

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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P29475 (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-W-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, WIDE FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 4000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

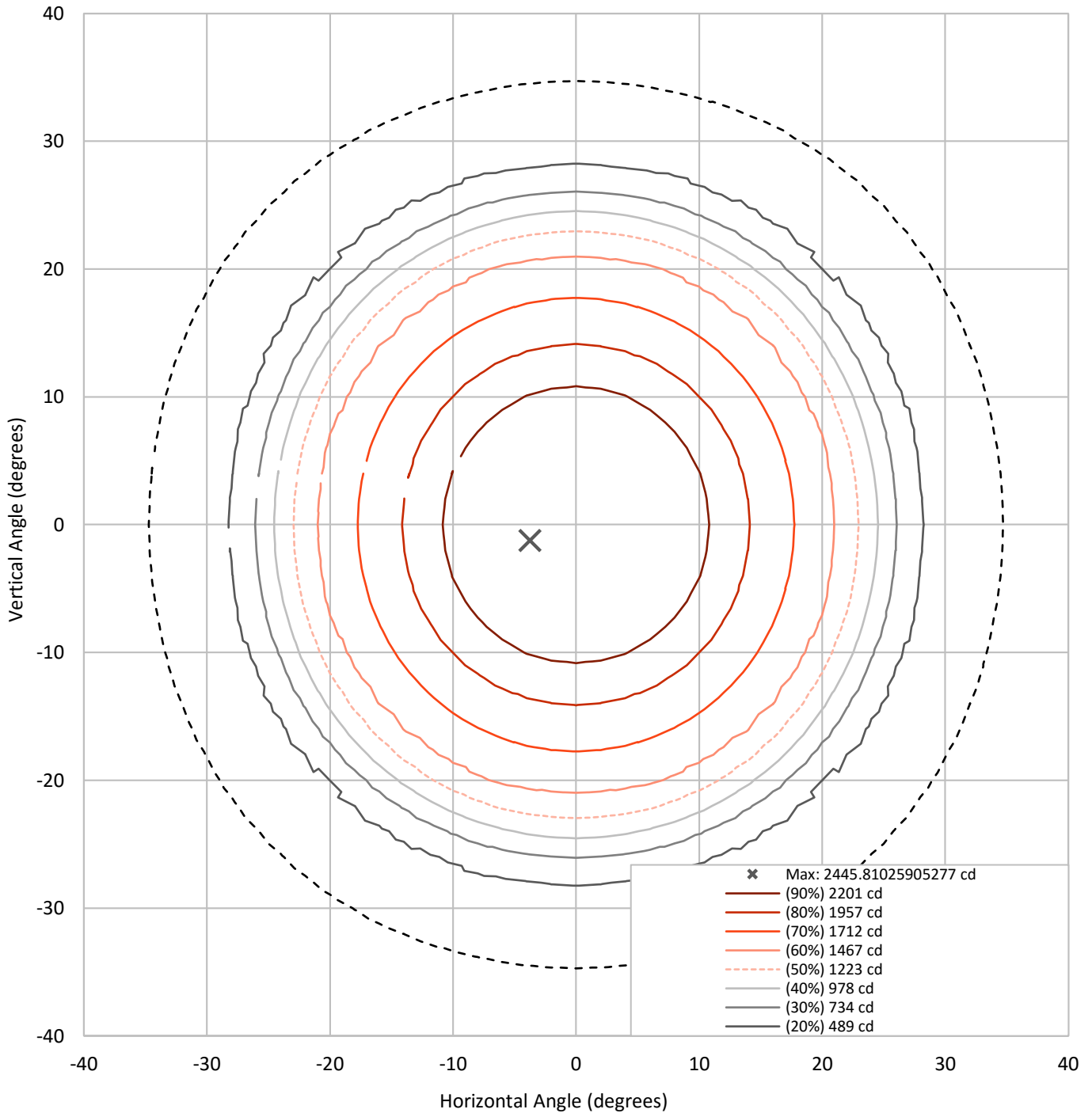
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1367.5 lumens	Max Intensity:	2445.8 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	68.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	46°H x 45.5°V	Field Angle (10%):	69.2°H x 69°V
Beam Lumens:	924.5 lumens	Field Lumens:	1253.1 lumens
Beam Efficiency:	67.6%	Field Efficiency:	91.6%

Input Watts (W): 20.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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

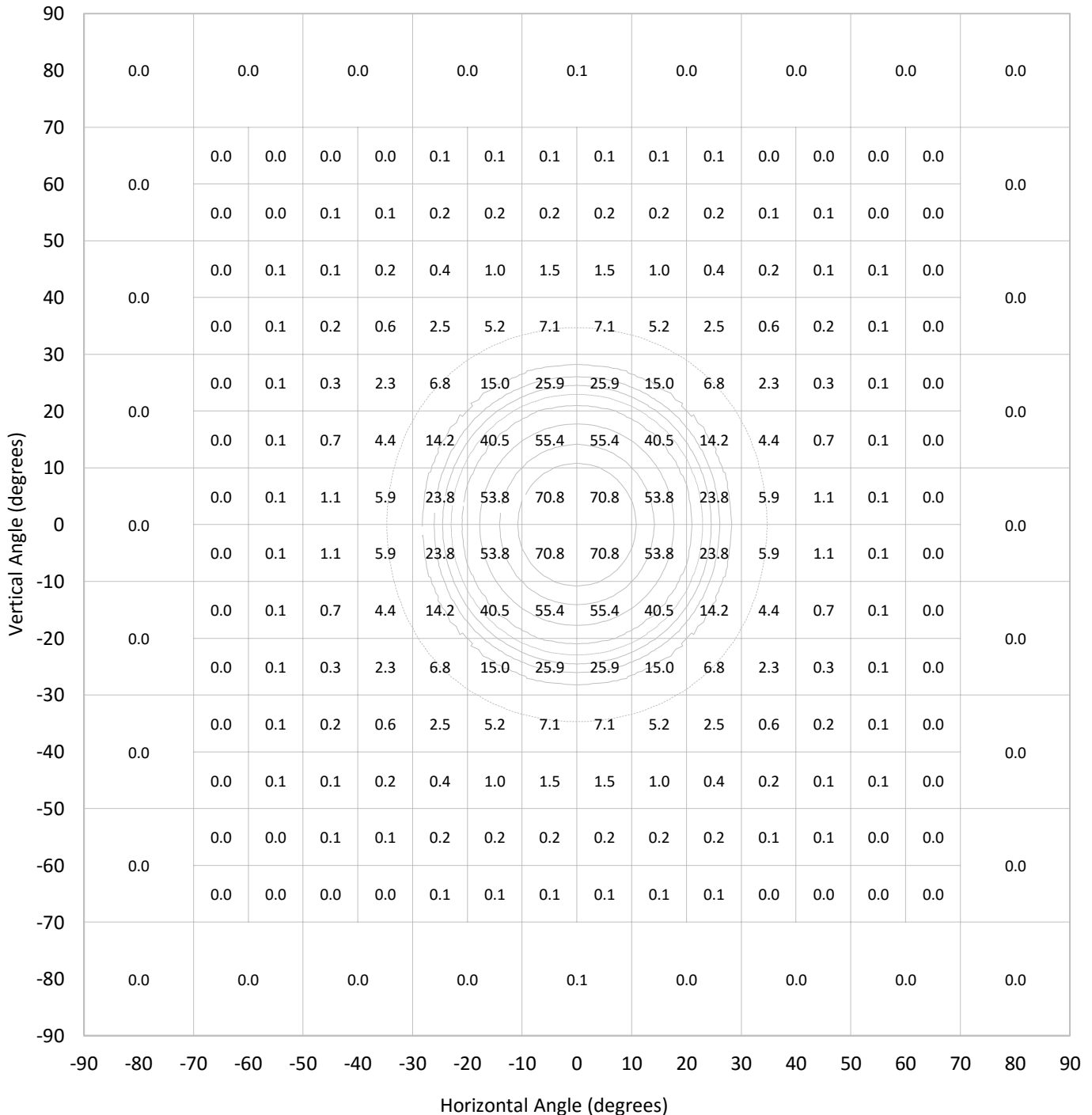
Iso-Candela Plot





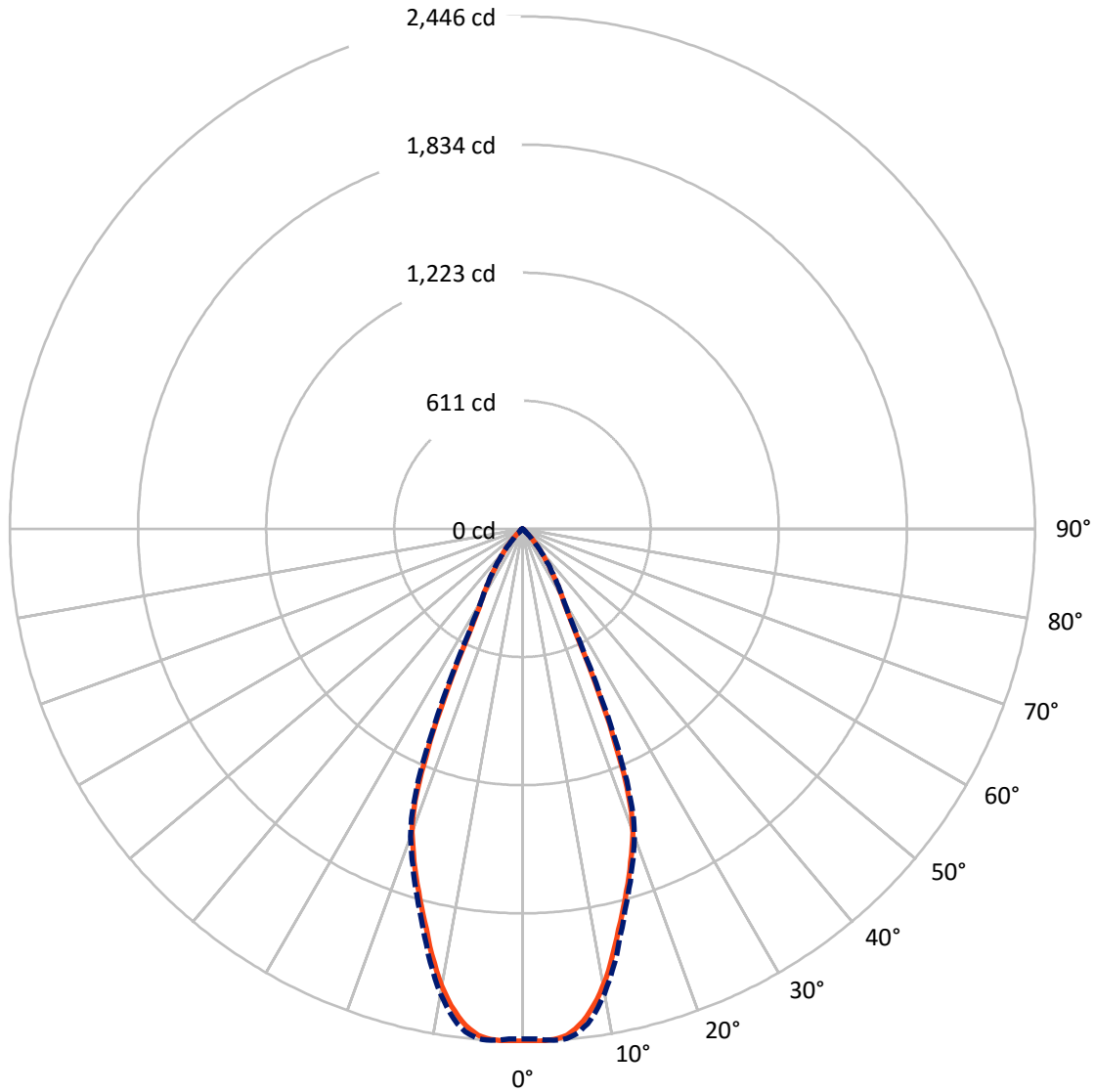
REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

Lumen Table



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

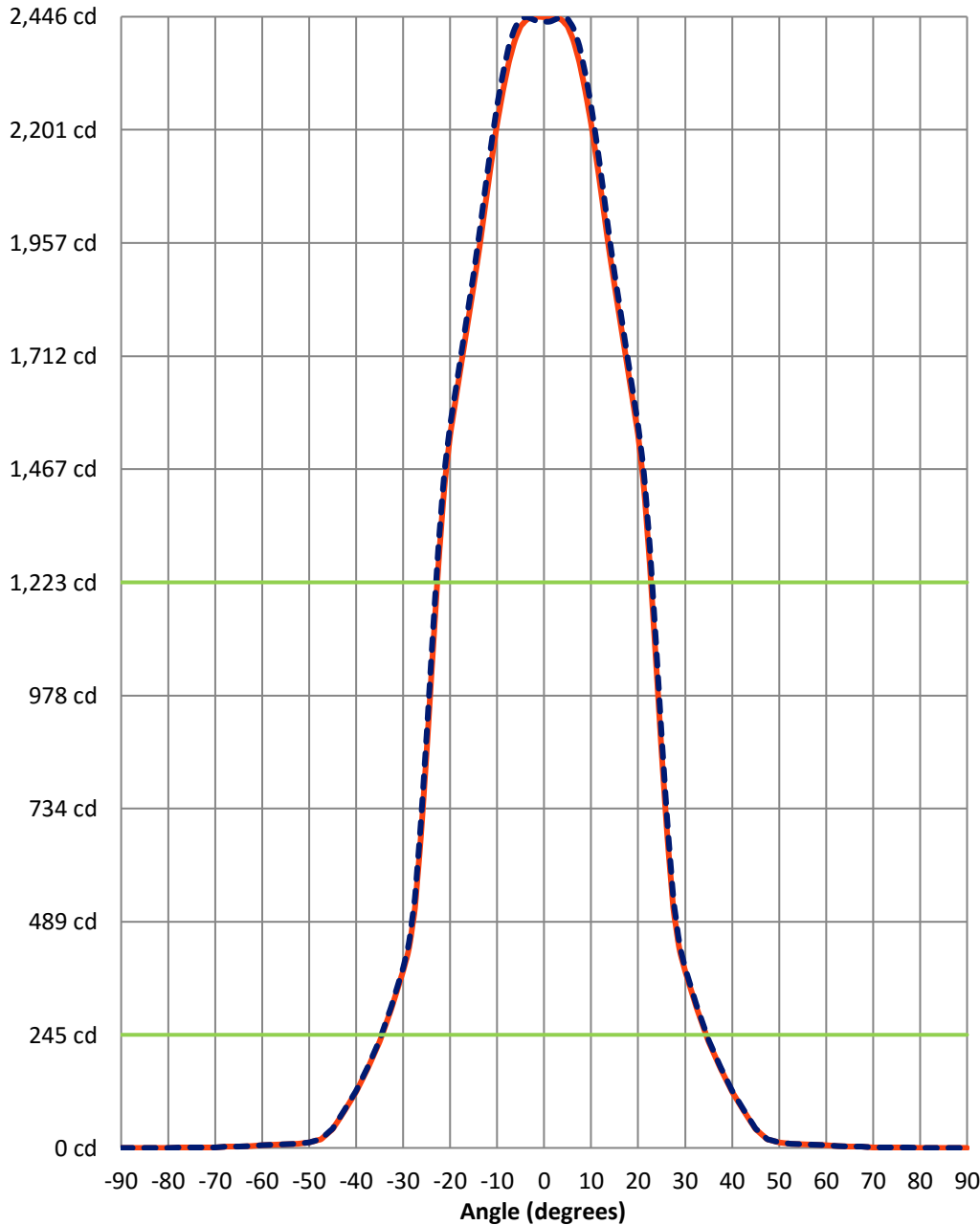
Luminous Intensity Polar Plot



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

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

Luminous Intensity Plot



Beam:
H Angle: 46°
V Angle: 45.5°
Lumens: 924.5
Efficiency: 67.6%

Field:
H Angle: 69.2°
V Angle: 69°
Lumens: 1253.1
Efficiency: 91.6%

Spill:
Lumens: 114.4
Efficiency: 8.4%

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



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0	0	0	0	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	1
23.75°	0	0	0	0	0	0	0	0	0	0	1
22.5°	0	0	0	0	0	0	0	0	0	0	1
21.25°	0	0	0	0	0	0	0	0	0	0	1
20°	0	0	0	0	0	0	0	0	0	0	1
18.75°	0	0	0	0	0	0	0	0	0	0	1
17.5°	0	0	0	0	0	0	0	0	0	0	1
16.25°	0	0	0	0	0	0	0	0	0	0	1
15°	0	0	0	0	0	0	0	0	0	0	1
13.75°	0	0	0	0	0	0	0	0	0	0	1
12.5°	0	0	0	0	0	0	0	0	0	0	1
11.25°	0	0	0	0	0	0	0	0	0	0	1
10°	0	0	0	0	0	0	0	0	0	0	1
8.75°	0	0	0	0	0	0	0	0	0	0	1
7.5°	0	0	0	0	0	0	0	0	0	0	1
6.25°	0	0	0	0	0	0	0	0	0	0	1
5°	0	0	0	0	0	0	0	0	0	0	1
3.75°	0	0	0	0	0	0	0	0	0	0	1
2.5°	0	0	0	0	0	0	0	0	0	0	1
1.25°	0	0	0	0	0	0	0	0	0	0	1
0°	0	0	0	0	0	0	0	0	0	1	1
-1.25°	0	0	0	0	0	0	0	0	0	1	1
-2.5°	0	0	0	0	0	0	0	0	0	0	1
-3.75°	0	0	0	0	0	0	0	0	0	0	1
-5°	0	0	0	0	0	0	0	0	0	0	1
-6.25°	0	0	0	0	0	0	0	0	0	0	1
-7.5°	0	0	0	0	0	0	0	0	0	0	1
-8.75°	0	0	0	0	0	0	0	0	0	0	1
-10°	0	0	0	0	0	0	0	0	0	0	1
-11.25°	0	0	0	0	0	0	0	0	0	0	1
-12.5°	0	0	0	0	0	0	0	0	0	0	1
-13.75°	0	0	0	0	0	0	0	0	0	0	1
-15°	0	0	0	0	0	0	0	0	0	0	1
-16.25°	0	0	0	0	0	0	0	0	0	0	1
-17.5°	0	0	0	0	0	0	0	0	0	0	1
-18.75°	0	0	0	0	0	0	0	0	0	0	1
-20°	0	0	0	0	0	0	0	0	0	0	1
-21.25°	0	0	0	0	0	0	0	0	0	0	1



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	0	0	0	0	0	0	1
-23.75°	0	0	0	0	0	0	0	0	0	0	1
-25°	0	0	0	0	0	0	0	0	0	0	1
-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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	1	1	1	1	1	1	1	2	2	3	3
-23.75°	1	1	1	1	1	1	1	1	2	3	3
-25°	1	1	1	1	1	1	1	1	2	3	3
-26.25°	1	1	1	1	1	1	1	1	2	3	3
-27.5°	1	1	1	1	1	1	1	1	2	3	3
-28.75°	1	1	1	1	1	1	1	1	2	2	3
-30°	1	1	1	1	1	1	1	1	1	2	3
-31.25°	1	1	1	1	1	1	1	1	1	2	3
-32.5°	1	1	1	1	1	1	1	1	1	2	3
-33.75°	1	1	1	1	1	1	1	1	1	1	2
-35°	0	1	1	1	1	1	1	1	1	1	2
-36.25°	0	1	1	1	1	1	1	1	1	1	2
-37.5°	0	1	1	1	1	1	1	1	1	1	1
-38.75°	0	1	1	1	1	1	1	1	1	1	1
-40°	0	1	1	1	1	1	1	1	1	1	1
-41.25°	0	0	1	1	1	1	1	1	1	1	1
-42.5°	0	0	1	1	1	1	1	1	1	1	1
-43.75°	0	0	1	1	1	1	1	1	1	1	1
-45°	0	0	1	1	1	1	1	1	1	1	1
-46.25°	0	0	0	1	1	1	1	1	1	1	1
-47.5°	0	0	0	1	1	1	1	1	1	1	1
-48.75°	0	0	0	1	1	1	1	1	1	1	1
-50°	0	0	0	0	1	1	1	1	1	1	1
-51.25°	0	0	0	0	1	1	1	1	1	1	1
-52.5°	0	0	0	0	1	1	1	1	1	1	1
-53.75°	0	0	0	0	0	1	1	1	1	1	1
-55°	0	0	0	0	0	1	1	1	1	1	1
-56.25°	0	0	0	0	0	0	1	1	1	1	1
-57.5°	0	0	0	0	0	0	0	1	1	1	1
-58.75°	0	0	0	0	0	0	0	1	1	1	1
-60°	0	0	0	0	0	0	0	0	1	1	1
-61.25°	0	0	0	0	0	0	0	0	0	1	1
-62.5°	0	0	0	0	0	0	0	0	0	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-78.75°	0	0	0	0	0	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	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	1	1	1
70°	0	0	0	0	0	0	1	1	1	1	1
68.75°	0	0	0	0	0	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°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	2
55°	1	1	1	1	1	1	1	1	1	2	2
53.75°	1	1	1	1	1	1	1	1	2	2	3
52.5°	1	1	1	1	1	1	1	2	2	3	3
51.25°	1	1	1	1	1	1	2	2	3	3	3
50°	1	1	1	1	1	2	2	3	3	3	3
48.75°	1	1	1	1	2	2	3	3	3	3	3
47.5°	1	1	1	1	2	3	3	3	3	3	3
46.25°	1	1	1	2	2	3	3	3	3	3	4
45°	1	1	2	2	3	3	3	3	3	4	4
43.75°	1	1	2	3	3	3	3	3	3	4	4
42.5°	1	2	2	3	3	3	3	3	4	4	5
41.25°	1	2	3	3	3	3	3	4	4	4	5
40°	2	2	3	3	3	3	3	4	4	5	6
38.75°	2	3	3	3	3	3	4	4	5	5	6
37.5°	2	3	3	3	3	3	4	4	5	6	6
36.25°	2	3	3	3	3	4	4	5	6	6	6
35°	3	3	3	3	3	4	4	5	6	6	7



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	3	3	3	3	4	4	5	6	6	7	7
32.5°	3	3	3	3	4	4	5	6	6	7	7
31.25°	3	3	3	4	4	5	5	6	7	7	7
30°	3	3	3	4	4	5	6	6	7	7	8
28.75°	3	3	3	4	4	5	6	6	7	7	8
27.5°	3	3	4	4	5	6	6	7	7	7	8
26.25°	3	3	4	4	5	6	6	7	7	8	8
25°	3	3	4	4	5	6	7	7	7	8	8
23.75°	3	3	4	5	6	6	7	7	8	8	8
22.5°	3	4	4	5	6	6	7	7	8	8	9
21.25°	3	4	4	5	6	6	7	7	8	8	9
20°	3	4	4	5	6	7	7	8	8	8	9
18.75°	3	4	5	6	6	7	7	8	8	9	9
17.5°	3	4	5	6	6	7	7	8	8	9	9
16.25°	4	4	5	6	6	7	7	8	8	9	10
15°	4	4	5	6	7	7	7	8	8	9	10
13.75°	4	4	5	6	7	7	8	8	9	9	10
12.5°	4	4	5	6	7	7	8	8	9	9	11
11.25°	4	5	5	6	7	7	8	8	9	9	11
10°	4	5	6	6	7	7	8	8	9	10	11
8.75°	4	5	6	6	7	7	8	8	9	10	11
7.5°	4	5	6	6	7	7	8	8	9	10	12
6.25°	4	5	6	6	7	7	8	8	9	10	12
5°	4	5	6	6	7	7	8	8	9	10	12
3.75°	4	5	6	6	7	7	8	8	9	10	12
2.5°	4	5	6	6	7	7	8	8	9	10	12
1.25°	4	5	6	6	7	7	8	8	9	10	12
0°	4	5	6	7	7	8	8	9	9	11	12
-1.25°	4	5	6	6	7	7	8	8	9	10	12
-2.5°	4	5	6	6	7	7	8	8	9	10	12
-3.75°	4	5	6	6	7	7	8	8	9	10	12
-5°	4	5	6	6	7	7	8	8	9	10	12
-6.25°	4	5	6	6	7	7	8	8	9	10	12
-7.5°	4	5	6	6	7	7	8	8	9	10	12
-8.75°	4	5	6	6	7	7	8	8	9	10	11
-10°	4	5	6	6	7	7	8	8	9	10	11
-11.25°	4	5	5	6	7	7	8	8	9	9	11
-12.5°	4	4	5	6	7	7	8	8	9	9	11
-13.75°	4	4	5	6	7	7	8	8	9	9	10
-15°	4	4	5	6	7	7	7	8	8	9	10
-16.25°	4	4	5	6	6	7	7	8	8	9	10
-17.5°	3	4	5	6	6	7	7	8	8	9	9
-18.75°	3	4	5	6	6	7	7	8	8	9	9
-20°	3	4	4	5	6	7	7	8	8	8	9
-21.25°	3	4	4	5	6	6	7	7	8	8	9



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	3	4	4	5	6	6	7	7	8	8	9
-23.75°	3	3	4	5	6	6	7	7	8	8	8
-25°	3	3	4	4	5	6	7	7	7	8	8
-26.25°	3	3	4	4	5	6	6	7	7	8	8
-27.5°	3	3	4	4	5	6	6	7	7	7	8
-28.75°	3	3	3	4	4	5	6	6	7	7	8
-30°	3	3	3	4	4	5	6	6	7	7	8
-31.25°	3	3	3	4	4	5	5	6	7	7	7
-32.5°	3	3	3	3	4	4	5	6	6	7	7
-33.75°	3	3	3	3	4	4	5	6	6	7	7
-35°	3	3	3	3	3	4	4	5	6	6	7
-36.25°	2	3	3	3	3	4	4	5	6	6	6
-37.5°	2	3	3	3	3	3	4	4	5	6	6
-38.75°	2	3	3	3	3	3	4	4	5	5	6
-40°	2	2	3	3	3	3	3	4	4	5	6
-41.25°	1	2	3	3	3	3	3	4	4	4	5
-42.5°	1	2	2	3	3	3	3	3	4	4	5
-43.75°	1	1	2	3	3	3	3	3	3	4	4
-45°	1	1	2	2	3	3	3	3	3	4	4
-46.25°	1	1	1	2	2	3	3	3	3	3	4
-47.5°	1	1	1	1	2	3	3	3	3	3	3
-48.75°	1	1	1	1	2	2	3	3	3	3	3
-50°	1	1	1	1	1	2	2	3	3	3	3
-51.25°	1	1	1	1	1	1	2	2	3	3	3
-52.5°	1	1	1	1	1	1	1	2	2	3	3
-53.75°	1	1	1	1	1	1	1	1	2	2	3
-55°	1	1	1	1	1	1	1	1	1	2	2
-56.25°	1	1	1	1	1	1	1	1	1	1	2
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	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	0	0	1	1	1	1	1	1
-70°	0	0	0	0	0	0	1	1	1	1	1
-71.25°	0	0	0	0	0	0	0	0	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-78.75°	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	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	1	1	1	1
73.75°	0	0	0	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	2
62.5°	1	1	1	1	1	1	1	2	2	2	2
61.25°	1	1	1	1	1	2	2	2	3	3	3
60°	1	1	1	2	2	2	3	3	3	3	3
58.75°	1	1	2	2	3	3	3	3	3	3	3
57.5°	2	2	2	3	3	3	3	3	3	3	3
56.25°	2	3	3	3	3	3	3	3	3	3	4
55°	3	3	3	3	3	3	3	3	4	4	4
53.75°	3	3	3	3	3	3	4	4	4	4	5
52.5°	3	3	3	3	3	4	4	4	5	5	6
51.25°	3	3	3	4	4	4	4	5	5	6	6
50°	3	3	4	4	4	5	5	6	6	6	6
48.75°	3	4	4	4	5	5	6	6	6	7	7
47.5°	4	4	4	5	5	6	6	6	7	7	7
46.25°	4	4	5	5	6	6	7	7	7	7	8
45°	4	5	5	6	6	7	7	7	7	8	8
43.75°	5	5	6	6	7	7	7	7	8	8	8
42.5°	5	6	6	7	7	7	7	8	8	8	9
41.25°	6	6	7	7	7	7	8	8	8	9	9
40°	6	6	7	7	7	8	8	8	9	9	10
38.75°	6	7	7	7	8	8	8	9	9	10	11
37.5°	7	7	7	8	8	8	9	9	10	11	12
36.25°	7	7	8	8	8	9	9	10	11	12	14
35°	7	7	8	8	9	9	10	11	12	13	16



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	7	8	8	8	9	9	10	11	13	16	18
32.5°	8	8	8	9	9	10	11	13	15	18	22
31.25°	8	8	8	9	10	11	12	15	17	21	29
30°	8	8	9	9	10	12	14	16	19	27	36
28.75°	8	9	9	10	11	13	15	18	25	33	42
27.5°	8	9	9	11	12	14	17	22	31	39	53
26.25°	9	9	10	11	13	16	19	27	36	48	63
25°	9	9	11	12	15	17	23	33	42	58	73
23.75°	9	10	11	13	16	19	28	38	51	67	83
22.5°	9	10	12	14	17	23	33	43	60	76	93
21.25°	10	11	12	15	18	27	37	51	68	85	103
20°	10	11	13	17	21	31	42	59	76	94	112
18.75°	10	12	15	18	25	35	48	66	84	102	120
17.5°	11	12	16	19	29	39	55	73	91	110	130
16.25°	11	13	16	21	32	43	61	80	98	117	139
15°	11	14	17	24	35	49	67	86	105	125	148
13.75°	12	15	18	27	38	54	73	92	111	133	157
12.5°	12	16	19	30	41	59	78	97	117	140	164
11.25°	13	16	21	32	44	63	82	102	122	147	171
10°	13	17	23	34	48	67	86	107	128	153	178
8.75°	14	17	25	36	51	70	90	111	133	158	184
7.5°	14	18	26	38	54	73	94	114	137	163	190
6.25°	15	18	28	39	56	76	97	117	141	167	194
5°	15	18	29	40	58	78	99	120	144	170	198
3.75°	15	19	29	41	60	80	101	122	147	173	201
2.5°	15	19	30	41	61	81	102	123	149	175	203
1.25°	15	19	30	42	62	82	103	124	150	176	205
0°	16	19	30	42	62	82	103	124	150	176	205
-1.25°	15	19	30	42	62	82	103	124	150	176	205
-2.5°	15	19	30	41	61	81	102	123	149	175	203
-3.75°	15	19	29	41	60	80	101	122	147	173	201
-5°	15	18	29	40	58	78	99	120	144	170	198
-6.25°	15	18	28	39	56	76	97	117	141	167	194
-7.5°	14	18	26	38	54	73	94	114	137	163	190
-8.75°	14	17	25	36	51	70	90	111	133	158	184
-10°	13	17	23	34	48	67	86	107	128	153	178
-11.25°	13	16	21	32	44	63	82	102	122	147	171
-12.5°	12	16	19	30	41	59	78	97	117	140	164
-13.75°	12	15	18	27	38	54	73	92	111	133	157
-15°	11	14	17	24	35	49	67	86	105	125	148
-16.25°	11	13	16	21	32	43	61	80	98	117	139
-17.5°	11	12	16	19	29	39	55	73	91	110	130
-18.75°	10	12	15	18	25	35	48	66	84	102	120
-20°	10	11	13	17	21	31	42	59	76	94	112
-21.25°	10	11	12	15	18	27	37	51	68	85	103



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	9	10	12	14	17	23	33	43	60	76	93
-23.75°	9	10	11	13	16	19	28	38	51	67	83
-25°	9	9	11	12	15	17	23	33	42	58	73
-26.25°	9	9	10	11	13	16	19	27	36	48	63
-27.5°	8	9	9	11	12	14	17	22	31	39	53
-28.75°	8	9	9	10	11	13	15	18	25	33	42
-30°	8	8	9	9	10	12	14	16	19	27	36
-31.25°	8	8	8	9	10	11	12	15	17	21	29
-32.5°	8	8	8	9	9	10	11	13	15	18	22
-33.75°	7	8	8	8	9	9	10	11	13	16	18
-35°	7	7	8	8	9	9	10	11	12	13	16
-36.25°	7	7	8	8	8	9	9	10	11	12	14
-37.5°	7	7	7	8	8	8	9	9	10	11	12
-38.75°	6	7	7	7	8	8	8	9	9	10	11
-40°	6	6	7	7	7	8	8	8	9	9	10
-41.25°	6	6	7	7	7	7	8	8	8	9	9
-42.5°	5	6	6	7	7	7	7	8	8	8	9
-43.75°	5	5	6	6	7	7	7	7	8	8	8
-45°	4	5	5	6	6	7	7	7	7	8	8
-46.25°	4	4	5	5	6	6	7	7	7	7	8
-47.5°	4	4	4	5	5	6	6	6	7	7	7
-48.75°	3	4	4	4	5	5	6	6	6	7	7
-50°	3	3	4	4	4	5	5	6	6	6	6
-51.25°	3	3	3	4	4	4	4	5	5	6	6
-52.5°	3	3	3	3	3	4	4	4	5	5	6
-53.75°	3	3	3	3	3	3	4	4	4	4	5
-55°	3	3	3	3	3	3	3	3	4	4	4
-56.25°	2	3	3	3	3	3	3	3	3	3	4
-57.5°	2	2	2	3	3	3	3	3	3	3	3
-58.75°	1	1	2	2	3	3	3	3	3	3	3
-60°	1	1	1	2	2	2	3	3	3	3	3
-61.25°	1	1	1	1	1	2	2	2	3	3	3
-62.5°	1	1	1	1	1	1	1	2	2	2	2
-63.75°	1	1	1	1	1	1	1	1	1	1	2
-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°	0	0	0	1	1	1	1	1	1	1	1
-75°	0	0	0	0	0	0	0	1	1	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-78.75°	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	1	1	1
76.25°	0	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	2
66.25°	1	1	1	1	1	2	2	2	2	2	2
65°	1	1	2	2	2	2	3	3	3	3	3
63.75°	2	2	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	4
60°	3	3	3	3	3	3	4	4	4	4	4
58.75°	3	3	3	4	4	4	4	4	4	5	5
57.5°	3	4	4	4	4	4	5	5	5	6	6
56.25°	4	4	4	5	5	5	6	6	6	6	6
55°	4	5	5	5	6	6	6	6	7	7	7
53.75°	5	6	6	6	6	6	7	7	7	7	7
52.5°	6	6	6	7	7	7	7	7	7	8	8
51.25°	6	7	7	7	7	7	7	8	8	8	8
50°	7	7	7	7	8	8	8	8	8	8	9
48.75°	7	7	8	8	8	8	8	9	9	9	9
47.5°	7	8	8	8	8	9	9	9	9	10	10
46.25°	8	8	8	8	9	9	9	10	11	11	12
45°	8	8	9	9	9	10	11	11	12	13	14
43.75°	9	9	9	10	10	11	12	13	15	16	17
42.5°	9	9	10	11	12	13	14	16	17	19	23
41.25°	10	10	11	12	14	15	17	19	23	28	33
40°	11	11	13	15	16	18	22	27	33	38	43
38.75°	12	13	15	17	19	25	31	36	42	51	60
37.5°	13	16	18	21	27	33	39	48	58	67	76
36.25°	16	18	22	29	36	42	53	63	73	83	93
35°	18	23	30	37	45	56	68	78	89	100	110

REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	23	30	38	47	59	71	82	94	106	117	128
32.5°	30	38	47	60	73	85	98	110	121	135	149
31.25°	37	47	60	73	86	100	113	125	140	155	169
30°	45	59	73	86	100	114	128	144	160	175	191
28.75°	56	71	85	100	114	129	146	162	179	196	213
27.5°	68	82	98	113	128	146	163	181	199	217	235
26.25°	78	94	110	125	144	162	181	200	219	239	262
25°	89	106	121	140	160	179	199	219	241	265	288
23.75°	100	117	135	155	175	196	217	239	265	290	315
22.5°	110	128	149	169	191	213	235	262	288	315	344
21.25°	120	141	162	184	207	229	256	284	312	342	371
20°	131	153	174	198	222	248	277	305	337	368	399
18.75°	142	164	188	212	237	267	296	328	361	393	430
17.5°	153	175	200	225	254	285	316	350	384	421	475
16.25°	163	187	212	239	270	302	336	371	408	458	542
15°	172	198	224	253	286	319	355	391	434	504	621
13.75°	181	208	234	267	300	336	373	413	470	570	712
12.5°	190	217	246	280	314	352	390	435	514	643	805
11.25°	198	226	258	292	328	367	407	465	568	718	893
10°	206	233	268	302	341	380	423	493	624	793	979
8.75°	212	242	277	313	352	392	443	535	682	862	1056
7.5°	218	249	285	322	362	404	463	572	734	924	1122
6.25°	223	256	292	330	371	414	480	606	782	979	1179
5°	227	261	297	337	378	422	498	640	823	1025	1226
3.75°	230	265	301	342	383	430	517	667	855	1061	1260
2.5°	232	268	305	346	387	437	531	687	878	1087	1284
1.25°	234	270	306	348	389	442	540	699	892	1102	1299
0°	234	271	307	349	390	443	543	703	897	1107	1304
-1.25°	234	271	307	349	390	443	543	703	897	1107	1304
-2.5°	232	268	305	346	387	437	531	687	878	1087	1284
-3.75°	230	265	301	342	383	430	517	667	855	1061	1260
-5°	227	261	297	337	378	422	498	640	823	1025	1226
-6.25°	223	256	292	330	371	414	480	606	782	979	1179
-7.5°	218	249	285	322	362	404	463	572	734	924	1122
-8.75°	212	242	277	313	352	392	443	535	682	862	1056
-10°	206	233	268	302	341	380	423	493	624	793	979
-11.25°	198	226	258	292	328	367	407	465	568	718	893
-12.5°	190	217	246	280	314	352	390	435	514	643	805
-13.75°	181	208	234	267	300	336	373	413	470	570	712
-15°	172	198	224	253	286	319	355	391	434	504	621
-16.25°	163	187	212	239	270	302	336	371	408	458	542
-17.5°	153	175	200	225	254	285	316	350	384	421	475
-18.75°	142	164	188	212	237	267	296	328	361	393	430
-20°	131	153	174	198	222	248	277	305	337	368	399
-21.25°	120	141	162	184	207	229	256	284	312	342	371



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	110	128	149	169	191	213	235	262	288	315	344
-23.75°	100	117	135	155	175	196	217	239	265	290	315
-25°	89	106	121	140	160	179	199	219	241	265	288
-26.25°	78	94	110	125	144	162	181	200	219	239	262
-27.5°	68	82	98	113	128	146	163	181	199	217	235
-28.75°	56	71	85	100	114	129	146	162	179	196	213
-30°	45	59	73	86	100	114	128	144	160	175	191
-31.25°	37	47	60	73	86	100	113	125	140	155	169
-32.5°	30	38	47	60	73	85	98	110	121	135	149
-33.75°	23	30	38	47	59	71	82	94	106	117	128
-35°	18	23	30	37	45	56	68	78	89	100	110
-36.25°	16	18	22	29	36	42	53	63	73	83	93
-37.5°	13	16	18	21	27	33	39	48	58	67	76
-38.75°	12	13	15	17	19	25	31	36	42	51	60
-40°	11	11	13	15	16	18	22	27	33	38	43
-41.25°	10	10	11	12	14	15	17	19	23	28	33
-42.5°	9	9	10	11	12	13	14	16	17	19	23
-43.75°	9	9	9	10	10	11	12	13	15	16	17
-45°	8	8	9	9	9	10	11	11	12	13	14
-46.25°	8	8	8	8	9	9	9	10	11	11	12
-47.5°	7	8	8	8	8	9	9	9	9	10	10
-48.75°	7	7	8	8	8	8	8	9	9	9	9
-50°	7	7	7	7	8	8	8	8	8	8	9
-51.25°	6	7	7	7	7	7	7	8	8	8	8
-52.5°	6	6	6	7	7	7	7	7	7	8	8
-53.75°	5	6	6	6	6	6	7	7	7	7	7
-55°	4	5	5	5	6	6	6	6	7	7	7
-56.25°	4	4	4	5	5	5	6	6	6	6	6
-57.5°	3	4	4	4	4	4	5	5	5	6	6
-58.75°	3	3	3	4	4	4	4	4	4	5	5
-60°	3	3	3	3	3	3	4	4	4	4	4
-61.25°	3	3	3	3	3	3	3	3	3	3	4
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	2	2	3	3	3	3	3	3	3	3	3
-65°	1	1	2	2	2	2	3	3	3	3	3
-66.25°	1	1	1	1	1	2	2	2	2	2	2
-67.5°	1	1	1	1	1	1	1	1	1	1	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	0	1	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	0	0	1	1	1



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-78.75°	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	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	2	2	2	2
67.5°	2	2	2	2	2	2	2	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	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	5	5	5
60°	4	4	5	5	5	5	5	5	5	6	6
58.75°	5	5	6	6	6	6	6	6	6	6	6
57.5°	6	6	6	6	6	7	7	7	7	7	7
56.25°	6	7	7	7	7	7	7	7	7	7	7
55°	7	7	7	7	7	7	8	8	8	8	8
53.75°	7	8	8	8	8	8	8	8	8	8	8
52.5°	8	8	8	8	8	8	9	9	9	9	9
51.25°	8	8	9	9	9	9	9	9	9	10	10
50°	9	9	9	9	10	10	10	11	11	11	11
48.75°	10	10	10	11	11	11	12	12	13	13	14
47.5°	11	11	12	12	13	14	15	16	16	17	17
46.25°	12	13	15	16	16	17	18	19	21	23	25
45°	15	17	18	19	21	24	27	30	32	34	36
43.75°	18	21	25	29	32	35	38	41	44	48	51
42.5°	27	31	35	39	43	49	54	59	63	67	70
41.25°	37	42	48	55	61	67	73	78	82	86	90
40°	51	59	66	73	80	86	92	97	102	107	111
38.75°	68	76	84	91	98	105	111	117	122	128	133
37.5°	85	94	102	110	117	125	133	140	147	153	158
36.25°	103	112	120	130	139	148	157	164	171	178	184
35°	120	131	142	153	163	172	181	190	198	206	212



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	141	153	164	175	187	198	208	217	226	233	242
32.5°	162	174	188	200	212	224	234	246	258	268	277
31.25°	184	198	212	225	239	253	267	280	292	302	313
30°	207	222	237	254	270	286	300	314	328	341	352
28.75°	229	248	267	285	302	319	336	352	367	380	392
27.5°	256	277	296	316	336	355	373	390	407	423	443
26.25°	284	305	328	350	371	391	413	435	465	493	535
25°	312	337	361	384	408	434	470	514	568	624	682
23.75°	342	368	393	421	458	504	570	643	718	793	862
22.5°	371	399	430	475	542	621	712	805	893	979	1056
21.25°	401	437	486	567	664	768	875	980	1079	1166	1243
20°	437	490	580	690	808	928	1047	1156	1254	1339	1407
18.75°	486	580	699	828	961	1092	1212	1318	1406	1474	1520
17.5°	567	690	828	973	1114	1245	1361	1448	1514	1559	1597
16.25°	664	808	961	1114	1255	1382	1474	1536	1586	1629	1670
15°	768	928	1092	1245	1382	1483	1548	1602	1652	1698	1741
13.75°	875	1047	1212	1361	1474	1548	1607	1663	1716	1765	1812
12.5°	980	1156	1318	1448	1536	1602	1663	1722	1778	1832	1879
11.25°	1079	1254	1406	1514	1586	1652	1716	1778	1838	1892	1949
10°	1166	1339	1474	1559	1629	1698	1765	1832	1892	1956	2023
8.75°	1243	1407	1520	1597	1670	1741	1812	1879	1949	2023	2093
7.5°	1307	1458	1555	1630	1705	1779	1853	1925	2004	2083	2156
6.25°	1363	1499	1583	1660	1736	1814	1888	1968	2055	2136	2210
5°	1401	1522	1605	1684	1762	1842	1920	2008	2097	2181	2255
3.75°	1429	1541	1623	1703	1784	1864	1947	2040	2131	2215	2287
2.5°	1449	1554	1636	1717	1799	1880	1966	2063	2155	2239	2310
1.25°	1461	1562	1644	1726	1809	1890	1979	2077	2170	2254	2324
0°	1465	1565	1647	1729	1812	1893	1984	2082	2175	2259	2329
-1.25°	1461	1562	1644	1726	1809	1890	1979	2077	2170	2254	2324
-2.5°	1449	1554	1636	1717	1799	1880	1966	2063	2155	2239	2310
-3.75°	1429	1541	1623	1703	1784	1864	1947	2040	2131	2215	2287
-5°	1401	1522	1605	1684	1762	1842	1920	2008	2097	2181	2255
-6.25°	1363	1499	1583	1660	1736	1814	1888	1968	2055	2136	2210
-7.5°	1307	1458	1555	1630	1705	1779	1853	1925	2004	2083	2156
-8.75°	1243	1407	1520	1597	1670	1741	1812	1879	1949	2023	2093
-10°	1166	1339	1474	1559	1629	1698	1765	1832	1892	1956	2023
-11.25°	1079	1254	1406	1514	1586	1652	1716	1778	1838	1892	1949
-12.5°	980	1156	1318	1448	1536	1602	1663	1722	1778	1832	1879
-13.75°	875	1047	1212	1361	1474	1548	1607	1663	1716	1765	1812
-15°	768	928	1092	1245	1382	1483	1548	1602	1652	1698	1741
-16.25°	664	808	961	1114	1255	1382	1474	1536	1586	1629	1670
-17.5°	567	690	828	973	1114	1245	1361	1448	1514	1559	1597
-18.75°	486	580	699	828	961	1092	1212	1318	1406	1474	1520
-20°	437	490	580	690	808	928	1047	1156	1254	1339	1407
-21.25°	401	437	486	567	664	768	875	980	1079	1166	1243



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	371	399	430	475	542	621	712	805	893	979	1056
-23.75°	342	368	393	421	458	504	570	643	718	793	862
-25°	312	337	361	384	408	434	470	514	568	624	682
-26.25°	284	305	328	350	371	391	413	435	465	493	535
-27.5°	256	277	296	316	336	355	373	390	407	423	443
-28.75°	229	248	267	285	302	319	336	352	367	380	392
-30°	207	222	237	254	270	286	300	314	328	341	352
-31.25°	184	198	212	225	239	253	267	280	292	302	313
-32.5°	162	174	188	200	212	224	234	246	258	268	277
-33.75°	141	153	164	175	187	198	208	217	226	233	242
-35°	120	131	142	153	163	172	181	190	198	206	212
-36.25°	103	112	120	130	139	148	157	164	171	178	184
-37.5°	85	94	102	110	117	125	133	140	147	153	158
-38.75°	68	76	84	91	98	105	111	117	122	128	133
-40°	51	59	66	73	80	86	92	97	102	107	111
-41.25°	37	42	48	55	61	67	73	78	82	86	90
-42.5°	27	31	35	39	43	49	54	59	63	67	70
-43.75°	18	21	25	29	32	35	38	41	44	48	51
-45°	15	17	18	19	21	24	27	30	32	34	36
-46.25°	12	13	15	16	16	17	18	19	21	23	25
-47.5°	11	11	12	12	13	14	15	16	16	17	17
-48.75°	10	10	10	11	11	11	12	12	13	13	14
-50°	9	9	9	9	10	10	10	11	11	11	11
-51.25°	8	8	9	9	9	9	9	9	9	10	10
-52.5°	8	8	8	8	8	8	9	9	9	9	9
-53.75°	7	8	8	8	8	8	8	8	8	8	8
-55°	7	7	7	7	7	7	8	8	8	8	8
-56.25°	6	7	7	7	7	7	7	7	7	7	7
-57.5°	6	6	6	6	6	7	7	7	7	7	7
-58.75°	5	5	6	6	6	6	6	6	6	6	6
-60°	4	4	5	5	5	5	5	5	5	6	6
-61.25°	4	4	4	4	4	4	4	4	5	5	5
-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°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	2	2	2	2	2	2	2	3	3	3	3
-68.75°	1	1	1	1	1	1	1	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-78.75°	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	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	1	0	0	0	0
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	2	2	2	2
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
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°	5	5	5	5	5	5	5	5	5	5	5
60°	6	6	6	6	6	6	6	6	6	6	6
58.75°	6	6	6	6	6	6	7	6	6	6	6
57.5°	7	7	7	7	7	7	7	7	7	7	7
56.25°	7	7	7	7	7	7	8	7	7	7	7
55°	8	8	8	8	8	8	8	8	8	8	8
53.75°	8	8	8	8	8	8	9	8	8	8	8
52.5°	9	9	9	9	9	9	9	9	9	9	9
51.25°	10	10	10	10	10	10	11	10	10	10	10
50°	12	12	12	12	12	12	12	12	12	12	12
48.75°	14	15	15	15	15	15	16	15	15	15	15
47.5°	18	18	18	19	19	19	19	19	19	19	18
46.25°	26	28	29	29	30	30	30	30	30	29	29
45°	38	39	40	41	41	42	42	42	41	41	40
43.75°	54	56	58	60	61	62	62	62	61	60	58
42.5°	73	76	78	80	81	82	82	82	81	80	78
41.25°	94	97	99	101	102	103	103	103	102	101	99
40°	114	117	120	122	123	124	124	124	123	122	120
38.75°	137	141	144	147	149	150	150	150	149	147	144
37.5°	163	167	170	173	175	176	176	176	175	173	170
36.25°	190	194	198	201	203	205	205	205	203	201	198
35°	218	223	227	230	232	234	234	234	232	230	227



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	249	256	261	265	268	270	271	270	268	265	261
32.5°	285	292	297	301	305	306	307	306	305	301	297
31.25°	322	330	337	342	346	348	349	348	346	342	337
30°	362	371	378	383	387	389	390	389	387	383	378
28.75°	404	414	422	430	437	442	443	442	437	430	422
27.5°	463	480	498	517	531	540	543	540	531	517	498
26.25°	572	606	640	667	687	699	703	699	687	667	640
25°	734	782	823	855	878	892	897	892	878	855	823
23.75°	924	979	1025	1061	1087	1102	1107	1102	1087	1061	1025
22.5°	1122	1179	1226	1260	1284	1299	1304	1299	1284	1260	1226
21.25°	1307	1363	1401	1429	1449	1461	1465	1461	1449	1429	1401
20°	1458	1499	1522	1541	1554	1562	1565	1562	1554	1541	1522
18.75°	1555	1583	1605	1623	1636	1644	1647	1644	1636	1623	1605
17.5°	1630	1660	1684	1703	1717	1726	1729	1726	1717	1703	1684
16.25°	1705	1736	1762	1784	1799	1809	1812	1809	1799	1784	1762
15°	1779	1814	1842	1864	1880	1890	1893	1890	1880	1864	1842
13.75°	1853	1888	1920	1947	1966	1979	1984	1979	1966	1947	1920
12.5°	1925	1968	2008	2040	2063	2077	2082	2077	2063	2040	2008
11.25°	2004	2055	2097	2131	2155	2170	2175	2170	2155	2131	2097
10°	2083	2136	2181	2215	2239	2254	2259	2254	2239	2215	2181
8.75°	2156	2210	2255	2287	2310	2324	2329	2324	2310	2287	2255
7.5°	2220	2273	2316	2348	2371	2382	2387	2382	2371	2348	2316
6.25°	2273	2325	2367	2395	2413	2422	2425	2422	2413	2395	2367
5°	2316	2367	2403	2425	2436	2441	2443	2441	2436	2425	2403
3.75°	2348	2395	2425	2439	2444	2446	2445	2446	2444	2439	2425
2.5°	2371	2413	2436	2444	2444	2441	2439	2441	2444	2444	2436
1.25°	2382	2422	2441	2446	2441	2435	2435	2435	2441	2446	2441
0°	2387	2425	2443	2445	2439	2435	2442	2435	2439	2445	2443
-1.25°	2382	2422	2441	2446	2441	2435	2435	2435	2441	2446	2441
-2.5°	2371	2413	2436	2444	2444	2441	2439	2441	2444	2444	2436
-3.75°	2348	2395	2425	2439	2444	2446	2445	2446	2444	2439	2425
-5°	2316	2367	2403	2425	2436	2441	2443	2441	2436	2425	2403
-6.25°	2273	2325	2367	2395	2413	2422	2425	2422	2413	2395	2367
-7.5°	2220	2273	2316	2348	2371	2382	2387	2382	2371	2348	2316
-8.75°	2156	2210	2255	2287	2310	2324	2329	2324	2310	2287	2255
-10°	2083	2136	2181	2215	2239	2254	2259	2254	2239	2215	2181
-11.25°	2004	2055	2097	2131	2155	2170	2175	2170	2155	2131	2097
-12.5°	1925	1968	2008	2040	2063	2077	2082	2077	2063	2040	2008
-13.75°	1853	1888	1920	1947	1966	1979	1984	1979	1966	1947	1920
-15°	1779	1814	1842	1864	1880	1890	1893	1890	1880	1864	1842
-16.25°	1705	1736	1762	1784	1799	1809	1812	1809	1799	1784	1762
-17.5°	1630	1660	1684	1703	1717	1726	1729	1726	1717	1703	1684
-18.75°	1555	1583	1605	1623	1636	1644	1647	1644	1636	1623	1605
-20°	1458	1499	1522	1541	1554	1562	1565	1562	1554	1541	1522
-21.25°	1307	1363	1401	1429	1449	1461	1465	1461	1449	1429	1401



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	1122	1179	1226	1260	1284	1299	1304	1299	1284	1260	1226
-23.75°	924	979	1025	1061	1087	1102	1107	1102	1087	1061	1025
-25°	734	782	823	855	878	892	897	892	878	855	823
-26.25°	572	606	640	667	687	699	703	699	687	667	640
-27.5°	463	480	498	517	531	540	543	540	531	517	498
-28.75°	404	414	422	430	437	442	443	442	437	430	422
-30°	362	371	378	383	387	389	390	389	387	383	378
-31.25°	322	330	337	342	346	348	349	348	346	342	337
-32.5°	285	292	297	301	305	306	307	306	305	301	297
-33.75°	249	256	261	265	268	270	271	270	268	265	261
-35°	218	223	227	230	232	234	234	234	232	230	227
-36.25°	190	194	198	201	203	205	205	205	203	201	198
-37.5°	163	167	170	173	175	176	176	176	175	173	170
-38.75°	137	141	144	147	149	150	150	150	149	147	144
-40°	114	117	120	122	123	124	124	124	123	122	120
-41.25°	94	97	99	101	102	103	103	103	102	101	99
-42.5°	73	76	78	80	81	82	82	82	81	80	78
-43.75°	54	56	58	60	61	62	62	62	61	60	58
-45°	38	39	40	41	41	42	42	42	41	41	40
-46.25°	26	28	29	29	30	30	30	30	30	29	29
-47.5°	18	18	18	19	19	19	19	19	19	19	18
-48.75°	14	15	15	15	15	15	16	15	15	15	15
-50°	12	12	12	12	12	12	12	12	12	12	12
-51.25°	10	10	10	10	10	10	11	10	10	10	10
-52.5°	9	9	9	9	9	9	9	9	9	9	9
-53.75°	8	8	8	8	8	8	9	8	8	8	8
-55°	8	8	8	8	8	8	8	8	8	8	8
-56.25°	7	7	7	7	7	7	8	7	7	7	7
-57.5°	7	7	7	7	7	7	7	7	7	7	7
-58.75°	6	6	6	6	6	6	7	6	6	6	6
-60°	6	6	6	6	6	6	6	6	6	6	6
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-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°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	2	2	2	2	2	2	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	0	0	0	0	0	0	1	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	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	1	1	1	1	1
67.5°	3	3	3	3	3	3	2	2	2	2	2
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
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°	5	5	5	5	5	4	4	4	4	4	4
60°	6	6	6	6	5	5	5	5	5	5	5
58.75°	6	6	6	6	6	6	6	6	6	6	6
57.5°	7	7	7	7	7	7	7	7	6	6	6
56.25°	7	7	7	7	7	7	7	7	7	7	7
55°	8	8	8	8	8	8	8	7	7	7	7
53.75°	8	8	8	8	8	8	8	8	8	8	8
52.5°	9	9	9	9	9	9	9	8	8	8	8
51.25°	10	10	10	10	9	9	9	9	9	9	9
50°	12	12	11	11	11	11	10	10	10	9	9
48.75°	15	14	14	13	13	12	12	11	11	11	10
47.5°	18	18	17	17	16	16	15	14	13	12	12
46.25°	28	26	25	23	21	19	18	17	16	16	15
45°	39	38	36	34	32	30	27	24	21	19	18
43.75°	56	54	51	48	44	41	38	35	32	29	25
42.5°	76	73	70	67	63	59	54	49	43	39	35
41.25°	97	94	90	86	82	78	73	67	61	55	48
40°	117	114	111	107	102	97	92	86	80	73	66
38.75°	141	137	133	128	122	117	111	105	98	91	84
37.5°	167	163	158	153	147	140	133	125	117	110	102
36.25°	194	190	184	178	171	164	157	148	139	130	120
35°	223	218	212	206	198	190	181	172	163	153	142



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	256	249	242	233	226	217	208	198	187	175	164
32.5°	292	285	277	268	258	246	234	224	212	200	188
31.25°	330	322	313	302	292	280	267	253	239	225	212
30°	371	362	352	341	328	314	300	286	270	254	237
28.75°	414	404	392	380	367	352	336	319	302	285	267
27.5°	480	463	443	423	407	390	373	355	336	316	296
26.25°	606	572	535	493	465	435	413	391	371	350	328
25°	782	734	682	624	568	514	470	434	408	384	361
23.75°	979	924	862	793	718	643	570	504	458	421	393
22.5°	1179	1122	1056	979	893	805	712	621	542	475	430
21.25°	1363	1307	1243	1166	1079	980	875	768	664	567	486
20°	1499	1458	1407	1339	1254	1156	1047	928	808	690	580
18.75°	1583	1555	1520	1474	1406	1318	1212	1092	961	828	699
17.5°	1660	1630	1597	1559	1514	1448	1361	1245	1114	973	828
16.25°	1736	1705	1670	1629	1586	1536	1474	1382	1255	1114	961
15°	1814	1779	1741	1698	1652	1602	1548	1483	1382	1245	1092
13.75°	1888	1853	1812	1765	1716	1663	1607	1548	1474	1361	1212
12.5°	1968	1925	1879	1832	1778	1722	1663	1602	1536	1448	1318
11.25°	2055	2004	1949	1892	1838	1778	1716	1652	1586	1514	1406
10°	2136	2083	2023	1956	1892	1832	1765	1698	1629	1559	1474
8.75°	2210	2156	2093	2023	1949	1879	1812	1741	1670	1597	1520
7.5°	2273	2220	2156	2083	2004	1925	1853	1779	1705	1630	1555
6.25°	2325	2273	2210	2136	2055	1968	1888	1814	1736	1660	1583
5°	2367	2316	2255	2181	2097	2008	1920	1842	1762	1684	1605
3.75°	2395	2348	2287	2215	2131	2040	1947	1864	1784	1703	1623
2.5°	2413	2371	2310	2239	2155	2063	1966	1880	1799	1717	1636
1.25°	2422	2382	2324	2254	2170	2077	1979	1890	1809	1726	1644
0°	2425	2387	2329	2259	2175	2082	1984	1893	1812	1729	1647
-1.25°	2422	2382	2324	2254	2170	2077	1979	1890	1809	1726	1644
-2.5°	2413	2371	2310	2239	2155	2063	1966	1880	1799	1717	1636
-3.75°	2395	2348	2287	2215	2131	2040	1947	1864	1784	1703	1623
-5°	2367	2316	2255	2181	2097	2008	1920	1842	1762	1684	1605
-6.25°	2325	2273	2210	2136	2055	1968	1888	1814	1736	1660	1583
-7.5°	2273	2220	2156	2083	2004	1925	1853	1779	1705	1630	1555
-8.75°	2210	2156	2093	2023	1949	1879	1812	1741	1670	1597	1520
-10°	2136	2083	2023	1956	1892	1832	1765	1698	1629	1559	1474
-11.25°	2055	2004	1949	1892	1838	1778	1716	1652	1586	1514	1406
-12.5°	1968	1925	1879	1832	1778	1722	1663	1602	1536	1448	1318
-13.75°	1888	1853	1812	1765	1716	1663	1607	1548	1474	1361	1212
-15°	1814	1779	1741	1698	1652	1602	1548	1483	1382	1245	1092
-16.25°	1736	1705	1670	1629	1586	1536	1474	1382	1255	1114	961
-17.5°	1660	1630	1597	1559	1514	1448	1361	1245	1114	973	828
-18.75°	1583	1555	1520	1474	1406	1318	1212	1092	961	828	699
-20°	1499	1458	1407	1339	1254	1156	1047	928	808	690	580
-21.25°	1363	1307	1243	1166	1079	980	875	768	664	567	486



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	1179	1122	1056	979	893	805	712	621	542	475	430
-23.75°	979	924	862	793	718	643	570	504	458	421	393
-25°	782	734	682	624	568	514	470	434	408	384	361
-26.25°	606	572	535	493	465	435	413	391	371	350	328
-27.5°	480	463	443	423	407	390	373	355	336	316	296
-28.75°	414	404	392	380	367	352	336	319	302	285	267
-30°	371	362	352	341	328	314	300	286	270	254	237
-31.25°	330	322	313	302	292	280	267	253	239	225	212
-32.5°	292	285	277	268	258	246	234	224	212	200	188
-33.75°	256	249	242	233	226	217	208	198	187	175	164
-35°	223	218	212	206	198	190	181	172	163	153	142
-36.25°	194	190	184	178	171	164	157	148	139	130	120
-37.5°	167	163	158	153	147	140	133	125	117	110	102
-38.75°	141	137	133	128	122	117	111	105	98	91	84
-40°	117	114	111	107	102	97	92	86	80	73	66
-41.25°	97	94	90	86	82	78	73	67	61	55	48
-42.5°	76	73	70	67	63	59	54	49	43	39	35
-43.75°	56	54	51	48	44	41	38	35	32	29	25
-45°	39	38	36	34	32	30	27	24	21	19	18
-46.25°	28	26	25	23	21	19	18	17	16	16	15
-47.5°	18	18	17	17	16	16	15	14	13	12	12
-48.75°	15	14	14	13	13	12	12	11	11	11	10
-50°	12	12	11	11	11	11	10	10	10	9	9
-51.25°	10	10	10	10	9	9	9	9	9	9	9
-52.5°	9	9	9	9	9	9	9	8	8	8	8
-53.75°	8	8	8	8	8	8	8	8	8	8	8
-55°	8	8	8	8	8	8	8	7	7	7	7
-56.25°	7	7	7	7	7	7	7	7	7	7	7
-57.5°	7	7	7	7	7	7	7	7	6	6	6
-58.75°	6	6	6	6	6	6	6	6	6	6	6
-60°	6	6	6	6	5	5	5	5	5	5	5
-61.25°	5	5	5	5	5	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	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	2	2	2	2	2
-68.75°	2	2	2	2	2	2	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-78.75°	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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°	1	1	1	1	1	0	0	0	0	0	0
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	2	2	2	1	1	1	1	1	1	1	1
66.25°	3	3	2	2	2	2	2	2	1	1	1
65°	3	3	3	3	3	3	3	2	2	2	2
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
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	5	5	4	4	4	4	4	4	3
57.5°	6	6	6	6	5	5	5	4	4	4	4
56.25°	7	6	6	6	6	6	6	5	5	5	4
55°	7	7	7	7	7	6	6	6	6	5	5
53.75°	8	7	7	7	7	7	7	6	6	6	6
52.5°	8	8	8	8	7	7	7	7	7	7	6
51.25°	8	8	8	8	8	8	7	7	7	7	7
50°	9	9	9	8	8	8	8	8	8	7	7
48.75°	10	10	9	9	9	9	8	8	8	8	8
47.5°	11	11	10	10	9	9	9	9	8	8	8
46.25°	13	12	12	11	11	10	9	9	9	8	8
45°	17	15	14	13	12	11	11	10	9	9	9
43.75°	21	18	17	16	15	13	12	11	10	10	9
42.5°	31	27	23	19	17	16	14	13	12	11	10
41.25°	42	37	33	28	23	19	17	15	14	12	11
40°	59	51	43	38	33	27	22	18	16	15	13
38.75°	76	68	60	51	42	36	31	25	19	17	15
37.5°	94	85	76	67	58	48	39	33	27	21	18
36.25°	112	103	93	83	73	63	53	42	36	29	22
35°	131	120	110	100	89	78	68	56	45	37	30



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	153	141	128	117	106	94	82	71	59	47	38
32.5°	174	162	149	135	121	110	98	85	73	60	47
31.25°	198	184	169	155	140	125	113	100	86	73	60
30°	222	207	191	175	160	144	128	114	100	86	73
28.75°	248	229	213	196	179	162	146	129	114	100	85
27.5°	277	256	235	217	199	181	163	146	128	113	98
26.25°	305	284	262	239	219	200	181	162	144	125	110
25°	337	312	288	265	241	219	199	179	160	140	121
23.75°	368	342	315	290	265	239	217	196	175	155	135
22.5°	399	371	344	315	288	262	235	213	191	169	149
21.25°	437	401	371	342	312	284	256	229	207	184	162
20°	490	437	399	368	337	305	277	248	222	198	174
18.75°	580	486	430	393	361	328	296	267	237	212	188
17.5°	690	567	475	421	384	350	316	285	254	225	200
16.25°	808	664	542	458	408	371	336	302	270	239	212
15°	928	768	621	504	434	391	355	319	286	253	224
13.75°	1047	875	712	570	470	413	373	336	300	267	234
12.5°	1156	980	805	643	514	435	390	352	314	280	246
11.25°	1254	1079	893	718	568	465	407	367	328	292	258
10°	1339	1166	979	793	624	493	423	380	341	302	268
8.75°	1407	1243	1056	862	682	535	443	392	352	313	277
7.5°	1458	1307	1122	924	734	572	463	404	362	322	285
6.25°	1499	1363	1179	979	782	606	480	414	371	330	292
5°	1522	1401	1226	1025	823	640	498	422	378	337	297
3.75°	1541	1429	1260	1061	855	667	517	430	383	342	301
2.5°	1554	1449	1284	1087	878	687	531	437	387	346	305
1.25°	1562	1461	1299	1102	892	699	540	442	389	348	306
0°	1565	1465	1304	1107	897	703	543	443	390	349	307
-1.25°	1562	1461	1299	1102	892	699	540	442	389	348	306
-2.5°	1554	1449	1284	1087	878	687	531	437	387	346	305
-3.75°	1541	1429	1260	1061	855	667	517	430	383	342	301
-5°	1522	1401	1226	1025	823	640	498	422	378	337	297
-6.25°	1499	1363	1179	979	782	606	480	414	371	330	292
-7.5°	1458	1307	1122	924	734	572	463	404	362	322	285
-8.75°	1407	1243	1056	862	682	535	443	392	352	313	277
-10°	1339	1166	979	793	624	493	423	380	341	302	268
-11.25°	1254	1079	893	718	568	465	407	367	328	292	258
-12.5°	1156	980	805	643	514	435	390	352	314	280	246
-13.75°	1047	875	712	570	470	413	373	336	300	267	234
-15°	928	768	621	504	434	391	355	319	286	253	224
-16.25°	808	664	542	458	408	371	336	302	270	239	212
-17.5°	690	567	475	421	384	350	316	285	254	225	200
-18.75°	580	486	430	393	361	328	296	267	237	212	188
-20°	490	437	399	368	337	305	277	248	222	198	174
-21.25°	437	401	371	342	312	284	256	229	207	184	162



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	399	371	344	315	288	262	235	213	191	169	149
-23.75°	368	342	315	290	265	239	217	196	175	155	135
-25°	337	312	288	265	241	219	199	179	160	140	121
-26.25°	305	284	262	239	219	200	181	162	144	125	110
-27.5°	277	256	235	217	199	181	163	146	128	113	98
-28.75°	248	229	213	196	179	162	146	129	114	100	85
-30°	222	207	191	175	160	144	128	114	100	86	73
-31.25°	198	184	169	155	140	125	113	100	86	73	60
-32.5°	174	162	149	135	121	110	98	85	73	60	47
-33.75°	153	141	128	117	106	94	82	71	59	47	38
-35°	131	120	110	100	89	78	68	56	45	37	30
-36.25°	112	103	93	83	73	63	53	42	36	29	22
-37.5°	94	85	76	67	58	48	39	33	27	21	18
-38.75°	76	68	60	51	42	36	31	25	19	17	15
-40°	59	51	43	38	33	27	22	18	16	15	13
-41.25°	42	37	33	28	23	19	17	15	14	12	11
-42.5°	31	27	23	19	17	16	14	13	12	11	10
-43.75°	21	18	17	16	15	13	12	11	10	10	9
-45°	17	15	14	13	12	11	11	10	9	9	9
-46.25°	13	12	12	11	11	10	9	9	9	8	8
-47.5°	11	11	10	10	9	9	9	9	8	8	8
-48.75°	10	10	9	9	9	9	8	8	8	8	8
-50°	9	9	9	8	8	8	8	8	8	7	7
-51.25°	8	8	8	8	8	8	7	7	7	7	7
-52.5°	8	8	8	8	7	7	7	7	7	7	6
-53.75°	8	7	7	7	7	7	7	6	6	6	6
-55°	7	7	7	7	7	6	6	6	6	5	5
-56.25°	7	6	6	6	6	6	6	5	5	5	4
-57.5°	6	6	6	6	5	5	5	4	4	4	4
-58.75°	5	5	5	5	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	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	2	2	2	2
-66.25°	3	3	2	2	2	2	2	2	1	1	1
-67.5°	2	2	2	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	0	0	0	0	0	0



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-78.75°	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	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	0	0	0	0	0	0	0	0	0	0
75°	1	1	1	1	1	1	0	0	0	0	0
73.75°	1	1	1	1	1	1	1	1	1	1	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	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°	2	2	2	1	1	1	1	1	1	1	1
62.5°	3	3	2	2	2	2	1	1	1	1	1
61.25°	3	3	3	3	3	2	2	2	1	1	1
60°	3	3	3	3	3	3	3	2	2	2	1
58.75°	3	3	3	3	3	3	3	3	3	2	2
57.5°	4	3	3	3	3	3	3	3	3	3	2
56.25°	4	4	4	3	3	3	3	3	3	3	3
55°	5	4	4	4	4	3	3	3	3	3	3
53.75°	6	5	5	4	4	4	4	3	3	3	3
52.5°	6	6	6	5	5	4	4	4	3	3	3
51.25°	7	6	6	6	5	5	4	4	4	4	3
50°	7	7	6	6	6	6	5	5	4	4	4
48.75°	7	7	7	7	6	6	6	5	5	4	4
47.5°	8	7	7	7	7	6	6	6	5	5	4
46.25°	8	8	8	7	7	7	7	6	6	5	5
45°	8	8	8	8	7	7	7	7	6	6	5
43.75°	9	9	8	8	8	7	7	7	7	6	6
42.5°	9	9	9	8	8	8	7	7	7	7	6
41.25°	10	10	9	9	8	8	8	7	7	7	7
40°	11	11	10	9	9	8	8	8	7	7	7
38.75°	13	12	11	10	9	9	8	8	8	7	7
37.5°	16	13	12	11	10	9	9	8	8	8	7
36.25°	18	16	14	12	11	10	9	9	8	8	8
35°	23	18	16	13	12	11	10	9	9	8	8



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	30	23	18	16	13	11	10	9	9	8	8
32.5°	38	30	22	18	15	13	11	10	9	9	8
31.25°	47	37	29	21	17	15	12	11	10	9	8
30°	59	45	36	27	19	16	14	12	10	9	9
28.75°	71	56	42	33	25	18	15	13	11	10	9
27.5°	82	68	53	39	31	22	17	14	12	11	9
26.25°	94	78	63	48	36	27	19	16	13	11	10
25°	106	89	73	58	42	33	23	17	15	12	11
23.75°	117	100	83	67	51	38	28	19	16	13	11
22.5°	128	110	93	76	60	43	33	23	17	14	12
21.25°	141	120	103	85	68	51	37	27	18	15	12
20°	153	131	112	94	76	59	42	31	21	17	13
18.75°	164	142	120	102	84	66	48	35	25	18	15
17.5°	175	153	130	110	91	73	55	39	29	19	16
16.25°	187	163	139	117	98	80	61	43	32	21	16
15°	198	172	148	125	105	86	67	49	35	24	17
13.75°	208	181	157	133	111	92	73	54	38	27	18
12.5°	217	190	164	140	117	97	78	59	41	30	19
11.25°	226	198	171	147	122	102	82	63	44	32	21
10°	233	206	178	153	128	107	86	67	48	34	23
8.75°	242	212	184	158	133	111	90	70	51	36	25
7.5°	249	218	190	163	137	114	94	73	54	38	26
6.25°	256	223	194	167	141	117	97	76	56	39	28
5°	261	227	198	170	144	120	99	78	58	40	29
3.75°	265	230	201	173	147	122	101	80	60	41	29
2.5°	268	232	203	175	149	123	102	81	61	41	30
1.25°	270	234	205	176	150	124	103	82	62	42	30
0°	271	234	205	176	150	124	103	82	62	42	30
-1.25°	270	234	205	176	150	124	103	82	62	42	30
-2.5°	268	232	203	175	149	123	102	81	61	41	30
-3.75°	265	230	201	173	147	122	101	80	60	41	29
-5°	261	227	198	170	144	120	99	78	58	40	29
-6.25°	256	223	194	167	141	117	97	76	56	39	28
-7.5°	249	218	190	163	137	114	94	73	54	38	26
-8.75°	242	212	184	158	133	111	90	70	51	36	25
-10°	233	206	178	153	128	107	86	67	48	34	23
-11.25°	226	198	171	147	122	102	82	63	44	32	21
-12.5°	217	190	164	140	117	97	78	59	41	30	19
-13.75°	208	181	157	133	111	92	73	54	38	27	18
-15°	198	172	148	125	105	86	67	49	35	24	17
-16.25°	187	163	139	117	98	80	61	43	32	21	16
-17.5°	175	153	130	110	91	73	55	39	29	19	16
-18.75°	164	142	120	102	84	66	48	35	25	18	15
-20°	153	131	112	94	76	59	42	31	21	17	13
-21.25°	141	120	103	85	68	51	37	27	18	15	12



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	128	110	93	76	60	43	33	23	17	14	12
-23.75°	117	100	83	67	51	38	28	19	16	13	11
-25°	106	89	73	58	42	33	23	17	15	12	11
-26.25°	94	78	63	48	36	27	19	16	13	11	10
-27.5°	82	68	53	39	31	22	17	14	12	11	9
-28.75°	71	56	42	33	25	18	15	13	11	10	9
-30°	59	45	36	27	19	16	14	12	10	9	9
-31.25°	47	37	29	21	17	15	12	11	10	9	8
-32.5°	38	30	22	18	15	13	11	10	9	9	8
-33.75°	30	23	18	16	13	11	10	9	9	8	8
-35°	23	18	16	13	12	11	10	9	9	8	8
-36.25°	18	16	14	12	11	10	9	9	8	8	8
-37.5°	16	13	12	11	10	9	9	8	8	8	7
-38.75°	13	12	11	10	9	9	8	8	8	7	7
-40°	11	11	10	9	9	8	8	8	7	7	7
-41.25°	10	10	9	9	8	8	8	7	7	7	7
-42.5°	9	9	9	8	8	8	7	7	7	7	6
-43.75°	9	9	8	8	8	7	7	7	7	6	6
-45°	8	8	8	8	7	7	7	7	6	6	5
-46.25°	8	8	8	7	7	7	7	6	6	5	5
-47.5°	8	7	7	7	7	6	6	6	5	5	4
-48.75°	7	7	7	7	6	6	6	5	5	4	4
-50°	7	7	6	6	6	6	5	5	4	4	4
-51.25°	7	6	6	6	5	5	4	4	4	4	3
-52.5°	6	6	6	5	5	4	4	4	3	3	3
-53.75°	6	5	5	4	4	4	4	3	3	3	3
-55°	5	4	4	4	4	3	3	3	3	3	3
-56.25°	4	4	4	3	3	3	3	3	3	3	3
-57.5°	4	3	3	3	3	3	3	3	3	3	2
-58.75°	3	3	3	3	3	3	3	3	3	2	2
-60°	3	3	3	3	3	3	3	2	2	2	1
-61.25°	3	3	3	3	3	2	2	2	1	1	1
-62.5°	3	3	2	2	2	2	1	1	1	1	1
-63.75°	2	2	2	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	0
-75°	1	1	1	1	1	1	0	0	0	0	0
-76.25°	1	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-78.75°	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	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	0	0	0	0	0	0
70°	1	1	1	1	1	1	1	0	0	0	0
68.75°	1	1	1	1	1	1	1	1	0	0	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°	2	2	1	1	1	1	1	1	1	1	1
56.25°	3	2	2	1	1	1	1	1	1	1	1
55°	3	3	2	2	1	1	1	1	1	1	1
53.75°	3	3	3	2	2	1	1	1	1	1	1
52.5°	3	3	3	3	2	2	1	1	1	1	1
51.25°	3	3	3	3	3	2	2	1	1	1	1
50°	3	3	3	3	3	3	2	2	1	1	1
48.75°	4	3	3	3	3	3	3	2	2	1	1
47.5°	4	4	3	3	3	3	3	3	2	1	1
46.25°	4	4	4	3	3	3	3	3	2	2	1
45°	5	4	4	4	3	3	3	3	3	2	2
43.75°	5	5	4	4	3	3	3	3	3	3	2
42.5°	6	5	5	4	4	3	3	3	3	3	2
41.25°	6	6	5	4	4	4	3	3	3	3	3
40°	6	6	6	5	4	4	3	3	3	3	3
38.75°	7	6	6	5	5	4	4	3	3	3	3
37.5°	7	7	6	6	5	4	4	3	3	3	3
36.25°	7	7	6	6	6	5	4	4	3	3	3
35°	7	7	7	6	6	5	4	4	3	3	3



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	8	7	7	7	6	6	5	4	4	3	3
32.5°	8	8	7	7	6	6	5	4	4	3	3
31.25°	8	8	7	7	7	6	5	5	4	4	3
30°	8	8	8	7	7	6	6	5	4	4	3
28.75°	9	8	8	7	7	6	6	5	4	4	3
27.5°	9	8	8	7	7	7	6	6	5	4	4
26.25°	9	9	8	8	7	7	6	6	5	4	4
25°	9	9	8	8	7	7	7	6	5	4	4
23.75°	10	9	8	8	8	7	7	6	6	5	4
22.5°	10	9	9	8	8	7	7	6	6	5	4
21.25°	11	10	9	8	8	7	7	6	6	5	4
20°	11	10	9	8	8	8	7	7	6	5	4
18.75°	12	10	9	9	8	8	7	7	6	6	5
17.5°	12	11	9	9	8	8	7	7	6	6	5
16.25°	13	11	10	9	8	8	7	7	6	6	5
15°	14	11	10	9	8	8	7	7	7	6	5
13.75°	15	12	10	9	9	8	8	7	7	6	5
12.5°	16	12	11	9	9	8	8	7	7	6	5
11.25°	16	13	11	9	9	8	8	7	7	6	5
10°	17	13	11	10	9	8	8	7	7	6	6
8.75°	17	14	11	10	9	8	8	7	7	6	6
7.5°	18	14	12	10	9	8	8	7	7	6	6
6.25°	18	15	12	10	9	8	8	7	7	6	6
5°	18	15	12	10	9	8	8	7	7	6	6
3.75°	19	15	12	10	9	8	8	7	7	6	6
2.5°	19	15	12	10	9	8	8	7	7	6	6
1.25°	19	15	12	10	9	8	8	7	7	6	6
0°	19	16	12	11	9	9	8	8	7	7	6
-1.25°	19	15	12	10	9	8	8	7	7	6	6
-2.5°	19	15	12	10	9	8	8	7	7	6	6
-3.75°	19	15	12	10	9	8	8	7	7	6	6
-5°	18	15	12	10	9	8	8	7	7	6	6
-6.25°	18	15	12	10	9	8	8	7	7	6	6
-7.5°	18	14	12	10	9	8	8	7	7	6	6
-8.75°	17	14	11	10	9	8	8	7	7	6	6
-10°	17	13	11	10	9	8	8	7	7	6	6
-11.25°	16	13	11	9	9	8	8	7	7	6	5
-12.5°	16	12	11	9	9	8	8	7	7	6	5
-13.75°	15	12	10	9	9	8	8	7	7	6	5
-15°	14	11	10	9	8	8	7	7	7	6	5
-16.25°	13	11	10	9	8	8	7	7	6	6	5
-17.5°	12	11	9	9	8	8	7	7	6	6	5
-18.75°	12	10	9	9	8	8	7	7	6	6	5
-20°	11	10	9	8	8	8	7	7	6	5	4
-21.25°	11	10	9	8	8	7	7	6	6	5	4



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	10	9	9	8	8	7	7	6	6	5	4
-23.75°	10	9	8	8	8	7	7	6	6	5	4
-25°	9	9	8	8	7	7	7	6	5	4	4
-26.25°	9	9	8	8	7	7	6	6	5	4	4
-27.5°	9	8	8	7	7	7	6	6	5	4	4
-28.75°	9	8	8	7	7	6	6	5	4	4	3
-30°	8	8	8	7	7	6	6	5	4	4	3
-31.25°	8	8	7	7	7	6	5	5	4	4	3
-32.5°	8	8	7	7	6	6	5	4	4	3	3
-33.75°	8	7	7	7	6	6	5	4	4	3	3
-35°	7	7	7	6	6	5	4	4	3	3	3
-36.25°	7	7	6	6	6	5	4	4	3	3	3
-37.5°	7	7	6	6	5	4	4	3	3	3	3
-38.75°	7	6	6	5	5	4	4	3	3	3	3
-40°	6	6	6	5	4	4	3	3	3	3	3
-41.25°	6	6	5	4	4	4	3	3	3	3	3
-42.5°	6	5	5	4	4	3	3	3	3	3	2
-43.75°	5	5	4	4	3	3	3	3	3	3	2
-45°	5	4	4	4	3	3	3	3	3	2	2
-46.25°	4	4	4	3	3	3	3	3	2	2	1
-47.5°	4	4	3	3	3	3	3	3	2	1	1
-48.75°	4	3	3	3	3	3	3	2	2	1	1
-50°	3	3	3	3	3	3	2	2	1	1	1
-51.25°	3	3	3	3	3	2	2	1	1	1	1
-52.5°	3	3	3	3	2	2	1	1	1	1	1
-53.75°	3	3	3	2	2	1	1	1	1	1	1
-55°	3	3	2	2	1	1	1	1	1	1	1
-56.25°	3	2	2	1	1	1	1	1	1	1	1
-57.5°	2	2	1	1	1	1	1	1	1	1	1
-58.75°	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	0	0	0
-70°	1	1	1	1	1	1	1	0	0	0	0
-71.25°	1	1	1	1	1	0	0	0	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-78.75°	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-22.5°	4	3	3	3	2	2	1	1	1	1	1
-23.75°	3	3	3	3	2	1	1	1	1	1	1
-25°	3	3	3	3	2	1	1	1	1	1	1
-26.25°	3	3	3	3	2	1	1	1	1	1	1
-27.5°	3	3	3	3	2	1	1	1	1	1	1
-28.75°	3	3	3	2	2	1	1	1	1	1	1
-30°	3	3	3	2	1	1	1	1	1	1	1
-31.25°	3	3	3	2	1	1	1	1	1	1	1
-32.5°	3	3	3	2	1	1	1	1	1	1	1
-33.75°	3	3	2	1	1	1	1	1	1	1	1
-35°	3	3	2	1	1	1	1	1	1	1	1
-36.25°	3	2	2	1	1	1	1	1	1	1	1
-37.5°	3	2	1	1	1	1	1	1	1	1	1
-38.75°	3	2	1	1	1	1	1	1	1	1	1
-40°	2	2	1	1	1	1	1	1	1	1	1
-41.25°	2	1	1	1	1	1	1	1	1	1	1
-42.5°	2	1	1	1	1	1	1	1	1	1	1
-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	0
-47.5°	1	1	1	1	1	1	1	1	1	1	0
-48.75°	1	1	1	1	1	1	1	1	1	1	0
-50°	1	1	1	1	1	1	1	1	1	0	0
-51.25°	1	1	1	1	1	1	1	1	1	0	0
-52.5°	1	1	1	1	1	1	1	1	1	0	0
-53.75°	1	1	1	1	1	1	1	1	0	0	0
-55°	1	1	1	1	1	1	1	1	0	0	0
-56.25°	1	1	1	1	1	1	1	0	0	0	0
-57.5°	1	1	1	1	1	1	0	0	0	0	0
-58.75°	1	1	1	1	1	1	0	0	0	0	0
-60°	1	1	1	1	1	0	0	0	0	0	0
-61.25°	1	1	1	1	0	0	0	0	0	0	0
-62.5°	1	1	1	1	0	0	0	0	0	0	0
-63.75°	1	1	1	0	0	0	0	0	0	0	0
-65°	1	1	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
-78.75°	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	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°	1	0	0	0	0	0	0	0	0	0	0
38.75°	1	0	0	0	0	0	0	0	0	0	0
37.5°	1	0	0	0	0	0	0	0	0	0	0
36.25°	1	0	0	0	0	0	0	0	0	0	0
35°	1	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
33.75°	1	1	0	0	0	0	0	0	0	0	0
32.5°	1	1	0	0	0	0	0	0	0	0	0
31.25°	1	1	0	0	0	0	0	0	0	0	0
30°	1	1	0	0	0	0	0	0	0	0	0
28.75°	1	1	0	0	0	0	0	0	0	0	0
27.5°	1	1	0	0	0	0	0	0	0	0	0
26.25°	1	1	0	0	0	0	0	0	0	0	0
25°	1	1	1	0	0	0	0	0	0	0	0
23.75°	1	1	1	0	0	0	0	0	0	0	0
22.5°	1	1	1	0	0	0	0	0	0	0	0
21.25°	1	1	1	0	0	0	0	0	0	0	0
20°	1	1	1	0	0	0	0	0	0	0	0
18.75°	1	1	1	0	0	0	0	0	0	0	0
17.5°	1	1	1	0	0	0	0	0	0	0	0
16.25°	1	1	1	0	0	0	0	0	0	0	0
15°	1	1	1	0	0	0	0	0	0	0	0
13.75°	1	1	1	0	0	0	0	0	0	0	0
12.5°	1	1	1	0	0	0	0	0	0	0	0
11.25°	1	1	1	0	0	0	0	0	0	0	0
10°	1	1	1	0	0	0	0	0	0	0	0
8.75°	1	1	1	0	0	0	0	0	0	0	0
7.5°	1	1	1	0	0	0	0	0	0	0	0
6.25°	1	1	1	0	0	0	0	0	0	0	0
5°	1	1	1	0	0	0	0	0	0	0	0
3.75°	1	1	1	0	0	0	0	0	0	0	0
2.5°	1	1	1	0	0	0	0	0	0	0	0
1.25°	1	1	1	0	0	0	0	0	0	0	0
0°	1	1	1	1	0	0	0	0	0	0	0
-1.25°	1	1	1	0	0	0	0	0	0	0	0
-2.5°	1	1	1	0	0	0	0	0	0	0	0
-3.75°	1	1	1	0	0	0	0	0	0	0	0
-5°	1	1	1	0	0	0	0	0	0	0	0
-6.25°	1	1	1	0	0	0	0	0	0	0	0
-7.5°	1	1	1	0	0	0	0	0	0	0	0
-8.75°	1	1	1	0	0	0	0	0	0	0	0
-10°	1	1	1	0	0	0	0	0	0	0	0
-11.25°	1	1	1	0	0	0	0	0	0	0	0
-12.5°	1	1	1	0	0	0	0	0	0	0	0
-13.75°	1	1	1	0	0	0	0	0	0	0	0
-15°	1	1	1	0	0	0	0	0	0	0	0
-16.25°	1	1	1	0	0	0	0	0	0	0	0
-17.5°	1	1	1	0	0	0	0	0	0	0	0
-18.75°	1	1	1	0	0	0	0	0	0	0	0
-20°	1	1	1	0	0	0	0	0	0	0	0
-21.25°	1	1	1	0	0	0	0	0	0	0	0



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	1	1	1	0	0	0	0	0	0	0	0
-23.75°	1	1	1	0	0	0	0	0	0	0	0
-25°	1	1	1	0	0	0	0	0	0	0	0
-26.25°	1	1	0	0	0	0	0	0	0	0	0
-27.5°	1	1	0	0	0	0	0	0	0	0	0
-28.75°	1	1	0	0	0	0	0	0	0	0	0
-30°	1	1	0	0	0	0	0	0	0	0	0
-31.25°	1	1	0	0	0	0	0	0	0	0	0
-32.5°	1	1	0	0	0	0	0	0	0	0	0
-33.75°	1	1	0	0	0	0	0	0	0	0	0
-35°	1	0	0	0	0	0	0	0	0	0	0
-36.25°	1	0	0	0	0	0	0	0	0	0	0
-37.5°	1	0	0	0	0	0	0	0	0	0	0
-38.75°	1	0	0	0	0	0	0	0	0	0	0
-40°	1	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: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29475 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)