

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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV**

Issue Date: 3/3/2020

Test Information

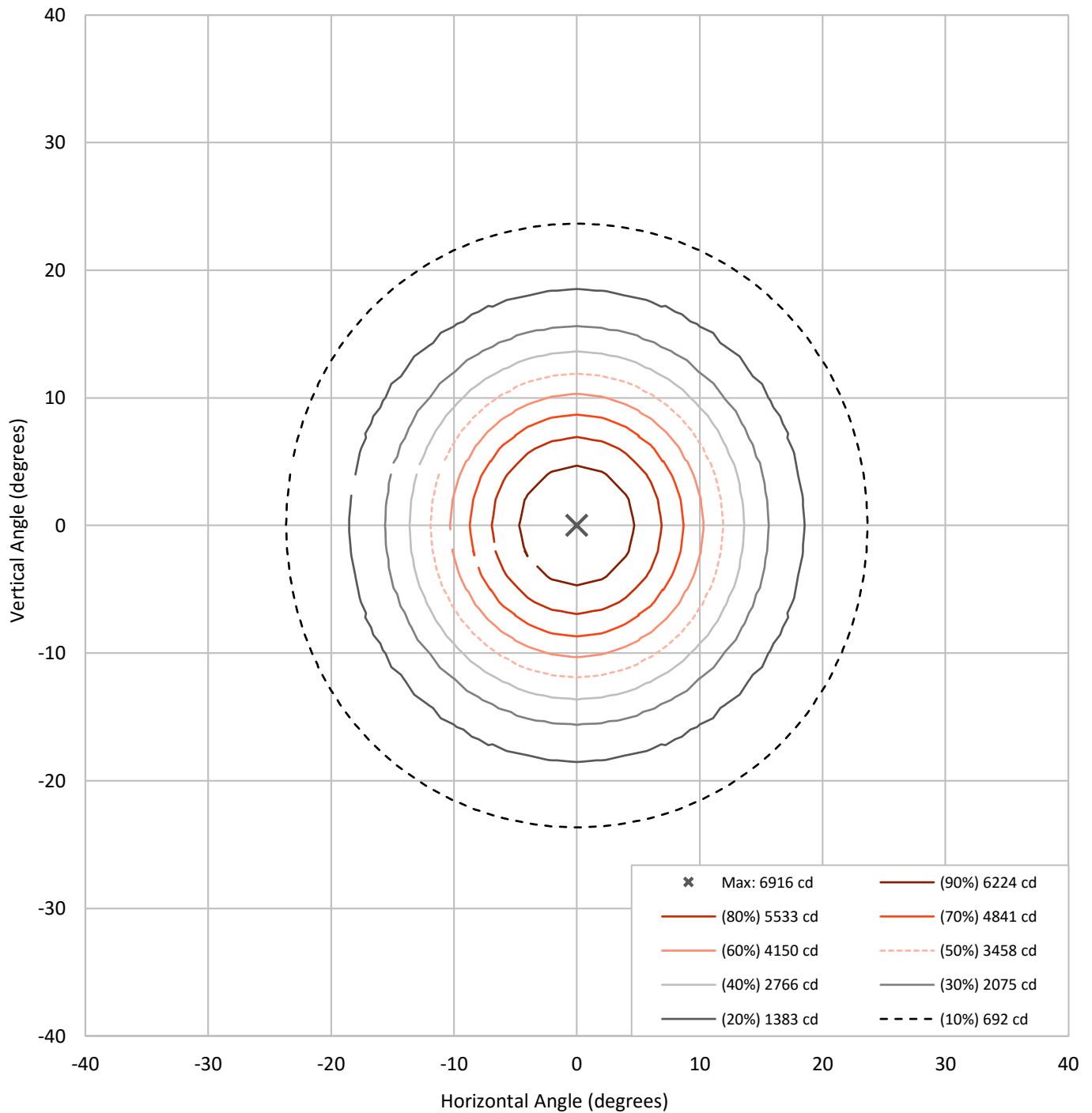
Test Method: LM-79-08
Report Number: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, MEDIUM 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:	1441.2 lumens	Max Intensity:	6916 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	71.7 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	23.8°H x 23.8°V	Field Angle (10%):	47.3°H x 47.3°V
Beam Lumens:	676.5 lumens	Field Lumens:	1299 lumens
Beam Efficiency:	46.9%	Field Efficiency:	90.1%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

Iso-Candela Plot





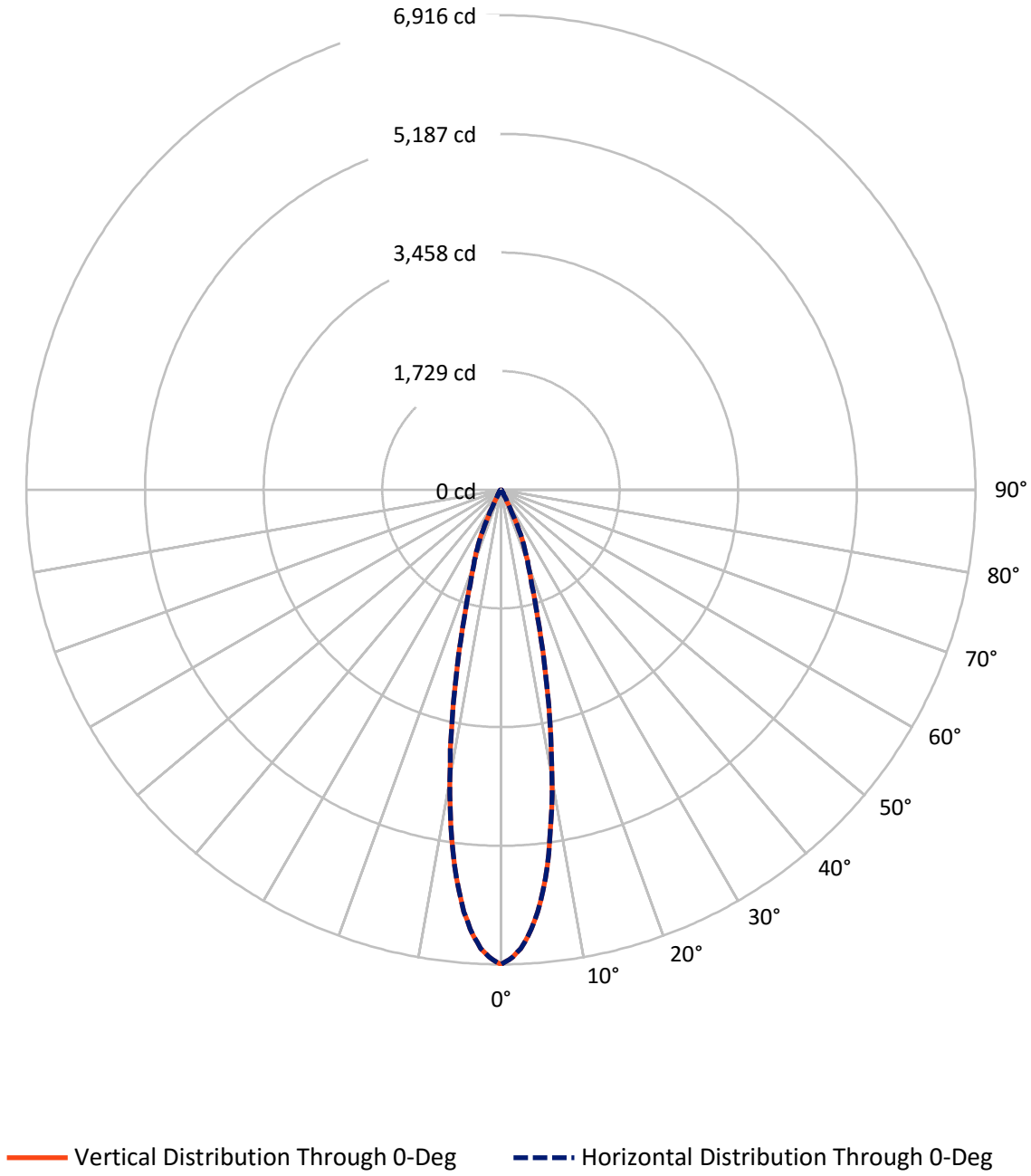
REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

Lumen Table

90	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	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	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	0.0	0.0	0.0	0.0	0.0	
60		0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0		
50	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.1	0.0	0.0	0.0	
40		0.0	0.1	0.2	0.3	0.4	0.8	1.2	1.2	0.8	0.4	0.3	0.2	0.1	0.0		
30	0.0	0.0	0.1	0.2	0.4	1.2	5.7	14.4	14.4	5.7	1.2	0.4	0.2	0.1	0.0	0.0	
20		0.0	0.1	0.3	0.6	5.4	30.3	63.7	63.7	30.3	5.4	0.6	0.3	0.1	0.0		
10	0.0	0.0	0.1	0.3	1.0	13.3	62.1	155.8	155.8	62.1	13.3	1.0	0.3	0.1	0.0	0.0	
0		0.0	0.1	0.3	1.0	13.3	62.1	155.8	155.8	62.1	13.3	1.0	0.3	0.1	0.0		
-10	0.0	0.0	0.1	0.3	0.6	5.4	30.3	63.7	63.7	30.3	5.4	0.6	0.3	0.1	0.0	0.0	
-20		0.0	0.1	0.2	0.4	1.2	5.7	14.4	14.4	5.7	1.2	0.4	0.2	0.1	0.0		
-30	0.0	0.0	0.1	0.2	0.3	0.4	0.8	1.2	1.2	0.8	0.4	0.3	0.2	0.1	0.0	0.0	
-40		0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.1	0.0	0.0		
-50	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	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	0.0	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	0.0	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	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	0.0	

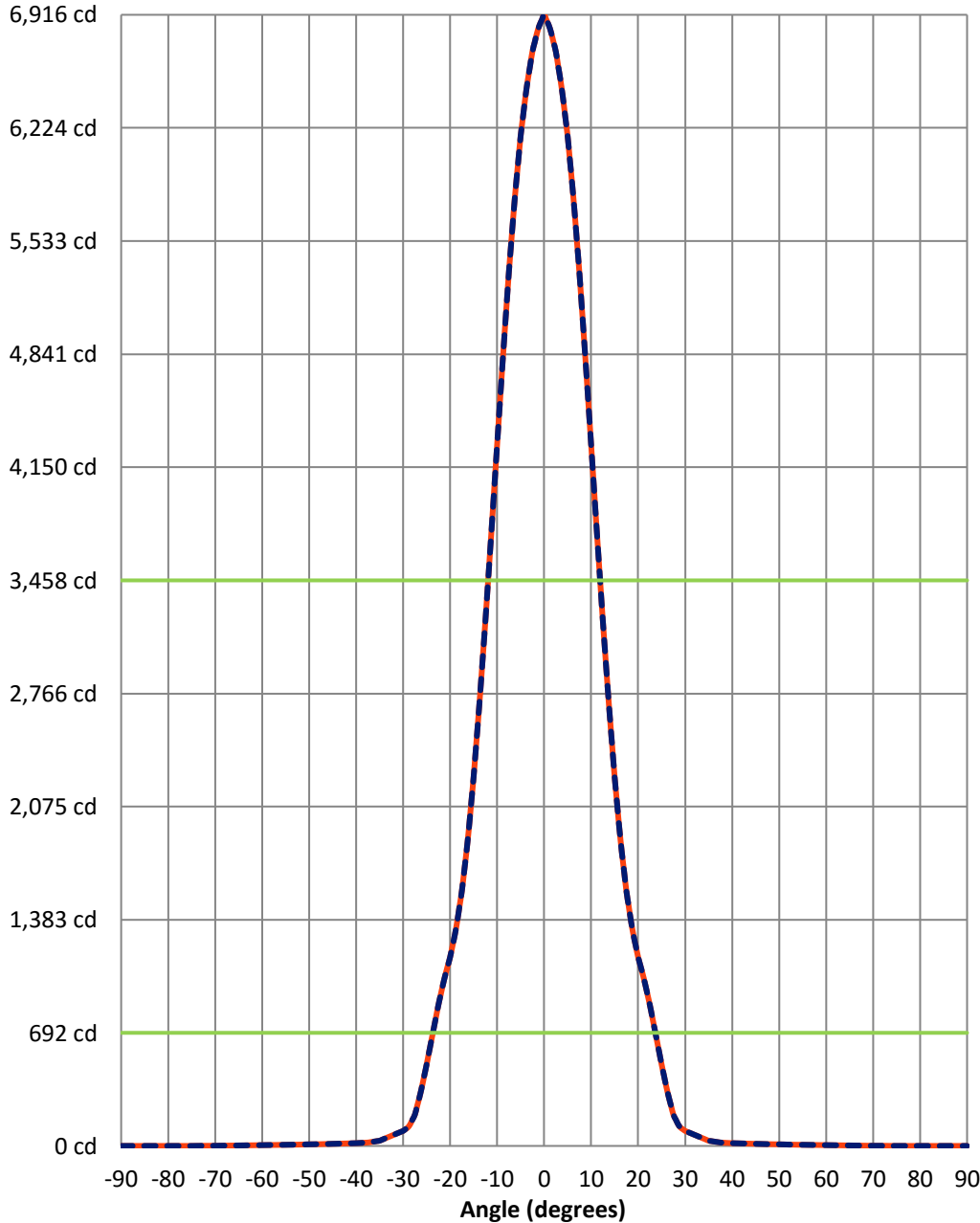
REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

Luminous Intensity Plot



Beam:
H Angle: 23.8°
V Angle: 23.8°
Lumens: 676.5
Efficiency: 46.9%

Field:
H Angle: 47.3°
V Angle: 47.3°
Lumens: 1299
Efficiency: 90.1%

Spill:
Lumens: 142.2
Efficiency: 9.9%

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



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0	0	0	0	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	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	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	1	1	1	1	1
37.5°	0	0	0	0	0	0	1	1	1	1	1
36.25°	0	0	0	0	0	0	1	1	1	1	1
35°	0	0	0	0	0	1	1	1	1	1	1



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	0	0	0	0	0	1	1	1	1	1	2
32.5°	0	0	0	0	0	1	1	1	1	1	2
31.25°	0	0	0	0	0	1	1	1	1	1	2
30°	0	0	0	0	0	1	1	1	1	2	2
28.75°	0	0	0	0	1	1	1	1	1	2	2
27.5°	0	0	0	0	1	1	1	1	1	2	2
26.25°	0	0	0	0	1	1	1	1	1	2	2
25°	0	0	0	0	1	1	1	1	2	2	2
23.75°	0	0	0	0	1	1	1	1	2	2	3
22.5°	0	0	0	0	1	1	1	1	2	2	3
21.25°	0	0	0	1	1	1	1	1	2	2	3
20°	0	0	0	1	1	1	1	1	2	2	3
18.75°	0	0	0	1	1	1	1	1	2	2	3
17.5°	0	0	0	1	1	1	1	2	2	3	3
16.25°	0	0	0	1	1	1	1	2	2	3	3
15°	0	0	0	1	1	1	1	2	2	3	3
13.75°	0	0	0	1	1	1	1	2	2	3	3
12.5°	0	0	0	1	1	1	1	2	2	3	3
11.25°	0	0	0	1	1	1	1	2	2	3	3
10°	0	0	0	1	1	1	1	2	2	3	3
8.75°	0	0	0	1	1	1	1	2	2	3	3
7.5°	0	0	0	1	1	1	1	2	2	3	3
6.25°	0	0	0	1	1	1	1	2	2	3	3
5°	0	0	0	1	1	1	1	2	2	3	3
3.75°	0	0	0	1	1	1	1	2	2	3	3
2.5°	0	0	0	1	1	1	1	2	2	3	3
1.25°	0	0	0	1	1	1	1	2	2	3	3
0°	0	0	1	1	1	1	2	2	3	3	4
-1.25°	0	0	0	1	1	1	1	2	2	3	3
-2.5°	0	0	0	1	1	1	1	2	2	3	3
-3.75°	0	0	0	1	1	1	1	2	2	3	3
-5°	0	0	0	1	1	1	1	2	2	3	3
-6.25°	0	0	0	1	1	1	1	2	2	3	3
-7.5°	0	0	0	1	1	1	1	2	2	3	3
-8.75°	0	0	0	1	1	1	1	2	2	3	3
-10°	0	0	0	1	1	1	1	2	2	3	3
-11.25°	0	0	0	1	1	1	1	2	2	3	3
-12.5°	0	0	0	1	1	1	1	2	2	3	3
-13.75°	0	0	0	1	1	1	1	2	2	3	3
-15°	0	0	0	1	1	1	1	2	2	3	3
-16.25°	0	0	0	1	1	1	1	2	2	3	3
-17.5°	0	0	0	1	1	1	1	2	2	3	3
-18.75°	0	0	0	1	1	1	1	1	2	2	3
-20°	0	0	0	1	1	1	1	1	2	2	3
-21.25°	0	0	0	1	1	1	1	1	2	2	3



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	0	0	0	0	1	1	1	1	2	2	3
-23.75°	0	0	0	0	1	1	1	1	2	2	3
-25°	0	0	0	0	1	1	1	1	2	2	2
-26.25°	0	0	0	0	1	1	1	1	1	2	2
-27.5°	0	0	0	0	1	1	1	1	1	2	2
-28.75°	0	0	0	0	1	1	1	1	1	2	2
-30°	0	0	0	0	0	1	1	1	1	2	2
-31.25°	0	0	0	0	0	1	1	1	1	1	2
-32.5°	0	0	0	0	0	1	1	1	1	1	2
-33.75°	0	0	0	0	0	1	1	1	1	1	2
-35°	0	0	0	0	0	1	1	1	1	1	1
-36.25°	0	0	0	0	0	0	1	1	1	1	1
-37.5°	0	0	0	0	0	0	1	1	1	1	1
-38.75°	0	0	0	0	0	0	1	1	1	1	1
-40°	0	0	0	0	0	0	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	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	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	1	1
57.5°	0	0	0	0	1	1	1	1	1	1	1
56.25°	0	0	0	1	1	1	1	1	1	1	1
55°	0	0	1	1	1	1	1	1	1	1	2
53.75°	0	1	1	1	1	1	1	1	1	2	2
52.5°	1	1	1	1	1	1	1	1	2	2	2
51.25°	1	1	1	1	1	1	1	2	2	2	2
50°	1	1	1	1	1	1	2	2	2	2	3
48.75°	1	1	1	1	1	2	2	2	2	3	3
47.5°	1	1	1	1	2	2	2	2	3	3	3
46.25°	1	1	1	1	2	2	2	3	3	3	4
45°	1	1	1	2	2	2	3	3	3	4	4
43.75°	1	1	1	2	2	2	3	3	3	4	4
42.5°	1	1	2	2	2	3	3	3	4	4	4
41.25°	1	1	2	2	3	3	3	4	4	4	5
40°	1	2	2	2	3	3	3	4	4	4	5
38.75°	1	2	2	3	3	3	4	4	4	5	5
37.5°	2	2	2	3	3	3	4	4	5	5	5
36.25°	2	2	3	3	3	4	4	4	5	5	5
35°	2	2	3	3	3	4	4	5	5	5	6



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	3	4	4	4	5	5	6	6	7	7	8
-23.75°	3	3	4	4	5	5	6	6	7	7	7
-25°	3	3	4	4	5	5	6	6	6	7	7
-26.25°	3	3	4	4	5	5	5	6	6	7	7
-27.5°	3	3	4	4	4	5	5	6	6	6	7
-28.75°	3	3	3	4	4	5	5	5	6	6	7
-30°	2	3	3	4	4	5	5	5	6	6	7
-31.25°	2	3	3	4	4	4	5	5	6	6	6
-32.5°	2	3	3	3	4	4	5	5	5	6	6
-33.75°	2	2	3	3	4	4	4	5	5	6	6
-35°	2	2	3	3	3	4	4	5	5	5	6
-36.25°	2	2	3	3	3	4	4	4	5	5	5
-37.5°	2	2	2	3	3	3	4	4	5	5	5
-38.75°	1	2	2	3	3	3	4	4	4	5	5
-40°	1	2	2	2	3	3	3	4	4	4	5
-41.25°	1	1	2	2	3	3	3	4	4	4	5
-42.5°	1	1	2	2	2	3	3	3	4	4	4
-43.75°	1	1	1	2	2	2	3	3	3	4	4
-45°	1	1	1	2	2	2	3	3	3	4	4
-46.25°	1	1	1	1	2	2	2	3	3	3	4
-47.5°	1	1	1	1	2	2	2	2	3	3	3
-48.75°	1	1	1	1	1	2	2	2	2	3	3
-50°	1	1	1	1	1	1	2	2	2	2	3
-51.25°	1	1	1	1	1	1	1	2	2	2	2
-52.5°	1	1	1	1	1	1	1	1	2	2	2
-53.75°	0	1	1	1	1	1	1	1	1	2	2
-55°	0	0	1	1	1	1	1	1	1	1	2
-56.25°	0	0	0	1	1	1	1	1	1	1	1
-57.5°	0	0	0	0	1	1	1	1	1	1	1
-58.75°	0	0	0	0	0	1	1	1	1	1	1
-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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	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	1
65°	0	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	2	2
61.25°	1	1	1	1	1	1	1	2	2	2	2
60°	1	1	1	1	1	2	2	2	2	3	3
58.75°	1	1	1	2	2	2	2	2	3	3	3
57.5°	1	2	2	2	2	2	3	3	3	3	3
56.25°	2	2	2	2	2	3	3	3	3	3	4
55°	2	2	2	3	3	3	3	3	4	4	4
53.75°	2	2	3	3	3	3	4	4	4	4	4
52.5°	2	3	3	3	3	4	4	4	4	5	5
51.25°	3	3	3	4	4	4	4	4	5	5	5
50°	3	3	4	4	4	4	5	5	5	5	5
48.75°	3	4	4	4	4	5	5	5	5	6	6
47.5°	4	4	4	4	5	5	5	5	6	6	6
46.25°	4	4	4	5	5	5	6	6	6	6	7
45°	4	4	5	5	5	6	6	6	6	7	7
43.75°	4	5	5	5	6	6	6	6	7	7	7
42.5°	5	5	5	6	6	6	6	7	7	7	8
41.25°	5	5	6	6	6	6	7	7	7	8	8
40°	5	5	6	6	6	7	7	7	8	8	9
38.75°	5	6	6	6	7	7	7	8	8	9	9
37.5°	6	6	6	7	7	7	8	8	9	9	10
36.25°	6	6	7	7	7	8	8	9	9	10	10
35°	6	6	7	7	8	8	8	9	10	10	11



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	6	7	7	7	8	8	9	10	10	11	11
32.5°	7	7	7	8	8	9	9	10	10	11	11
31.25°	7	7	7	8	9	9	10	10	11	11	12
30°	7	7	8	8	9	10	10	11	11	12	12
28.75°	7	8	8	9	9	10	10	11	12	12	13
27.5°	7	8	8	9	10	10	11	11	12	13	14
26.25°	8	8	9	9	10	11	11	12	13	13	14
25°	8	8	9	10	10	11	11	12	13	14	15
23.75°	8	9	9	10	11	11	12	13	13	14	15
22.5°	8	9	10	10	11	11	12	13	14	15	16
21.25°	8	9	10	10	11	12	13	13	14	15	16
20°	9	10	10	11	11	12	13	14	15	16	16
18.75°	9	10	10	11	12	12	13	14	15	16	17
17.5°	9	10	11	11	12	13	14	15	15	16	17
16.25°	9	10	11	11	12	13	14	15	16	17	18
15°	10	10	11	11	12	13	14	15	16	17	19
13.75°	10	10	11	12	13	14	15	15	16	18	20
12.5°	10	11	11	12	13	14	15	16	17	18	20
11.25°	10	11	11	12	13	14	15	16	17	19	21
10°	10	11	11	12	13	14	15	16	17	19	21
8.75°	10	11	11	12	13	14	15	16	18	20	23
7.5°	10	11	12	13	14	15	16	17	18	20	24
6.25°	10	11	12	13	14	15	16	17	18	20	24
5°	10	11	12	13	14	15	16	17	19	21	25
3.75°	10	11	12	13	14	15	16	17	19	21	26
2.5°	10	11	12	13	14	15	16	17	19	21	26
1.25°	10	11	12	13	14	15	16	17	19	21	26
0°	11	11	12	13	14	15	16	17	19	21	27
-1.25°	10	11	12	13	14	15	16	17	19	21	26
-2.5°	10	11	12	13	14	15	16	17	19	21	26
-3.75°	10	11	12	13	14	15	16	17	19	21	26
-5°	10	11	12	13	14	15	16	17	19	21	25
-6.25°	10	11	12	13	14	15	16	17	18	20	24
-7.5°	10	11	12	13	14	15	16	17	18	20	24
-8.75°	10	11	11	12	13	14	15	16	18	20	23
-10°	10	11	11	12	13	14	15	16	17	19	21
-11.25°	10	11	11	12	13	14	15	16	17	19	21
-12.5°	10	11	11	12	13	14	15	16	17	18	20
-13.75°	10	10	11	12	13	14	15	15	16	18	20
-15°	10	10	11	11	12	13	14	15	16	17	19
-16.25°	9	10	11	11	12	13	14	15	16	17	18
-17.5°	9	10	11	11	12	13	14	15	15	16	17
-18.75°	9	10	10	11	12	12	13	14	15	16	17
-20°	9	10	10	11	11	12	13	14	15	16	16
-21.25°	8	9	10	10	11	12	13	13	14	15	16



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	8	9	10	10	11	11	12	13	14	15	16
-23.75°	8	9	9	10	11	11	12	13	13	14	15
-25°	8	8	9	10	10	11	11	12	13	14	15
-26.25°	8	8	9	9	10	11	11	12	13	13	14
-27.5°	7	8	8	9	10	10	11	11	12	13	14
-28.75°	7	8	8	9	9	10	10	11	12	12	13
-30°	7	7	8	8	9	10	10	11	11	12	12
-31.25°	7	7	7	8	9	9	10	10	11	11	12
-32.5°	7	7	7	8	8	9	9	10	10	11	11
-33.75°	6	7	7	7	8	8	9	10	10	11	11
-35°	6	6	7	7	8	8	8	9	10	10	11
-36.25°	6	6	7	7	7	8	8	9	9	10	10
-37.5°	6	6	6	7	7	7	8	8	9	9	10
-38.75°	5	6	6	6	7	7	7	8	8	9	9
-40°	5	5	6	6	6	7	7	7	8	8	9
-41.25°	5	5	6	6	6	6	7	7	7	8	8
-42.5°	5	5	5	6	6	6	6	7	7	7	8
-43.75°	4	5	5	5	6	6	6	6	7	7	7
-45°	4	4	5	5	5	6	6	6	6	7	7
-46.25°	4	4	4	5	5	5	6	6	6	6	7
-47.5°	4	4	4	4	5	5	5	5	6	6	6
-48.75°	3	4	4	4	4	5	5	5	5	6	6
-50°	3	3	4	4	4	4	5	5	5	5	5
-51.25°	3	3	3	4	4	4	4	4	5	5	5
-52.5°	2	3	3	3	3	4	4	4	4	5	5
-53.75°	2	2	3	3	3	3	4	4	4	4	4
-55°	2	2	2	3	3	3	3	3	4	4	4
-56.25°	2	2	2	2	2	3	3	3	3	3	4
-57.5°	1	2	2	2	2	2	3	3	3	3	3
-58.75°	1	1	1	2	2	2	2	2	3	3	3
-60°	1	1	1	1	1	2	2	2	2	2	3
-61.25°	1	1	1	1	1	1	1	2	2	2	2
-62.5°	1	1	1	1	1	1	1	1	1	2	2
-63.75°	1	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	0	1	1	1	1	1	1	1	1
-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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	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	2	2	2
65°	1	1	1	1	2	2	2	2	2	2	2
63.75°	1	2	2	2	2	2	2	2	2	3	3
62.5°	2	2	2	2	2	3	3	3	3	3	3
61.25°	2	2	3	3	3	3	3	3	3	3	4
60°	3	3	3	3	3	3	4	4	4	4	4
58.75°	3	3	3	4	4	4	4	4	4	4	4
57.5°	3	4	4	4	4	4	4	5	5	5	5
56.25°	4	4	4	4	5	5	5	5	5	5	5
55°	4	4	5	5	5	5	5	5	6	6	6
53.75°	5	5	5	5	5	5	6	6	6	6	6
52.5°	5	5	5	6	6	6	6	6	6	7	7
51.25°	5	6	6	6	6	6	6	7	7	7	7
50°	6	6	6	6	7	7	7	7	7	7	8
48.75°	6	6	7	7	7	7	7	8	8	8	8
47.5°	6	7	7	7	7	8	8	8	8	9	9
46.25°	7	7	7	7	8	8	8	9	9	9	10
45°	7	7	8	8	8	9	9	9	10	10	10
43.75°	8	8	8	9	9	9	10	10	10	11	11
42.5°	8	8	9	9	10	10	10	11	11	11	11
41.25°	8	9	9	10	10	10	11	11	11	12	12
40°	9	10	10	10	11	11	11	12	12	13	13
38.75°	10	10	10	11	11	12	12	13	13	13	14
37.5°	10	11	11	11	12	12	13	13	14	14	15
36.25°	11	11	11	12	12	13	14	14	15	15	16
35°	11	11	12	13	13	14	14	15	15	16	16



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	11	12	13	13	14	14	15	16	16	17	17
32.5°	12	13	13	14	15	15	16	16	17	18	19
31.25°	13	13	14	15	15	16	16	17	18	19	20
30°	13	14	15	15	16	17	17	19	20	21	24
28.75°	14	14	15	16	17	17	19	20	22	25	28
27.5°	14	15	16	16	17	19	20	22	25	29	32
26.25°	15	16	16	17	19	20	22	26	29	34	43
25°	15	16	17	18	20	22	25	29	35	45	54
23.75°	16	17	18	19	21	25	29	34	45	55	65
22.5°	16	17	19	20	24	28	32	43	54	65	75
21.25°	17	18	20	22	27	31	41	53	64	75	85
20°	18	19	21	25	30	38	50	61	73	84	96
18.75°	18	20	23	28	33	45	58	70	81	93	109
17.5°	19	21	26	30	40	53	65	78	90	105	139
16.25°	20	23	28	34	47	60	73	85	100	128	191
15°	21	25	30	40	53	66	79	93	112	161	257
13.75°	22	27	32	46	59	73	86	102	135	214	337
12.5°	24	29	37	51	65	78	92	113	168	276	417
11.25°	25	30	42	56	70	84	99	132	212	342	495
10°	27	32	46	60	74	88	106	151	259	407	569
8.75°	28	35	50	64	78	93	118	185	310	467	635
7.5°	29	38	53	67	82	98	131	215	355	521	695
6.25°	30	41	56	70	85	102	142	243	398	569	746
5°	31	43	58	73	87	106	155	274	434	609	788
3.75°	31	45	60	75	89	109	171	297	462	640	820
2.5°	32	46	61	76	91	114	182	314	482	663	843
1.25°	32	47	62	77	92	117	189	325	494	676	857
0°	32	47	62	77	92	118	192	328	498	681	862
-1.25°	32	47	62	77	92	117	189	325	494	676	857
-2.5°	32	46	61	76	91	114	182	314	482	663	843
-3.75°	31	45	60	75	89	109	171	297	462	640	820
-5°	31	43	58	73	87	106	155	274	434	609	788
-6.25°	30	41	56	70	85	102	142	243	398	569	746
-7.5°	29	38	53	67	82	98	131	215	355	521	695
-8.75°	28	35	50	64	78	93	118	185	310	467	635
-10°	27	32	46	60	74	88	106	151	259	407	569
-11.25°	25	30	42	56	70	84	99	132	212	342	495
-12.5°	24	29	37	51	65	78	92	113	168	276	417
-13.75°	22	27	32	46	59	73	86	102	135	214	337
-15°	21	25	30	40	53	66	79	93	112	161	257
-16.25°	20	23	28	34	47	60	73	85	100	128	191
-17.5°	19	21	26	30	40	53	65	78	90	105	139
-18.75°	18	20	23	28	33	45	58	70	81	93	109
-20°	18	19	21	25	30	38	50	61	73	84	96
-21.25°	17	18	20	22	27	31	41	53	64	75	85



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	16	17	19	20	24	28	32	43	54	65	75
-23.75°	16	17	18	19	21	25	29	34	45	55	65
-25°	15	16	17	18	20	22	25	29	35	45	54
-26.25°	15	16	16	17	19	20	22	26	29	34	43
-27.5°	14	15	16	16	17	19	20	22	25	29	32
-28.75°	14	14	15	16	17	17	19	20	22	25	28
-30°	13	14	15	15	16	17	17	19	20	21	24
-31.25°	13	13	14	15	15	16	16	17	18	19	20
-32.5°	12	13	13	14	15	15	16	16	17	18	19
-33.75°	11	12	13	13	14	14	15	16	16	17	17
-35°	11	11	12	13	13	14	14	15	15	16	16
-36.25°	11	11	11	12	12	13	14	14	15	15	16
-37.5°	10	11	11	11	12	12	13	13	14	14	15
-38.75°	10	10	10	11	11	12	12	13	13	13	14
-40°	9	10	10	10	11	11	11	12	12	13	13
-41.25°	8	9	9	10	10	10	11	11	11	12	12
-42.5°	8	8	9	9	10	10	10	11	11	11	11
-43.75°	8	8	8	9	9	9	10	10	10	11	11
-45°	7	7	8	8	8	9	9	9	10	10	10
-46.25°	7	7	7	7	8	8	8	9	9	9	10
-47.5°	6	7	7	7	7	8	8	8	8	9	9
-48.75°	6	6	7	7	7	7	7	8	8	8	8
-50°	6	6	6	6	7	7	7	7	7	7	8
-51.25°	5	6	6	6	6	6	6	7	7	7	7
-52.5°	5	5	5	6	6	6	6	6	6	7	7
-53.75°	5	5	5	5	5	5	6	6	6	6	6
-55°	4	4	5	5	5	5	5	5	6	6	6
-56.25°	4	4	4	4	5	5	5	5	5	5	5
-57.5°	3	4	4	4	4	4	4	5	5	5	5
-58.75°	3	3	3	4	4	4	4	4	4	4	4
-60°	3	3	3	3	3	3	4	4	4	4	4
-61.25°	2	2	3	3	3	3	3	3	3	3	4
-62.5°	2	2	2	2	2	3	3	3	3	3	3
-63.75°	1	2	2	2	2	2	2	2	2	3	3
-65°	1	1	1	1	2	2	2	2	2	2	2
-66.25°	1	1	1	1	1	1	1	1	2	2	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°	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	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	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	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	6	6	6	6	6	6
56.25°	5	6	6	6	6	6	6	6	6	6	6
55°	6	6	6	6	6	6	7	7	7	7	7
53.75°	6	7	7	7	7	7	7	7	7	7	7
52.5°	7	7	7	7	7	7	8	8	8	8	8
51.25°	7	7	8	8	8	8	8	8	8	8	9
50°	8	8	8	8	8	9	9	9	9	9	10
48.75°	8	9	9	9	9	10	10	10	10	10	10
47.5°	9	10	10	10	10	10	10	11	11	11	11
46.25°	10	10	10	11	11	11	11	11	11	11	11
45°	10	11	11	11	11	11	12	12	12	12	12
43.75°	11	11	12	12	12	12	13	13	13	13	13
42.5°	12	12	12	13	13	13	14	14	14	14	14
41.25°	13	13	13	14	14	14	15	15	15	15	15
40°	13	14	14	15	15	15	15	16	16	16	16
38.75°	14	15	15	15	16	16	16	17	17	17	18
37.5°	15	16	16	16	17	17	18	18	19	19	20
36.25°	16	16	17	17	18	19	20	20	21	21	23
35°	17	18	18	19	20	21	22	24	25	27	28



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	18	19	20	21	23	25	27	29	30	32	35
32.5°	20	21	23	26	28	30	32	37	42	46	50
31.25°	22	25	28	30	34	40	46	51	56	60	64
30°	27	30	33	40	47	53	59	65	70	74	78
28.75°	31	38	45	53	60	66	73	78	84	88	93
27.5°	41	50	58	65	73	79	86	92	99	106	118
26.25°	53	61	70	78	85	93	102	113	132	151	185
25°	64	73	81	90	100	112	135	168	212	259	310
23.75°	75	84	93	105	128	161	214	276	342	407	467
22.5°	85	96	109	139	191	257	337	417	495	569	635
21.25°	97	114	146	212	294	386	479	570	655	734	805
20°	114	149	222	317	420	525	628	725	814	894	961
18.75°	146	222	325	438	554	667	776	874	960	1031	1090
17.5°	212	317	438	563	687	806	915	1004	1081	1147	1218
16.25°	294	420	554	687	816	935	1031	1114	1196	1281	1384
15°	386	525	667	806	935	1040	1130	1227	1338	1460	1599
13.75°	479	628	776	915	1031	1130	1237	1367	1517	1682	1865
12.5°	570	725	874	1004	1114	1227	1367	1537	1731	1946	2186
11.25°	655	814	960	1081	1196	1338	1517	1731	1978	2254	2534
10°	734	894	1031	1147	1281	1460	1682	1946	2254	2573	2902
8.75°	805	961	1090	1218	1384	1599	1865	2186	2534	2902	3270
7.5°	865	1015	1140	1283	1483	1738	2053	2418	2809	3218	3629
6.25°	917	1060	1189	1359	1585	1873	2231	2629	3065	3512	3964
5°	955	1094	1233	1422	1672	1999	2394	2827	3292	3776	4258
3.75°	984	1120	1268	1477	1756	2110	2525	2987	3479	3992	4500
2.5°	1005	1139	1297	1522	1816	2191	2622	3108	3622	4154	4682
1.25°	1017	1151	1318	1550	1853	2240	2687	3183	3711	4254	4792
0°	1021	1155	1325	1560	1866	2257	2709	3209	3740	4288	4830
-1.25°	1017	1151	1318	1550	1853	2240	2687	3183	3711	4254	4792
-2.5°	1005	1139	1297	1522	1816	2191	2622	3108	3622	4154	4682
-3.75°	984	1120	1268	1477	1756	2110	2525	2987	3479	3992	4500
-5°	955	1094	1233	1422	1672	1999	2394	2827	3292	3776	4258
-6.25°	917	1060	1189	1359	1585	1873	2231	2629	3065	3512	3964
-7.5°	865	1015	1140	1283	1483	1738	2053	2418	2809	3218	3629
-8.75°	805	961	1090	1218	1384	1599	1865	2186	2534	2902	3270
-10°	734	894	1031	1147	1281	1460	1682	1946	2254	2573	2902
-11.25°	655	814	960	1081	1196	1338	1517	1731	1978	2254	2534
-12.5°	570	725	874	1004	1114	1227	1367	1537	1731	1946	2186
-13.75°	479	628	776	915	1031	1130	1237	1367	1517	1682	1865
-15°	386	525	667	806	935	1040	1130	1227	1338	1460	1599
-16.25°	294	420	554	687	816	935	1031	1114	1196	1281	1384
-17.5°	212	317	438	563	687	806	915	1004	1081	1147	1218
-18.75°	146	222	325	438	554	667	776	874	960	1031	1090
-20°	114	149	222	317	420	525	628	725	814	894	961
-21.25°	97	114	146	212	294	386	479	570	655	734	805



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	85	96	109	139	191	257	337	417	495	569	635
-23.75°	75	84	93	105	128	161	214	276	342	407	467
-25°	64	73	81	90	100	112	135	168	212	259	310
-26.25°	53	61	70	78	85	93	102	113	132	151	185
-27.5°	41	50	58	65	73	79	86	92	99	106	118
-28.75°	31	38	45	53	60	66	73	78	84	88	93
-30°	27	30	33	40	47	53	59	65	70	74	78
-31.25°	22	25	28	30	34	40	46	51	56	60	64
-32.5°	20	21	23	26	28	30	32	37	42	46	50
-33.75°	18	19	20	21	23	25	27	29	30	32	35
-35°	17	18	18	19	20	21	22	24	25	27	28
-36.25°	16	16	17	17	18	19	20	20	21	21	23
-37.5°	15	16	16	16	17	17	18	18	19	19	20
-38.75°	14	15	15	15	16	16	16	17	17	17	18
-40°	13	14	14	15	15	15	15	16	16	16	16
-41.25°	13	13	13	14	14	14	15	15	15	15	15
-42.5°	12	12	12	13	13	13	14	14	14	14	14
-43.75°	11	11	12	12	12	12	13	13	13	13	13
-45°	10	11	11	11	11	11	12	12	12	12	12
-46.25°	10	10	10	11	11	11	11	11	11	11	11
-47.5°	9	10	10	10	10	10	10	11	11	11	11
-48.75°	8	9	9	9	9	10	10	10	10	10	10
-50°	8	8	8	8	8	9	9	9	9	9	10
-51.25°	7	7	8	8	8	8	8	8	8	8	9
-52.5°	7	7	7	7	7	7	8	8	8	8	8
-53.75°	6	7	7	7	7	7	7	7	7	7	7
-55°	6	6	6	6	6	6	7	7	7	7	7
-56.25°	5	6	6	6	6	6	6	6	6	6	6
-57.5°	5	5	5	5	5	6	6	6	6	6	6
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	4	4	4	4	4	5	5	5	5	5	5
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	3	3	3	3	4	4	4	4	4	4	4
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	2	2	2	3	3	3	3	3	3	3	3
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	1	1	1	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	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	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	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	3	2	2	2	2
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	4	3	3	3	3
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	5	4	4	4	4
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	6	5	5	5	5
57.5°	6	6	6	6	6	6	6	6	6	6	6
56.25°	6	6	6	6	6	6	7	6	6	6	6
55°	7	7	7	7	7	7	7	7	7	7	7
53.75°	7	7	7	7	7	7	8	7	7	7	7
52.5°	8	8	8	8	8	8	8	8	8	8	8
51.25°	9	9	9	9	9	9	9	9	9	9	9
50°	10	10	10	10	10	10	10	10	10	10	10
48.75°	10	10	10	10	10	10	11	10	10	10	10
47.5°	11	11	11	11	11	11	11	11	11	11	11
46.25°	12	12	12	12	12	12	12	12	12	12	12
45°	13	13	13	13	13	13	13	13	13	13	13
43.75°	14	14	14	14	14	14	14	14	14	14	14
42.5°	15	15	15	15	15	15	15	15	15	15	15
41.25°	16	16	16	16	16	16	16	16	16	16	16
40°	17	17	17	17	17	17	17	17	17	17	17
38.75°	18	18	19	19	19	19	19	19	19	19	19
37.5°	20	20	21	21	21	21	21	21	21	21	21
36.25°	24	24	25	26	26	26	27	26	26	26	25
35°	29	30	31	31	32	32	32	32	32	31	31



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	38	41	43	45	46	47	47	47	46	45	43
32.5°	53	56	58	60	61	62	62	62	61	60	58
31.25°	67	70	73	75	76	77	77	77	76	75	73
30°	82	85	87	89	91	92	92	92	91	89	87
28.75°	98	102	106	109	114	117	118	117	114	109	106
27.5°	131	142	155	171	182	189	192	189	182	171	155
26.25°	215	243	274	297	314	325	328	325	314	297	274
25°	355	398	434	462	482	494	498	494	482	462	434
23.75°	521	569	609	640	663	676	681	676	663	640	609
22.5°	695	746	788	820	843	857	862	857	843	820	788
21.25°	865	917	955	984	1005	1017	1021	1017	1005	984	955
20°	1015	1060	1094	1120	1139	1151	1155	1151	1139	1120	1094
18.75°	1140	1189	1233	1268	1297	1318	1325	1318	1297	1268	1233
17.5°	1283	1359	1422	1477	1522	1550	1560	1550	1522	1477	1422
16.25°	1483	1585	1672	1756	1816	1853	1866	1853	1816	1756	1672
15°	1738	1873	1999	2110	2191	2240	2257	2240	2191	2110	1999
13.75°	2053	2231	2394	2525	2622	2687	2709	2687	2622	2525	2394
12.5°	2418	2629	2827	2987	3108	3183	3209	3183	3108	2987	2827
11.25°	2809	3065	3292	3479	3622	3711	3740	3711	3622	3479	3292
10°	3218	3512	3776	3992	4154	4254	4288	4254	4154	3992	3776
8.75°	3629	3964	4258	4500	4682	4792	4830	4792	4682	4500	4258
7.5°	4028	4396	4721	4986	5185	5302	5342	5302	5185	4986	4721
6.25°	4396	4796	5148	5426	5630	5753	5795	5753	5630	5426	5148
5°	4721	5148	5511	5796	6001	6129	6174	6129	6001	5796	5511
3.75°	4986	5426	5796	6086	6295	6428	6469	6428	6295	6086	5796
2.5°	5185	5630	6001	6295	6512	6648	6690	6648	6512	6295	6001
1.25°	5302	5753	6129	6428	6648	6785	6836	6785	6648	6428	6129
0°	5342	5795	6174	6469	6690	6836	6916	6836	6690	6469	6174
-1.25°	5302	5753	6129	6428	6648	6785	6836	6785	6648	6428	6129
-2.5°	5185	5630	6001	6295	6512	6648	6690	6648	6512	6295	6001
-3.75°	4986	5426	5796	6086	6295	6428	6469	6428	6295	6086	5796
-5°	4721	5148	5511	5796	6001	6129	6174	6129	6001	5796	5511
-6.25°	4396	4796	5148	5426	5630	5753	5795	5753	5630	5426	5148
-7.5°	4028	4396	4721	4986	5185	5302	5342	5302	5185	4986	4721
-8.75°	3629	3964	4258	4500	4682	4792	4830	4792	4682	4500	4258
-10°	3218	3512	3776	3992	4154	4254	4288	4254	4154	3992	3776
-11.25°	2809	3065	3292	3479	3622	3711	3740	3711	3622	3479	3292
-12.5°	2418	2629	2827	2987	3108	3183	3209	3183	3108	2987	2827
-13.75°	2053	2231	2394	2525	2622	2687	2709	2687	2622	2525	2394
-15°	1738	1873	1999	2110	2191	2240	2257	2240	2191	2110	1999
-16.25°	1483	1585	1672	1756	1816	1853	1866	1853	1816	1756	1672
-17.5°	1283	1359	1422	1477	1522	1550	1560	1550	1522	1477	1422
-18.75°	1140	1189	1233	1268	1297	1318	1325	1318	1297	1268	1233
-20°	1015	1060	1094	1120	1139	1151	1155	1151	1139	1120	1094
-21.25°	865	917	955	984	1005	1017	1021	1017	1005	984	955



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	695	746	788	820	843	857	862	857	843	820	788
-23.75°	521	569	609	640	663	676	681	676	663	640	609
-25°	355	398	434	462	482	494	498	494	482	462	434
-26.25°	215	243	274	297	314	325	328	325	314	297	274
-27.5°	131	142	155	171	182	189	192	189	182	171	155
-28.75°	98	102	106	109	114	117	118	117	114	109	106
-30°	82	85	87	89	91	92	92	92	91	89	87
-31.25°	67	70	73	75	76	77	77	77	76	75	73
-32.5°	53	56	58	60	61	62	62	62	61	60	58
-33.75°	38	41	43	45	46	47	47	47	46	45	43
-35°	29	30	31	31	32	32	32	32	32	31	31
-36.25°	24	24	25	26	26	26	27	26	26	26	25
-37.5°	20	20	21	21	21	21	21	21	21	21	21
-38.75°	18	18	19	19	19	19	19	19	19	19	19
-40°	17	17	17	17	17	17	17	17	17	17	17
-41.25°	16	16	16	16	16	16	16	16	16	16	16
-42.5°	15	15	15	15	15	15	15	15	15	15	15
-43.75°	14	14	14	14	14	14	14	14	14	14	14
-45°	13	13	13	13	13	13	13	13	13	13	13
-46.25°	12	12	12	12	12	12	12	12	12	12	12
-47.5°	11	11	11	11	11	11	11	11	11	11	11
-48.75°	10	10	10	10	10	10	11	10	10	10	10
-50°	10	10	10	10	10	10	10	10	10	10	10
-51.25°	9	9	9	9	9	9	9	9	9	9	9
-52.5°	8	8	8	8	8	8	8	8	8	8	8
-53.75°	7	7	7	7	7	7	8	7	7	7	7
-55°	7	7	7	7	7	7	7	7	7	7	7
-56.25°	6	6	6	6	6	6	7	6	6	6	6
-57.5°	6	6	6	6	6	6	6	6	6	6	6
-58.75°	5	5	5	5	5	5	6	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	4	4	4	4	4	4	5	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	3	3	3	3	3	3	4	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	2	2	2	2	2	2	3	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	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°	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	2	2	2	2	2	2	2	2	2	2	1
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	3	3	3	3	3	3	3	3	3	3	2
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	4	4	4	4	4	4	4	4	4	3	3
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	5	5	5	5	5	5	5	5	4	4	4
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	6	6	6	6	6	6	6	6	5	5	5
56.25°	6	6	6	6	6	6	6	6	6	6	6
55°	7	7	7	7	7	7	7	6	6	6	6
53.75°	7	7	7	7	7	7	7	7	7	7	7
52.5°	8	8	8	8	8	8	8	7	7	7	7
51.25°	9	9	9	8	8	8	8	8	8	8	8
50°	10	10	10	9	9	9	9	9	8	8	8
48.75°	10	10	10	10	10	10	10	10	9	9	9
47.5°	11	11	11	11	11	11	10	10	10	10	10
46.25°	12	12	11	11	11	11	11	11	11	11	10
45°	13	13	12	12	12	12	12	11	11	11	11
43.75°	14	14	13	13	13	13	13	12	12	12	12
42.5°	15	15	14	14	14	14	14	13	13	13	12
41.25°	16	16	15	15	15	15	15	14	14	14	13
40°	17	17	16	16	16	16	15	15	15	15	14
38.75°	18	18	18	17	17	17	16	16	16	15	15
37.5°	20	20	20	19	19	18	18	17	17	16	16
36.25°	24	24	23	21	21	20	20	19	18	17	17
35°	30	29	28	27	25	24	22	21	20	19	18

REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	41	38	35	32	30	29	27	25	23	21	20
32.5°	56	53	50	46	42	37	32	30	28	26	23
31.25°	70	67	64	60	56	51	46	40	34	30	28
30°	85	82	78	74	70	65	59	53	47	40	33
28.75°	102	98	93	88	84	78	73	66	60	53	45
27.5°	142	131	118	106	99	92	86	79	73	65	58
26.25°	243	215	185	151	132	113	102	93	85	78	70
25°	398	355	310	259	212	168	135	112	100	90	81
23.75°	569	521	467	407	342	276	214	161	128	105	93
22.5°	746	695	635	569	495	417	337	257	191	139	109
21.25°	917	865	805	734	655	570	479	386	294	212	146
20°	1060	1015	961	894	814	725	628	525	420	317	222
18.75°	1189	1140	1090	1031	960	874	776	667	554	438	325
17.5°	1359	1283	1218	1147	1081	1004	915	806	687	563	438
16.25°	1585	1483	1384	1281	1196	1114	1031	935	816	687	554
15°	1873	1738	1599	1460	1338	1227	1130	1040	935	806	667
13.75°	2231	2053	1865	1682	1517	1367	1237	1130	1031	915	776
12.5°	2629	2418	2186	1946	1731	1537	1367	1227	1114	1004	874
11.25°	3065	2809	2534	2254	1978	1731	1517	1338	1196	1081	960
10°	3512	3218	2902	2573	2254	1946	1682	1460	1281	1147	1031
8.75°	3964	3629	3270	2902	2534	2186	1865	1599	1384	1218	1090
7.5°	4396	4028	3629	3218	2809	2418	2053	1738	1483	1283	1140
6.25°	4796	4396	3964	3512	3065	2629	2231	1873	1585	1359	1189
5°	5148	4721	4258	3776	3292	2827	2394	1999	1672	1422	1233
3.75°	5426	4986	4500	3992	3479	2987	2525	2110	1756	1477	1268
2.5°	5630	5185	4682	4154	3622	3108	2622	2191	1816	1522	1297
1.25°	5753	5302	4792	4254	3711	3183	2687	2240	1853	1550	1318
0°	5795	5342	4830	4288	3740	3209	2709	2257	1866	1560	1325
-1.25°	5753	5302	4792	4254	3711	3183	2687	2240	1853	1550	1318
-2.5°	5630	5185	4682	4154	3622	3108	2622	2191	1816	1522	1297
-3.75°	5426	4986	4500	3992	3479	2987	2525	2110	1756	1477	1268
-5°	5148	4721	4258	3776	3292	2827	2394	1999	1672	1422	1233
-6.25°	4796	4396	3964	3512	3065	2629	2231	1873	1585	1359	1189
-7.5°	4396	4028	3629	3218	2809	2418	2053	1738	1483	1283	1140
-8.75°	3964	3629	3270	2902	2534	2186	1865	1599	1384	1218	1090
-10°	3512	3218	2902	2573	2254	1946	1682	1460	1281	1147	1031
-11.25°	3065	2809	2534	2254	1978	1731	1517	1338	1196	1081	960
-12.5°	2629	2418	2186	1946	1731	1537	1367	1227	1114	1004	874
-13.75°	2231	2053	1865	1682	1517	1367	1237	1130	1031	915	776
-15°	1873	1738	1599	1460	1338	1227	1130	1040	935	806	667
-16.25°	1585	1483	1384	1281	1196	1114	1031	935	816	687	554
-17.5°	1359	1283	1218	1147	1081	1004	915	806	687	563	438
-18.75°	1189	1140	1090	1031	960	874	776	667	554	438	325
-20°	1060	1015	961	894	814	725	628	525	420	317	222
-21.25°	917	865	805	734	655	570	479	386	294	212	146



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	746	695	635	569	495	417	337	257	191	139	109
-23.75°	569	521	467	407	342	276	214	161	128	105	93
-25°	398	355	310	259	212	168	135	112	100	90	81
-26.25°	243	215	185	151	132	113	102	93	85	78	70
-27.5°	142	131	118	106	99	92	86	79	73	65	58
-28.75°	102	98	93	88	84	78	73	66	60	53	45
-30°	85	82	78	74	70	65	59	53	47	40	33
-31.25°	70	67	64	60	56	51	46	40	34	30	28
-32.5°	56	53	50	46	42	37	32	30	28	26	23
-33.75°	41	38	35	32	30	29	27	25	23	21	20
-35°	30	29	28	27	25	24	22	21	20	19	18
-36.25°	24	24	23	21	21	20	20	19	18	17	17
-37.5°	20	20	20	19	19	18	18	17	17	16	16
-38.75°	18	18	18	17	17	17	16	16	16	15	15
-40°	17	17	16	16	16	16	15	15	15	15	14
-41.25°	16	16	15	15	15	15	15	14	14	14	13
-42.5°	15	15	14	14	14	14	14	13	13	13	12
-43.75°	14	14	13	13	13	13	13	12	12	12	12
-45°	13	13	12	12	12	12	12	11	11	11	11
-46.25°	12	12	11	11	11	11	11	11	11	11	10
-47.5°	11	11	11	11	11	11	10	10	10	10	10
-48.75°	10	10	10	10	10	10	10	10	9	9	9
-50°	10	10	10	9	9	9	9	9	8	8	8
-51.25°	9	9	9	8	8	8	8	8	8	8	8
-52.5°	8	8	8	8	8	8	8	7	7	7	7
-53.75°	7	7	7	7	7	7	7	7	7	7	7
-55°	7	7	7	7	7	7	7	6	6	6	6
-56.25°	6	6	6	6	6	6	6	6	6	6	6
-57.5°	6	6	6	6	6	6	6	6	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	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	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°	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	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	2	2	1	1	1	1	1	1
65°	2	2	2	2	2	2	2	2	2	1	1
63.75°	3	3	3	3	2	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	3	2	2	2
61.25°	4	4	4	3	3	3	3	3	3	3	3
60°	4	4	4	4	4	4	4	3	3	3	3
58.75°	5	5	4	4	4	4	4	4	4	4	3
57.5°	5	5	5	5	5	5	4	4	4	4	4
56.25°	6	5	5	5	5	5	5	5	5	4	4
55°	6	6	6	6	6	5	5	5	5	5	5
53.75°	7	6	6	6	6	6	6	5	5	5	5
52.5°	7	7	7	7	6	6	6	6	6	6	5
51.25°	7	7	7	7	7	7	6	6	6	6	6
50°	8	8	8	7	7	7	7	7	7	6	6
48.75°	9	8	8	8	8	8	7	7	7	7	7
47.5°	10	9	9	9	8	8	8	8	7	7	7
46.25°	10	10	10	9	9	9	8	8	8	7	7
45°	11	10	10	10	10	9	9	9	8	8	8
43.75°	11	11	11	11	10	10	10	9	9	9	8
42.5°	12	12	11	11	11	11	10	10	10	9	9
41.25°	13	13	12	12	11	11	11	10	10	10	9
40°	14	13	13	13	12	12	11	11	11	10	10
38.75°	15	14	14	13	13	13	12	12	11	11	10
37.5°	16	15	15	14	14	13	13	12	12	11	11
36.25°	16	16	16	15	15	14	14	13	12	12	11
35°	18	17	16	16	15	15	14	14	13	13	12



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	19	18	17	17	16	16	15	14	14	13	13
32.5°	21	20	19	18	17	16	16	15	15	14	13
31.25°	25	22	20	19	18	17	16	16	15	15	14
30°	30	27	24	21	20	19	17	17	16	15	15
28.75°	38	31	28	25	22	20	19	17	17	16	15
27.5°	50	41	32	29	25	22	20	19	17	16	16
26.25°	61	53	43	34	29	26	22	20	19	17	16
25°	73	64	54	45	35	29	25	22	20	18	17
23.75°	84	75	65	55	45	34	29	25	21	19	18
22.5°	96	85	75	65	54	43	32	28	24	20	19
21.25°	114	97	85	75	64	53	41	31	27	22	20
20°	149	114	96	84	73	61	50	38	30	25	21
18.75°	222	146	109	93	81	70	58	45	33	28	23
17.5°	317	212	139	105	90	78	65	53	40	30	26
16.25°	420	294	191	128	100	85	73	60	47	34	28
15°	525	386	257	161	112	93	79	66	53	40	30
13.75°	628	479	337	214	135	102	86	73	59	46	32
12.5°	725	570	417	276	168	113	92	78	65	51	37
11.25°	814	655	495	342	212	132	99	84	70	56	42
10°	894	734	569	407	259	151	106	88	74	60	46
8.75°	961	805	635	467	310	185	118	93	78	64	50
7.5°	1015	865	695	521	355	215	131	98	82	67	53
6.25°	1060	917	746	569	398	243	142	102	85	70	56
5°	1094	955	788	609	434	274	155	106	87	73	58
3.75°	1120	984	820	640	462	297	171	109	89	75	60
2.5°	1139	1005	843	663	482	314	182	114	91	76	61
1.25°	1151	1017	857	676	494	325	189	117	92	77	62
0°	1155	1021	862	681	498	328	192	118	92	77	62
-1.25°	1151	1017	857	676	494	325	189	117	92	77	62
-2.5°	1139	1005	843	663	482	314	182	114	91	76	61
-3.75°	1120	984	820	640	462	297	171	109	89	75	60
-5°	1094	955	788	609	434	274	155	106	87	73	58
-6.25°	1060	917	746	569	398	243	142	102	85	70	56
-7.5°	1015	865	695	521	355	215	131	98	82	67	53
-8.75°	961	805	635	467	310	185	118	93	78	64	50
-10°	894	734	569	407	259	151	106	88	74	60	46
-11.25°	814	655	495	342	212	132	99	84	70	56	42
-12.5°	725	570	417	276	168	113	92	78	65	51	37
-13.75°	628	479	337	214	135	102	86	73	59	46	32
-15°	525	386	257	161	112	93	79	66	53	40	30
-16.25°	420	294	191	128	100	85	73	60	47	34	28
-17.5°	317	212	139	105	90	78	65	53	40	30	26
-18.75°	222	146	109	93	81	70	58	45	33	28	23
-20°	149	114	96	84	73	61	50	38	30	25	21
-21.25°	114	97	85	75	64	53	41	31	27	22	20



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	96	85	75	65	54	43	32	28	24	20	19
-23.75°	84	75	65	55	45	34	29	25	21	19	18
-25°	73	64	54	45	35	29	25	22	20	18	17
-26.25°	61	53	43	34	29	26	22	20	19	17	16
-27.5°	50	41	32	29	25	22	20	19	17	16	16
-28.75°	38	31	28	25	22	20	19	17	17	16	15
-30°	30	27	24	21	20	19	17	17	16	15	15
-31.25°	25	22	20	19	18	17	16	16	15	15	14
-32.5°	21	20	19	18	17	16	16	15	15	14	13
-33.75°	19	18	17	17	16	16	15	14	14	13	13
-35°	18	17	16	16	15	15	14	14	13	13	12
-36.25°	16	16	16	15	15	14	14	13	12	12	11
-37.5°	16	15	15	14	14	13	13	12	12	11	11
-38.75°	15	14	14	13	13	13	12	12	11	11	10
-40°	14	13	13	13	12	12	11	11	11	10	10
-41.25°	13	13	12	12	11	11	11	10	10	10	9
-42.5°	12	12	11	11	11	11	10	10	10	9	9
-43.75°	11	11	11	11	10	10	10	9	9	9	8
-45°	11	10	10	10	10	9	9	9	8	8	8
-46.25°	10	10	10	9	9	9	8	8	8	7	7
-47.5°	10	9	9	9	8	8	8	8	7	7	7
-48.75°	9	8	8	8	8	8	7	7	7	7	7
-50°	8	8	8	7	7	7	7	7	7	6	6
-51.25°	7	7	7	7	7	7	6	6	6	6	6
-52.5°	7	7	7	7	6	6	6	6	6	6	5
-53.75°	7	6	6	6	6	6	6	5	5	5	5
-55°	6	6	6	6	6	5	5	5	5	5	5
-56.25°	6	5	5	5	5	5	5	5	5	4	4
-57.5°	5	5	5	5	5	5	4	4	4	4	4
-58.75°	5	5	4	4	4	4	4	4	4	4	3
-60°	4	4	4	4	4	4	4	3	3	3	3
-61.25°	4	4	4	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	2	2	2
-63.75°	3	3	3	3	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	1	1
-66.25°	2	2	2	2	2	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	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	1	1	1	1	1	1	1	1	1	1	0
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	2	1	1	1	1	1	1	1	1	1	1
62.5°	2	2	2	2	1	1	1	1	1	1	1
61.25°	2	2	2	2	2	2	1	1	1	1	1
60°	3	3	3	2	2	2	2	2	1	1	1
58.75°	3	3	3	3	3	2	2	2	2	2	1
57.5°	4	3	3	3	3	3	3	2	2	2	2
56.25°	4	4	4	3	3	3	3	3	2	2	2
55°	4	4	4	4	4	3	3	3	3	3	2
53.75°	5	5	4	4	4	4	4	3	3	3	3
52.5°	5	5	5	5	4	4	4	4	3	3	3
51.25°	6	5	5	5	5	4	4	4	4	4	3
50°	6	6	5	5	5	5	5	4	4	4	4
48.75°	6	6	6	6	5	5	5	5	4	4	4
47.5°	7	6	6	6	6	5	5	5	5	4	4
46.25°	7	7	7	6	6	6	6	5	5	5	4
45°	7	7	7	7	6	6	6	6	5	5	5
43.75°	8	8	7	7	7	6	6	6	6	5	5
42.5°	8	8	8	7	7	7	6	6	6	6	5
41.25°	9	8	8	8	7	7	7	6	6	6	6
40°	10	9	9	8	8	7	7	7	6	6	6
38.75°	10	10	9	9	8	8	7	7	7	6	6
37.5°	11	10	10	9	9	8	8	7	7	7	6
36.25°	11	11	10	10	9	9	8	8	7	7	7
35°	11	11	11	10	10	9	8	8	8	7	7



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	12	11	11	11	10	10	9	8	8	7	7
32.5°	13	12	11	11	10	10	9	9	8	8	7
31.25°	13	13	12	11	11	10	10	9	9	8	7
30°	14	13	12	12	11	11	10	10	9	8	8
28.75°	14	14	13	12	12	11	10	10	9	9	8
27.5°	15	14	14	13	12	11	11	10	10	9	8
26.25°	16	15	14	13	13	12	11	11	10	9	9
25°	16	15	15	14	13	12	11	11	10	10	9
23.75°	17	16	15	14	13	13	12	11	11	10	9
22.5°	17	16	16	15	14	13	12	11	11	10	10
21.25°	18	17	16	15	14	13	13	12	11	10	10
20°	19	18	16	16	15	14	13	12	11	11	10
18.75°	20	18	17	16	15	14	13	12	12	11	10
17.5°	21	19	17	16	15	15	14	13	12	11	11
16.25°	23	20	18	17	16	15	14	13	12	11	11
15°	25	21	19	17	16	15	14	13	12	11	11
13.75°	27	22	20	18	16	15	15	14	13	12	11
12.5°	29	24	20	18	17	16	15	14	13	12	11
11.25°	30	25	21	19	17	16	15	14	13	12	11
10°	32	27	21	19	17	16	15	14	13	12	11
8.75°	35	28	23	20	18	16	15	14	13	12	11
7.5°	38	29	24	20	18	17	16	15	14	13	12
6.25°	41	30	24	20	18	17	16	15	14	13	12
5°	43	31	25	21	19	17	16	15	14	13	12
3.75°	45	31	26	21	19	17	16	15	14	13	12
2.5°	46	32	26	21	19	17	16	15	14	13	12
1.25°	47	32	26	21	19	17	16	15	14	13	12
0°	47	32	27	21	19	17	16	15	14	13	12
-1.25°	47	32	26	21	19	17	16	15	14	13	12
-2.5°	46	32	26	21	19	17	16	15	14	13	12
-3.75°	45	31	26	21	19	17	16	15	14	13	12
-5°	43	31	25	21	19	17	16	15	14	13	12
-6.25°	41	30	24	20	18	17	16	15	14	13	12
-7.5°	38	29	24	20	18	17	16	15	14	13	12
-8.75°	35	28	23	20	18	16	15	14	13	12	11
-10°	32	27	21	19	17	16	15	14	13	12	11
-11.25°	30	25	21	19	17	16	15	14	13	12	11
-12.5°	29	24	20	18	17	16	15	14	13	12	11
-13.75°	27	22	20	18	16	15	15	14	13	12	11
-15°	25	21	19	17	16	15	14	13	12	11	11
-16.25°	23	20	18	17	16	15	14	13	12	11	11
-17.5°	21	19	17	16	15	15	14	13	12	11	11
-18.75°	20	18	17	16	15	14	13	12	12	11	10
-20°	19	18	16	16	15	14	13	12	11	11	10
-21.25°	18	17	16	15	14	13	13	12	11	10	10



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	17	16	16	15	14	13	12	11	11	10	10
-23.75°	17	16	15	14	13	13	12	11	11	10	9
-25°	16	15	15	14	13	12	11	11	10	10	9
-26.25°	16	15	14	13	13	12	11	11	10	9	9
-27.5°	15	14	14	13	12	11	11	10	10	9	8
-28.75°	14	14	13	12	12	11	10	10	9	9	8
-30°	14	13	12	12	11	11	10	10	9	8	8
-31.25°	13	13	12	11	11	10	10	9	9	8	7
-32.5°	13	12	11	11	10	10	9	9	8	8	7
-33.75°	12	11	11	11	10	10	9	8	8	7	7
-35°	11	11	11	10	10	9	8	8	8	7	7
-36.25°	11	11	10	10	9	9	8	8	7	7	7
-37.5°	11	10	10	9	9	8	8	7	7	7	6
-38.75°	10	10	9	9	8	8	7	7	7	6	6
-40°	10	9	9	8	8	7	7	7	6	6	6
-41.25°	9	8	8	8	7	7	7	6	6	6	6
-42.5°	8	8	8	7	7	7	6	6	6	6	5
-43.75°	8	8	7	7	7	6	6	6	6	5	5
-45°	7	7	7	7	6	6	6	6	5	5	5
-46.25°	7	7	7	6	6	6	6	5	5	5	4
-47.5°	7	6	6	6	6	5	5	5	5	4	4
-48.75°	6	6	6	6	5	5	5	5	4	4	4
-50°	6	6	5	5	5	5	5	4	4	4	4
-51.25°	6	5	5	5	5	4	4	4	4	4	3
-52.5°	5	5	5	5	4	4	4	4	3	3	3
-53.75°	5	5	4	4	4	4	4	3	3	3	3
-55°	4	4	4	4	4	3	3	3	3	3	2
-56.25°	4	4	4	3	3	3	3	3	2	2	2
-57.5°	4	3	3	3	3	3	3	2	2	2	2
-58.75°	3	3	3	3	3	2	2	2	2	2	1
-60°	3	3	3	2	2	2	2	2	1	1	1
-61.25°	2	2	2	2	2	2	1	1	1	1	1
-62.5°	2	2	2	2	1	1	1	1	1	1	1
-63.75°	2	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	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°	1	1	1	1	1	1	0	0	0	0	0
60°	1	1	1	1	1	1	1	0	0	0	0
58.75°	1	1	1	1	1	1	1	1	0	0	0
57.5°	2	1	1	1	1	1	1	1	1	0	0
56.25°	2	2	1	1	1	1	1	1	1	1	0
55°	2	2	2	1	1	1	1	1	1	1	1
53.75°	2	2	2	2	1	1	1	1	1	1	1
52.5°	3	2	2	2	2	1	1	1	1	1	1
51.25°	3	3	2	2	2	2	1	1	1	1	1
50°	3	3	3	2	2	2	2	1	1	1	1
48.75°	4	3	3	3	2	2	2	2	1	1	1
47.5°	4	4	3	3	3	2	2	2	2	1	1
46.25°	4	4	4	3	3	3	2	2	2	1	1
45°	4	4	4	4	3	3	3	2	2	2	1
43.75°	5	4	4	4	3	3	3	2	2	2	1
42.5°	5	5	4	4	4	3	3	3	2	2	2
41.25°	5	5	5	4	4	4	3	3	3	2	2
40°	5	5	5	4	4	4	3	3	3	2	2
38.75°	6	5	5	5	4	4	4	3	3	3	2
37.5°	6	6	5	5	5	4	4	3	3	3	2
36.25°	6	6	5	5	5	4	4	4	3	3	3
35°	6	6	6	5	5	5	4	4	3	3	3



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	9	8	8	7	7	6	6	5	5	4	4
-23.75°	9	8	7	7	7	6	6	5	5	4	4
-25°	8	8	7	7	6	6	6	5	5	4	4
-26.25°	8	8	7	7	6	6	5	5	5	4	4
-27.5°	8	7	7	6	6	6	5	5	4	4	4
-28.75°	8	7	7	6	6	5	5	5	4	4	3
-30°	7	7	7	6	6	5	5	5	4	4	3
-31.25°	7	7	6	6	6	5	5	4	4	4	3
-32.5°	7	7	6	6	5	5	5	4	4	3	3
-33.75°	7	6	6	6	5	5	4	4	4	3	3
-35°	6	6	6	5	5	5	4	4	3	3	3
-36.25°	6	6	5	5	5	4	4	4	3	3	3
-37.5°	6	6	5	5	5	4	4	3	3	3	2
-38.75°	6	5	5	5	4	4	4	3	3	3	2
-40°	5	5	5	4	4	4	3	3	3	2	2
-41.25°	5	5	5	4	4	4	3	3	3	2	2
-42.5°	5	5	4	4	4	3	3	3	2	2	2
-43.75°	5	4	4	4	3	3	3	2	2	2	1
-45°	4	4	4	4	3	3	3	2	2	2	1
-46.25°	4	4	4	3	3	3	2	2	2	1	1
-47.5°	4	4	3	3	3	2	2	2	2	1	1
-48.75°	4	3	3	3	2	2	2	2	1	1	1
-50°	3	3	3	2	2	2	2	1	1	1	1
-51.25°	3	3	2	2	2	2	1	1	1	1	1
-52.5°	3	2	2	2	2	1	1	1	1	1	1
-53.75°	2	2	2	2	1	1	1	1	1	1	1
-55°	2	2	2	1	1	1	1	1	1	1	1
-56.25°	2	2	1	1	1	1	1	1	1	1	0
-57.5°	2	1	1	1	1	1	1	1	1	0	0
-58.75°	1	1	1	1	1	1	1	1	0	0	0
-60°	1	1	1	1	1	1	1	0	0	0	0
-61.25°	1	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	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°	1	1	1	1	0	0	0	0	0	0	0
46.25°	1	1	1	1	0	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	0	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°	2	1	1	1	1	1	0	0	0	0	0
38.75°	2	1	1	1	1	1	1	0	0	0	0
37.5°	2	2	1	1	1	1	1	0	0	0	0
36.25°	2	2	1	1	1	1	1	0	0	0	0
35°	2	2	1	1	1	1	1	1	0	0	0



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	2	2	2	1	1	1	1	1	0	0	0
32.5°	3	2	2	1	1	1	1	1	0	0	0
31.25°	3	2	2	1	1	1	1	1	0	0	0
30°	3	2	2	2	1	1	1	1	0	0	0
28.75°	3	3	2	2	1	1	1	1	1	0	0
27.5°	3	3	2	2	1	1	1	1	1	0	0
26.25°	3	3	2	2	1	1	1	1	1	0	0
25°	3	3	2	2	2	1	1	1	1	0	0
23.75°	3	3	3	2	2	1	1	1	1	0	0
22.5°	4	3	3	2	2	1	1	1	1	0	0
21.25°	4	3	3	2	2	1	1	1	1	1	0
20°	4	3	3	2	2	1	1	1	1	1	0
18.75°	4	3	3	2	2	1	1	1	1	1	0
17.5°	4	3	3	3	2	2	1	1	1	1	0
16.25°	4	4	3	3	2	2	1	1	1	1	0
15°	4	4	3	3	2	2	1	1	1	1	0
13.75°	4	4	3	3	2	2	1	1	1	1	0
12.5°	4	4	3	3	2	2	1	1	1	1	0
11.25°	4	4	3	3	2	2	1	1	1	1	0
10°	4	4	3	3	2	2	1	1	1	1	0
8.75°	4	4	3	3	2	2	1	1	1	1	0
7.5°	4	4	3	3	2	2	1	1	1	1	0
6.25°	4	4	3	3	2	2	1	1	1	1	0
5°	4	4	3	3	2	2	1	1	1	1	0
3.75°	4	4	3	3	2	2	1	1	1	1	0
2.5°	4	4	3	3	2	2	1	1	1	1	0
1.25°	4	4	3	3	2	2	1	1	1	1	0
0°	5	4	4	3	3	2	2	1	1	1	1
-1.25°	4	4	3	3	2	2	1	1	1	1	0
-2.5°	4	4	3	3	2	2	1	1	1	1	0
-3.75°	4	4	3	3	2	2	1	1	1	1	0
-5°	4	4	3	3	2	2	1	1	1	1	0
-6.25°	4	4	3	3	2	2	1	1	1	1	0
-7.5°	4	4	3	3	2	2	1	1	1	1	0
-8.75°	4	4	3	3	2	2	1	1	1	1	0
-10°	4	4	3	3	2	2	1	1	1	1	0
-11.25°	4	4	3	3	2	2	1	1	1	1	0
-12.5°	4	4	3	3	2	2	1	1	1	1	0
-13.75°	4	4	3	3	2	2	1	1	1	1	0
-15°	4	4	3	3	2	2	1	1	1	1	0
-16.25°	4	4	3	3	2	2	1	1	1	1	0
-17.5°	4	3	3	3	2	2	1	1	1	1	0
-18.75°	4	3	3	2	2	1	1	1	1	1	0
-20°	4	3	3	2	2	1	1	1	1	1	0
-21.25°	4	3	3	2	2	1	1	1	1	1	0



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	4	3	3	2	2	1	1	1	1	0	0
-23.75°	3	3	3	2	2	1	1	1	1	0	0
-25°	3	3	2	2	2	1	1	1	1	0	0
-26.25°	3	3	2	2	1	1	1	1	1	0	0
-27.5°	3	3	2	2	1	1	1	1	1	0	0
-28.75°	3	3	2	2	1	1	1	1	1	0	0
-30°	3	2	2	2	1	1	1	1	0	0	0
-31.25°	3	2	2	1	1	1	1	1	0	0	0
-32.5°	3	2	2	1	1	1	1	1	0	0	0
-33.75°	2	2	2	1	1	1	1	1	0	0	0
-35°	2	2	1	1	1	1	1	1	0	0	0
-36.25°	2	2	1	1	1	1	1	0	0	0	0
-37.5°	2	2	1	1	1	1	1	0	0	0	0
-38.75°	2	1	1	1	1	1	1	0	0	0	0
-40°	2	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	0	0	0	0	0	0
-45°	1	1	1	1	1	0	0	0	0	0	0
-46.25°	1	1	1	1	0	0	0	0	0	0	0
-47.5°	1	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	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: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29473 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)