

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: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV**

Issue Date: 3/3/2020

Test Information

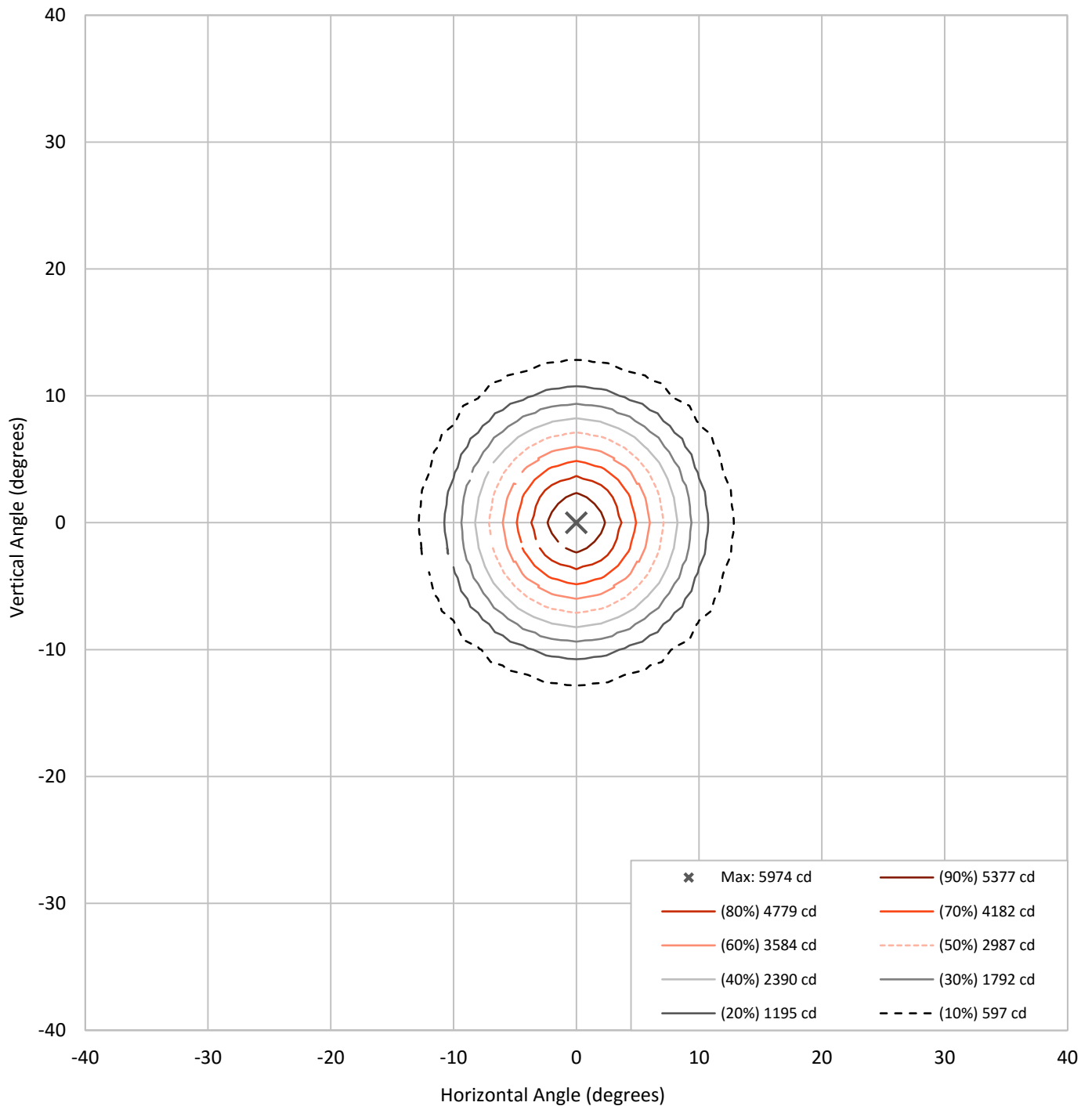
Test Method: LM-79-08
Report Number: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS, SPOT OPTIC, WHITE HOUSING.
Light Source: (1) 4000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	467.2 lumens	Max Intensity:	5974 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	46.7 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	14.2°H x 14.2°V	Field Angle (10%):	25.2°H x 25.2°V
Beam Lumens:	193.9 lumens	Field Lumens:	357.3 lumens
Beam Efficiency:	41.5%	Field Efficiency:	76.5%
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		

REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

Iso-Candela Plot





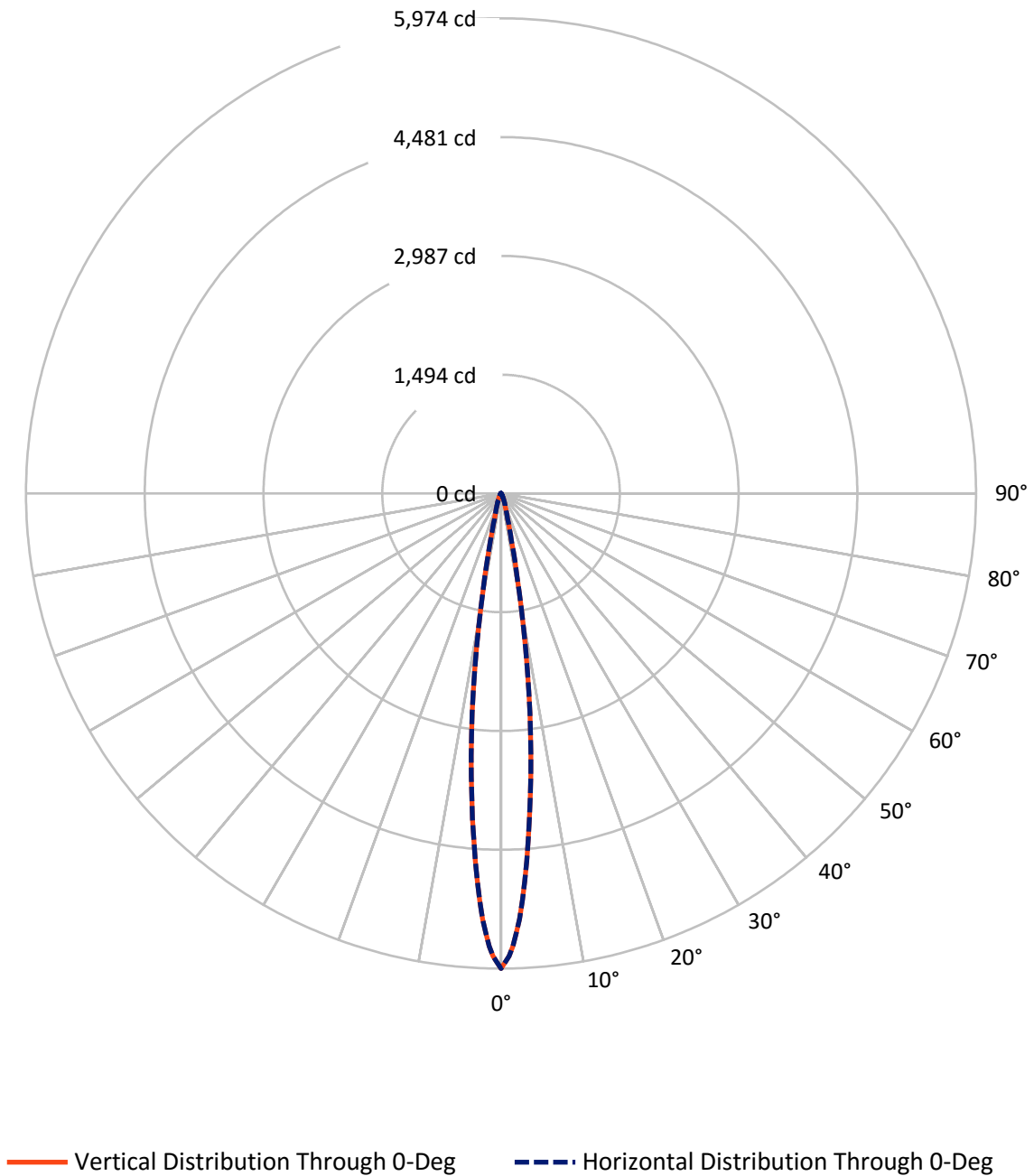
REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

Lumen Table

90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
70	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	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
50	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0
40		0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.0	0.0
30	0.0	0.0	0.1	0.1	0.2	0.3	1.0	1.9	1.9	1.0	0.3	0.2	0.1	0.1	0.0
20		0.0	0.1	0.1	0.2	0.9	3.7	10.3	10.3	3.7	0.9	0.2	0.1	0.1	0.0
10	0.0	0.0	0.1	0.1	0.3	1.8	10.1	82.8	82.8	10.1	1.8	0.3	0.1	0.1	0.0
0		0.0	0.1	0.1	0.3	1.8	10.1	82.8	82.8	10.1	1.8	0.3	0.1	0.1	0.0
-10	0.0	0.0	0.1	0.1	0.2	0.9	3.7	10.3	10.3	3.7	0.9	0.2	0.1	0.1	0.0
-20		0.0	0.1	0.1	0.2	0.3	1.0	1.9	1.9	1.0	0.3	0.2	0.1	0.1	0.0
-30	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.0	0.0
-40		0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0
-50	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	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	0.0	0.0	0.0	0.0
-70	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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
-90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	

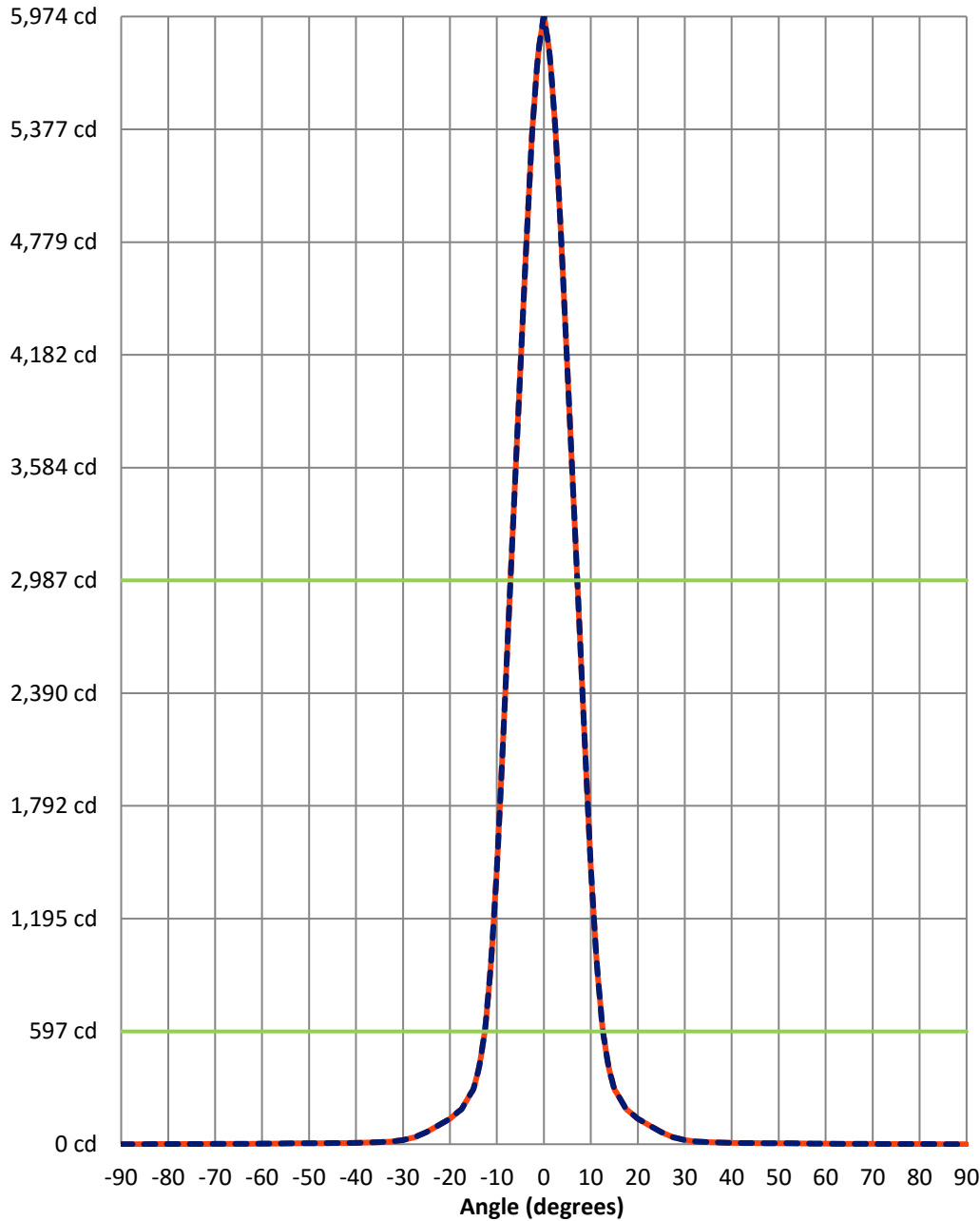
REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-WT-L1-UNV

Luminous Intensity Plot



Beam:
H Angle: 14.2°
V Angle: 14.2°
Lumens: 193.9
Efficiency: 41.5%

Field:
H Angle: 25.2°
V Angle: 25.2°
Lumens: 357.3
Efficiency: 76.5%

Spill:
Lumens: 109.9
Efficiency: 23.5%

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



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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	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	1
57.5°	0	0	0	0	0	0	0	0	0	0	1
56.25°	0	0	0	0	0	0	0	0	0	0	1
55°	0	0	0	0	0	0	0	0	0	1	1
53.75°	0	0	0	0	0	0	0	0	0	1	1
52.5°	0	0	0	0	0	0	0	0	0	1	1
51.25°	0	0	0	0	0	0	0	0	0	1	1
50°	0	0	0	0	0	0	0	0	1	1	1
48.75°	0	0	0	0	0	0	0	0	1	1	1
47.5°	0	0	0	0	0	0	0	0	1	1	1
46.25°	0	0	0	0	0	0	0	0	1	1	1
45°	0	0	0	0	0	0	0	0	1	1	1
43.75°	0	0	0	0	0	0	0	1	1	1	1
42.5°	0	0	0	0	0	0	0	1	1	1	1
41.25°	0	0	0	0	0	0	0	1	1	1	1
40°	0	0	0	0	0	0	0	1	1	1	1
38.75°	0	0	0	0	0	0	0	1	1	1	1
37.5°	0	0	0	0	0	0	0	1	1	1	1
36.25°	0	0	0	0	0	0	0	1	1	1	1
35°	0	0	0	0	0	0	0	1	1	1	1



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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	0	0	0	1	1	1	1
32.5°	0	0	0	0	0	0	1	1	1	1	1
31.25°	0	0	0	0	0	0	1	1	1	1	1
30°	0	0	0	0	0	0	1	1	1	1	1
28.75°	0	0	0	0	0	0	1	1	1	1	1
27.5°	0	0	0	0	0	0	1	1	1	1	1
26.25°	0	0	0	0	0	0	1	1	1	1	1
25°	0	0	0	0	0	0	1	1	1	1	1
23.75°	0	0	0	0	0	0	1	1	1	1	1
22.5°	0	0	0	0	0	0	1	1	1	1	1
21.25°	0	0	0	0	0	0	1	1	1	1	1
20°	0	0	0	0	0	0	1	1	1	1	1
18.75°	0	0	0	0	0	0	1	1	1	1	1
17.5°	0	0	0	0	0	0	1	1	1	1	1
16.25°	0	0	0	0	0	0	1	1	1	1	1
15°	0	0	0	0	0	0	1	1	1	1	1
13.75°	0	0	0	0	0	0	1	1	1	1	1
12.5°	0	0	0	0	0	0	1	1	1	1	1
11.25°	0	0	0	0	0	0	1	1	1	1	1
10°	0	0	0	0	0	0	1	1	1	1	1
8.75°	0	0	0	0	0	0	1	1	1	1	1
7.5°	0	0	0	0	0	0	1	1	1	1	1
6.25°	0	0	0	0	0	0	1	1	1	1	1
5°	0	0	0	0	0	0	1	1	1	1	1
3.75°	0	0	0	0	0	0	1	1	1	1	1
2.5°	0	0	0	0	0	0	1	1	1	1	1
1.25°	0	0	0	0	0	0	1	1	1	1	1
0°	0	0	0	0	0	1	1	1	1	1	1
-1.25°	0	0	0	0	0	0	1	1	1	1	1
-2.5°	0	0	0	0	0	0	1	1	1	1	1
-3.75°	0	0	0	0	0	0	1	1	1	1	1
-5°	0	0	0	0	0	0	1	1	1	1	1
-6.25°	0	0	0	0	0	0	1	1	1	1	1
-7.5°	0	0	0	0	0	0	1	1	1	1	1
-8.75°	0	0	0	0	0	0	1	1	1	1	1
-10°	0	0	0	0	0	0	1	1	1	1	1
-11.25°	0	0	0	0	0	0	1	1	1	1	1
-12.5°	0	0	0	0	0	0	1	1	1	1	1
-13.75°	0	0	0	0	0	0	1	1	1	1	1
-15°	0	0	0	0	0	0	1	1	1	1	1
-16.25°	0	0	0	0	0	0	1	1	1	1	1
-17.5°	0	0	0	0	0	0	1	1	1	1	1
-18.75°	0	0	0	0	0	0	1	1	1	1	1
-20°	0	0	0	0	0	0	1	1	1	1	1
-21.25°	0	0	0	0	0	0	1	1	1	1	1



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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	0	0	1	1	1	1	1
-23.75°	0	0	0	0	0	0	1	1	1	1	1
-25°	0	0	0	0	0	0	1	1	1	1	1
-26.25°	0	0	0	0	0	0	1	1	1	1	1
-27.5°	0	0	0	0	0	0	1	1	1	1	1
-28.75°	0	0	0	0	0	0	1	1	1	1	1
-30°	0	0	0	0	0	0	1	1	1	1	1
-31.25°	0	0	0	0	0	0	1	1	1	1	1
-32.5°	0	0	0	0	0	0	1	1	1	1	1
-33.75°	0	0	0	0	0	0	0	1	1	1	1
-35°	0	0	0	0	0	0	0	1	1	1	1
-36.25°	0	0	0	0	0	0	0	1	1	1	1
-37.5°	0	0	0	0	0	0	0	1	1	1	1
-38.75°	0	0	0	0	0	0	0	1	1	1	1
-40°	0	0	0	0	0	0	0	1	1	1	1
-41.25°	0	0	0	0	0	0	0	1	1	1	1
-42.5°	0	0	0	0	0	0	0	1	1	1	1
-43.75°	0	0	0	0	0	0	0	1	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	1	1	1
-47.5°	0	0	0	0	0	0	0	0	1	1	1
-48.75°	0	0	0	0	0	0	0	0	1	1	1
-50°	0	0	0	0	0	0	0	0	1	1	1
-51.25°	0	0	0	0	0	0	0	0	0	1	1
-52.5°	0	0	0	0	0	0	0	0	0	1	1
-53.75°	0	0	0	0	0	0	0	0	0	1	1
-55°	0	0	0	0	0	0	0	0	0	1	1
-56.25°	0	0	0	0	0	0	0	0	0	0	1
-57.5°	0	0	0	0	0	0	0	0	0	0	1
-58.75°	0	0	0	0	0	0	0	0	0	0	1
-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: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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	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	1	1
73.75°	0	0	0	0	0	0	0	0	1	1	1
72.5°	0	0	0	0	0	0	1	1	1	1	1
71.25°	0	0	0	0	0	1	1	1	1	1	1
70°	0	0	0	0	1	1	1	1	1	1	1
68.75°	0	0	0	1	1	1	1	1	1	1	1
67.5°	0	0	0	1	1	1	1	1	1	1	1
66.25°	0	0	1	1	1	1	1	1	1	1	1
65°	0	1	1	1	1	1	1	1	1	1	1
63.75°	0	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	1
46.25°	1	1	1	1	1	1	1	1	1	1	1
45°	1	1	1	1	1	1	1	1	1	1	1
43.75°	1	1	1	1	1	1	1	1	1	1	1
42.5°	1	1	1	1	1	1	1	1	1	1	2
41.25°	1	1	1	1	1	1	1	1	1	1	2
40°	1	1	1	1	1	1	1	1	1	2	2
38.75°	1	1	1	1	1	1	1	1	1	2	2
37.5°	1	1	1	1	1	1	1	1	1	2	2
36.25°	1	1	1	1	1	1	1	1	2	2	2
35°	1	1	1	1	1	1	1	1	2	2	2



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	1	1	1	1	1	1	1	1	2	2	2
32.5°	1	1	1	1	1	1	1	2	2	2	2
31.25°	1	1	1	1	1	1	1	2	2	2	2
30°	1	1	1	1	1	1	1	2	2	2	2
28.75°	1	1	1	1	1	1	1	2	2	2	2
27.5°	1	1	1	1	1	1	2	2	2	2	2
26.25°	1	1	1	1	1	1	2	2	2	2	2
25°	1	1	1	1	1	1	2	2	2	2	2
23.75°	1	1	1	1	1	1	2	2	2	2	2
22.5°	1	1	1	1	1	1	2	2	2	2	2
21.25°	1	1	1	1	1	1	2	2	2	2	2
20°	1	1	1	1	1	1	2	2	2	2	2
18.75°	1	1	1	1	1	2	2	2	2	2	2
17.5°	1	1	1	1	1	2	2	2	2	2	2
16.25°	1	1	1	1	1	2	2	2	2	2	2
15°	1	1	1	1	1	2	2	2	2	2	2
13.75°	1	1	1	1	1	2	2	2	2	2	2
12.5°	1	1	1	1	1	2	2	2	2	2	2
11.25°	1	1	1	1	1	2	2	2	2	2	2
10°	1	1	1	1	1	2	2	2	2	2	2
8.75°	1	1	1	1	1	2	2	2	2	2	2
7.5°	1	1	1	1	1	2	2	2	2	2	2
6.25°	1	1	1	1	1	2	2	2	2	2	2
5°	1	1	1	1	1	2	2	2	2	2	2
3.75°	1	1	1	1	1	2	2	2	2	2	2
2.5°	1	1	1	1	1	2	2	2	2	2	2
1.25°	1	1	1	1	1	2	2	2	2	2	2
0°	1	1	1	1	2	2	2	2	2	2	2
-1.25°	1	1	1	1	1	2	2	2	2	2	2
-2.5°	1	1	1	1	1	2	2	2	2	2	2
-3.75°	1	1	1	1	1	2	2	2	2	2	2
-5°	1	1	1	1	1	2	2	2	2	2	2
-6.25°	1	1	1	1	1	2	2	2	2	2	2
-7.5°	1	1	1	1	1	2	2	2	2	2	2
-8.75°	1	1	1	1	1	2	2	2	2	2	2
-10°	1	1	1	1	1	2	2	2	2	2	2
-11.25°	1	1	1	1	1	2	2	2	2	2	2
-12.5°	1	1	1	1	1	2	2	2	2	2	2
-13.75°	1	1	1	1	1	2	2	2	2	2	2
-15°	1	1	1	1	1	2	2	2	2	2	2
-16.25°	1	1	1	1	1	2	2	2	2	2	2
-17.5°	1	1	1	1	1	2	2	2	2	2	2
-18.75°	1	1	1	1	1	2	2	2	2	2	2
-20°	1	1	1	1	1	1	2	2	2	2	2
-21.25°	1	1	1	1	1	1	2	2	2	2	2



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	1	1	1	1	1	1	2	2	2	2	2
-23.75°	1	1	1	1	1	1	2	2	2	2	2
-25°	1	1	1	1	1	1	2	2	2	2	2
-26.25°	1	1	1	1	1	1	2	2	2	2	2
-27.5°	1	1	1	1	1	1	2	2	2	2	2
-28.75°	1	1	1	1	1	1	1	2	2	2	2
-30°	1	1	1	1	1	1	1	2	2	2	2
-31.25°	1	1	1	1	1	1	1	2	2	2	2
-32.5°	1	1	1	1	1	1	1	2	2	2	2
-33.75°	1	1	1	1	1	1	1	1	2	2	2
-35°	1	1	1	1	1	1	1	1	2	2	2
-36.25°	1	1	1	1	1	1	1	1	2	2	2
-37.5°	1	1	1	1	1	1	1	1	1	2	2
-38.75°	1	1	1	1	1	1	1	1	1	2	2
-40°	1	1	1	1	1	1	1	1	1	2	2
-41.25°	1	1	1	1	1	1	1	1	1	1	2
-42.5°	1	1	1	1	1	1	1	1	1	1	2
-43.75°	1	1	1	1	1	1	1	1	1	1	1
-45°	1	1	1	1	1	1	1	1	1	1	1
-46.25°	1	1	1	1	1	1	1	1	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	0	1	1	1	1	1	1	1	1	1	1
-65°	0	1	1	1	1	1	1	1	1	1	1
-66.25°	0	0	1	1	1	1	1	1	1	1	1
-67.5°	0	0	0	1	1	1	1	1	1	1	1
-68.75°	0	0	0	1	1	1	1	1	1	1	1
-70°	0	0	0	0	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	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	1	1	1
-75°	0	0	0	0	0	0	0	0	0	1	1
-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: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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	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: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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	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	1
78.75°	0	0	0	0	0	0	1	1	1	1	1
77.5°	0	0	0	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	2	2
57.5°	1	1	1	1	1	1	1	1	2	2	2
56.25°	1	1	1	1	1	1	1	2	2	2	2
55°	1	1	1	1	1	1	2	2	2	2	2
53.75°	1	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	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	2	2	2	2	2	2	2	2	2	2	2
42.5°	2	2	2	2	2	2	2	2	2	2	2
41.25°	2	2	2	2	2	2	2	2	2	2	3
40°	2	2	2	2	2	2	2	2	2	2	3
38.75°	2	2	2	2	2	2	2	2	2	3	3
37.5°	2	2	2	2	2	2	2	2	3	3	3
36.25°	2	2	2	2	2	2	2	2	3	3	3
35°	2	2	2	2	2	2	2	3	3	3	3



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	2	2	2	2	2	2	2	3	3	3	3
32.5°	2	2	2	2	2	2	3	3	3	3	3
31.25°	2	2	2	2	2	2	3	3	3	3	3
30°	2	2	2	2	2	3	3	3	3	3	4
28.75°	2	2	2	2	2	3	3	3	3	3	4
27.5°	2	2	2	2	2	3	3	3	3	3	4
26.25°	2	2	2	2	3	3	3	3	3	4	4
25°	2	2	2	2	3	3	3	3	3	4	4
23.75°	2	2	2	2	3	3	3	3	4	4	4
22.5°	2	2	2	2	3	3	3	3	4	4	5
21.25°	2	2	2	3	3	3	3	3	4	4	5
20°	2	2	2	3	3	3	3	4	4	4	5
18.75°	2	2	2	3	3	3	3	4	4	5	5
17.5°	2	2	2	3	3	3	3	4	4	5	5
16.25°	2	2	2	3	3	3	3	4	4	5	5
15°	2	2	3	3	3	3	3	4	4	5	5
13.75°	2	2	3	3	3	3	4	4	5	5	5
12.5°	2	2	3	3	3	3	4	4	5	5	5
11.25°	2	2	3	3	3	3	4	4	5	5	5
10°	2	2	3	3	3	3	4	4	5	5	5
8.75°	2	2	3	3	3	3	4	4	5	5	5
7.5°	2	2	3	3	3	3	4	4	5	5	5
6.25°	2	2	3	3	3	3	4	4	5	5	5
5°	2	2	3	3	3	3	4	4	5	5	5
3.75°	2	2	3	3	3	3	4	4	5	5	5
2.5°	2	2	3	3	3	3	4	4	5	5	5
1.25°	2	2	3	3	3	3	4	4	5	5	5
0°	2	3	3	3	3	4	4	5	5	5	5
-1.25°	2	2	3	3	3	3	4	4	5	5	5
-2.5°	2	2	3	3	3	3	4	4	5	5	5
-3.75°	2	2	3	3	3	3	4	4	5	5	5
-5°	2	2	3	3	3	3	4	4	5	5	5
-6.25°	2	2	3	3	3	3	4	4	5	5	5
-7.5°	2	2	3	3	3	3	4	4	5	5	5
-8.75°	2	2	3	3	3	3	4	4	5	5	5
-10°	2	2	3	3	3	3	4	4	5	5	5
-11.25°	2	2	3	3	3	3	4	4	5	5	5
-12.5°	2	2	3	3	3	3	4	4	5	5	5
-13.75°	2	2	3	3	3	3	4	4	5	5	5
-15°	2	2	3	3	3	3	3	4	4	5	5
-16.25°	2	2	2	3	3	3	3	4	4	5	5
-17.5°	2	2	2	3	3	3	3	4	4	5	5
-18.75°	2	2	2	3	3	3	3	4	4	5	5
-20°	2	2	2	3	3	3	3	4	4	4	5
-21.25°	2	2	2	3	3	3	3	3	4	4	5



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	2	2	2	2	3	3	3	3	4	4	5
-23.75°	2	2	2	2	3	3	3	3	4	4	4
-25°	2	2	2	2	3	3	3	3	3	4	4
-26.25°	2	2	2	2	3	3	3	3	3	4	4
-27.5°	2	2	2	2	2	3	3	3	3	3	4
-28.75°	2	2	2	2	2	3	3	3	3	3	4
-30°	2	2	2	2	2	3	3	3	3	3	4
-31.25°	2	2	2	2	2	2	3	3	3	3	3
-32.5°	2	2	2	2	2	2	3	3	3	3	3
-33.75°	2	2	2	2	2	2	2	3	3	3	3
-35°	2	2	2	2	2	2	2	3	3	3	3
-36.25°	2	2	2	2	2	2	2	2	3	3	3
-37.5°	2	2	2	2	2	2	2	2	3	3	3
-38.75°	2	2	2	2	2	2	2	2	2	3	3
-40°	2	2	2	2	2	2	2	2	2	2	3
-41.25°	2	2	2	2	2	2	2	2	2	2	3
-42.5°	2	2	2	2	2	2	2	2	2	2	2
-43.75°	2	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	1	2	2	2	2	2	2	2	2	2	2
-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°	1	1	1	1	1	2	2	2	2	2	2
-55°	1	1	1	1	1	1	2	2	2	2	2
-56.25°	1	1	1	1	1	1	1	2	2	2	2
-57.5°	1	1	1	1	1	1	1	1	2	2	2
-58.75°	1	1	1	1	1	1	1	1	1	2	2
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	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°	0	0	0	1	1	1	1	1	1	1	1



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	0	0	0	0	0	0	1	1	1	1	1
-80°	0	0	0	0	0	0	0	0	0	0	1
-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: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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	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	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	2
65°	1	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	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	2	2	2	3	3
51.25°	2	2	2	2	2	2	2	2	3	3	3
50°	2	2	2	2	2	2	3	3	3	3	3
48.75°	2	2	2	2	2	3	3	3	3	3	3
47.5°	2	2	2	2	3	3	3	3	3	3	3
46.25°	2	2	2	3	3	3	3	3	3	3	4
45°	2	2	3	3	3	3	3	3	3	4	4
43.75°	2	3	3	3	3	3	3	3	4	4	4
42.5°	3	3	3	3	3	3	3	4	4	4	5
41.25°	3	3	3	3	3	3	4	4	4	5	5
40°	3	3	3	3	3	4	4	4	5	5	5
38.75°	3	3	3	3	4	4	4	5	5	5	5
37.5°	3	3	3	4	4	4	5	5	5	5	5
36.25°	3	3	4	4	4	5	5	5	5	5	5
35°	3	3	4	4	5	5	5	5	5	5	5



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	3	4	4	4	5	5	5	5	5	5	5
32.5°	4	4	4	5	5	5	5	5	5	5	5
31.25°	4	4	4	5	5	5	5	5	5	5	5
30°	4	4	5	5	5	5	5	5	5	5	6
28.75°	4	5	5	5	5	5	5	5	5	6	6
27.5°	4	5	5	5	5	5	5	5	6	6	6
26.25°	5	5	5	5	5	5	5	5	6	6	6
25°	5	5	5	5	5	5	5	6	6	6	6
23.75°	5	5	5	5	5	5	5	6	6	6	6
22.5°	5	5	5	5	5	5	6	6	6	6	6
21.25°	5	5	5	5	5	5	6	6	6	6	6
20°	5	5	5	5	5	6	6	6	6	6	7
18.75°	5	5	5	5	5	6	6	6	6	6	7
17.5°	5	5	5	5	5	6	6	6	6	7	7
16.25°	5	5	5	5	6	6	6	6	6	7	8
15°	5	5	5	5	6	6	6	6	7	7	8
13.75°	5	5	5	5	6	6	6	6	7	7	8
12.5°	5	5	5	5	6	6	6	6	7	8	9
11.25°	5	5	5	6	6	6	6	6	7	8	9
10°	5	5	5	6	6	6	6	7	7	8	9
8.75°	5	5	5	6	6	6	6	7	7	8	9
7.5°	5	5	5	6	6	6	6	7	8	8	9
6.25°	5	5	5	6	6	6	6	7	8	9	10
5°	5	5	5	6	6	6	6	7	8	9	10
3.75°	5	5	5	6	6	6	6	7	8	9	10
2.5°	5	5	5	6	6	6	6	7	8	9	10
1.25°	5	5	5	6	6	6	6	7	8	9	10
0°	5	5	6	6	6	6	7	7	8	9	10
-1.25°	5	5	5	6	6	6	6	7	8	9	10
-2.5°	5	5	5	6	6	6	6	7	8	9	10
-3.75°	5	5	5	6	6	6	6	7	8	9	10
-5°	5	5	5	6	6	6	6	7	8	9	10
-6.25°	5	5	5	6	6	6	6	7	8	9	10
-7.5°	5	5	5	6	6	6	6	7	8	8	9
-8.75°	5	5	5	6	6	6	6	7	7	8	9
-10°	5	5	5	6	6	6	6	7	7	8	9
-11.25°	5	5	5	6	6	6	6	6	7	8	9
-12.5°	5	5	5	5	6	6	6	6	7	8	9
-13.75°	5	5	5	5	6	6	6	6	7	7	8
-15°	5	5	5	5	6	6	6	6	7	7	8
-16.25°	5	5	5	5	6	6	6	6	6	7	8
-17.5°	5	5	5	5	5	6	6	6	6	7	7
-18.75°	5	5	5	5	5	6	6	6	6	6	7
-20°	5	5	5	5	5	6	6	6	6	6	7
-21.25°	5	5	5	5	5	5	6	6	6	6	6



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	5	5	5	5	5	5	6	6	6	6	6
-23.75°	5	5	5	5	5	5	5	6	6	6	6
-25°	5	5	5	5	5	5	5	6	6	6	6
-26.25°	5	5	5	5	5	5	5	5	6	6	6
-27.5°	4	5	5	5	5	5	5	5	6	6	6
-28.75°	4	5	5	5	5	5	5	5	5	6	6
-30°	4	4	5	5	5	5	5	5	5	5	6
-31.25°	4	4	4	5	5	5	5	5	5	5	5
-32.5°	4	4	4	5	5	5	5	5	5	5	5
-33.75°	3	4	4	4	5	5	5	5	5	5	5
-35°	3	3	4	4	5	5	5	5	5	5	5
-36.25°	3	3	4	4	4	5	5	5	5	5	5
-37.5°	3	3	3	4	4	4	5	5	5	5	5
-38.75°	3	3	3	3	4	4	4	5	5	5	5
-40°	3	3	3	3	3	4	4	4	5	5	5
-41.25°	3	3	3	3	3	3	4	4	4	5	5
-42.5°	3	3	3	3	3	3	3	4	4	4	5
-43.75°	2	3	3	3	3	3	3	3	4	4	4
-45°	2	2	3	3	3	3	3	3	3	4	4
-46.25°	2	2	2	3	3	3	3	3	3	3	4
-47.5°	2	2	2	2	3	3	3	3	3	3	3
-48.75°	2	2	2	2	2	3	3	3	3	3	3
-50°	2	2	2	2	2	2	3	3	3	3	3
-51.25°	2	2	2	2	2	2	2	2	3	3	3
-52.5°	2	2	2	2	2	2	2	2	2	3	3
-53.75°	2	2	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-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°	1	1	1	1	1	1	1	2	2	2	2
-66.25°	1	1	1	1	1	1	1	1	1	1	2
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	0	0	0	0	1	1	1	1	1	1	1
-82.5°	0	0	0	0	0	0	0	0	0	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: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	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	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	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	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	3	3	3	3
56.25°	2	2	2	2	3	3	3	3	3	3	3
55°	2	2	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	4	4
51.25°	3	3	3	3	3	3	3	4	4	4	4
50°	3	3	3	3	4	4	4	4	4	4	5
48.75°	3	3	4	4	4	4	4	5	5	5	5
47.5°	3	4	4	4	4	5	5	5	5	5	5
46.25°	4	4	4	4	5	5	5	5	5	5	5
45°	4	4	5	5	5	5	5	5	5	5	5
43.75°	5	5	5	5	5	5	5	5	5	5	5
42.5°	5	5	5	5	5	5	5	5	5	5	5
41.25°	5	5	5	5	5	5	5	5	5	5	6
40°	5	5	5	5	5	5	5	5	6	6	6
38.75°	5	5	5	5	5	5	6	6	6	6	6
37.5°	5	5	5	5	5	6	6	6	6	6	6
36.25°	5	5	5	5	6	6	6	6	6	6	6
35°	5	5	5	6	6	6	6	6	6	6	7



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	5	5	6	6	6	6	6	6	7	7	7
32.5°	5	6	6	6	6	6	6	7	7	7	8
31.25°	6	6	6	6	6	6	7	7	8	8	9
30°	6	6	6	6	6	7	7	8	8	9	10
28.75°	6	6	6	6	7	7	8	8	9	10	10
27.5°	6	6	6	7	7	8	9	9	10	10	11
26.25°	6	6	7	7	8	8	9	10	10	11	12
25°	6	7	7	8	8	9	10	10	11	12	13
23.75°	6	7	7	8	9	10	10	11	12	13	15
22.5°	7	7	8	9	10	10	11	12	13	15	18
21.25°	7	8	8	9	10	11	12	13	14	17	20
20°	7	8	9	10	11	12	13	14	17	20	23
18.75°	8	9	9	10	11	12	14	16	19	22	28
17.5°	8	9	10	11	12	13	15	18	21	27	33
16.25°	8	9	10	11	12	14	17	20	25	31	37
15°	9	10	11	12	13	15	19	22	29	35	44
13.75°	9	10	11	12	14	17	20	26	32	40	51
12.5°	9	10	12	13	15	18	22	29	35	46	58
11.25°	10	11	12	13	16	20	25	32	40	52	64
10°	10	11	12	14	17	21	27	34	44	57	71
8.75°	10	11	13	15	18	22	29	37	49	62	77
7.5°	10	12	13	15	19	24	31	40	53	66	83
6.25°	11	12	13	16	20	26	33	43	56	71	88
5°	11	12	14	17	21	27	35	46	59	75	92
3.75°	11	12	14	17	21	28	36	48	61	78	95
2.5°	11	12	14	18	22	29	36	49	63	80	97
1.25°	11	12	14	18	22	29	37	50	64	81	99
0°	11	13	14	18	22	30	37	51	64	82	99
-1.25°	11	12	14	18	22	29	37	50	64	81	99
-2.5°	11	12	14	18	22	29	36	49	63	80	97
-3.75°	11	12	14	17	21	28	36	48	61	78	95
-5°	11	12	14	17	21	27	35	46	59	75	92
-6.25°	11	12	13	16	20	26	33	43	56	71	88
-7.5°	10	12	13	15	19	24	31	40	53	66	83
-8.75°	10	11	13	15	18	22	29	37	49	62	77
-10°	10	11	12	14	17	21	27	34	44	57	71
-11.25°	10	11	12	13	16	20	25	32	40	52	64
-12.5°	9	10	12	13	15	18	22	29	35	46	58
-13.75°	9	10	11	12	14	17	20	26	32	40	51
-15°	9	10	11	12	13	15	19	22	29	35	44
-16.25°	8	9	10	11	12	14	17	20	25	31	37
-17.5°	8	9	10	11	12	13	15	18	21	27	33
-18.75°	8	9	9	10	11	12	14	16	19	22	28
-20°	7	8	9	10	11	12	13	14	17	20	23
-21.25°	7	8	8	9	10	11	12	13	14	17	20



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	7	7	8	9	10	10	11	12	13	15	18
-23.75°	6	7	7	8	9	10	10	11	12	13	15
-25°	6	7	7	8	8	9	10	10	11	12	13
-26.25°	6	6	7	7	8	8	9	10	10	11	12
-27.5°	6	6	6	7	7	8	9	9	10	10	11
-28.75°	6	6	6	6	7	7	8	8	9	10	10
-30°	6	6	6	6	6	7	7	8	8	9	10
-31.25°	6	6	6	6	6	6	7	7	8	8	9
-32.5°	5	6	6	6	6	6	6	7	7	7	8
-33.75°	5	5	6	6	6	6	6	6	7	7	7
-35°	5	5	5	6	6	6	6	6	6	6	7
-36.25°	5	5	5	5	6	6	6	6	6	6	6
-37.5°	5	5	5	5	5	6	6	6	6	6	6
-38.75°	5	5	5	5	5	5	6	6	6	6	6
-40°	5	5	5	5	5	5	5	5	6	6	6
-41.25°	5	5	5	5	5	5	5	5	5	5	6
-42.5°	5	5	5	5	5	5	5	5	5	5	5
-43.75°	5	5	5	5	5	5	5	5	5	5	5
-45°	4	4	5	5	5	5	5	5	5	5	5
-46.25°	4	4	4	4	5	5	5	5	5	5	5
-47.5°	3	4	4	4	4	5	5	5	5	5	5
-48.75°	3	3	4	4	4	4	4	5	5	5	5
-50°	3	3	3	3	4	4	4	4	4	4	5
-51.25°	3	3	3	3	3	3	3	4	4	4	4
-52.5°	3	3	3	3	3	3	3	3	3	4	4
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	2	2	3	3	3	3	3	3	3	3	3
-56.25°	2	2	2	2	3	3	3	3	3	3	3
-57.5°	2	2	2	2	2	2	2	3	3	3	3
-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	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°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	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	1	1	1	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	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	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	4	4	4	4	4
53.75°	3	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	5	5	5	5	5
51.25°	4	4	5	5	5	5	5	5	5	5	5
50°	5	5	5	5	5	5	5	5	5	5	5
48.75°	5	5	5	5	5	5	5	5	5	5	5
47.5°	5	5	5	5	5	5	5	5	5	5	5
46.25°	5	5	5	5	5	5	5	5	5	5	5
45°	5	5	5	5	5	5	5	5	6	6	6
43.75°	5	5	5	5	6	6	6	6	6	6	6
42.5°	5	6	6	6	6	6	6	6	6	6	6
41.25°	6	6	6	6	6	6	6	6	6	6	6
40°	6	6	6	6	6	6	6	6	6	7	7
38.75°	6	6	6	6	6	7	7	7	7	7	7
37.5°	6	6	6	7	7	7	7	8	8	8	8
36.25°	6	7	7	7	8	8	8	9	9	9	9
35°	7	7	8	8	8	9	9	9	10	10	10



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	8	8	9	9	9	10	10	10	11	11	11
32.5°	8	9	9	10	10	11	11	12	12	12	13
31.25°	9	10	10	11	11	12	12	13	13	14	15
30°	10	11	11	12	12	13	14	15	16	17	18
28.75°	11	12	12	13	14	15	17	18	20	21	22
27.5°	12	13	14	15	17	19	20	22	25	27	29
26.25°	13	14	16	18	20	22	26	29	32	34	37
25°	14	17	19	21	25	29	32	35	40	44	49
23.75°	17	20	22	27	31	35	40	46	52	57	62
22.5°	20	23	28	33	37	44	51	58	64	71	77
21.25°	24	29	34	40	48	55	63	71	79	87	93
20°	29	34	41	50	58	67	76	86	94	102	110
18.75°	34	41	50	59	69	80	91	100	110	118	126
17.5°	40	50	59	70	82	93	104	115	125	134	145
16.25°	48	58	69	82	94	107	118	129	142	156	168
15°	55	67	80	93	107	119	132	147	163	177	195
13.75°	63	76	91	104	118	132	148	166	183	211	240
12.5°	71	86	100	115	129	147	166	185	219	252	284
11.25°	79	94	110	125	142	163	183	219	257	293	358
10°	87	102	118	134	156	177	211	252	293	367	473
8.75°	93	110	126	145	168	195	240	284	358	473	645
7.5°	99	116	133	156	180	220	266	331	442	618	875
6.25°	105	122	141	165	192	241	290	382	539	790	1147
5°	109	126	148	173	209	259	325	448	656	982	1435
3.75°	112	130	154	179	222	274	356	502	766	1175	1709
2.5°	115	133	158	183	232	284	380	561	870	1333	1920
1.25°	116	134	160	186	238	291	401	600	934	1431	2056
0°	117	135	161	187	240	293	409	613	956	1464	2104
-1.25°	116	134	160	186	238	291	401	600	934	1431	2056
-2.5°	115	133	158	183	232	284	380	561	870	1333	1920
-3.75°	112	130	154	179	222	274	356	502	766	1175	1709
-5°	109	126	148	173	209	259	325	448	656	982	1435
-6.25°	105	122	141	165	192	241	290	382	539	790	1147
-7.5°	99	116	133	156	180	220	266	331	442	618	875
-8.75°	93	110	126	145	168	195	240	284	358	473	645
-10°	87	102	118	134	156	177	211	252	293	367	473
-11.25°	79	94	110	125	142	163	183	219	257	293	358
-12.5°	71	86	100	115	129	147	166	185	219	252	284
-13.75°	63	76	91	104	118	132	148	166	183	211	240
-15°	55	67	80	93	107	119	132	147	163	177	195
-16.25°	48	58	69	82	94	107	118	129	142	156	168
-17.5°	40	50	59	70	82	93	104	115	125	134	145
-18.75°	34	41	50	59	69	80	91	100	110	118	126
-20°	29	34	41	50	58	67	76	86	94	102	110
-21.25°	24	29	34	40	48	55	63	71	79	87	93



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	20	23	28	33	37	44	51	58	64	71	77
-23.75°	17	20	22	27	31	35	40	46	52	57	62
-25°	14	17	19	21	25	29	32	35	40	44	49
-26.25°	13	14	16	18	20	22	26	29	32	34	37
-27.5°	12	13	14	15	17	19	20	22	25	27	29
-28.75°	11	12	12	13	14	15	17	18	20	21	22
-30°	10	11	11	12	12	13	14	15	16	17	18
-31.25°	9	10	10	11	11	12	12	13	13	14	15
-32.5°	8	9	9	10	10	11	11	12	12	12	13
-33.75°	8	8	9	9	9	10	10	10	11	11	11
-35°	7	7	8	8	8	9	9	9	10	10	10
-36.25°	6	7	7	7	8	8	8	9	9	9	9
-37.5°	6	6	6	7	7	7	7	8	8	8	8
-38.75°	6	6	6	6	6	7	7	7	7	7	7
-40°	6	6	6	6	6	6	6	6	6	7	7
-41.25°	6	6	6	6	6	6	6	6	6	6	6
-42.5°	5	6	6	6	6	6	6	6	6	6	6
-43.75°	5	5	5	5	6	6	6	6	6	6	6
-45°	5	5	5	5	5	5	5	5	6	6	6
-46.25°	5	5	5	5	5	5	5	5	5	5	5
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	5	5	5	5	5	5	5	5	5	5	5
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	4	4	5	5	5	5	5	5	5	5	5
-52.5°	4	4	4	4	4	4	5	5	5	5	5
-53.75°	3	4	4	4	4	4	4	4	4	4	4
-55°	3	3	3	3	3	3	4	4	4	4	4
-56.25°	3	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	3
-60°	2	2	2	2	2	3	3	3	3	3	3
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	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°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	0	0	0	0	0	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: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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	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	1	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	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	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	3	2	2	2	2
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	4	3	3	3	3
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	5	4	4	4	4
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	5	5	5	5	5	5	5	5	5	5	5
50°	5	5	5	5	5	5	5	5	5	5	5
48.75°	5	5	5	5	5	5	5	5	5	5	5
47.5°	5	5	5	5	5	5	5	5	5	5	5
46.25°	5	5	5	5	5	5	6	5	5	5	5
45°	6	6	6	6	6	6	6	6	6	6	6
43.75°	6	6	6	6	6	6	6	6	6	6	6
42.5°	6	6	6	6	6	6	6	6	6	6	6
41.25°	6	6	6	6	6	6	7	6	6	6	6
40°	7	7	7	7	7	7	7	7	7	7	7
38.75°	8	8	8	8	8	8	8	8	8	8	8
37.5°	8	9	9	9	9	9	9	9	9	9	9
36.25°	9	10	10	10	10	10	10	10	10	10	10
35°	10	11	11	11	11	11	11	11	11	11	11



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	12	12	12	12	12	12	13	12	12	12	12
32.5°	13	13	14	14	14	14	14	14	14	14	14
31.25°	15	16	17	17	18	18	18	18	18	17	17
30°	19	20	21	21	22	22	22	22	22	21	21
28.75°	24	26	27	28	29	29	30	29	29	28	27
27.5°	31	33	35	36	36	37	37	37	36	36	35
26.25°	40	43	46	48	49	50	51	50	49	48	46
25°	53	56	59	61	63	64	64	64	63	61	59
23.75°	66	71	75	78	80	81	82	81	80	78	75
22.5°	83	88	92	95	97	99	99	99	97	95	92
21.25°	99	105	109	112	115	116	117	116	115	112	109
20°	116	122	126	130	133	134	135	134	133	130	126
18.75°	133	141	148	154	158	160	161	160	158	154	148
17.5°	156	165	173	179	183	186	187	186	183	179	173
16.25°	180	192	209	222	232	238	240	238	232	222	209
15°	220	241	259	274	284	291	293	291	284	274	259
13.75°	266	290	325	356	380	401	409	401	380	356	325
12.5°	331	382	448	502	561	600	613	600	561	502	448
11.25°	442	539	656	766	870	934	956	934	870	766	656
10°	618	790	982	1175	1333	1431	1464	1431	1333	1175	982
8.75°	875	1147	1435	1709	1920	2056	2104	2056	1920	1709	1435
7.5°	1210	1590	1966	2304	2562	2725	2781	2725	2562	2304	1966
6.25°	1590	2061	2510	2898	3196	3385	3451	3385	3196	2898	2510
5°	1966	2510	3017	3452	3799	4028	4109	4028	3799	3452	3017
3.75°	2304	2898	3452	3950	4370	4662	4766	4662	4370	3950	3452
2.5°	2562	3196	3799	4370	4875	5234	5359	5234	4875	4370	3799
1.25°	2725	3385	4028	4662	5234	5635	5781	5635	5234	4662	4028
0°	2781	3451	4109	4766	5359	5781	5974	5781	5359	4766	4109
-1.25°	2725	3385	4028	4662	5234	5635	5781	5635	5234	4662	4028
-2.5°	2562	3196	3799	4370	4875	5234	5359	5234	4875	4370	3799
-3.75°	2304	2898	3452	3950	4370	4662	4766	4662	4370	3950	3452
-5°	1966	2510	3017	3452	3799	4028	4109	4028	3799	3452	3017
-6.25°	1590	2061	2510	2898	3196	3385	3451	3385	3196	2898	2510
-7.5°	1210	1590	1966	2304	2562	2725	2781	2725	2562	2304	1966
-8.75°	875	1147	1435	1709	1920	2056	2104	2056	1920	1709	1435
-10°	618	790	982	1175	1333	1431	1464	1431	1333	1175	982
-11.25°	442	539	656	766	870	934	956	934	870	766	656
-12.5°	331	382	448	502	561	600	613	600	561	502	448
-13.75°	266	290	325	356	380	401	409	401	380	356	325
-15°	220	241	259	274	284	291	293	291	284	274	259
-16.25°	180	192	209	222	232	238	240	238	232	222	209
-17.5°	156	165	173	179	183	186	187	186	183	179	173
-18.75°	133	141	148	154	158	160	161	160	158	154	148
-20°	116	122	126	130	133	134	135	134	133	130	126
-21.25°	99	105	109	112	115	116	117	116	115	112	109



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	83	88	92	95	97	99	99	99	97	95	92
-23.75°	66	71	75	78	80	81	82	81	80	78	75
-25°	53	56	59	61	63	64	64	64	63	61	59
-26.25°	40	43	46	48	49	50	51	50	49	48	46
-27.5°	31	33	35	36	36	37	37	37	36	36	35
-28.75°	24	26	27	28	29	29	30	29	29	28	27
-30°	19	20	21	21	22	22	22	22	22	21	21
-31.25°	15	16	17	17	18	18	18	18	18	17	17
-32.5°	13	13	14	14	14	14	14	14	14	14	14
-33.75°	12	12	12	12	12	12	13	12	12	12	12
-35°	10	11	11	11	11	11	11	11	11	11	11
-36.25°	9	10	10	10	10	10	10	10	10	10	10
-37.5°	8	9	9	9	9	9	9	9	9	9	9
-38.75°	8	8	8	8	8	8	8	8	8	8	8
-40°	7	7	7	7	7	7	7	7	7	7	7
-41.25°	6	6	6	6	6	6	7	6	6	6	6
-42.5°	6	6	6	6	6	6	6	6	6	6	6
-43.75°	6	6	6	6	6	6	6	6	6	6	6
-45°	6	6	6	6	6	6	6	6	6	6	6
-46.25°	5	5	5	5	5	5	6	5	5	5	5
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	5	5	5	5	5	5	5	5	5	5	5
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	5	5	5	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	4	4	4	4	4	4	5	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	3	3	3	3	3	3	4	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	2	2	2	2	2	2	3	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	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°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	1	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: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	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°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	3	3	3	3	3	3	3	3	2	2	2
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	4	4	4	4	4	4	4	3	3	3	3
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	5	5	5	5	5	5	5	4	4	4	4
51.25°	5	5	5	5	5	5	5	5	5	5	5
50°	5	5	5	5	5	5	5	5	5	5	5
48.75°	5	5	5	5	5	5	5	5	5	5	5
47.5°	5	5	5	5	5	5	5	5	5	5	5
46.25°	5	5	5	5	5	5	5	5	5	5	5
45°	6	6	6	6	6	5	5	5	5	5	5
43.75°	6	6	6	6	6	6	6	6	6	5	5
42.5°	6	6	6	6	6	6	6	6	6	6	6
41.25°	6	6	6	6	6	6	6	6	6	6	6
40°	7	7	7	7	6	6	6	6	6	6	6
38.75°	8	8	7	7	7	7	7	7	6	6	6
37.5°	9	8	8	8	8	8	7	7	7	7	6
36.25°	10	9	9	9	9	9	8	8	8	7	7
35°	11	10	10	10	10	9	9	9	8	8	8



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°
33.75°	12	12	11	11	11	10	10	10	9	9	9
32.5°	13	13	13	12	12	12	11	11	10	10	9
31.25°	16	15	15	14	13	13	12	12	11	11	10
30°	20	19	18	17	16	15	14	13	12	12	11
28.75°	26	24	22	21	20	18	17	15	14	13	12
27.5°	33	31	29	27	25	22	20	19	17	15	14
26.25°	43	40	37	34	32	29	26	22	20	18	16
25°	56	53	49	44	40	35	32	29	25	21	19
23.75°	71	66	62	57	52	46	40	35	31	27	22
22.5°	88	83	77	71	64	58	51	44	37	33	28
21.25°	105	99	93	87	79	71	63	55	48	40	34
20°	122	116	110	102	94	86	76	67	58	50	41
18.75°	141	133	126	118	110	100	91	80	69	59	50
17.5°	165	156	145	134	125	115	104	93	82	70	59
16.25°	192	180	168	156	142	129	118	107	94	82	69
15°	241	220	195	177	163	147	132	119	107	93	80
13.75°	290	266	240	211	183	166	148	132	118	104	91
12.5°	382	331	284	252	219	185	166	147	129	115	100
11.25°	539	442	358	293	257	219	183	163	142	125	110
10°	790	618	473	367	293	252	211	177	156	134	118
8.75°	1147	875	645	473	358	284	240	195	168	145	126
7.5°	1590	1210	875	618	442	331	266	220	180	156	133
6.25°	2061	1590	1147	790	539	382	290	241	192	165	141
5°	2510	1966	1435	982	656	448	325	259	209	173	148
3.75°	2898	2304	1709	1175	766	502	356	274	222	179	154
2.5°	3196	2562	1920	1333	870	561	380	284	232	183	158
1.25°	3385	2725	2056	1431	934	600	401	291	238	186	160
0°	3451	2781	2104	1464	956	613	409	293	240	187	161
-1.25°	3385	2725	2056	1431	934	600	401	291	238	186	160
-2.5°	3196	2562	1920	1333	870	561	380	284	232	183	158
-3.75°	2898	2304	1709	1175	766	502	356	274	222	179	154
-5°	2510	1966	1435	982	656	448	325	259	209	173	148
-6.25°	2061	1590	1147	790	539	382	290	241	192	165	141
-7.5°	1590	1210	875	618	442	331	266	220	180	156	133
-8.75°	1147	875	645	473	358	284	240	195	168	145	126
-10°	790	618	473	367	293	252	211	177	156	134	118
-11.25°	539	442	358	293	257	219	183	163	142	125	110
-12.5°	382	331	284	252	219	185	166	147	129	115	100
-13.75°	290	266	240	211	183	166	148	132	118	104	91
-15°	241	220	195	177	163	147	132	119	107	93	80
-16.25°	192	180	168	156	142	129	118	107	94	82	69
-17.5°	165	156	145	134	125	115	104	93	82	70	59
-18.75°	141	133	126	118	110	100	91	80	69	59	50
-20°	122	116	110	102	94	86	76	67	58	50	41
-21.25°	105	99	93	87	79	71	63	55	48	40	34



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	88	83	77	71	64	58	51	44	37	33	28
-23.75°	71	66	62	57	52	46	40	35	31	27	22
-25°	56	53	49	44	40	35	32	29	25	21	19
-26.25°	43	40	37	34	32	29	26	22	20	18	16
-27.5°	33	31	29	27	25	22	20	19	17	15	14
-28.75°	26	24	22	21	20	18	17	15	14	13	12
-30°	20	19	18	17	16	15	14	13	12	12	11
-31.25°	16	15	15	14	13	13	12	12	11	11	10
-32.5°	13	13	13	12	12	12	11	11	10	10	9
-33.75°	12	12	11	11	11	10	10	10	9	9	9
-35°	11	10	10	10	10	9	9	9	8	8	8
-36.25°	10	9	9	9	9	9	8	8	8	7	7
-37.5°	9	8	8	8	8	8	7	7	7	7	6
-38.75°	8	8	7	7	7	7	7	7	6	6	6
-40°	7	7	7	7	6	6	6	6	6	6	6
-41.25°	6	6	6	6	6	6	6	6	6	6	6
-42.5°	6	6	6	6	6	6	6	6	6	6	6
-43.75°	6	6	6	6	6	6	6	6	6	5	5
-45°	6	6	6	6	6	5	5	5	5	5	5
-46.25°	5	5	5	5	5	5	5	5	5	5	5
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-48.75°	5	5	5	5	5	5	5	5	5	5	5
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	5	5	5	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	3	3	3	3
-56.25°	3	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	3
-60°	3	3	3	3	3	3	3	3	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	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°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	0	0	0	0	0	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: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	2	2	2	2	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°	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°	3	3	2	2	2	2	2	2	2	2	2
57.5°	3	3	3	3	3	3	2	2	2	2	2
56.25°	3	3	3	3	3	3	3	3	3	2	2
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	4	3	3	3	3	3	3	3	3	3	3
52.5°	4	4	4	4	3	3	3	3	3	3	3
51.25°	4	4	4	4	4	4	3	3	3	3	3
50°	5	5	5	4	4	4	4	4	4	3	3
48.75°	5	5	5	5	5	5	4	4	4	4	4
47.5°	5	5	5	5	5	5	5	5	4	4	4
46.25°	5	5	5	5	5	5	5	5	5	4	4
45°	5	5	5	5	5	5	5	5	5	5	5
43.75°	5	5	5	5	5	5	5	5	5	5	5
42.5°	6	5	5	5	5	5	5	5	5	5	5
41.25°	6	6	6	5	5	5	5	5	5	5	5
40°	6	6	6	6	6	5	5	5	5	5	5
38.75°	6	6	6	6	6	6	6	5	5	5	5
37.5°	6	6	6	6	6	6	6	6	5	5	5
36.25°	7	6	6	6	6	6	6	6	6	5	5
35°	7	7	7	6	6	6	6	6	6	6	5



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	8	8	7	7	7	6	6	6	6	6	6
32.5°	9	8	8	7	7	7	6	6	6	6	6
31.25°	10	9	9	8	8	7	7	6	6	6	6
30°	11	10	10	9	8	8	7	7	6	6	6
28.75°	12	11	10	10	9	8	8	7	7	6	6
27.5°	13	12	11	10	10	9	9	8	7	7	6
26.25°	14	13	12	11	10	10	9	8	8	7	7
25°	17	14	13	12	11	10	10	9	8	8	7
23.75°	20	17	15	13	12	11	10	10	9	8	7
22.5°	23	20	18	15	13	12	11	10	10	9	8
21.25°	29	24	20	17	14	13	12	11	10	9	8
20°	34	29	23	20	17	14	13	12	11	10	9
18.75°	41	34	28	22	19	16	14	12	11	10	9
17.5°	50	40	33	27	21	18	15	13	12	11	10
16.25°	58	48	37	31	25	20	17	14	12	11	10
15°	67	55	44	35	29	22	19	15	13	12	11
13.75°	76	63	51	40	32	26	20	17	14	12	11
12.5°	86	71	58	46	35	29	22	18	15	13	12
11.25°	94	79	64	52	40	32	25	20	16	13	12
10°	102	87	71	57	44	34	27	21	17	14	12
8.75°	110	93	77	62	49	37	29	22	18	15	13
7.5°	116	99	83	66	53	40	31	24	19	15	13
6.25°	122	105	88	71	56	43	33	26	20	16	13
5°	126	109	92	75	59	46	35	27	21	17	14
3.75°	130	112	95	78	61	48	36	28	21	17	14
2.5°	133	115	97	80	63	49	36	29	22	18	14
1.25°	134	116	99	81	64	50	37	29	22	18	14
0°	135	117	99	82	64	51	37	30	22	18	14
-1.25°	134	116	99	81	64	50	37	29	22	18	14
-2.5°	133	115	97	80	63	49	36	29	22	18	14
-3.75°	130	112	95	78	61	48	36	28	21	17	14
-5°	126	109	92	75	59	46	35	27	21	17	14
-6.25°	122	105	88	71	56	43	33	26	20	16	13
-7.5°	116	99	83	66	53	40	31	24	19	15	13
-8.75°	110	93	77	62	49	37	29	22	18	15	13
-10°	102	87	71	57	44	34	27	21	17	14	12
-11.25°	94	79	64	52	40	32	25	20	16	13	12
-12.5°	86	71	58	46	35	29	22	18	15	13	12
-13.75°	76	63	51	40	32	26	20	17	14	12	11
-15°	67	55	44	35	29	22	19	15	13	12	11
-16.25°	58	48	37	31	25	20	17	14	12	11	10
-17.5°	50	40	33	27	21	18	15	13	12	11	10
-18.75°	41	34	28	22	19	16	14	12	11	10	9
-20°	34	29	23	20	17	14	13	12	11	10	9
-21.25°	29	24	20	17	14	13	12	11	10	9	8



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	23	20	18	15	13	12	11	10	10	9	8
-23.75°	20	17	15	13	12	11	10	10	9	8	7
-25°	17	14	13	12	11	10	10	9	8	8	7
-26.25°	14	13	12	11	10	10	9	8	8	7	7
-27.5°	13	12	11	10	10	9	9	8	7	7	6
-28.75°	12	11	10	10	9	8	8	7	7	6	6
-30°	11	10	10	9	8	8	7	7	6	6	6
-31.25°	10	9	9	8	8	7	7	6	6	6	6
-32.5°	9	8	8	7	7	7	6	6	6	6	6
-33.75°	8	8	7	7	7	6	6	6	6	6	6
-35°	7	7	7	6	6	6	6	6	6	6	5
-36.25°	7	6	6	6	6	6	6	6	6	5	5
-37.5°	6	6	6	6	6	6	6	6	5	5	5
-38.75°	6	6	6	6	6	6	6	5	5	5	5
-40°	6	6	6	6	6	5	5	5	5	5	5
-41.25°	6	6	6	5	5	5	5	5	5	5	5
-42.5°	6	5	5	5	5	5	5	5	5	5	5
-43.75°	5	5	5	5	5	5	5	5	5	5	5
-45°	5	5	5	5	5	5	5	5	5	5	5
-46.25°	5	5	5	5	5	5	5	5	5	4	4
-47.5°	5	5	5	5	5	5	5	5	4	4	4
-48.75°	5	5	5	5	5	5	4	4	4	4	4
-50°	5	5	5	4	4	4	4	4	4	3	3
-51.25°	4	4	4	4	4	4	3	3	3	3	3
-52.5°	4	4	4	4	3	3	3	3	3	3	3
-53.75°	4	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	2	2
-57.5°	3	3	3	3	3	3	2	2	2	2	2
-58.75°	3	3	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	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	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	0	0	0	0	0	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: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	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	1	1	1	1	1	1	0	0
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	2	2	2	1	1	1	1	1	1	1	1
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°	2	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	2	2	2	2	2	2	2	2	2	2	2
53.75°	3	3	2	2	2	2	2	2	2	2	2
52.5°	3	3	3	3	2	2	2	2	2	2	2
51.25°	3	3	3	3	3	2	2	2	2	2	2
50°	3	3	3	3	3	3	3	2	2	2	2
48.75°	3	3	3	3	3	3	3	3	2	2	2
47.5°	4	3	3	3	3	3	3	3	3	2	2
46.25°	4	4	4	3	3	3	3	3	3	3	2
45°	4	4	4	4	3	3	3	3	3	3	3
43.75°	5	5	4	4	4	3	3	3	3	3	3
42.5°	5	5	5	4	4	4	3	3	3	3	3
41.25°	5	5	5	5	4	4	4	3	3	3	3
40°	5	5	5	5	5	4	4	4	3	3	3
38.75°	5	5	5	5	5	5	4	4	4	3	3
37.5°	5	5	5	5	5	5	5	4	4	4	3
36.25°	5	5	5	5	5	5	5	5	4	4	4
35°	5	5	5	5	5	5	5	5	5	4	4



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	5	5	5	5	5	5	5	5	5	4	4
32.5°	6	5	5	5	5	5	5	5	5	5	4
31.25°	6	6	5	5	5	5	5	5	5	5	4
30°	6	6	6	5	5	5	5	5	5	5	5
28.75°	6	6	6	6	5	5	5	5	5	5	5
27.5°	6	6	6	6	6	5	5	5	5	5	5
26.25°	6	6	6	6	6	5	5	5	5	5	5
25°	7	6	6	6	6	6	5	5	5	5	5
23.75°	7	6	6	6	6	6	5	5	5	5	5
22.5°	7	7	6	6	6	6	6	5	5	5	5
21.25°	8	7	6	6	6	6	6	5	5	5	5
20°	8	7	7	6	6	6	6	6	5	5	5
18.75°	9	8	7	6	6	6	6	6	5	5	5
17.5°	9	8	7	7	6	6	6	6	5	5	5
16.25°	9	8	8	7	6	6	6	6	6	5	5
15°	10	9	8	7	7	6	6	6	6	5	5
13.75°	10	9	8	7	7	6	6	6	6	5	5
12.5°	10	9	9	8	7	6	6	6	6	5	5
11.25°	11	10	9	8	7	6	6	6	6	6	5
10°	11	10	9	8	7	7	6	6	6	6	5
8.75°	11	10	9	8	7	7	6	6	6	6	5
7.5°	12	10	9	8	8	7	6	6	6	6	5
6.25°	12	11	10	9	8	7	6	6	6	6	5
5°	12	11	10	9	8	7	6	6	6	6	5
3.75°	12	11	10	9	8	7	6	6	6	6	5
2.5°	12	11	10	9	8	7	6	6	6	6	5
1.25°	12	11	10	9	8	7	6	6	6	6	5
0°	13	11	10	9	8	7	7	6	6	6	6
-1.25°	12	11	10	9	8	7	6	6	6	6	5
-2.5°	12	11	10	9	8	7	6	6	6	6	5
-3.75°	12	11	10	9	8	7	6	6	6	6	5
-5°	12	11	10	9	8	7	6	6	6	6	5
-6.25°	12	11	10	9	8	7	6	6	6	6	5
-7.5°	12	10	9	8	8	7	6	6	6	6	5
-8.75°	11	10	9	8	7	7	6	6	6	6	5
-10°	11	10	9	8	7	7	6	6	6	6	5
-11.25°	11	10	9	8	7	6	6	6	6	6	5
-12.5°	10	9	9	8	7	6	6	6	6	5	5
-13.75°	10	9	8	7	7	6	6	6	6	5	5
-15°	10	9	8	7	7	6	6	6	6	5	5
-16.25°	9	8	8	7	6	6	6	6	6	5	5
-17.5°	9	8	7	7	6	6	6	6	5	5	5
-18.75°	9	8	7	6	6	6	6	6	5	5	5
-20°	8	7	7	6	6	6	6	6	5	5	5
-21.25°	8	7	6	6	6	6	6	5	5	5	5



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	7	7	6	6	6	6	6	5	5	5	5
-23.75°	7	6	6	6	6	6	5	5	5	5	5
-25°	7	6	6	6	6	6	5	5	5	5	5
-26.25°	6	6	6	6	6	5	5	5	5	5	5
-27.5°	6	6	6	6	6	5	5	5	5	5	5
-28.75°	6	6	6	6	5	5	5	5	5	5	5
-30°	6	6	6	5	5	5	5	5	5	5	5
-31.25°	6	6	5	5	5	5	5	5	5	5	4
-32.5°	6	5	5	5	5	5	5	5	5	5	4
-33.75°	5	5	5	5	5	5	5	5	5	4	4
-35°	5	5	5	5	5	5	5	5	5	4	4
-36.25°	5	5	5	5	5	5	5	5	4	4	4
-37.5°	5	5	5	5	5	5	5	4	4	4	3
-38.75°	5	5	5	5	5	5	4	4	4	3	3
-40°	5	5	5	5	5	4	4	4	3	3	3
-41.25°	5	5	5	5	4	4	4	3	3	3	3
-42.5°	5	5	5	4	4	4	3	3	3	3	3
-43.75°	5	5	4	4	4	3	3	3	3	3	3
-45°	4	4	4	4	3	3	3	3	3	3	3
-46.25°	4	4	4	3	3	3	3	3	3	3	2
-47.5°	4	3	3	3	3	3	3	3	3	2	2
-48.75°	3	3	3	3	3	3	3	3	2	2	2
-50°	3	3	3	3	3	3	3	2	2	2	2
-51.25°	3	3	3	3	3	2	2	2	2	2	2
-52.5°	3	3	3	3	2	2	2	2	2	2	2
-53.75°	3	3	2	2	2	2	2	2	2	2	2
-55°	2	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-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°	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	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	0	0
-82.5°	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: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	1	1	1	0	0	0	0	0	0	0	0
78.75°	1	1	1	1	1	1	1	0	0	0	0
77.5°	1	1	1	1	1	1	1	1	1	1	0
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	2	1	1	1	1	1	1	1	1	1	1
60°	2	2	1	1	1	1	1	1	1	1	1
58.75°	2	2	2	2	1	1	1	1	1	1	1
57.5°	2	2	2	2	2	1	1	1	1	1	1
56.25°	2	2	2	2	2	2	1	1	1	1	1
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°	2	2	2	2	2	2	2	2	2	2	2
47.5°	2	2	2	2	2	2	2	2	2	2	2
46.25°	2	2	2	2	2	2	2	2	2	2	2
45°	2	2	2	2	2	2	2	2	2	2	2
43.75°	3	2	2	2	2	2	2	2	2	2	2
42.5°	3	3	2	2	2	2	2	2	2	2	2
41.25°	3	3	3	2	2	2	2	2	2	2	2
40°	3	3	3	2	2	2	2	2	2	2	2
38.75°	3	3	3	3	2	2	2	2	2	2	2
37.5°	3	3	3	3	3	2	2	2	2	2	2
36.25°	3	3	3	3	3	2	2	2	2	2	2
35°	3	3	3	3	3	3	2	2	2	2	2



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	4	3	3	3	3	3	2	2	2	2	2
32.5°	4	4	3	3	3	3	3	2	2	2	2
31.25°	4	4	3	3	3	3	3	2	2	2	2
30°	4	4	4	3	3	3	3	3	2	2	2
28.75°	5	4	4	3	3	3	3	3	2	2	2
27.5°	5	4	4	3	3	3	3	3	2	2	2
26.25°	5	5	4	4	3	3	3	3	3	2	2
25°	5	5	4	4	3	3	3	3	3	2	2
23.75°	5	5	4	4	4	3	3	3	3	2	2
22.5°	5	5	5	4	4	3	3	3	3	2	2
21.25°	5	5	5	4	4	3	3	3	3	3	2
20°	5	5	5	4	4	4	3	3	3	3	2
18.75°	5	5	5	5	4	4	3	3	3	3	2
17.5°	5	5	5	5	4	4	3	3	3	3	2
16.25°	5	5	5	5	4	4	3	3	3	3	2
15°	5	5	5	5	4	4	3	3	3	3	3
13.75°	5	5	5	5	5	4	4	3	3	3	3
12.5°	5	5	5	5	5	4	4	3	3	3	3
11.25°	5	5	5	5	5	4	4	3	3	3	3
10°	5	5	5	5	5	4	4	3	3	3	3
8.75°	5	5	5	5	5	4	4	3	3	3	3
7.5°	5	5	5	5	5	4	4	3	3	3	3
6.25°	5	5	5	5	5	4	4	3	3	3	3
5°	5	5	5	5	5	4	4	3	3	3	3
3.75°	5	5	5	5	5	4	4	3	3	3	3
2.5°	5	5	5	5	5	4	4	3	3	3	3
1.25°	5	5	5	5	5	4	4	3	3	3	3
0°	5	5	5	5	5	5	4	4	3	3	3
-1.25°	5	5	5	5	5	4	4	3	3	3	3
-2.5°	5	5	5	5	5	4	4	3	3	3	3
-3.75°	5	5	5	5	5	4	4	3	3	3	3
-5°	5	5	5	5	5	4	4	3	3	3	3
-6.25°	5	5	5	5	5	4	4	3	3	3	3
-7.5°	5	5	5	5	5	4	4	3	3	3	3
-8.75°	5	5	5	5	5	4	4	3	3	3	3
-10°	5	5	5	5	5	4	4	3	3	3	3
-11.25°	5	5	5	5	5	4	4	3	3	3	3
-12.5°	5	5	5	5	5	4	4	3	3	3	3
-13.75°	5	5	5	5	5	4	4	3	3	3	3
-15°	5	5	5	5	4	4	3	3	3	3	3
-16.25°	5	5	5	5	4	4	3	3	3	3	2
-17.5°	5	5	5	5	4	4	3	3	3	3	2
-18.75°	5	5	5	5	4	4	3	3	3	3	2
-20°	5	5	5	4	4	4	3	3	3	3	2
-21.25°	5	5	5	4	4	3	3	3	3	3	2



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	5	5	5	4	4	3	3	3	3	2	2
-23.75°	5	5	4	4	4	3	3	3	3	2	2
-25°	5	5	4	4	3	3	3	3	3	2	2
-26.25°	5	5	4	4	3	3	3	3	3	2	2
-27.5°	5	4	4	3	3	3	3	3	2	2	2
-28.75°	5	4	4	3	3	3	3	3	2	2	2
-30°	4	4	4	3	3	3	3	3	2	2	2
-31.25°	4	4	3	3	3	3	3	2	2	2	2
-32.5°	4	4	3	3	3	3	3	2	2	2	2
-33.75°	4	3	3	3	3	3	2	2	2	2	2
-35°	3	3	3	3	3	3	2	2	2	2	2
-36.25°	3	3	3	3	3	2	2	2	2	2	2
-37.5°	3	3	3	3	3	2	2	2	2	2	2
-38.75°	3	3	3	3	2	2	2	2	2	2	2
-40°	3	3	3	2	2	2	2	2	2	2	2
-41.25°	3	3	3	2	2	2	2	2	2	2	2
-42.5°	3	3	2	2	2	2	2	2	2	2	2
-43.75°	3	2	2	2	2	2	2	2	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-46.25°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	2	2
-48.75°	2	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	1
-57.5°	2	2	2	2	2	1	1	1	1	1	1
-58.75°	2	2	2	2	1	1	1	1	1	1	1
-60°	2	2	1	1	1	1	1	1	1	1	1
-61.25°	2	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	0



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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	0	0	0	0
-80°	1	1	1	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: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	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°	1	1	0	0	0	0	0	0	0	0	0
75°	1	1	1	1	0	0	0	0	0	0	0
73.75°	1	1	1	1	1	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	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	0	0
68.75°	1	1	1	1	1	1	1	1	1	1	0
67.5°	1	1	1	1	1	1	1	1	1	1	0
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
51.25°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
48.75°	1	1	1	1	1	1	1	1	1	1	1
47.5°	2	1	1	1	1	1	1	1	1	1	1
46.25°	2	1	1	1	1	1	1	1	1	1	1
45°	2	2	1	1	1	1	1	1	1	1	1
43.75°	2	2	1	1	1	1	1	1	1	1	1
42.5°	2	2	2	1	1	1	1	1	1	1	1
41.25°	2	2	2	1	1	1	1	1	1	1	1
40°	2	2	2	2	1	1	1	1	1	1	1
38.75°	2	2	2	2	1	1	1	1	1	1	1
37.5°	2	2	2	2	1	1	1	1	1	1	1
36.25°	2	2	2	2	2	1	1	1	1	1	1
35°	2	2	2	2	2	1	1	1	1	1	1



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	2	2	2	2	2	1	1	1	1	1	1
32.5°	2	2	2	2	2	2	1	1	1	1	1
31.25°	2	2	2	2	2	2	1	1	1	1	1
30°	2	2	2	2	2	2	1	1	1	1	1
28.75°	2	2	2	2	2	2	1	1	1	1	1
27.5°	2	2	2	2	2	2	2	1	1	1	1
26.25°	2	2	2	2	2	2	2	1	1	1	1
25°	2	2	2	2	2	2	2	1	1	1	1
23.75°	2	2	2	2	2	2	2	1	1	1	1
22.5°	2	2	2	2	2	2	2	1	1	1	1
21.25°	2	2	2	2	2	2	2	1	1	1	1
20°	2	2	2	2	2	2	2	1	1	1	1
18.75°	2	2	2	2	2	2	2	2	1	1	1
17.5°	2	2	2	2	2	2	2	2	1	1	1
16.25°	2	2	2	2	2	2	2	2	1	1	1
15°	2	2	2	2	2	2	2	2	1	1	1
13.75°	2	2	2	2	2	2	2	2	1	1	1
12.5°	2	2	2	2	2	2	2	2	1	1	1
11.25°	2	2	2	2	2	2	2	2	1	1	1
10°	2	2	2	2	2	2	2	2	1	1	1
8.75°	2	2	2	2	2	2	2	2	1	1	1
7.5°	2	2	2	2	2	2	2	2	1	1	1
6.25°	2	2	2	2	2	2	2	2	1	1	1
5°	2	2	2	2	2	2	2	2	1	1	1
3.75°	2	2	2	2	2	2	2	2	1	1	1
2.5°	2	2	2	2	2	2	2	2	1	1	1
1.25°	2	2	2	2	2	2	2	2	1	1	1
0°	3	2	2	2	2	2	2	2	2	1	1
-1.25°	2	2	2	2	2	2	2	2	1	1	1
-2.5°	2	2	2	2	2	2	2	2	1	1	1
-3.75°	2	2	2	2	2	2	2	2	1	1	1
-5°	2	2	2	2	2	2	2	2	1	1	1
-6.25°	2	2	2	2	2	2	2	2	1	1	1
-7.5°	2	2	2	2	2	2	2	2	1	1	1
-8.75°	2	2	2	2	2	2	2	2	1	1	1
-10°	2	2	2	2	2	2	2	2	1	1	1
-11.25°	2	2	2	2	2	2	2	2	1	1	1
-12.5°	2	2	2	2	2	2	2	2	1	1	1
-13.75°	2	2	2	2	2	2	2	2	1	1	1
-15°	2	2	2	2	2	2	2	2	1	1	1
-16.25°	2	2	2	2	2	2	2	2	1	1	1
-17.5°	2	2	2	2	2	2	2	2	1	1	1
-18.75°	2	2	2	2	2	2	2	2	1	1	1
-20°	2	2	2	2	2	2	2	1	1	1	1
-21.25°	2	2	2	2	2	2	2	1	1	1	1



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	2	2	2	2	2	2	2	1	1	1	1
-23.75°	2	2	2	2	2	2	2	1	1	1	1
-25°	2	2	2	2	2	2	2	1	1	1	1
-26.25°	2	2	2	2	2	2	2	1	1	1	1
-27.5°	2	2	2	2	2	2	2	1	1	1	1
-28.75°	2	2	2	2	2	2	1	1	1	1	1
-30°	2	2	2	2	2	2	1	1	1	1	1
-31.25°	2	2	2	2	2	2	1	1	1	1	1
-32.5°	2	2	2	2	2	2	1	1	1	1	1
-33.75°	2	2	2	2	2	1	1	1	1	1	1
-35°	2	2	2	2	2	1	1	1	1	1	1
-36.25°	2	2	2	2	2	1	1	1	1	1	1
-37.5°	2	2	2	2	1	1	1	1	1	1	1
-38.75°	2	2	2	2	1	1	1	1	1	1	1
-40°	2	2	2	2	1	1	1	1	1	1	1
-41.25°	2	2	2	1	1	1	1	1	1	1	1
-42.5°	2	2	2	1	1	1	1	1	1	1	1
-43.75°	2	2	1	1	1	1	1	1	1	1	1
-45°	2	2	1	1	1	1	1	1	1	1	1
-46.25°	2	1	1	1	1	1	1	1	1	1	1
-47.5°	2	1	1	1	1	1	1	1	1	1	1
-48.75°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-51.25°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-53.75°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	0
-68.75°	1	1	1	1	1	1	1	1	1	1	0
-70°	1	1	1	1	1	1	1	1	1	0	0
-71.25°	1	1	1	1	1	1	1	1	0	0	0
-72.5°	1	1	1	1	1	1	1	0	0	0	0
-73.75°	1	1	1	1	1	0	0	0	0	0	0
-75°	1	1	1	1	0	0	0	0	0	0	0
-76.25°	1	1	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	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: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	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	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	0	0	0	0	0	0	0	0	0
61.25°	1	1	0	0	0	0	0	0	0	0	0
60°	1	1	0	0	0	0	0	0	0	0	0
58.75°	1	1	1	0	0	0	0	0	0	0	0
57.5°	1	1	1	0	0	0	0	0	0	0	0
56.25°	1	1	1	0	0	0	0	0	0	0	0
55°	1	1	1	1	0	0	0	0	0	0	0
53.75°	1	1	1	1	0	0	0	0	0	0	0
52.5°	1	1	1	1	0	0	0	0	0	0	0
51.25°	1	1	1	1	0	0	0	0	0	0	0
50°	1	1	1	1	1	0	0	0	0	0	0
48.75°	1	1	1	1	1	0	0	0	0	0	0
47.5°	1	1	1	1	1	0	0	0	0	0	0
46.25°	1	1	1	1	1	0	0	0	0	0	0
45°	1	1	1	1	1	0	0	0	0	0	0
43.75°	1	1	1	1	1	1	0	0	0	0	0
42.5°	1	1	1	1	1	1	0	0	0	0	0
41.25°	1	1	1	1	1	1	0	0	0	0	0
40°	1	1	1	1	1	1	0	0	0	0	0
38.75°	1	1	1	1	1	1	0	0	0	0	0
37.5°	1	1	1	1	1	1	0	0	0	0	0
36.25°	1	1	1	1	1	1	0	0	0	0	0
35°	1	1	1	1	1	1	0	0	0	0	0



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	1	1	1	1	1	1	0	0	0	0	0
32.5°	1	1	1	1	1	1	1	0	0	0	0
31.25°	1	1	1	1	1	1	1	0	0	0	0
30°	1	1	1	1	1	1	1	0	0	0	0
28.75°	1	1	1	1	1	1	1	0	0	0	0
27.5°	1	1	1	1	1	1	1	0	0	0	0
26.25°	1	1	1	1	1	1	1	0	0	0	0
25°	1	1	1	1	1	1	1	0	0	0	0
23.75°	1	1	1	1	1	1	1	0	0	0	0
22.5°	1	1	1	1	1	1	1	0	0	0	0
21.25°	1	1	1	1	1	1	1	0	0	0	0
20°	1	1	1	1	1	1	1	0	0	0	0
18.75°	1	1	1	1	1	1	1	0	0	0	0
17.5°	1	1	1	1	1	1	1	0	0	0	0
16.25°	1	1	1	1	1	1	1	0	0	0	0
15°	1	1	1	1	1	1	1	0	0	0	0
13.75°	1	1	1	1	1	1	1	0	0	0	0
12.5°	1	1	1	1	1	1	1	0	0	0	0
11.25°	1	1	1	1	1	1	1	0	0	0	0
10°	1	1	1	1	1	1	1	0	0	0	0
8.75°	1	1	1	1	1	1	1	0	0	0	0
7.5°	1	1	1	1	1	1	1	0	0	0	0
6.25°	1	1	1	1	1	1	1	0	0	0	0
5°	1	1	1	1	1	1	1	0	0	0	0
3.75°	1	1	1	1	1	1	1	0	0	0	0
2.5°	1	1	1	1	1	1	1	0	0	0	0
1.25°	1	1	1	1	1	1	1	0	0	0	0
0°	1	1	1	1	1	1	1	0	0	0	0
-1.25°	1	1	1	1	1	1	1	0	0	0	0
-2.5°	1	1	1	1	1	1	1	0	0	0	0
-3.75°	1	1	1	1	1	1	1	0	0	0	0
-5°	1	1	1	1	1	1	1	0	0	0	0
-6.25°	1	1	1	1	1	1	1	0	0	0	0
-7.5°	1	1	1	1	1	1	1	0	0	0	0
-8.75°	1	1	1	1	1	1	1	0	0	0	0
-10°	1	1	1	1	1	1	1	0	0	0	0
-11.25°	1	1	1	1	1	1	1	0	0	0	0
-12.5°	1	1	1	1	1	1	1	0	0	0	0
-13.75°	1	1	1	1	1	1	1	0	0	0	0
-15°	1	1	1	1	1	1	1	0	0	0	0
-16.25°	1	1	1	1	1	1	1	0	0	0	0
-17.5°	1	1	1	1	1	1	1	0	0	0	0
-18.75°	1	1	1	1	1	1	1	0	0	0	0
-20°	1	1	1	1	1	1	1	0	0	0	0
-21.25°	1	1	1	1	1	1	1	0	0	0	0



REPORT NUMBER: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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°	1	1	1	1	1	1	1	0	0	0	0
-23.75°	1	1	1	1	1	1	1	0	0	0	0
-25°	1	1	1	1	1	1	1	0	0	0	0
-26.25°	1	1	1	1	1	1	1	0	0	0	0
-27.5°	1	1	1	1	1	1	1	0	0	0	0
-28.75°	1	1	1	1	1	1	1	0	0	0	0
-30°	1	1	1	1	1	1	1	0	0	0	0
-31.25°	1	1	1	1	1	1	1	0	0	0	0
-32.5°	1	1	1	1	1	1	1	0	0	0	0
-33.75°	1	1	1	1	1	1	0	0	0	0	0
-35°	1	1	1	1	1	1	0	0	0	0	0
-36.25°	1	1	1	1	1	1	0	0	0	0	0
-37.5°	1	1	1	1	1	1	0	0	0	0	0
-38.75°	1	1	1	1	1	1	0	0	0	0	0
-40°	1	1	1	1	1	1	0	0	0	0	0
-41.25°	1	1	1	1	1	1	0	0	0	0	0
-42.5°	1	1	1	1	1	1	0	0	0	0	0
-43.75°	1	1	1	1	1	1	0	0	0	0	0
-45°	1	1	1	1	1	0	0	0	0	0	0
-46.25°	1	1	1	1	1	0	0	0	0	0	0
-47.5°	1	1	1	1	1	0	0	0	0	0	0
-48.75°	1	1	1	1	1	0	0	0	0	0	0
-50°	1	1	1	1	1	0	0	0	0	0	0
-51.25°	1	1	1	1	0	0	0	0	0	0	0
-52.5°	1	1	1	1	0	0	0	0	0	0	0
-53.75°	1	1	1	1	0	0	0	0	0	0	0
-55°	1	1	1	1	0	0	0	0	0	0	0
-56.25°	1	1	1	0	0	0	0	0	0	0	0
-57.5°	1	1	1	0	0	0	0	0	0	0	0
-58.75°	1	1	1	0	0	0	0	0	0	0	0
-60°	1	1	0	0	0	0	0	0	0	0	0
-61.25°	1	1	0	0	0	0	0	0	0	0	0
-62.5°	1	1	0	0	0	0	0	0	0	0	0
-63.75°	1	0	0	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: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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: P29409 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-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)