

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: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,
WIDE FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 4000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

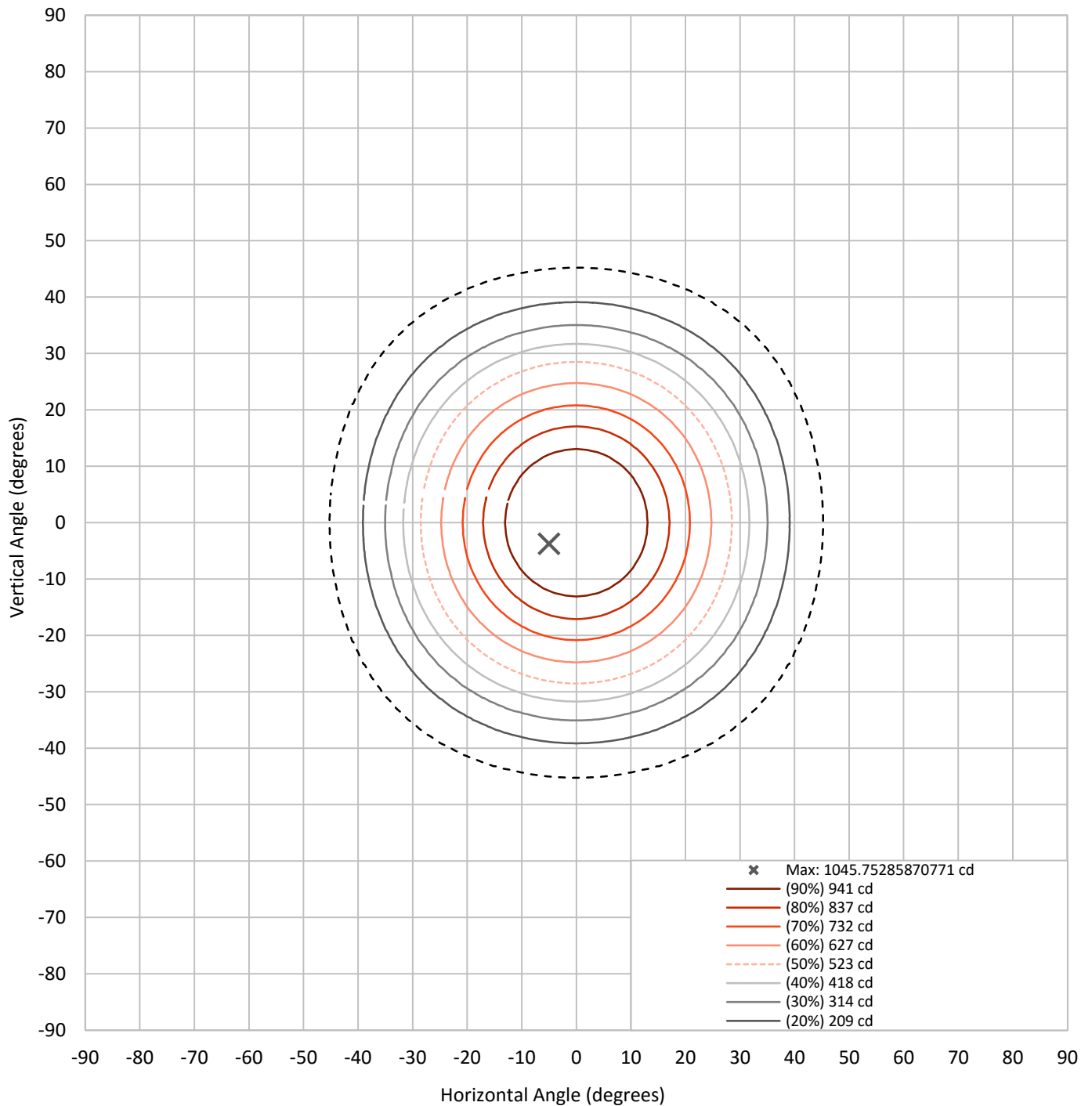
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	946.3 lumens	Max Intensity:	1045.8 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x -3.75°V
Efficacy:	94.6 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	56.6°H x 56.3°V	Field Angle (10%):	90°H x 89.8°V
Beam Lumens:	590.2 lumens	Field Lumens:	882.2 lumens
Beam Efficiency:	62.4%	Field Efficiency:	93.2%

Input Watts (W): 10
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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

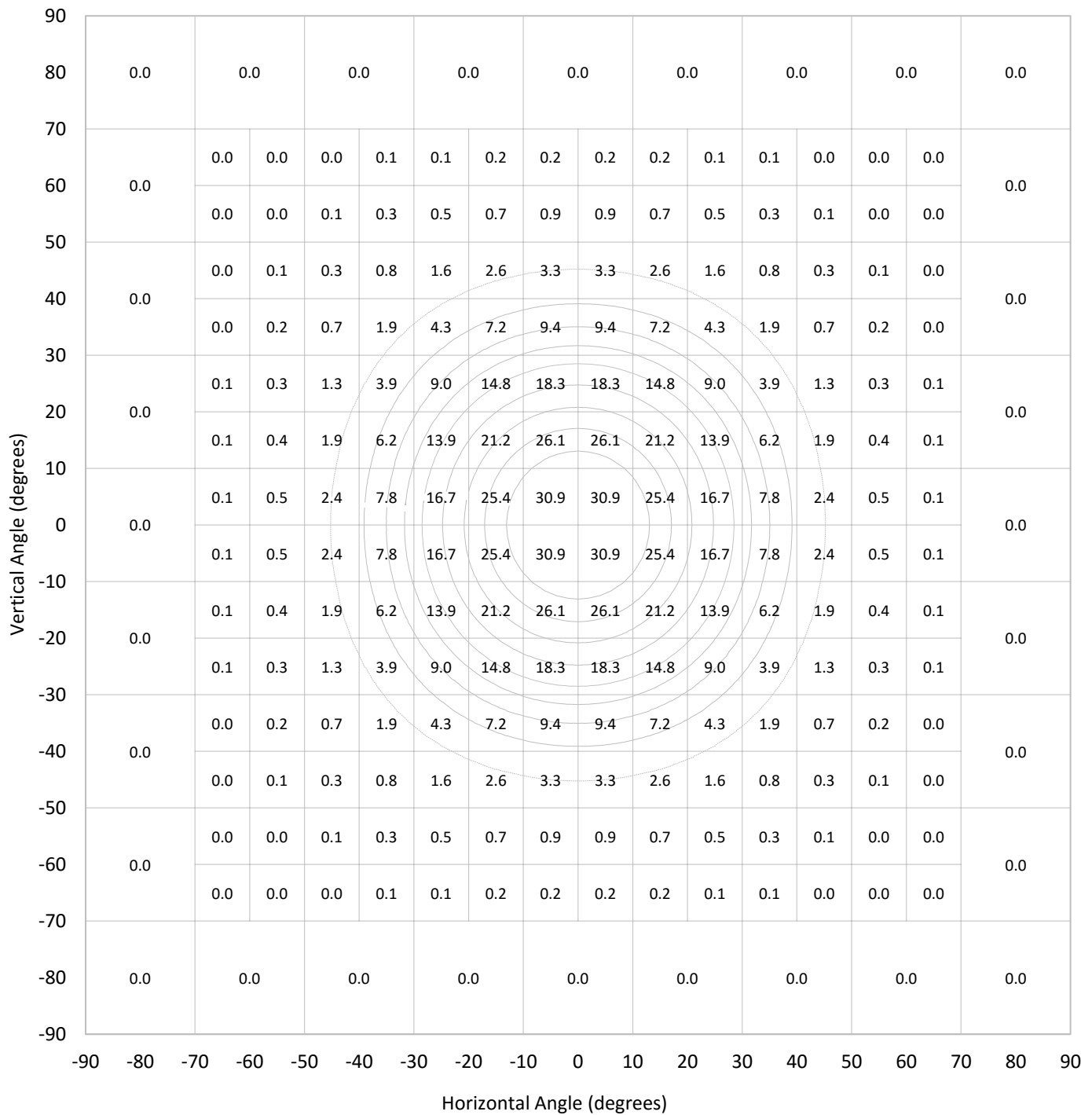
Iso-Candela Plot





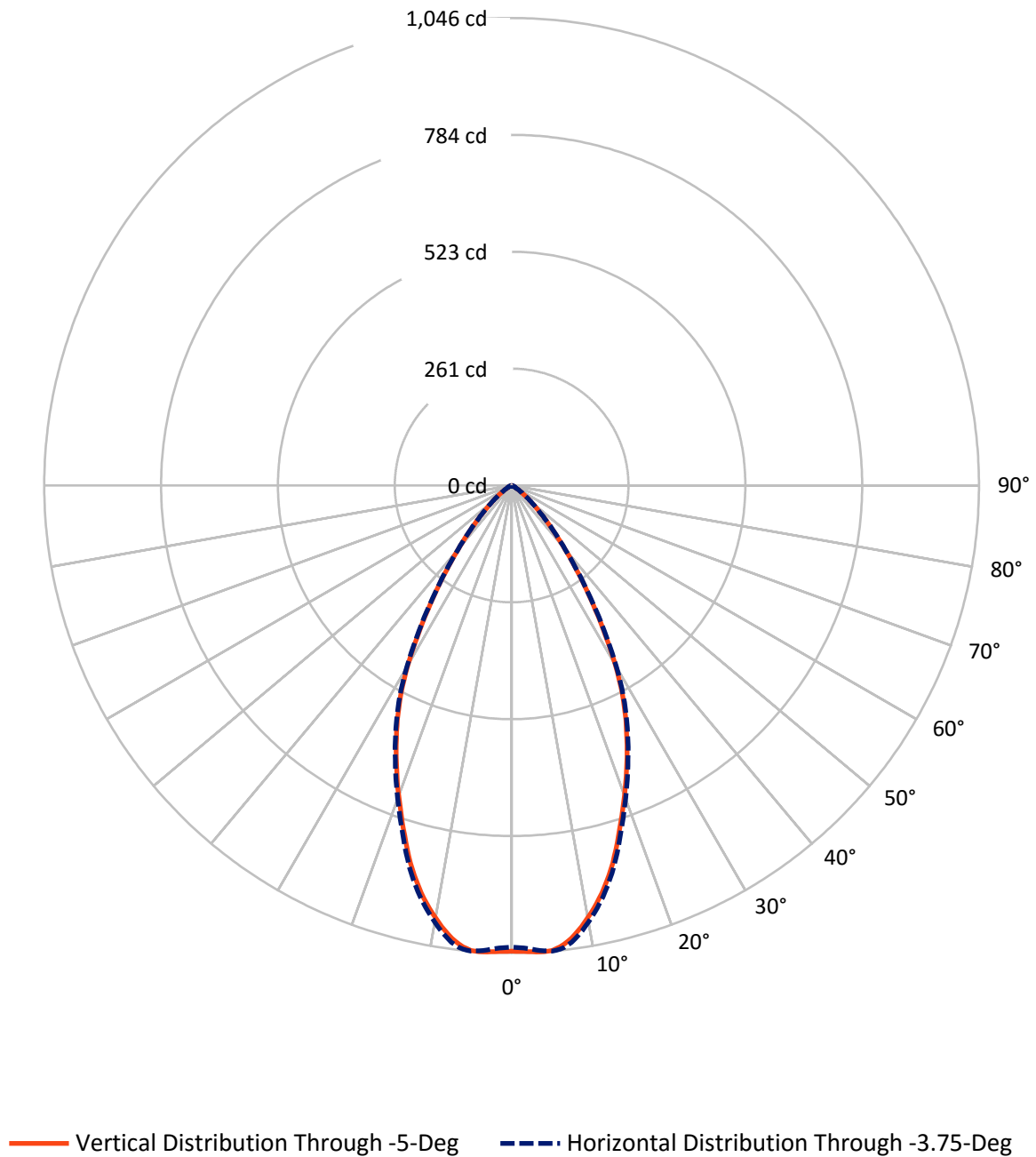
REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

Lumen Table



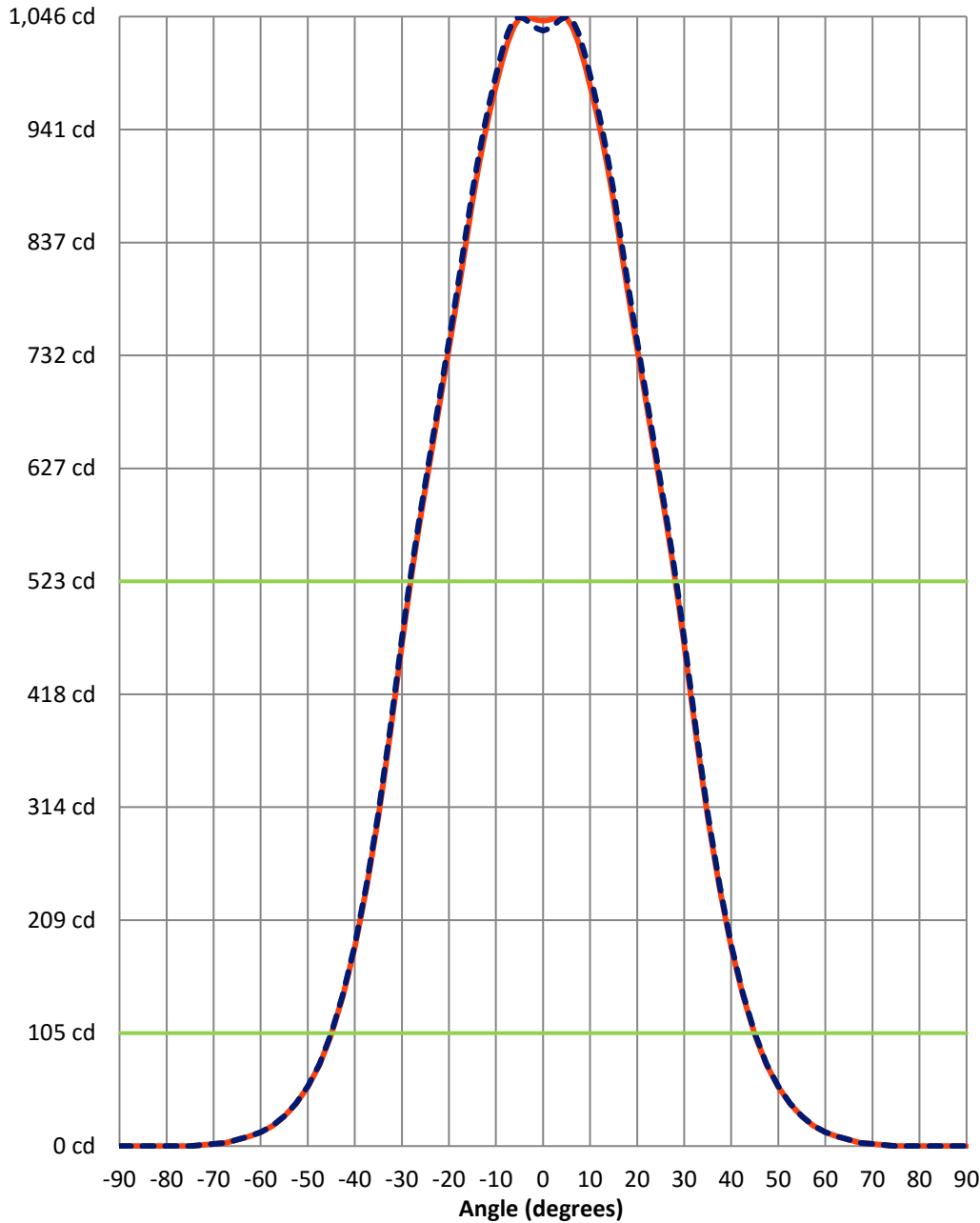
REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 56.6°
 V Angle: 56.3°
 Lumens: 590.2
 Efficiency: 62.4%

Field:
 H Angle: 90°
 V Angle: 89.8°
 Lumens: 882.2
 Efficiency: 93.2%

Spill:
 Lumens: 64.1
 Efficiency: 6.8%

— Vertical Distribution through -5-Deg
 - - Horizontal Distribution through -3.75-Deg



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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: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	0	0	0	0	0	1	1	1	2	2	3
32.5°	0	0	0	0	0	1	1	2	2	2	3
31.25°	0	0	0	0	0	1	1	2	2	2	3
30°	0	0	0	0	0	1	1	2	2	3	3
28.75°	0	0	0	0	1	1	1	2	2	3	3
27.5°	0	0	0	0	1	1	2	2	2	3	4
26.25°	0	0	0	0	1	1	2	2	2	3	4
25°	0	0	0	0	1	1	2	2	3	3	4
23.75°	0	0	0	0	1	1	2	2	3	3	5
22.5°	0	0	0	0	1	1	2	2	3	4	5
21.25°	0	0	0	1	1	1	2	2	3	4	5
20°	0	0	0	1	1	1	2	2	3	4	5
18.75°	0	0	0	1	1	2	2	2	3	4	6
17.5°	0	0	0	1	1	2	2	3	3	5	6
16.25°	0	0	0	1	1	2	2	3	3	5	6
15°	0	0	0	1	1	2	2	3	3	5	6
13.75°	0	0	0	1	1	2	2	3	4	5	7
12.5°	0	0	0	1	1	2	2	3	4	5	7
11.25°	0	0	0	1	1	2	2	3	4	5	7
10°	0	0	0	1	1	2	2	3	4	6	7
8.75°	0	0	0	1	1	2	2	3	4	6	7
7.5°	0	0	0	1	1	2	2	3	4	6	7
6.25°	0	0	0	1	1	2	2	3	4	6	7
5°	0	0	0	1	1	2	2	3	4	6	7
3.75°	0	0	0	1	1	2	2	3	4	6	7
2.5°	0	0	0	1	1	2	2	3	4	6	7
1.25°	0	0	0	1	1	2	2	3	4	6	7
0°	0	0	1	1	2	2	3	3	5	6	8
-1.25°	0	0	0	1	1	2	2	3	4	6	7
-2.5°	0	0	0	1	1	2	2	3	4	6	7
-3.75°	0	0	0	1	1	2	2	3	4	6	7
-5°	0	0	0	1	1	2	2	3	4	6	7
-6.25°	0	0	0	1	1	2	2	3	4	6	7
-7.5°	0	0	0	1	1	2	2	3	4	6	7
-8.75°	0	0	0	1	1	2	2	3	4	6	7
-10°	0	0	0	1	1	2	2	3	4	6	7
-11.25°	0	0	0	1	1	2	2	3	4	5	7
-12.5°	0	0	0	1	1	2	2	3	4	5	7
-13.75°	0	0	0	1	1	2	2	3	4	5	7
-15°	0	0	0	1	1	2	2	3	3	5	6
-16.25°	0	0	0	1	1	2	2	3	3	5	6
-17.5°	0	0	0	1	1	2	2	3	3	5	6
-18.75°	0	0	0	1	1	2	2	2	3	4	6
-20°	0	0	0	1	1	1	2	2	3	4	5
-21.25°	0	0	0	1	1	1	2	2	3	4	5



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	1
62.5°	0	0	0	0	0	0	0	0	1	1	1
61.25°	0	0	0	0	0	0	0	1	1	1	1
60°	0	0	0	0	0	0	1	1	1	1	1
58.75°	0	0	0	0	0	1	1	1	1	2	2
57.5°	0	0	0	0	1	1	1	1	2	2	2
56.25°	0	0	0	1	1	1	1	2	2	2	2
55°	0	0	1	1	1	1	2	2	2	2	3
53.75°	0	1	1	1	1	2	2	2	2	3	3
52.5°	1	1	1	1	2	2	2	2	3	3	4
51.25°	1	1	1	2	2	2	2	3	3	4	4
50°	1	1	1	2	2	2	3	3	4	4	5
48.75°	1	1	2	2	2	3	3	4	4	5	6
47.5°	1	2	2	2	3	3	3	4	5	6	7
46.25°	1	2	2	2	3	3	4	5	6	7	8
45°	2	2	2	3	3	4	5	6	7	8	8
43.75°	2	2	2	3	3	4	5	6	7	8	9
42.5°	2	2	3	3	4	5	6	7	8	9	10
41.25°	2	2	3	4	5	6	7	8	9	10	11
40°	2	3	3	4	5	6	7	8	9	11	12
38.75°	2	3	4	5	6	7	8	9	10	12	13
37.5°	3	3	4	5	6	7	8	10	11	13	15
36.25°	3	3	5	6	7	8	9	11	12	14	16
35°	3	4	5	6	7	8	10	11	13	15	17



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	3	4	5	7	8	9	11	12	14	16	19
32.5°	4	5	6	7	8	10	11	13	15	17	20
31.25°	4	5	6	8	9	10	12	14	16	19	22
30°	4	6	7	8	9	11	13	15	17	20	24
28.75°	5	6	7	8	10	12	13	16	18	22	25
27.5°	5	6	8	9	11	12	14	17	20	23	27
26.25°	5	7	8	9	11	13	15	18	21	25	29
25°	6	7	8	10	12	14	16	19	23	26	31
23.75°	6	7	9	10	12	14	17	20	24	28	33
22.5°	6	8	9	11	13	15	18	21	25	30	35
21.25°	7	8	9	11	13	16	19	22	26	31	37
20°	7	8	10	12	14	17	19	24	28	33	38
18.75°	7	9	10	12	14	17	20	25	29	34	40
17.5°	7	9	11	12	15	18	21	26	30	36	42
16.25°	8	9	11	13	16	18	22	27	32	37	44
15°	8	9	11	13	16	19	23	27	33	39	46
13.75°	8	10	11	14	17	20	24	28	34	40	47
12.5°	8	10	12	14	17	20	25	29	35	41	49
11.25°	8	10	12	14	17	21	25	30	36	42	50
10°	8	10	12	15	18	21	26	31	37	44	51
8.75°	9	10	12	15	18	22	26	32	38	45	52
7.5°	9	11	13	15	18	22	27	32	38	45	53
6.25°	9	11	13	16	18	23	27	33	39	46	54
5°	9	11	13	16	19	23	27	33	39	47	55
3.75°	9	11	13	16	19	23	28	34	40	47	55
2.5°	9	11	13	16	19	23	28	34	40	48	56
1.25°	9	11	13	16	19	23	28	34	40	48	56
0°	9	11	13	16	19	24	28	34	40	48	56
-1.25°	9	11	13	16	19	23	28	34	40	48	56
-2.5°	9	11	13	16	19	23	28	34	40	48	56
-3.75°	9	11	13	16	19	23	28	34	40	48	56
-5°	9	11	13	16	19	23	27	33	39	47	55
-6.25°	9	11	13	16	18	23	27	33	39	46	54
-7.5°	9	11	13	15	18	22	27	32	38	45	53
-8.75°	9	10	12	15	18	22	26	32	38	45	52
-10°	8	10	12	15	18	21	26	31	37	44	51
-11.25°	8	10	12	14	17	21	25	30	36	42	50
-12.5°	8	10	12	14	17	20	25	29	35	41	49
-13.75°	8	10	11	14	17	20	24	28	34	40	47
-15°	8	9	11	13	16	19	23	27	33	39	46
-16.25°	8	9	11	13	16	18	22	27	32	37	44
-17.5°	7	9	11	12	15	18	21	26	30	36	42
-18.75°	7	9	10	12	14	17	20	25	29	34	40
-20°	7	8	10	12	14	17	19	24	28	33	38
-21.25°	7	8	9	11	13	16	19	22	26	31	37



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	6	8	9	11	13	15	18	21	25	30	35
-23.75°	6	7	9	10	12	14	17	20	24	28	33
-25°	6	7	8	10	12	14	16	19	23	26	31
-26.25°	5	7	8	9	11	13	15	18	21	25	29
-27.5°	5	6	8	9	11	12	14	17	20	23	27
-28.75°	5	6	7	8	10	12	13	16	18	22	25
-30°	4	6	7	8	9	11	13	15	17	20	24
-31.25°	4	5	6	8	9	10	12	14	16	19	22
-32.5°	4	5	6	7	8	10	11	13	15	17	20
-33.75°	3	4	5	7	8	9	11	12	14	16	19
-35°	3	4	5	6	7	8	10	11	13	15	17
-36.25°	3	3	5	6	7	8	9	11	12	14	16
-37.5°	3	3	4	5	6	7	8	10	11	13	15
-38.75°	2	3	4	5	6	7	8	9	10	12	13
-40°	2	3	3	4	5	6	7	8	9	11	12
-41.25°	2	2	3	4	5	6	7	8	9	10	11
-42.5°	2	2	3	3	4	5	6	7	8	9	10
-43.75°	2	2	2	3	3	4	5	6	7	8	9
-45°	2	2	2	3	3	4	5	6	7	8	8
-46.25°	1	2	2	2	3	3	4	5	6	7	8
-47.5°	1	2	2	2	3	3	3	4	5	6	7
-48.75°	1	1	2	2	2	3	3	4	4	5	6
-50°	1	1	1	2	2	2	3	3	4	4	5
-51.25°	1	1	1	2	2	2	2	3	3	4	4
-52.5°	1	1	1	1	2	2	2	2	3	3	4
-53.75°	0	1	1	1	1	2	2	2	2	3	3
-55°	0	0	1	1	1	1	2	2	2	2	3
-56.25°	0	0	0	1	1	1	1	2	2	2	2
-57.5°	0	0	0	0	1	1	1	1	2	2	2
-58.75°	0	0	0	0	0	1	1	1	1	2	2
-60°	0	0	0	0	0	0	1	1	1	1	1
-61.25°	0	0	0	0	0	0	0	1	1	1	1
-62.5°	0	0	0	0	0	0	0	0	1	1	1
-63.75°	0	0	0	0	0	0	0	0	0	0	1
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	1	1	1
67.5°	0	0	0	0	0	1	1	1	1	1	1
66.25°	0	0	0	1	1	1	1	1	1	1	2
65°	0	1	1	1	1	1	1	2	2	2	2
63.75°	1	1	1	1	1	2	2	2	2	2	2
62.5°	1	1	1	2	2	2	2	2	2	3	3
61.25°	1	2	2	2	2	2	2	3	3	3	3
60°	2	2	2	2	2	3	3	3	4	4	5
58.75°	2	2	2	3	3	3	4	4	5	5	6
57.5°	2	3	3	3	3	4	5	5	6	6	7
56.25°	3	3	3	4	4	5	6	6	7	7	8
55°	3	3	4	5	5	6	7	7	8	8	9
53.75°	4	4	5	6	6	7	8	8	9	10	11
52.5°	4	5	6	7	7	8	9	9	10	11	12
51.25°	5	6	7	8	8	9	10	11	12	13	14
50°	6	7	8	8	9	10	11	12	13	15	16
48.75°	7	8	9	9	11	12	13	14	15	17	18
47.5°	8	9	10	11	12	13	14	16	17	19	21
46.25°	9	10	11	12	13	15	16	18	19	22	24
45°	9	11	12	13	15	16	18	20	22	25	27
43.75°	11	12	13	15	16	18	20	23	25	28	31
42.5°	12	13	15	16	18	21	23	26	28	32	35
41.25°	13	14	16	18	20	23	26	29	32	36	39
40°	14	16	18	20	23	26	29	32	36	40	44
38.75°	15	17	19	22	25	28	32	36	40	45	49
37.5°	17	19	22	25	28	32	36	40	45	50	55
36.25°	18	21	24	27	31	35	39	44	49	55	61
35°	20	23	26	30	34	38	43	49	54	60	67



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	22	25	28	33	37	42	48	53	60	67	74
32.5°	24	27	31	36	40	46	52	58	65	73	81
31.25°	26	29	34	39	44	50	56	64	71	79	90
30°	27	32	37	42	48	54	61	69	77	87	98
28.75°	30	34	39	45	51	58	66	74	84	95	106
27.5°	32	37	42	49	55	63	71	81	92	103	116
26.25°	34	39	45	52	59	68	76	87	99	111	126
25°	36	42	48	55	64	72	82	94	106	120	135
23.75°	38	44	51	59	68	77	88	100	114	129	144
22.5°	40	47	54	63	72	82	94	107	122	138	155
21.25°	43	50	57	66	75	87	100	114	130	146	166
20°	45	52	60	70	80	93	105	121	137	156	176
18.75°	47	55	64	73	85	98	112	128	145	165	185
17.5°	49	57	67	76	89	102	118	135	153	174	195
16.25°	51	60	69	80	93	107	124	141	161	182	206
15°	53	62	72	84	97	112	129	147	168	190	216
13.75°	55	65	74	87	101	117	134	154	175	198	225
12.5°	57	67	77	90	104	121	139	160	181	206	233
11.25°	58	69	79	93	108	125	143	165	187	214	241
10°	60	70	82	96	111	129	148	170	193	220	248
8.75°	62	72	84	98	114	132	152	174	199	226	255
7.5°	63	73	86	100	117	135	156	178	204	232	262
6.25°	64	74	88	102	119	138	159	182	208	236	267
5°	65	75	89	103	121	139	161	184	211	240	272
3.75°	66	76	90	105	123	141	163	186	214	242	275
2.5°	66	77	91	105	124	142	165	188	216	244	278
1.25°	66	77	91	106	124	143	166	189	217	246	279
0°	67	77	91	106	125	143	166	189	218	246	280
-1.25°	66	77	91	106	124	143	166	189	217	246	279
-2.5°	66	77	91	105	124	142	165	188	216	244	278
-3.75°	66	76	90	105	123	141	163	186	214	242	275
-5°	65	75	89	103	121	139	161	184	211	240	272
-6.25°	64	74	88	102	119	138	159	182	208	236	267
-7.5°	63	73	86	100	117	135	156	178	204	232	262
-8.75°	62	72	84	98	114	132	152	174	199	226	255
-10°	60	70	82	96	111	129	148	170	193	220	248
-11.25°	58	69	79	93	108	125	143	165	187	214	241
-12.5°	57	67	77	90	104	121	139	160	181	206	233
-13.75°	55	65	74	87	101	117	134	154	175	198	225
-15°	53	62	72	84	97	112	129	147	168	190	216
-16.25°	51	60	69	80	93	107	124	141	161	182	206
-17.5°	49	57	67	76	89	102	118	135	153	174	195
-18.75°	47	55	64	73	85	98	112	128	145	165	185
-20°	45	52	60	70	80	93	105	121	137	156	176
-21.25°	43	50	57	66	75	87	100	114	130	146	166



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	40	47	54	63	72	82	94	107	122	138	155
-23.75°	38	44	51	59	68	77	88	100	114	129	144
-25°	36	42	48	55	64	72	82	94	106	120	135
-26.25°	34	39	45	52	59	68	76	87	99	111	126
-27.5°	32	37	42	49	55	63	71	81	92	103	116
-28.75°	30	34	39	45	51	58	66	74	84	95	106
-30°	27	32	37	42	48	54	61	69	77	87	98
-31.25°	26	29	34	39	44	50	56	64	71	79	90
-32.5°	24	27	31	36	40	46	52	58	65	73	81
-33.75°	22	25	28	33	37	42	48	53	60	67	74
-35°	20	23	26	30	34	38	43	49	54	60	67
-36.25°	18	21	24	27	31	35	39	44	49	55	61
-37.5°	17	19	22	25	28	32	36	40	45	50	55
-38.75°	15	17	19	22	25	28	32	36	40	45	49
-40°	14	16	18	20	23	26	29	32	36	40	44
-41.25°	13	14	16	18	20	23	26	29	32	36	39
-42.5°	12	13	15	16	18	21	23	26	28	32	35
-43.75°	11	12	13	15	16	18	20	23	25	28	31
-45°	9	11	12	13	15	16	18	20	22	25	27
-46.25°	9	10	11	12	13	15	16	18	19	22	24
-47.5°	8	9	10	11	12	13	14	16	17	19	21
-48.75°	7	8	9	9	11	12	13	14	15	17	18
-50°	6	7	8	8	9	10	11	12	13	15	16
-51.25°	5	6	7	8	8	9	10	11	12	13	14
-52.5°	4	5	6	7	7	8	9	9	10	11	12
-53.75°	4	4	5	6	6	7	8	8	9	10	11
-55°	3	3	4	5	5	6	7	7	8	8	9
-56.25°	3	3	3	4	4	5	6	6	7	7	8
-57.5°	2	3	3	3	3	4	5	5	6	6	7
-58.75°	2	2	2	3	3	3	4	4	5	5	6
-60°	2	2	2	2	2	3	3	3	4	4	5
-61.25°	1	2	2	2	2	2	2	3	3	3	3
-62.5°	1	1	1	2	2	2	2	2	2	3	3
-63.75°	1	1	1	1	1	2	2	2	2	2	2
-65°	0	1	1	1	1	1	1	2	2	2	2
-66.25°	0	0	0	1	1	1	1	1	1	1	2
-67.5°	0	0	0	0	0	1	1	1	1	1	1
-68.75°	0	0	0	0	0	0	0	0	1	1	1
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	2	2	2	2	2
67.5°	1	1	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	3	3	3
65°	2	2	2	2	3	3	3	3	3	3	4
63.75°	2	3	3	3	3	3	4	4	4	5	5
62.5°	3	3	4	4	4	5	5	5	6	6	6
61.25°	4	4	5	5	6	6	6	7	7	7	8
60°	5	5	6	6	7	7	8	8	8	9	9
58.75°	6	7	7	8	8	8	9	9	10	10	11
57.5°	7	8	8	9	9	10	11	11	12	12	13
56.25°	8	9	10	10	11	12	12	13	14	14	15
55°	10	11	11	12	13	13	14	15	16	17	18
53.75°	11	12	13	14	15	16	17	18	19	20	21
52.5°	13	14	15	16	17	18	20	21	23	24	25
51.25°	15	16	17	19	20	22	23	25	26	28	30
50°	17	19	20	22	24	25	27	29	31	33	35
48.75°	20	22	24	26	27	30	32	34	36	38	40
47.5°	23	25	27	29	32	34	37	39	42	44	47
46.25°	26	28	31	34	37	39	42	45	48	51	54
45°	30	33	36	39	42	45	49	52	55	59	63
43.75°	34	37	40	44	48	51	55	59	64	68	72
42.5°	38	42	46	50	54	58	63	68	72	77	82
41.25°	43	48	52	56	61	66	71	76	82	88	94
40°	49	53	58	64	69	74	81	87	94	100	107
38.75°	54	60	65	71	77	84	92	99	106	114	122
37.5°	60	67	73	79	87	95	103	111	120	129	138
36.25°	67	74	81	90	98	106	116	126	135	144	155
35°	74	82	91	100	109	119	130	140	151	163	174



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	82	91	101	110	122	133	143	156	169	181	193
32.5°	91	101	111	123	134	146	160	173	186	201	216
31.25°	100	110	123	135	148	162	176	190	207	223	238
30°	109	122	134	148	163	178	193	211	228	245	263
28.75°	119	133	146	162	178	194	213	231	249	269	289
27.5°	130	143	160	176	193	213	232	252	273	294	314
26.25°	140	156	173	190	211	231	252	274	296	319	343
25°	151	169	186	207	228	249	273	296	320	346	372
23.75°	163	181	201	223	245	269	294	319	346	373	400
22.5°	174	193	216	238	263	289	314	343	372	400	429
21.25°	185	207	230	255	281	308	337	367	397	428	458
20°	197	221	244	272	299	328	359	390	422	454	485
18.75°	209	233	259	288	316	348	380	414	447	480	510
17.5°	220	245	274	303	335	368	401	436	471	503	532
16.25°	231	258	288	318	352	386	422	458	492	524	553
15°	241	271	301	334	369	405	442	478	512	543	573
13.75°	252	283	313	349	385	422	460	496	529	561	590
12.5°	262	293	326	363	400	438	477	513	546	577	606
11.25°	272	303	339	376	414	453	492	527	560	591	620
10°	280	312	350	387	427	467	505	540	573	604	634
8.75°	288	321	359	398	438	479	516	551	584	615	646
7.5°	294	330	368	407	448	489	526	561	594	625	657
6.25°	300	337	375	416	457	497	535	570	602	634	666
5°	305	342	381	422	464	504	541	576	609	642	673
3.75°	308	347	386	428	470	510	547	582	614	647	680
2.5°	311	350	389	431	474	514	550	585	618	651	684
1.25°	312	352	391	434	476	516	553	588	620	654	687
0°	313	353	392	435	477	517	554	588	621	655	688
-1.25°	312	352	391	434	476	516	553	588	620	654	687
-2.5°	311	350	389	431	474	514	550	585	618	651	684
-3.75°	308	347	386	428	470	510	547	582	614	647	680
-5°	305	342	381	422	464	504	541	576	609	642	673
-6.25°	300	337	375	416	457	497	535	570	602	634	666
-7.5°	294	330	368	407	448	489	526	561	594	625	657
-8.75°	288	321	359	398	438	479	516	551	584	615	646
-10°	280	312	350	387	427	467	505	540	573	604	634
-11.25°	272	303	339	376	414	453	492	527	560	591	620
-12.5°	262	293	326	363	400	438	477	513	546	577	606
-13.75°	252	283	313	349	385	422	460	496	529	561	590
-15°	241	271	301	334	369	405	442	478	512	543	573
-16.25°	231	258	288	318	352	386	422	458	492	524	553
-17.5°	220	245	274	303	335	368	401	436	471	503	532
-18.75°	209	233	259	288	316	348	380	414	447	480	510
-20°	197	221	244	272	299	328	359	390	422	454	485
-21.25°	185	207	230	255	281	308	337	367	397	428	458



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	174	193	216	238	263	289	314	343	372	400	429
-23.75°	163	181	201	223	245	269	294	319	346	373	400
-25°	151	169	186	207	228	249	273	296	320	346	372
-26.25°	140	156	173	190	211	231	252	274	296	319	343
-27.5°	130	143	160	176	193	213	232	252	273	294	314
-28.75°	119	133	146	162	178	194	213	231	249	269	289
-30°	109	122	134	148	163	178	193	211	228	245	263
-31.25°	100	110	123	135	148	162	176	190	207	223	238
-32.5°	91	101	111	123	134	146	160	173	186	201	216
-33.75°	82	91	101	110	122	133	143	156	169	181	193
-35°	74	82	91	100	109	119	130	140	151	163	174
-36.25°	67	74	81	90	98	106	116	126	135	144	155
-37.5°	60	67	73	79	87	95	103	111	120	129	138
-38.75°	54	60	65	71	77	84	92	99	106	114	122
-40°	49	53	58	64	69	74	81	87	94	100	107
-41.25°	43	48	52	56	61	66	71	76	82	88	94
-42.5°	38	42	46	50	54	58	63	68	72	77	82
-43.75°	34	37	40	44	48	51	55	59	64	68	72
-45°	30	33	36	39	42	45	49	52	55	59	63
-46.25°	26	28	31	34	37	39	42	45	48	51	54
-47.5°	23	25	27	29	32	34	37	39	42	44	47
-48.75°	20	22	24	26	27	30	32	34	36	38	40
-50°	17	19	20	22	24	25	27	29	31	33	35
-51.25°	15	16	17	19	20	22	23	25	26	28	30
-52.5°	13	14	15	16	17	18	20	21	23	24	25
-53.75°	11	12	13	14	15	16	17	18	19	20	21
-55°	10	11	11	12	13	13	14	15	16	17	18
-56.25°	8	9	10	10	11	12	12	13	14	14	15
-57.5°	7	8	8	9	9	10	11	11	12	12	13
-58.75°	6	7	7	8	8	8	9	9	10	10	11
-60°	5	5	6	6	7	7	8	8	8	9	9
-61.25°	4	4	5	5	6	6	6	7	7	7	8
-62.5°	3	3	4	4	4	5	5	5	6	6	6
-63.75°	2	3	3	3	3	3	4	4	4	5	5
-65°	2	2	2	2	3	3	3	3	3	3	4
-66.25°	2	2	2	2	2	2	2	2	3	3	3
-67.5°	1	1	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	2	2	2	2	2
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	0	0	0	0	0	1	1	1	1	1	1
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	4	4	4	4	4
65°	4	4	4	5	5	5	5	5	5	6	6
63.75°	5	5	6	6	6	6	7	7	7	7	7
62.5°	7	7	7	7	8	8	8	8	8	8	9
61.25°	8	8	9	9	9	9	10	10	10	10	10
60°	9	10	10	11	11	11	11	12	12	12	12
58.75°	11	12	12	12	13	13	14	14	14	15	15
57.5°	13	14	14	15	16	16	17	17	17	18	18
56.25°	16	17	17	18	18	19	20	20	21	21	22
55°	19	19	20	21	22	23	24	25	25	26	26
53.75°	22	24	25	26	27	27	28	29	30	31	32
52.5°	26	28	29	30	32	33	34	35	36	37	38
51.25°	31	33	34	36	37	39	40	41	42	44	45
50°	37	38	40	42	44	46	47	49	50	51	52
48.75°	43	45	47	49	51	53	55	57	58	60	62
47.5°	50	52	55	57	60	62	65	67	69	70	72
46.25°	57	60	64	67	69	72	74	77	79	82	84
45°	66	70	73	76	80	84	87	90	93	96	98
43.75°	75	80	85	89	93	97	101	104	108	111	114
42.5°	87	93	98	102	107	112	117	121	125	129	132
41.25°	100	105	112	118	124	129	134	139	143	148	152
40°	114	121	128	135	141	147	154	160	165	170	174
38.75°	130	137	145	153	161	168	175	181	187	193	199
37.5°	146	156	165	174	182	190	198	206	214	220	226
36.25°	166	176	185	195	206	216	225	233	241	248	255
35°	185	197	209	220	231	241	252	262	272	280	288



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	207	221	233	245	258	271	283	293	303	312	321
32.5°	230	244	259	274	288	301	313	326	339	350	359
31.25°	255	272	288	303	318	334	349	363	376	387	398
30°	281	299	316	335	352	369	385	400	414	427	438
28.75°	308	328	348	368	386	405	422	438	453	467	479
27.5°	337	359	380	401	422	442	460	477	492	505	516
26.25°	367	390	414	436	458	478	496	513	527	540	551
25°	397	422	447	471	492	512	529	546	560	573	584
23.75°	428	454	480	503	524	543	561	577	591	604	615
22.5°	458	485	510	532	553	573	590	606	620	634	646
21.25°	487	513	538	560	581	600	617	634	650	664	677
20°	513	539	564	586	607	626	645	662	678	694	708
18.75°	538	564	588	610	631	652	671	690	707	724	738
17.5°	560	586	610	633	656	677	698	717	736	752	768
16.25°	581	607	631	656	679	702	724	744	763	782	799
15°	600	626	652	677	702	726	748	770	791	811	830
13.75°	617	645	671	698	724	748	772	796	819	841	861
12.5°	634	662	690	717	744	770	796	821	846	870	890
11.25°	650	678	707	736	763	791	819	846	873	896	916
10°	664	694	724	752	782	811	841	870	896	918	938
8.75°	677	708	738	768	799	830	861	890	916	938	958
7.5°	688	720	750	782	814	847	879	907	933	956	975
6.25°	698	730	762	795	828	862	894	922	947	970	990
5°	706	739	771	805	840	875	906	934	959	982	1004
3.75°	713	745	779	813	849	884	915	943	969	992	1013
2.5°	717	750	785	820	856	891	922	950	975	999	1020
1.25°	720	753	788	823	860	895	925	954	979	1003	1024
0°	721	754	789	825	862	896	927	955	980	1005	1026
-1.25°	720	753	788	823	860	895	925	954	979	1003	1024
-2.5°	717	750	785	820	856	891	922	950	975	999	1020
-3.75°	713	745	779	813	849	884	915	943	969	992	1013
-5°	706	739	771	805	840	875	906	934	959	982	1004
-6.25°	698	730	762	795	828	862	894	922	947	970	990
-7.5°	688	720	750	782	814	847	879	907	933	956	975
-8.75°	677	708	738	768	799	830	861	890	916	938	958
-10°	664	694	724	752	782	811	841	870	896	918	938
-11.25°	650	678	707	736	763	791	819	846	873	896	916
-12.5°	634	662	690	717	744	770	796	821	846	870	890
-13.75°	617	645	671	698	724	748	772	796	819	841	861
-15°	600	626	652	677	702	726	748	770	791	811	830
-16.25°	581	607	631	656	679	702	724	744	763	782	799
-17.5°	560	586	610	633	656	677	698	717	736	752	768
-18.75°	538	564	588	610	631	652	671	690	707	724	738
-20°	513	539	564	586	607	626	645	662	678	694	708
-21.25°	487	513	538	560	581	600	617	634	650	664	677



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	458	485	510	532	553	573	590	606	620	634	646
-23.75°	428	454	480	503	524	543	561	577	591	604	615
-25°	397	422	447	471	492	512	529	546	560	573	584
-26.25°	367	390	414	436	458	478	496	513	527	540	551
-27.5°	337	359	380	401	422	442	460	477	492	505	516
-28.75°	308	328	348	368	386	405	422	438	453	467	479
-30°	281	299	316	335	352	369	385	400	414	427	438
-31.25°	255	272	288	303	318	334	349	363	376	387	398
-32.5°	230	244	259	274	288	301	313	326	339	350	359
-33.75°	207	221	233	245	258	271	283	293	303	312	321
-35°	185	197	209	220	231	241	252	262	272	280	288
-36.25°	166	176	185	195	206	216	225	233	241	248	255
-37.5°	146	156	165	174	182	190	198	206	214	220	226
-38.75°	130	137	145	153	161	168	175	181	187	193	199
-40°	114	121	128	135	141	147	154	160	165	170	174
-41.25°	100	105	112	118	124	129	134	139	143	148	152
-42.5°	87	93	98	102	107	112	117	121	125	129	132
-43.75°	75	80	85	89	93	97	101	104	108	111	114
-45°	66	70	73	76	80	84	87	90	93	96	98
-46.25°	57	60	64	67	69	72	74	77	79	82	84
-47.5°	50	52	55	57	60	62	65	67	69	70	72
-48.75°	43	45	47	49	51	53	55	57	58	60	62
-50°	37	38	40	42	44	46	47	49	50	51	52
-51.25°	31	33	34	36	37	39	40	41	42	44	45
-52.5°	26	28	29	30	32	33	34	35	36	37	38
-53.75°	22	24	25	26	27	27	28	29	30	31	32
-55°	19	19	20	21	22	23	24	25	25	26	26
-56.25°	16	17	17	18	18	19	20	20	21	21	22
-57.5°	13	14	14	15	16	16	17	17	17	18	18
-58.75°	11	12	12	12	13	13	14	14	14	15	15
-60°	9	10	10	11	11	11	11	12	12	12	12
-61.25°	8	8	9	9	9	9	10	10	10	10	10
-62.5°	7	7	7	7	8	8	8	8	8	8	9
-63.75°	5	5	6	6	6	6	7	7	7	7	7
-65°	4	4	4	5	5	5	5	5	5	6	6
-66.25°	3	3	3	3	3	3	4	4	4	4	4
-67.5°	2	2	2	3	3	3	3	3	3	3	3
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	1	1	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	1	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	2	1	1	1	1
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	3	2	2	2	2
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	4	4	4	4	4	4	5	4	4	4	4
65°	6	6	6	6	6	6	6	6	6	6	6
63.75°	7	7	7	7	7	7	8	7	7	7	7
62.5°	9	9	9	9	9	9	9	9	9	9	9
61.25°	11	11	11	11	11	11	11	11	11	11	11
60°	13	13	13	13	13	13	13	13	13	13	13
58.75°	15	16	16	16	16	16	16	16	16	16	16
57.5°	18	18	19	19	19	19	19	19	19	19	19
56.25°	22	23	23	23	23	23	24	23	23	23	23
55°	27	27	27	28	28	28	28	28	28	28	27
53.75°	32	33	33	34	34	34	34	34	34	34	33
52.5°	38	39	39	40	40	40	40	40	40	40	39
51.25°	45	46	47	47	48	48	48	48	48	47	47
50°	53	54	55	55	56	56	56	56	56	55	55
48.75°	63	64	65	66	66	66	67	66	66	66	65
47.5°	73	74	75	76	77	77	77	77	77	76	75
46.25°	86	88	89	90	91	91	91	91	91	90	89
45°	100	102	103	105	105	106	106	106	105	105	103
43.75°	117	119	121	123	124	124	125	124	124	123	121
42.5°	135	138	139	141	142	143	143	143	142	141	139
41.25°	156	159	161	163	165	166	166	166	165	163	161
40°	178	182	184	186	188	189	189	189	188	186	184
38.75°	204	208	211	214	216	217	218	217	216	214	211
37.5°	232	236	240	242	244	246	246	246	244	242	240
36.25°	262	267	272	275	278	279	280	279	278	275	272
35°	294	300	305	308	311	312	313	312	311	308	305



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	330	337	342	347	350	352	353	352	350	347	342
32.5°	368	375	381	386	389	391	392	391	389	386	381
31.25°	407	416	422	428	431	434	435	434	431	428	422
30°	448	457	464	470	474	476	477	476	474	470	464
28.75°	489	497	504	510	514	516	517	516	514	510	504
27.5°	526	535	541	547	550	553	554	553	550	547	541
26.25°	561	570	576	582	585	588	588	588	585	582	576
25°	594	602	609	614	618	620	621	620	618	614	609
23.75°	625	634	642	647	651	654	655	654	651	647	642
22.5°	657	666	673	680	684	687	688	687	684	680	673
21.25°	688	698	706	713	717	720	721	720	717	713	706
20°	720	730	739	745	750	753	754	753	750	745	739
18.75°	750	762	771	779	785	788	789	788	785	779	771
17.5°	782	795	805	813	820	823	825	823	820	813	805
16.25°	814	828	840	849	856	860	862	860	856	849	840
15°	847	862	875	884	891	895	896	895	891	884	875
13.75°	879	894	906	915	922	925	927	925	922	915	906
12.5°	907	922	934	943	950	954	955	954	950	943	934
11.25°	933	947	959	969	975	979	980	979	975	969	959
10°	956	970	982	992	999	1003	1005	1003	999	992	982
8.75°	975	990	1004	1013	1020	1024	1026	1024	1020	1013	1004
7.5°	993	1009	1022	1031	1037	1040	1041	1040	1037	1031	1022
6.25°	1009	1024	1036	1042	1045	1046	1046	1046	1045	1042	1036
5°	1022	1036	1044	1046	1044	1043	1042	1043	1044	1046	1044
3.75°	1031	1042	1046	1043	1039	1035	1033	1035	1039	1043	1046
2.5°	1037	1045	1044	1039	1031	1024	1022	1024	1031	1039	1044
1.25°	1040	1046	1043	1035	1024	1018	1017	1018	1024	1035	1043
0°	1041	1046	1042	1033	1022	1017	1018	1017	1022	1033	1042
-1.25°	1040	1046	1043	1035	1024	1018	1017	1018	1024	1035	1043
-2.5°	1037	1045	1044	1039	1031	1024	1022	1024	1031	1039	1044
-3.75°	1031	1042	1046	1043	1039	1035	1033	1035	1039	1043	1046
-5°	1022	1036	1044	1046	1044	1043	1042	1043	1044	1046	1044
-6.25°	1009	1024	1036	1042	1045	1046	1046	1046	1045	1042	1036
-7.5°	993	1009	1022	1031	1037	1040	1041	1040	1037	1031	1022
-8.75°	975	990	1004	1013	1020	1024	1026	1024	1020	1013	1004
-10°	956	970	982	992	999	1003	1005	1003	999	992	982
-11.25°	933	947	959	969	975	979	980	979	975	969	959
-12.5°	907	922	934	943	950	954	955	954	950	943	934
-13.75°	879	894	906	915	922	925	927	925	922	915	906
-15°	847	862	875	884	891	895	896	895	891	884	875
-16.25°	814	828	840	849	856	860	862	860	856	849	840
-17.5°	782	795	805	813	820	823	825	823	820	813	805
-18.75°	750	762	771	779	785	788	789	788	785	779	771
-20°	720	730	739	745	750	753	754	753	750	745	739
-21.25°	688	698	706	713	717	720	721	720	717	713	706



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	657	666	673	680	684	687	688	687	684	680	673
-23.75°	625	634	642	647	651	654	655	654	651	647	642
-25°	594	602	609	614	618	620	621	620	618	614	609
-26.25°	561	570	576	582	585	588	588	588	585	582	576
-27.5°	526	535	541	547	550	553	554	553	550	547	541
-28.75°	489	497	504	510	514	516	517	516	514	510	504
-30°	448	457	464	470	474	476	477	476	474	470	464
-31.25°	407	416	422	428	431	434	435	434	431	428	422
-32.5°	368	375	381	386	389	391	392	391	389	386	381
-33.75°	330	337	342	347	350	352	353	352	350	347	342
-35°	294	300	305	308	311	312	313	312	311	308	305
-36.25°	262	267	272	275	278	279	280	279	278	275	272
-37.5°	232	236	240	242	244	246	246	246	244	242	240
-38.75°	204	208	211	214	216	217	218	217	216	214	211
-40°	178	182	184	186	188	189	189	189	188	186	184
-41.25°	156	159	161	163	165	166	166	166	165	163	161
-42.5°	135	138	139	141	142	143	143	143	142	141	139
-43.75°	117	119	121	123	124	124	125	124	124	123	121
-45°	100	102	103	105	105	106	106	106	105	105	103
-46.25°	86	88	89	90	91	91	91	91	91	90	89
-47.5°	73	74	75	76	77	77	77	77	77	76	75
-48.75°	63	64	65	66	66	66	67	66	66	66	65
-50°	53	54	55	55	56	56	56	56	56	55	55
-51.25°	45	46	47	47	48	48	48	48	48	47	47
-52.5°	38	39	39	40	40	40	40	40	40	40	39
-53.75°	32	33	33	34	34	34	34	34	34	34	33
-55°	27	27	27	28	28	28	28	28	28	28	27
-56.25°	22	23	23	23	23	23	24	23	23	23	23
-57.5°	18	18	19	19	19	19	19	19	19	19	19
-58.75°	15	16	16	16	16	16	16	16	16	16	16
-60°	13	13	13	13	13	13	13	13	13	13	13
-61.25°	11	11	11	11	11	11	11	11	11	11	11
-62.5°	9	9	9	9	9	9	9	9	9	9	9
-63.75°	7	7	7	7	7	7	8	7	7	7	7
-65°	6	6	6	6	6	6	6	6	6	6	6
-66.25°	4	4	4	4	4	4	5	4	4	4	4
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	2	2	2	2	2	2	3	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	2	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	0	1	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	3	3	3	3	3	3	3	3	3	3	2
66.25°	4	4	4	4	4	4	4	3	3	3	3
65°	6	6	6	6	5	5	5	5	5	5	4
63.75°	7	7	7	7	7	7	7	6	6	6	6
62.5°	9	9	9	8	8	8	8	8	8	7	7
61.25°	11	11	10	10	10	10	10	9	9	9	9
60°	13	13	12	12	12	12	11	11	11	11	10
58.75°	16	15	15	15	14	14	14	13	13	12	12
57.5°	18	18	18	18	17	17	17	16	16	15	14
56.25°	23	22	22	21	21	20	20	19	18	18	17
55°	27	27	26	26	25	25	24	23	22	21	20
53.75°	33	32	32	31	30	29	28	27	27	26	25
52.5°	39	38	38	37	36	35	34	33	32	30	29
51.25°	46	45	45	44	42	41	40	39	37	36	34
50°	54	53	52	51	50	49	47	46	44	42	40
48.75°	64	63	62	60	58	57	55	53	51	49	47
47.5°	74	73	72	70	69	67	65	62	60	57	55
46.25°	88	86	84	82	79	77	74	72	69	67	64
45°	102	100	98	96	93	90	87	84	80	76	73
43.75°	119	117	114	111	108	104	101	97	93	89	85
42.5°	138	135	132	129	125	121	117	112	107	102	98
41.25°	159	156	152	148	143	139	134	129	124	118	112
40°	182	178	174	170	165	160	154	147	141	135	128
38.75°	208	204	199	193	187	181	175	168	161	153	145
37.5°	236	232	226	220	214	206	198	190	182	174	165
36.25°	267	262	255	248	241	233	225	216	206	195	185
35°	300	294	288	280	272	262	252	241	231	220	209



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	337	330	321	312	303	293	283	271	258	245	233
32.5°	375	368	359	350	339	326	313	301	288	274	259
31.25°	416	407	398	387	376	363	349	334	318	303	288
30°	457	448	438	427	414	400	385	369	352	335	316
28.75°	497	489	479	467	453	438	422	405	386	368	348
27.5°	535	526	516	505	492	477	460	442	422	401	380
26.25°	570	561	551	540	527	513	496	478	458	436	414
25°	602	594	584	573	560	546	529	512	492	471	447
23.75°	634	625	615	604	591	577	561	543	524	503	480
22.5°	666	657	646	634	620	606	590	573	553	532	510
21.25°	698	688	677	664	650	634	617	600	581	560	538
20°	730	720	708	694	678	662	645	626	607	586	564
18.75°	762	750	738	724	707	690	671	652	631	610	588
17.5°	795	782	768	752	736	717	698	677	656	633	610
16.25°	828	814	799	782	763	744	724	702	679	656	631
15°	862	847	830	811	791	770	748	726	702	677	652
13.75°	894	879	861	841	819	796	772	748	724	698	671
12.5°	922	907	890	870	846	821	796	770	744	717	690
11.25°	947	933	916	896	873	846	819	791	763	736	707
10°	970	956	938	918	896	870	841	811	782	752	724
8.75°	990	975	958	938	916	890	861	830	799	768	738
7.5°	1009	993	975	956	933	907	879	847	814	782	750
6.25°	1024	1009	990	970	947	922	894	862	828	795	762
5°	1036	1022	1004	982	959	934	906	875	840	805	771
3.75°	1042	1031	1013	992	969	943	915	884	849	813	779
2.5°	1045	1037	1020	999	975	950	922	891	856	820	785
1.25°	1046	1040	1024	1003	979	954	925	895	860	823	788
0°	1046	1041	1026	1005	980	955	927	896	862	825	789
-1.25°	1046	1040	1024	1003	979	954	925	895	860	823	788
-2.5°	1045	1037	1020	999	975	950	922	891	856	820	785
-3.75°	1042	1031	1013	992	969	943	915	884	849	813	779
-5°	1036	1022	1004	982	959	934	906	875	840	805	771
-6.25°	1024	1009	990	970	947	922	894	862	828	795	762
-7.5°	1009	993	975	956	933	907	879	847	814	782	750
-8.75°	990	975	958	938	916	890	861	830	799	768	738
-10°	970	956	938	918	896	870	841	811	782	752	724
-11.25°	947	933	916	896	873	846	819	791	763	736	707
-12.5°	922	907	890	870	846	821	796	770	744	717	690
-13.75°	894	879	861	841	819	796	772	748	724	698	671
-15°	862	847	830	811	791	770	748	726	702	677	652
-16.25°	828	814	799	782	763	744	724	702	679	656	631
-17.5°	795	782	768	752	736	717	698	677	656	633	610
-18.75°	762	750	738	724	707	690	671	652	631	610	588
-20°	730	720	708	694	678	662	645	626	607	586	564
-21.25°	698	688	677	664	650	634	617	600	581	560	538



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	666	657	646	634	620	606	590	573	553	532	510
-23.75°	634	625	615	604	591	577	561	543	524	503	480
-25°	602	594	584	573	560	546	529	512	492	471	447
-26.25°	570	561	551	540	527	513	496	478	458	436	414
-27.5°	535	526	516	505	492	477	460	442	422	401	380
-28.75°	497	489	479	467	453	438	422	405	386	368	348
-30°	457	448	438	427	414	400	385	369	352	335	316
-31.25°	416	407	398	387	376	363	349	334	318	303	288
-32.5°	375	368	359	350	339	326	313	301	288	274	259
-33.75°	337	330	321	312	303	293	283	271	258	245	233
-35°	300	294	288	280	272	262	252	241	231	220	209
-36.25°	267	262	255	248	241	233	225	216	206	195	185
-37.5°	236	232	226	220	214	206	198	190	182	174	165
-38.75°	208	204	199	193	187	181	175	168	161	153	145
-40°	182	178	174	170	165	160	154	147	141	135	128
-41.25°	159	156	152	148	143	139	134	129	124	118	112
-42.5°	138	135	132	129	125	121	117	112	107	102	98
-43.75°	119	117	114	111	108	104	101	97	93	89	85
-45°	102	100	98	96	93	90	87	84	80	76	73
-46.25°	88	86	84	82	79	77	74	72	69	67	64
-47.5°	74	73	72	70	69	67	65	62	60	57	55
-48.75°	64	63	62	60	58	57	55	53	51	49	47
-50°	54	53	52	51	50	49	47	46	44	42	40
-51.25°	46	45	45	44	42	41	40	39	37	36	34
-52.5°	39	38	38	37	36	35	34	33	32	30	29
-53.75°	33	32	32	31	30	29	28	27	27	26	25
-55°	27	27	26	26	25	25	24	23	22	21	20
-56.25°	23	22	22	21	21	20	20	19	18	18	17
-57.5°	18	18	18	18	17	17	17	16	16	15	14
-58.75°	16	15	15	15	14	14	14	13	13	12	12
-60°	13	13	12	12	12	12	11	11	11	11	10
-61.25°	11	11	10	10	10	10	10	9	9	9	9
-62.5°	9	9	9	8	8	8	8	8	8	7	7
-63.75°	7	7	7	7	7	7	7	6	6	6	6
-65°	6	6	6	6	5	5	5	5	5	5	4
-66.25°	4	4	4	4	4	4	4	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	0	0	0	0	0	0	0	0	0
71.25°	1	1	1	1	1	1	1	1	0	0	0
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	2	2	2	2	2	2	2	1	1	1	1
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	3	3	3	3	3	2	2	2	2	2	2
65°	4	4	4	3	3	3	3	3	3	2	2
63.75°	5	5	5	5	4	4	4	3	3	3	3
62.5°	7	7	6	6	6	5	5	5	4	4	4
61.25°	8	8	8	7	7	7	6	6	6	5	5
60°	10	9	9	9	8	8	8	7	7	6	6
58.75°	12	11	11	10	10	9	9	8	8	8	7
57.5°	14	13	13	12	12	11	11	10	9	9	8
56.25°	17	16	15	14	14	13	12	12	11	10	10
55°	19	19	18	17	16	15	14	13	13	12	11
53.75°	24	22	21	20	19	18	17	16	15	14	13
52.5°	28	26	25	24	23	21	20	18	17	16	15
51.25°	33	31	30	28	26	25	23	22	20	19	17
50°	38	37	35	33	31	29	27	25	24	22	20
48.75°	45	43	40	38	36	34	32	30	27	26	24
47.5°	52	50	47	44	42	39	37	34	32	29	27
46.25°	60	57	54	51	48	45	42	39	37	34	31
45°	70	66	63	59	55	52	49	45	42	39	36
43.75°	80	75	72	68	64	59	55	51	48	44	40
42.5°	93	87	82	77	72	68	63	58	54	50	46
41.25°	105	100	94	88	82	76	71	66	61	56	52
40°	121	114	107	100	94	87	81	74	69	64	58
38.75°	137	130	122	114	106	99	92	84	77	71	65
37.5°	156	146	138	129	120	111	103	95	87	79	73
36.25°	176	166	155	144	135	126	116	106	98	90	81
35°	197	185	174	163	151	140	130	119	109	100	91



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	221	207	193	181	169	156	143	133	122	110	101
32.5°	244	230	216	201	186	173	160	146	134	123	111
31.25°	272	255	238	223	207	190	176	162	148	135	123
30°	299	281	263	245	228	211	193	178	163	148	134
28.75°	328	308	289	269	249	231	213	194	178	162	146
27.5°	359	337	314	294	273	252	232	213	193	176	160
26.25°	390	367	343	319	296	274	252	231	211	190	173
25°	422	397	372	346	320	296	273	249	228	207	186
23.75°	454	428	400	373	346	319	294	269	245	223	201
22.5°	485	458	429	400	372	343	314	289	263	238	216
21.25°	513	487	458	428	397	367	337	308	281	255	230
20°	539	513	485	454	422	390	359	328	299	272	244
18.75°	564	538	510	480	447	414	380	348	316	288	259
17.5°	586	560	532	503	471	436	401	368	335	303	274
16.25°	607	581	553	524	492	458	422	386	352	318	288
15°	626	600	573	543	512	478	442	405	369	334	301
13.75°	645	617	590	561	529	496	460	422	385	349	313
12.5°	662	634	606	577	546	513	477	438	400	363	326
11.25°	678	650	620	591	560	527	492	453	414	376	339
10°	694	664	634	604	573	540	505	467	427	387	350
8.75°	708	677	646	615	584	551	516	479	438	398	359
7.5°	720	688	657	625	594	561	526	489	448	407	368
6.25°	730	698	666	634	602	570	535	497	457	416	375
5°	739	706	673	642	609	576	541	504	464	422	381
3.75°	745	713	680	647	614	582	547	510	470	428	386
2.5°	750	717	684	651	618	585	550	514	474	431	389
1.25°	753	720	687	654	620	588	553	516	476	434	391
0°	754	721	688	655	621	588	554	517	477	435	392
-1.25°	753	720	687	654	620	588	553	516	476	434	391
-2.5°	750	717	684	651	618	585	550	514	474	431	389
-3.75°	745	713	680	647	614	582	547	510	470	428	386
-5°	739	706	673	642	609	576	541	504	464	422	381
-6.25°	730	698	666	634	602	570	535	497	457	416	375
-7.5°	720	688	657	625	594	561	526	489	448	407	368
-8.75°	708	677	646	615	584	551	516	479	438	398	359
-10°	694	664	634	604	573	540	505	467	427	387	350
-11.25°	678	650	620	591	560	527	492	453	414	376	339
-12.5°	662	634	606	577	546	513	477	438	400	363	326
-13.75°	645	617	590	561	529	496	460	422	385	349	313
-15°	626	600	573	543	512	478	442	405	369	334	301
-16.25°	607	581	553	524	492	458	422	386	352	318	288
-17.5°	586	560	532	503	471	436	401	368	335	303	274
-18.75°	564	538	510	480	447	414	380	348	316	288	259
-20°	539	513	485	454	422	390	359	328	299	272	244
-21.25°	513	487	458	428	397	367	337	308	281	255	230



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	485	458	429	400	372	343	314	289	263	238	216
-23.75°	454	428	400	373	346	319	294	269	245	223	201
-25°	422	397	372	346	320	296	273	249	228	207	186
-26.25°	390	367	343	319	296	274	252	231	211	190	173
-27.5°	359	337	314	294	273	252	232	213	193	176	160
-28.75°	328	308	289	269	249	231	213	194	178	162	146
-30°	299	281	263	245	228	211	193	178	163	148	134
-31.25°	272	255	238	223	207	190	176	162	148	135	123
-32.5°	244	230	216	201	186	173	160	146	134	123	111
-33.75°	221	207	193	181	169	156	143	133	122	110	101
-35°	197	185	174	163	151	140	130	119	109	100	91
-36.25°	176	166	155	144	135	126	116	106	98	90	81
-37.5°	156	146	138	129	120	111	103	95	87	79	73
-38.75°	137	130	122	114	106	99	92	84	77	71	65
-40°	121	114	107	100	94	87	81	74	69	64	58
-41.25°	105	100	94	88	82	76	71	66	61	56	52
-42.5°	93	87	82	77	72	68	63	58	54	50	46
-43.75°	80	75	72	68	64	59	55	51	48	44	40
-45°	70	66	63	59	55	52	49	45	42	39	36
-46.25°	60	57	54	51	48	45	42	39	37	34	31
-47.5°	52	50	47	44	42	39	37	34	32	29	27
-48.75°	45	43	40	38	36	34	32	30	27	26	24
-50°	38	37	35	33	31	29	27	25	24	22	20
-51.25°	33	31	30	28	26	25	23	22	20	19	17
-52.5°	28	26	25	24	23	21	20	18	17	16	15
-53.75°	24	22	21	20	19	18	17	16	15	14	13
-55°	19	19	18	17	16	15	14	13	13	12	11
-56.25°	17	16	15	14	14	13	12	12	11	10	10
-57.5°	14	13	13	12	12	11	11	10	9	9	8
-58.75°	12	11	11	10	10	9	9	8	8	8	7
-60°	10	9	9	9	8	8	8	7	7	6	6
-61.25°	8	8	8	7	7	7	6	6	6	5	5
-62.5°	7	7	6	6	6	5	5	5	4	4	4
-63.75°	5	5	5	5	4	4	4	3	3	3	3
-65°	4	4	4	3	3	3	3	3	3	2	2
-66.25°	3	3	3	3	3	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	0	0	0
-72.5°	1	1	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	1	1	0	0	0	0	0	0	0	0	0
68.75°	1	1	1	1	1	0	0	0	0	0	0
67.5°	1	1	1	1	1	1	1	1	0	0	0
66.25°	2	2	2	1	1	1	1	1	1	1	0
65°	2	2	2	2	2	2	1	1	1	1	1
63.75°	3	2	2	2	2	2	2	2	1	1	1
62.5°	3	3	3	3	2	2	2	2	2	2	1
61.25°	4	4	3	3	3	3	2	2	2	2	2
60°	5	5	5	4	4	3	3	3	2	2	2
58.75°	7	6	6	5	5	4	4	3	3	3	2
57.5°	8	7	7	6	6	5	5	4	3	3	3
56.25°	9	8	8	7	7	6	6	5	4	4	3
55°	11	10	9	8	8	7	7	6	5	5	4
53.75°	12	11	11	10	9	8	8	7	6	6	5
52.5°	14	13	12	11	10	9	9	8	7	7	6
51.25°	16	15	14	13	12	11	10	9	8	8	7
50°	19	17	16	15	13	12	11	10	9	8	8
48.75°	22	20	18	17	15	14	13	12	11	9	9
47.5°	25	23	21	19	17	16	14	13	12	11	10
46.25°	28	26	24	22	19	18	16	15	13	12	11
45°	33	30	27	25	22	20	18	16	15	13	12
43.75°	37	34	31	28	25	23	20	18	16	15	13
42.5°	42	38	35	32	28	26	23	21	18	16	15
41.25°	48	43	39	36	32	29	26	23	20	18	16
40°	53	49	44	40	36	32	29	26	23	20	18
38.75°	60	54	49	45	40	36	32	28	25	22	19
37.5°	67	60	55	50	45	40	36	32	28	25	22
36.25°	74	67	61	55	49	44	39	35	31	27	24
35°	82	74	67	60	54	49	43	38	34	30	26



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	91	82	74	67	60	53	48	42	37	33	28
32.5°	101	91	81	73	65	58	52	46	40	36	31
31.25°	110	100	90	79	71	64	56	50	44	39	34
30°	122	109	98	87	77	69	61	54	48	42	37
28.75°	133	119	106	95	84	74	66	58	51	45	39
27.5°	143	130	116	103	92	81	71	63	55	49	42
26.25°	156	140	126	111	99	87	76	68	59	52	45
25°	169	151	135	120	106	94	82	72	64	55	48
23.75°	181	163	144	129	114	100	88	77	68	59	51
22.5°	193	174	155	138	122	107	94	82	72	63	54
21.25°	207	185	166	146	130	114	100	87	75	66	57
20°	221	197	176	156	137	121	105	93	80	70	60
18.75°	233	209	185	165	145	128	112	98	85	73	64
17.5°	245	220	195	174	153	135	118	102	89	76	67
16.25°	258	231	206	182	161	141	124	107	93	80	69
15°	271	241	216	190	168	147	129	112	97	84	72
13.75°	283	252	225	198	175	154	134	117	101	87	74
12.5°	293	262	233	206	181	160	139	121	104	90	77
11.25°	303	272	241	214	187	165	143	125	108	93	79
10°	312	280	248	220	193	170	148	129	111	96	82
8.75°	321	288	255	226	199	174	152	132	114	98	84
7.5°	330	294	262	232	204	178	156	135	117	100	86
6.25°	337	300	267	236	208	182	159	138	119	102	88
5°	342	305	272	240	211	184	161	139	121	103	89
3.75°	347	308	275	242	214	186	163	141	123	105	90
2.5°	350	311	278	244	216	188	165	142	124	105	91
1.25°	352	312	279	246	217	189	166	143	124	106	91
0°	353	313	280	246	218	189	166	143	125	106	91
-1.25°	352	312	279	246	217	189	166	143	124	106	91
-2.5°	350	311	278	244	216	188	165	142	124	105	91
-3.75°	347	308	275	242	214	186	163	141	123	105	90
-5°	342	305	272	240	211	184	161	139	121	103	89
-6.25°	337	300	267	236	208	182	159	138	119	102	88
-7.5°	330	294	262	232	204	178	156	135	117	100	86
-8.75°	321	288	255	226	199	174	152	132	114	98	84
-10°	312	280	248	220	193	170	148	129	111	96	82
-11.25°	303	272	241	214	187	165	143	125	108	93	79
-12.5°	293	262	233	206	181	160	139	121	104	90	77
-13.75°	283	252	225	198	175	154	134	117	101	87	74
-15°	271	241	216	190	168	147	129	112	97	84	72
-16.25°	258	231	206	182	161	141	124	107	93	80	69
-17.5°	245	220	195	174	153	135	118	102	89	76	67
-18.75°	233	209	185	165	145	128	112	98	85	73	64
-20°	221	197	176	156	137	121	105	93	80	70	60
-21.25°	207	185	166	146	130	114	100	87	75	66	57



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	193	174	155	138	122	107	94	82	72	63	54
-23.75°	181	163	144	129	114	100	88	77	68	59	51
-25°	169	151	135	120	106	94	82	72	64	55	48
-26.25°	156	140	126	111	99	87	76	68	59	52	45
-27.5°	143	130	116	103	92	81	71	63	55	49	42
-28.75°	133	119	106	95	84	74	66	58	51	45	39
-30°	122	109	98	87	77	69	61	54	48	42	37
-31.25°	110	100	90	79	71	64	56	50	44	39	34
-32.5°	101	91	81	73	65	58	52	46	40	36	31
-33.75°	91	82	74	67	60	53	48	42	37	33	28
-35°	82	74	67	60	54	49	43	38	34	30	26
-36.25°	74	67	61	55	49	44	39	35	31	27	24
-37.5°	67	60	55	50	45	40	36	32	28	25	22
-38.75°	60	54	49	45	40	36	32	28	25	22	19
-40°	53	49	44	40	36	32	29	26	23	20	18
-41.25°	48	43	39	36	32	29	26	23	20	18	16
-42.5°	42	38	35	32	28	26	23	21	18	16	15
-43.75°	37	34	31	28	25	23	20	18	16	15	13
-45°	33	30	27	25	22	20	18	16	15	13	12
-46.25°	28	26	24	22	19	18	16	15	13	12	11
-47.5°	25	23	21	19	17	16	14	13	12	11	10
-48.75°	22	20	18	17	15	14	13	12	11	9	9
-50°	19	17	16	15	13	12	11	10	9	8	8
-51.25°	16	15	14	13	12	11	10	9	8	8	7
-52.5°	14	13	12	11	10	9	9	8	7	7	6
-53.75°	12	11	11	10	9	8	8	7	6	6	5
-55°	11	10	9	8	8	7	7	6	5	5	4
-56.25°	9	8	8	7	7	6	6	5	4	4	3
-57.5°	8	7	7	6	6	5	5	4	3	3	3
-58.75°	7	6	6	5	5	4	4	3	3	3	2
-60°	5	5	5	4	4	3	3	3	2	2	2
-61.25°	4	4	3	3	3	3	2	2	2	2	2
-62.5°	3	3	3	3	2	2	2	2	2	2	1
-63.75°	3	2	2	2	2	2	2	2	1	1	1
-65°	2	2	2	2	2	2	1	1	1	1	1
-66.25°	2	2	2	1	1	1	1	1	1	1	0
-67.5°	1	1	1	1	1	1	1	1	0	0	0
-68.75°	1	1	1	1	1	0	0	0	0	0	0
-70°	1	1	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	1	0	0	0	0	0	0	0	0	0	0
63.75°	1	1	1	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	0	0	0	0	0	0
61.25°	2	1	1	1	1	1	0	0	0	0	0
60°	2	2	1	1	1	1	1	0	0	0	0
58.75°	2	2	2	2	1	1	1	1	0	0	0
57.5°	3	2	2	2	2	1	1	1	1	0	0
56.25°	3	3	2	2	2	2	1	1	1	1	0
55°	3	3	3	2	2	2	2	1	1	1	1
53.75°	4	4	3	3	2	2	2	2	1	1	1
52.5°	5	4	4	3	3	2	2	2	2	1	1
51.25°	6	5	4	4	3	3	2	2	2	2	1
50°	7	6	5	4	4	3	3	2	2	2	1
48.75°	8	7	6	5	4	4	3	3	2	2	2
47.5°	9	8	7	6	5	4	3	3	3	2	2
46.25°	10	9	8	7	6	5	4	3	3	2	2
45°	11	9	8	8	7	6	5	4	3	3	2
43.75°	12	11	9	8	7	6	5	4	3	3	2
42.5°	13	12	10	9	8	7	6	5	4	3	3
41.25°	14	13	11	10	9	8	7	6	5	4	3
40°	16	14	12	11	9	8	7	6	5	4	3
38.75°	17	15	13	12	10	9	8	7	6	5	4
37.5°	19	17	15	13	11	10	8	7	6	5	4
36.25°	21	18	16	14	12	11	9	8	7	6	5
35°	23	20	17	15	13	11	10	8	7	6	5



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
33.75°	25	22	19	16	14	12	11	9	8	7	5
32.5°	27	24	20	17	15	13	11	10	8	7	6
31.25°	29	26	22	19	16	14	12	10	9	8	6
30°	32	27	24	20	17	15	13	11	9	8	7
28.75°	34	30	25	22	18	16	13	12	10	8	7
27.5°	37	32	27	23	20	17	14	12	11	9	8
26.25°	39	34	29	25	21	18	15	13	11	9	8
25°	42	36	31	26	23	19	16	14	12	10	8
23.75°	44	38	33	28	24	20	17	14	12	10	9
22.5°	47	40	35	30	25	21	18	15	13	11	9
21.25°	50	43	37	31	26	22	19	16	13	11	9
20°	52	45	38	33	28	24	19	17	14	12	10
18.75°	55	47	40	34	29	25	20	17	14	12	10
17.5°	57	49	42	36	30	26	21	18	15	12	11
16.25°	60	51	44	37	32	27	22	18	16	13	11
15°	62	53	46	39	33	27	23	19	16	13	11
13.75°	65	55	47	40	34	28	24	20	17	14	11
12.5°	67	57	49	41	35	29	25	20	17	14	12
11.25°	69	58	50	42	36	30	25	21	17	14	12
10°	70	60	51	44	37	31	26	21	18	15	12
8.75°	72	62	52	45	38	32	26	22	18	15	12
7.5°	73	63	53	45	38	32	27	22	18	15	13
6.25°	74	64	54	46	39	33	27	23	18	16	13
5°	75	65	55	47	39	33	27	23	19	16	13
3.75°	76	66	55	47	40	34	28	23	19	16	13
2.5°	77	66	56	48	40	34	28	23	19	16	13
1.25°	77	66	56	48	40	34	28	23	19	16	13
0°	77	67	56	48	40	34	28	24	19	16	13
-1.25°	77	66	56	48	40	34	28	23	19	16	13
-2.5°	77	66	56	48	40	34	28	23	19	16	13
-3.75°	76	66	55	47	40	34	28	23	19	16	13
-5°	75	65	55	47	39	33	27	23	19	16	13
-6.25°	74	64	54	46	39	33	27	23	18	16	13
-7.5°	73	63	53	45	38	32	27	22	18	15	13
-8.75°	72	62	52	45	38	32	26	22	18	15	12
-10°	70	60	51	44	37	31	26	21	18	15	12
-11.25°	69	58	50	42	36	30	25	21	17	14	12
-12.5°	67	57	49	41	35	29	25	20	17	14	12
-13.75°	65	55	47	40	34	28	24	20	17	14	11
-15°	62	53	46	39	33	27	23	19	16	13	11
-16.25°	60	51	44	37	32	27	22	18	16	13	11
-17.5°	57	49	42	36	30	26	21	18	15	12	11
-18.75°	55	47	40	34	29	25	20	17	14	12	10
-20°	52	45	38	33	28	24	19	17	14	12	10
-21.25°	50	43	37	31	26	22	19	16	13	11	9



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	47	40	35	30	25	21	18	15	13	11	9
-23.75°	44	38	33	28	24	20	17	14	12	10	9
-25°	42	36	31	26	23	19	16	14	12	10	8
-26.25°	39	34	29	25	21	18	15	13	11	9	8
-27.5°	37	32	27	23	20	17	14	12	11	9	8
-28.75°	34	30	25	22	18	16	13	12	10	8	7
-30°	32	27	24	20	17	15	13	11	9	8	7
-31.25°	29	26	22	19	16	14	12	10	9	8	6
-32.5°	27	24	20	17	15	13	11	10	8	7	6
-33.75°	25	22	19	16	14	12	11	9	8	7	5
-35°	23	20	17	15	13	11	10	8	7	6	5
-36.25°	21	18	16	14	12	11	9	8	7	6	5
-37.5°	19	17	15	13	11	10	8	7	6	5	4
-38.75°	17	15	13	12	10	9	8	7	6	5	4
-40°	16	14	12	11	9	8	7	6	5	4	3
-41.25°	14	13	11	10	9	8	7	6	5	4	3
-42.5°	13	12	10	9	8	7	6	5	4	3	3
-43.75°	12	11	9	8	7	6	5	4	3	3	2
-45°	11	9	8	8	7	6	5	4	3	3	2
-46.25°	10	9	8	7	6	5	4	3	3	2	2
-47.5°	9	8	7	6	5	4	3	3	3	2	2
-48.75°	8	7	6	5	4	4	3	3	2	2	2
-50°	7	6	5	4	4	3	3	2	2	2	1
-51.25°	6	5	4	4	3	3	2	2	2	2	1
-52.5°	5	4	4	3	3	2	2	2	2	1	1
-53.75°	4	4	3	3	2	2	2	2	1	1	1
-55°	3	3	3	2	2	2	2	1	1	1	1
-56.25°	3	3	2	2	2	2	1	1	1	1	0
-57.5°	3	2	2	2	2	1	1	1	1	0	0
-58.75°	2	2	2	2	1	1	1	1	0	0	0
-60°	2	2	1	1	1	1	1	0	0	0	0
-61.25°	2	1	1	1	1	1	0	0	0	0	0
-62.5°	1	1	1	1	1	0	0	0	0	0	0
-63.75°	1	1	1	0	0	0	0	0	0	0	0
-65°	1	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	61.25°	62.5°	63.75°	65°	66.25°	67.5°	68.75°	70°	71.25°	72.5°	73.75°
33.75°	4	3	3	2	2	1	1	1	0	0	0
32.5°	5	4	3	2	2	2	1	1	0	0	0
31.25°	5	4	3	2	2	2	1	1	0	0	0
30°	6	4	3	3	2	2	1	1	0	0	0
28.75°	6	5	3	3	2	2	1	1	1	0	0
27.5°	6	5	4	3	2	2	2	1	1	0	0
26.25°	7	5	4	3	2	2	2	1	1	0	0
25°	7	6	4	3	3	2	2	1	1	0	0
23.75°	7	6	5	3	3	2	2	1	1	0	0
22.5°	8	6	5	4	3	2	2	1	1	0	0
21.25°	8	7	5	4	3	2	2	1	1	1	0
20°	8	7	5	4	3	2	2	1	1	1	0
18.75°	9	7	6	4	3	2	2	2	1	1	0
17.5°	9	7	6	5	3	3	2	2	1	1	0
16.25°	9	8	6	5	3	3	2	2	1	1	0
15°	9	8	6	5	3	3	2	2	1	1	0
13.75°	10	8	7	5	4	3	2	2	1	1	0
12.5°	10	8	7	5	4	3	2	2	1	1	0
11.25°	10	8	7	5	4	3	2	2	1	1	0
10°	10	8	7	6	4	3	2	2	1	1	0
8.75°	10	9	7	6	4	3	2	2	1	1	0
7.5°	11	9	7	6	4	3	2	2	1	1	0
6.25°	11	9	7	6	4	3	2	2	1	1	0
5°	11	9	7	6	4	3	2	2	1	1	0
3.75°	11	9	7	6	4	3	2	2	1	1	0
2.5°	11	9	7	6	4	3	2	2	1	1	0
1.25°	11	9	7	6	4	3	2	2	1	1	0
0°	11	9	8	6	5	3	3	2	2	1	1
-1.25°	11	9	7	6	4	3	2	2	1	1	0
-2.5°	11	9	7	6	4	3	2	2	1	1	0
-3.75°	11	9	7	6	4	3	2	2	1	1	0
-5°	11	9	7	6	4	3	2	2	1	1	0
-6.25°	11	9	7	6	4	3	2	2	1	1	0
-7.5°	11	9	7	6	4	3	2	2	1	1	0
-8.75°	10	9	7	6	4	3	2	2	1	1	0
-10°	10	8	7	6	4	3	2	2	1	1	0
-11.25°	10	8	7	5	4	3	2	2	1	1	0
-12.5°	10	8	7	5	4	3	2	2	1	1	0
-13.75°	10	8	7	5	4	3	2	2	1	1	0
-15°	9	8	6	5	3	3	2	2	1	1	0
-16.25°	9	8	6	5	3	3	2	2	1	1	0
-17.5°	9	7	6	5	3	3	2	2	1	1	0
-18.75°	9	7	6	4	3	2	2	2	1	1	0
-20°	8	7	5	4	3	2	2	1	1	1	0
-21.25°	8	7	5	4	3	2	2	1	1	1	0



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P29424 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED4080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)