0
5°	3	3	2	2	2	2	2	2	1	1	0
3.75°	3	3	2	2	2	2	2	2	1	1	0
2.5°	3	3	2	2	2	2	2	2	1	1	0
1.25°	3	3	2	2	2	2	2	2	1	1	0
0°	3	3	3	2	2	2	2	2	2	1	1
-1.25°	3	3	2	2	2	2	2	2	1	1	0
-2.5°	3	3	2	2	2	2	2	2	1	1	0
-3.75°	3	3	2	2	2	2	2	2	1	1	0
-5°	3	3	2	2	2	2	2	2	1	1	0
-6.25°	3	3	2	2	2	2	2	2	1	1	0
-7.5°	3	3	2	2	2	2	2	2	1	1	0
-8.75°	3	3	2	2	2	2	2	2	1	1	0
-10°	3	3	2	2	2	2	2	2	1	1	0
-11.25°	3	3	2	2	2	2	2	2	1	1	0
-12.5°	3	3	2	2	2	2	2	2	1	1	0
-13.75°	3	3	2	2	2	2	2	2	1	1	0
-15°	3	3	2	2	2	2	2	2	1	1	0
-16.25°	3	3	2	2	2	2	2	2	1	1	0
-17.5°	3	2	2	2	2	2	2	2	1	1	0
-18.75°	3	2	2	2	2	2	2	2	1	1	0
-20°	3	2	2	2	2	2	2	1	1	1	0
-21.25°	3	2	2	2	2	2	2	1	1	1	0



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-78.75°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	88.75°	90°
33.75°	0	0
32.5°	0	0
31.25°	0	0
30°	0	0
28.75°	0	0
27.5°	0	0
26.25°	0	0
25°	0	0
23.75°	0	0
22.5°	0	0
21.25°	0	0
20°	0	0
18.75°	0	0
17.5°	0	0
16.25°	0	0
15°	0	0
13.75°	0	0
12.5°	0	0
11.25°	0	0
10°	0	0
8.75°	0	0
7.5°	0	0
6.25°	0	0
5°	0	0
3.75°	0	0
2.5°	0	0
1.25°	0	0
0°	0	0
-1.25°	0	0
-2.5°	0	0
-3.75°	0	0
-5°	0	0
-6.25°	0	0
-7.5°	0	0
-8.75°	0	0
-10°	0	0
-11.25°	0	0
-12.5°	0	0
-13.75°	0	0
-15°	0	0
-16.25°	0	0
-17.5°	0	0
-18.75°	0	0
-20°	0	0
-21.25°	0	0



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-F-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29423 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	88.75°	90°
-78.75°	0	0
-80°	0	0
-81.25°	0	0
-82.5°	0	0
-83.75°	0	0
-85°	0	0
-86.25°	0	0
-87.5°	0	0
-88.75°	0	0
-90°	0	0

(END OF REPORT)