

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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED4080-S-BK-L2-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P29476 (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]-FL-LED4080-S-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, SPOT OPTIC, BLACK HOUSING.
Light Source: (1) 4000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

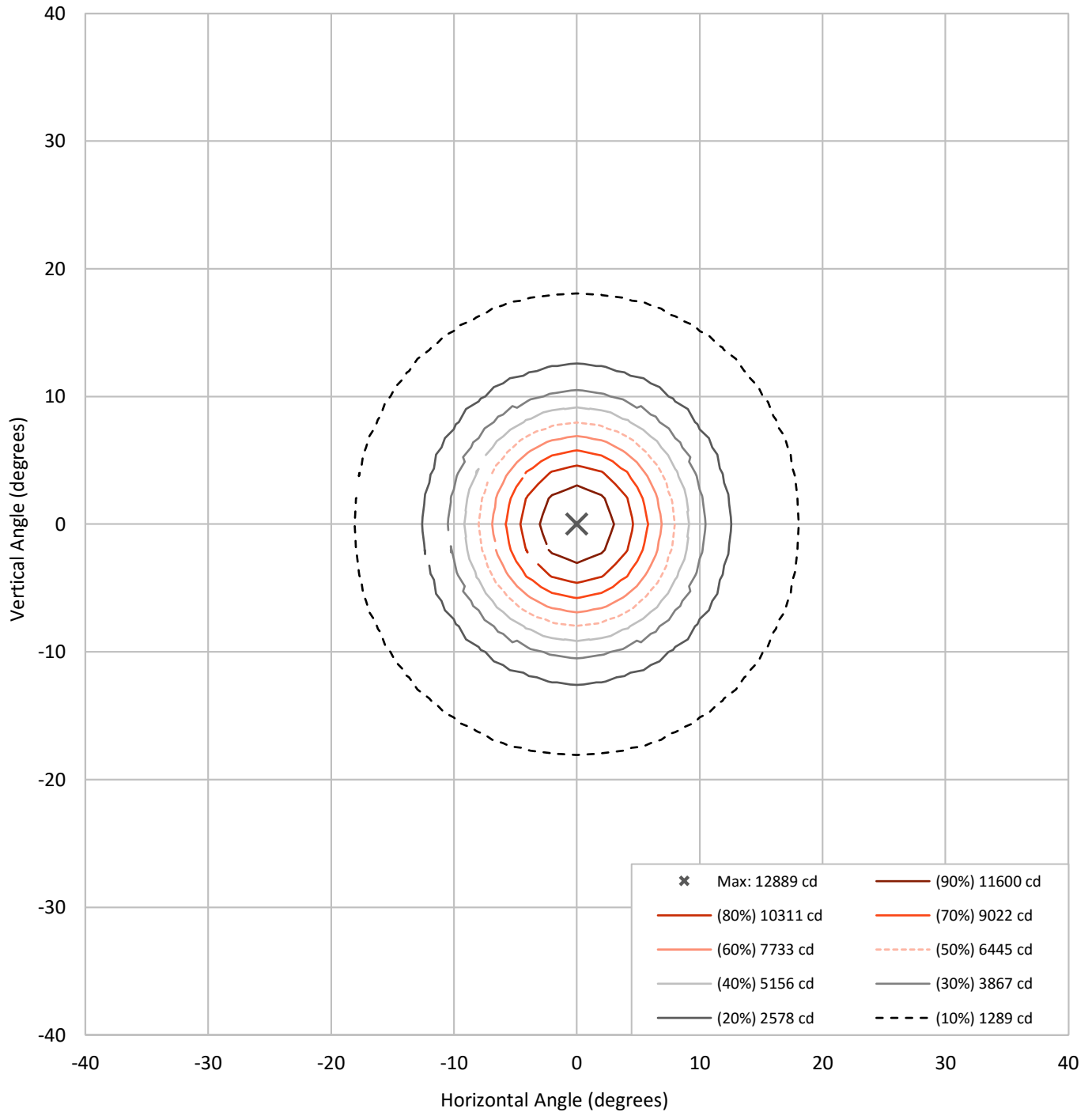
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	1697.4 lumens	Max Intensity:	12889 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	84.4 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	16°H x 16°V	Field Angle (10%):	36.1°H x 36.1°V
Beam Lumens:	554.2 lumens	Field Lumens:	1195.1 lumens
Beam Efficiency:	32.7%	Field Efficiency:	70.4%

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

REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-BK-L2-UNV

Iso-Candela Plot





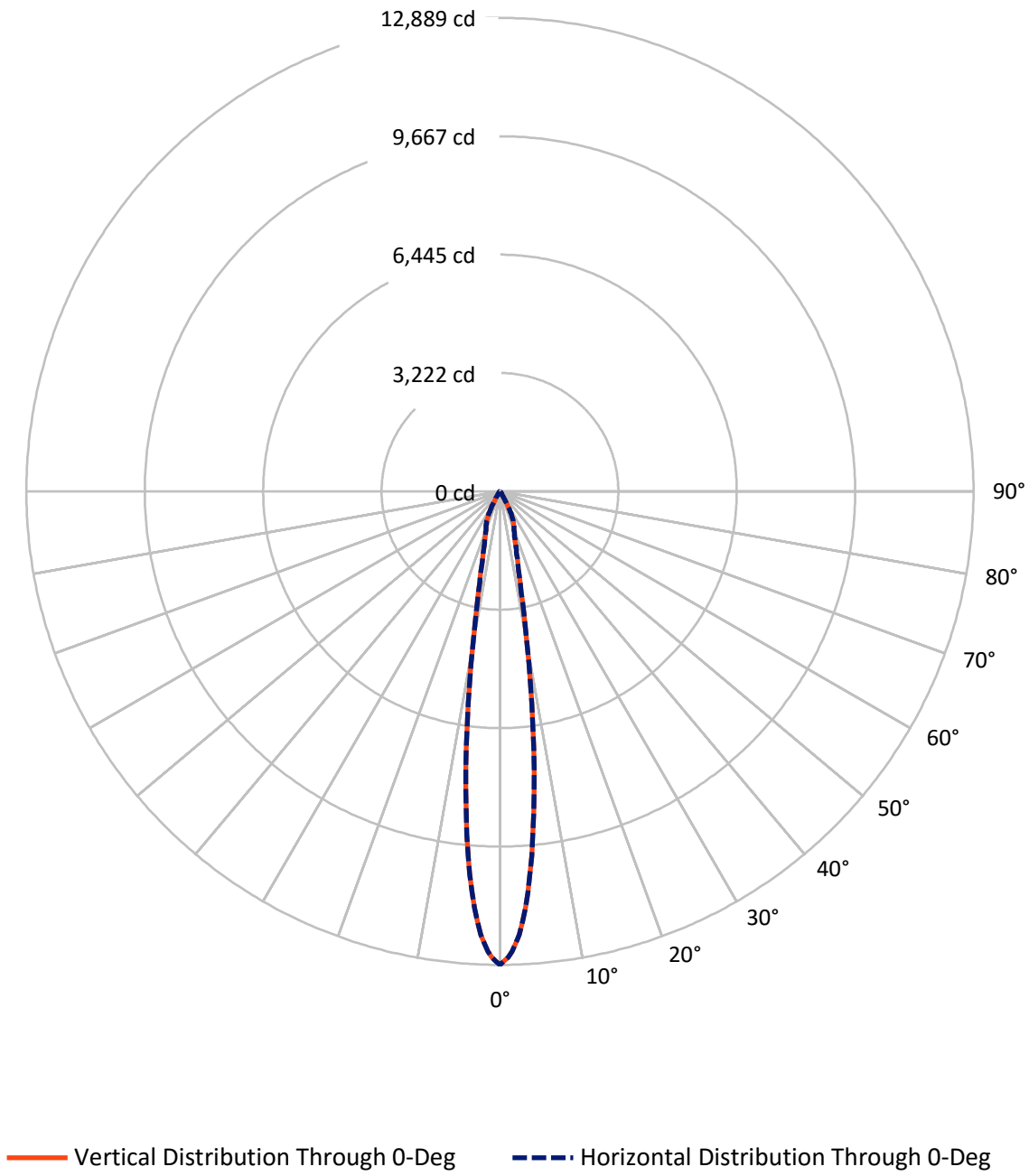
REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-BK-L2-UNV

Lumen Table

90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
80	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
60		0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1		0.0
50	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.0
40		0.0	0.1	0.1	0.2	0.4	1.1	2.2	2.2	1.1	0.4	0.2	0.1	0.1	
30	0.0	0.0	0.1	0.1	0.4	2.4	12.4	21.8	21.8	12.4	2.4	0.4	0.1	0.1	0.0
20		0.0	0.1	0.2	0.9	11.8	31.4	53.2	53.2	31.4	11.8	0.9	0.2	0.1	
10	0.0	0.0	0.1	0.2	1.9	19.9	51.8	208.9	208.9	51.8	19.9	1.9	0.2	0.1	0.0
0		0.0	0.1	0.2	1.9	19.9	51.8	208.9	208.9	51.8	19.9	1.9	0.2	0.1	
-10	0.0	0.0	0.1	0.2	0.9	11.8	31.4	53.2	53.2	31.4	11.8	0.9	0.2	0.1	0.0
-20		0.0	0.1	0.1	0.4	2.4	12.4	21.8	21.8	12.4	2.4	0.4	0.1	0.1	
-30	0.0	0.0	0.1	0.1	0.2	0.4	1.1	2.2	2.2	1.1	0.4	0.2	0.1	0.1	0.0
-40		0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.1	
-50	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0
-60		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	
-70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-80		0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	
-90	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	

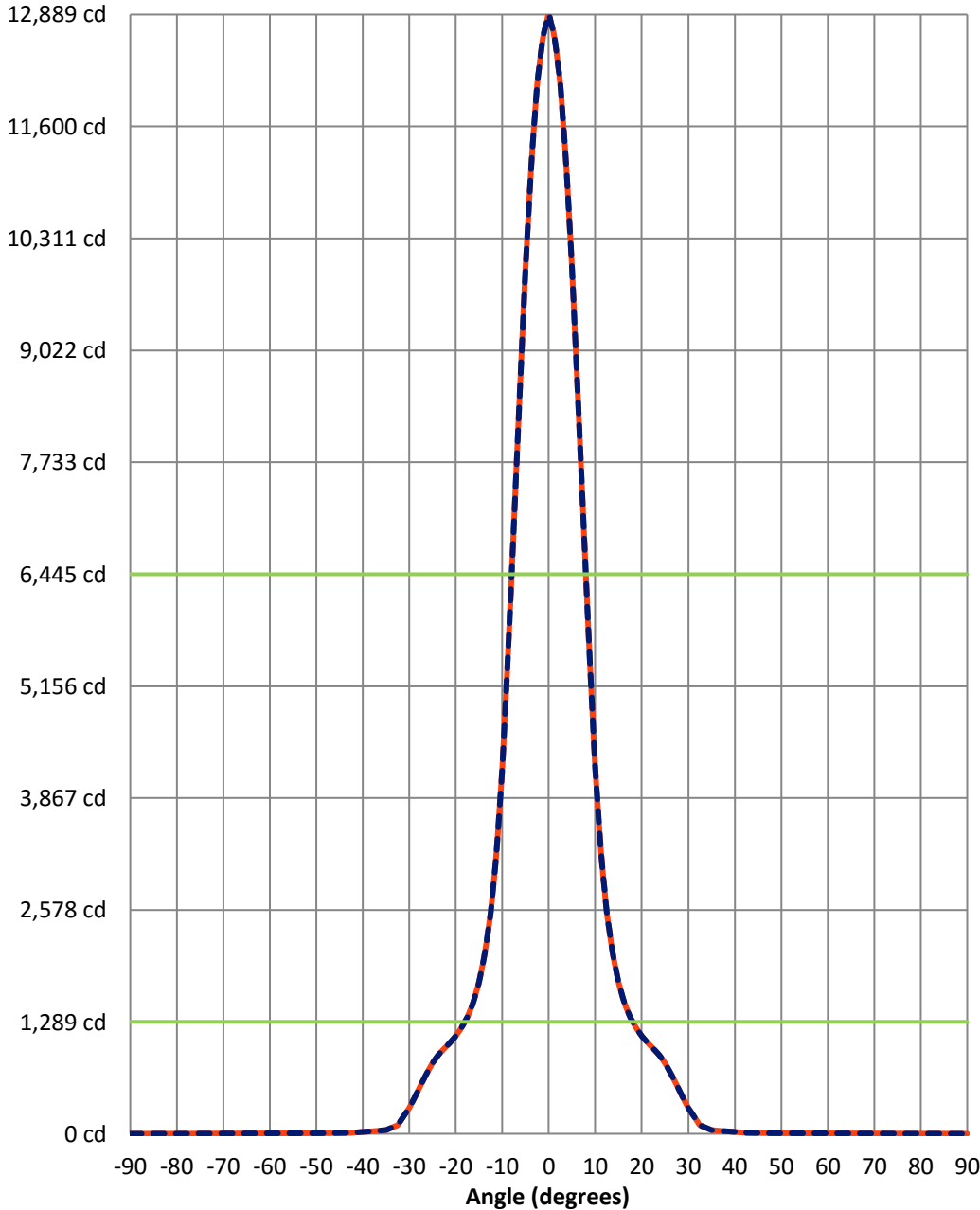
REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-BK-L2-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-BK-L2-UNV

Luminous Intensity Plot



Beam:
H Angle: 16°
V Angle: 16°
Lumens: 554.2
Efficiency: 32.7%

Field:
H Angle: 36.1°
V Angle: 36.1°
Lumens: 1195.1
Efficiency: 70.4%

Spill:
Lumens: 502.3
Efficiency: 29.6%

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



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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	1
70°	0	0	0	0	0	0	0	0	0	1	1
68.75°	0	0	0	0	0	0	0	0	0	1	1
67.5°	0	0	0	0	0	0	0	0	1	1	1
66.25°	0	0	0	0	0	0	0	0	1	1	1
65°	0	0	0	0	0	0	0	0	1	1	1
63.75°	0	0	0	0	0	0	0	1	1	1	1
62.5°	0	0	0	0	0	0	0	1	1	1	1
61.25°	0	0	0	0	0	0	0	1	1	1	1
60°	0	0	0	0	0	0	0	1	1	1	1
58.75°	0	0	0	0	0	0	1	1	1	1	1
57.5°	0	0	0	0	0	0	1	1	1	1	1
56.25°	0	0	0	0	0	0	1	1	1	1	1
55°	0	0	0	0	0	0	1	1	1	1	1
53.75°	0	0	0	0	0	0	1	1	1	1	1
52.5°	0	0	0	0	0	1	1	1	1	1	1
51.25°	0	0	0	0	0	1	1	1	1	1	1
50°	0	0	0	0	0	1	1	1	1	1	1
48.75°	0	0	0	0	0	1	1	1	1	1	1
47.5°	0	0	0	0	0	1	1	1	1	1	1
46.25°	0	0	0	0	0	1	1	1	1	1	1
45°	0	0	0	0	0	1	1	1	1	1	1
43.75°	0	0	0	0	0	1	1	1	1	1	1
42.5°	0	0	0	0	0	1	1	1	1	1	1
41.25°	0	0	0	0	1	1	1	1	1	1	1
40°	0	0	0	0	1	1	1	1	1	1	1
38.75°	0	0	0	0	1	1	1	1	1	1	1
37.5°	0	0	0	0	1	1	1	1	1	1	1
36.25°	0	0	0	0	1	1	1	1	1	1	1
35°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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	1	1	1	1	1	1	1
32.5°	0	0	0	0	1	1	1	1	1	1	1
31.25°	0	0	0	0	1	1	1	1	1	1	1
30°	0	0	0	0	1	1	1	1	1	1	1
28.75°	0	0	0	0	1	1	1	1	1	1	1
27.5°	0	0	0	0	1	1	1	1	1	1	1
26.25°	0	0	0	0	1	1	1	1	1	1	1
25°	0	0	0	0	1	1	1	1	1	1	1
23.75°	0	0	0	0	1	1	1	1	1	1	1
22.5°	0	0	0	0	1	1	1	1	1	1	1
21.25°	0	0	0	0	1	1	1	1	1	1	1
20°	0	0	0	0	1	1	1	1	1	1	1
18.75°	0	0	0	0	1	1	1	1	1	1	1
17.5°	0	0	0	0	1	1	1	1	1	1	1
16.25°	0	0	0	0	1	1	1	1	1	1	1
15°	0	0	0	0	1	1	1	1	1	1	1
13.75°	0	0	0	0	1	1	1	1	1	1	1
12.5°	0	0	0	0	1	1	1	1	1	1	1
11.25°	0	0	0	0	1	1	1	1	1	1	1
10°	0	0	0	0	1	1	1	1	1	1	1
8.75°	0	0	0	0	1	1	1	1	1	1	1
7.5°	0	0	0	0	1	1	1	1	1	1	1
6.25°	0	0	0	0	1	1	1	1	1	1	1
5°	0	0	0	0	1	1	1	1	1	1	1
3.75°	0	0	0	0	1	1	1	1	1	1	1
2.5°	0	0	0	0	1	1	1	1	1	1	1
1.25°	0	0	0	0	1	1	1	1	1	1	1
0°	0	0	0	0	1	1	1	1	1	1	1
-1.25°	0	0	0	0	1	1	1	1	1	1	1
-2.5°	0	0	0	0	1	1	1	1	1	1	1
-3.75°	0	0	0	0	1	1	1	1	1	1	1
-5°	0	0	0	0	1	1	1	1	1	1	1
-6.25°	0	0	0	0	1	1	1	1	1	1	1
-7.5°	0	0	0	0	1	1	1	1	1	1	1
-8.75°	0	0	0	0	1	1	1	1	1	1	1
-10°	0	0	0	0	1	1	1	1	1	1	1
-11.25°	0	0	0	0	1	1	1	1	1	1	1
-12.5°	0	0	0	0	1	1	1	1	1	1	1
-13.75°	0	0	0	0	1	1	1	1	1	1	1
-15°	0	0	0	0	1	1	1	1	1	1	1
-16.25°	0	0	0	0	1	1	1	1	1	1	1
-17.5°	0	0	0	0	1	1	1	1	1	1	1
-18.75°	0	0	0	0	1	1	1	1	1	1	1
-20°	0	0	0	0	1	1	1	1	1	1	1
-21.25°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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	1	1	1	1	1	1	1
-23.75°	0	0	0	0	1	1	1	1	1	1	1
-25°	0	0	0	0	1	1	1	1	1	1	1
-26.25°	0	0	0	0	1	1	1	1	1	1	1
-27.5°	0	0	0	0	1	1	1	1	1	1	1
-28.75°	0	0	0	0	1	1	1	1	1	1	1
-30°	0	0	0	0	1	1	1	1	1	1	1
-31.25°	0	0	0	0	1	1	1	1	1	1	1
-32.5°	0	0	0	0	1	1	1	1	1	1	1
-33.75°	0	0	0	0	1	1	1	1	1	1	1
-35°	0	0	0	0	1	1	1	1	1	1	1
-36.25°	0	0	0	0	1	1	1	1	1	1	1
-37.5°	0	0	0	0	1	1	1	1	1	1	1
-38.75°	0	0	0	0	1	1	1	1	1	1	1
-40°	0	0	0	0	1	1	1	1	1	1	1
-41.25°	0	0	0	0	1	1	1	1	1	1	1
-42.5°	0	0	0	0	0	1	1	1	1	1	1
-43.75°	0	0	0	0	0	1	1	1	1	1	1
-45°	0	0	0	0	0	1	1	1	1	1	1
-46.25°	0	0	0	0	0	1	1	1	1	1	1
-47.5°	0	0	0	0	0	1	1	1	1	1	1
-48.75°	0	0	0	0	0	1	1	1	1	1	1
-50°	0	0	0	0	0	1	1	1	1	1	1
-51.25°	0	0	0	0	0	1	1	1	1	1	1
-52.5°	0	0	0	0	0	1	1	1	1	1	1
-53.75°	0	0	0	0	0	0	1	1	1	1	1
-55°	0	0	0	0	0	0	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	1	1	1	1	1
-58.75°	0	0	0	0	0	0	1	1	1	1	1
-60°	0	0	0	0	0	0	0	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	1	1	1	1
-63.75°	0	0	0	0	0	0	0	1	1	1	1
-65°	0	0	0	0	0	0	0	0	1	1	1
-66.25°	0	0	0	0	0	0	0	0	1	1	1
-67.5°	0	0	0	0	0	0	0	0	1	1	1
-68.75°	0	0	0	0	0	0	0	0	0	1	1
-70°	0	0	0	0	0	0	0	0	0	1	1
-71.25°	0	0	0	0	0	0	0	0	0	0	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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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	1
80°	0	0	0	0	0	0	0	1	1	1	1
78.75°	0	0	0	0	0	1	1	1	1	1	1
77.5°	0	0	0	0	1	1	1	1	1	1	1
76.25°	0	0	1	1	1	1	1	1	1	1	1
75°	0	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	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	2
52.5°	1	1	1	1	1	1	1	1	2	2	2
51.25°	1	1	1	1	1	1	1	2	2	2	2
50°	1	1	1	1	1	1	1	2	2	2	2
48.75°	1	1	1	1	1	1	2	2	2	2	2
47.5°	1	1	1	1	1	1	2	2	2	2	2
46.25°	1	1	1	1	1	1	2	2	2	2	2
45°	1	1	1	1	1	2	2	2	2	2	2
43.75°	1	1	1	1	1	2	2	2	2	2	2
42.5°	1	1	1	1	1	2	2	2	2	2	3
41.25°	1	1	1	1	2	2	2	2	2	2	3
40°	1	1	1	1	2	2	2	2	2	3	3
38.75°	1	1	1	1	2	2	2	2	2	3	3
37.5°	1	1	1	2	2	2	2	2	2	3	3
36.25°	1	1	1	2	2	2	2	2	3	3	3
35°	1	1	1	2	2	2	2	2	3	3	3



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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	2	2	2	2	2	3	3	3
32.5°	1	1	1	2	2	2	2	3	3	3	3
31.25°	1	1	2	2	2	2	2	3	3	3	3
30°	1	1	2	2	2	2	2	3	3	3	3
28.75°	1	1	2	2	2	2	2	3	3	3	3
27.5°	1	1	2	2	2	2	3	3	3	3	3
26.25°	1	1	2	2	2	2	3	3	3	3	3
25°	1	1	2	2	2	2	3	3	3	3	3
23.75°	1	1	2	2	2	2	3	3	3	3	4
22.5°	1	2	2	2	2	2	3	3	3	3	4
21.25°	1	2	2	2	2	2	3	3	3	3	4
20°	1	2	2	2	2	2	3	3	3	3	4
18.75°	1	2	2	2	2	3	3	3	3	3	4
17.5°	1	2	2	2	2	3	3	3	3	4	4
16.25°	1	2	2	2	2	3	3	3	3	4	4
15°	1	2	2	2	2	3	3	3	3	4	4
13.75°	1	2	2	2	2	3	3	3	3	4	4
12.5°	1	2	2	2	2	3	3	3	3	4	4
11.25°	1	2	2	2	2	3	3	3	3	4	4
10°	1	2	2	2	2	3	3	3	3	4	4
8.75°	1	2	2	2	2	3	3	3	3	4	4
7.5°	1	2	2	2	2	3	3	3	3	4	4
6.25°	1	2	2	2	2	3	3	3	3	4	4
5°	1	2	2	2	2	3	3	3	3	4	4
3.75°	1	2	2	2	2	3	3	3	3	4	4
2.5°	1	2	2	2	2	3	3	3	3	4	4
1.25°	1	2	2	2	2	3	3	3	3	4	4
0°	2	2	2	2	3	3	3	3	4	4	4
-1.25°	1	2	2	2	2	3	3	3	3	4	4
-2.5°	1	2	2	2	2	3	3	3	3	4	4
-3.75°	1	2	2	2	2	3	3	3	3	4	4
-5°	1	2	2	2	2	3	3	3	3	4	4
-6.25°	1	2	2	2	2	3	3	3	3	4	4
-7.5°	1	2	2	2	2	3	3	3	3	4	4
-8.75°	1	2	2	2	2	3	3	3	3	4	4
-10°	1	2	2	2	2	3	3	3	3	4	4
-11.25°	1	2	2	2	2	3	3	3	3	4	4
-12.5°	1	2	2	2	2	3	3	3	3	4	4
-13.75°	1	2	2	2	2	3	3	3	3	4	4
-15°	1	2	2	2	2	3	3	3	3	4	4
-16.25°	1	2	2	2	2	3	3	3	3	4	4
-17.5°	1	2	2	2	2	3	3	3	3	4	4
-18.75°	1	2	2	2	2	3	3	3	3	3	4
-20°	1	2	2	2	2	2	3	3	3	3	4
-21.25°	1	2	2	2	2	2	3	3	3	3	4



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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	2	2	2	2	2	3	3	3	3	4
-23.75°	1	1	2	2	2	2	3	3	3	3	4
-25°	1	1	2	2	2	2	3	3	3	3	3
-26.25°	1	1	2	2	2	2	3	3	3	3	3
-27.5°	1	1	2	2	2	2	3	3	3	3	3
-28.75°	1	1	2	2	2	2	2	3	3	3	3
-30°	1	1	2	2	2	2	2	3	3	3	3
-31.25°	1	1	2	2	2	2	2	3	3	3	3
-32.5°	1	1	1	2	2	2	2	3	3	3	3
-33.75°	1	1	1	2	2	2	2	2	3	3	3
-35°	1	1	1	2	2	2	2	2	3	3	3
-36.25°	1	1	1	2	2	2	2	2	3	3	3
-37.5°	1	1	1	2	2	2	2	2	2	3	3
-38.75°	1	1	1	1	2	2	2	2	2	3	3
-40°	1	1	1	1	2	2	2	2	2	3	3
-41.25°	1	1	1	1	2	2	2	2	2	2	3
-42.5°	1	1	1	1	1	2	2	2	2	2	3
-43.75°	1	1	1	1	1	2	2	2	2	2	2
-45°	1	1	1	1	1	2	2	2	2	2	2
-46.25°	1	1	1	1	1	1	2	2	2	2	2
-47.5°	1	1	1	1	1	1	2	2	2	2	2
-48.75°	1	1	1	1	1	1	2	2	2	2	2
-50°	1	1	1	1	1	1	1	2	2	2	2
-51.25°	1	1	1	1	1	1	1	2	2	2	2
-52.5°	1	1	1	1	1	1	1	1	2	2	2
-53.75°	1	1	1	1	1	1	1	1	2	2	2
-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°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	0	1	1	1	1	1	1	1	1	1	1
-76.25°	0	0	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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	1	1	1	1	1	1
-80°	0	0	0	0	0	0	0	1	1	1	1
-81.25°	0	0	0	0	0	0	0	0	0	0	1
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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	1	1	1
82.5°	0	0	0	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	2	2
66.25°	1	1	1	1	1	1	1	2	2	2	2
65°	1	1	1	1	1	1	2	2	2	2	2
63.75°	1	1	1	1	1	2	2	2	2	2	2
62.5°	1	1	1	2	2	2	2	2	2	2	2
61.25°	1	1	2	2	2	2	2	2	2	2	2
60°	1	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	3	3
57.5°	2	2	2	2	2	2	2	2	3	3	3
56.25°	2	2	2	2	2	2	2	3	3	3	3
55°	2	2	2	2	2	2	3	3	3	3	3
53.75°	2	2	2	2	2	3	3	3	3	3	3
52.5°	2	2	2	2	3	3	3	3	3	3	3
51.25°	2	2	2	3	3	3	3	3	3	3	3
50°	2	2	2	3	3	3	3	3	3	3	4
48.75°	2	2	3	3	3	3	3	3	3	4	4
47.5°	2	3	3	3	3	3	3	3	4	4	4
46.25°	2	3	3	3	3	3	3	4	4	4	4
45°	3	3	3	3	3	3	4	4	4	4	4
43.75°	3	3	3	3	3	3	4	4	4	4	4
42.5°	3	3	3	3	3	4	4	4	4	4	4
41.25°	3	3	3	3	4	4	4	4	4	4	5
40°	3	3	3	3	4	4	4	4	4	4	5
38.75°	3	3	3	4	4	4	4	4	4	5	5
37.5°	3	3	3	4	4	4	4	4	5	5	5
36.25°	3	3	4	4	4	4	4	4	5	5	5
35°	3	3	4	4	4	4	4	5	5	5	5



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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	4	4	4	4	4	5	5	5	5
32.5°	3	4	4	4	4	4	5	5	5	5	5
31.25°	3	4	4	4	4	4	5	5	5	5	5
30°	3	4	4	4	4	5	5	5	5	5	5
28.75°	4	4	4	4	4	5	5	5	5	5	5
27.5°	4	4	4	4	4	5	5	5	5	5	5
26.25°	4	4	4	4	5	5	5	5	5	5	5
25°	4	4	4	4	5	5	5	5	5	5	5
23.75°	4	4	4	4	5	5	5	5	5	5	5
22.5°	4	4	4	4	5	5	5	5	5	5	6
21.25°	4	4	4	5	5	5	5	5	5	5	6
20°	4	4	4	5	5	5	5	5	5	5	6
18.75°	4	4	4	5	5	5	5	5	5	6	6
17.5°	4	4	4	5	5	5	5	5	5	6	6
16.25°	4	4	4	5	5	5	5	5	5	6	6
15°	4	4	5	5	5	5	5	5	5	6	6
13.75°	4	4	5	5	5	5	5	5	6	6	6
12.5°	4	4	5	5	5	5	5	5	6	6	6
11.25°	4	4	5	5	5	5	5	5	6	6	6
10°	4	4	5	5	5	5	5	5	6	6	6
8.75°	4	4	5	5	5	5	5	5	6	6	6
7.5°	4	4	5	5	5	5	5	5	6	6	6
6.25°	4	4	5	5	5	5	5	5	6	6	6
5°	4	4	5	5	5	5	5	5	6	6	6
3.75°	4	4	5	5	5	5	5	5	6	6	6
2.5°	4	4	5	5	5	5	5	5	6	6	6
1.25°	4	4	5	5	5	5	5	5	6	6	6
0°	4	5	5	5	5	5	5	6	6	6	6
-1.25°	4	4	5	5	5	5	5	5	6	6	6
-2.5°	4	4	5	5	5	5	5	5	6	6	6
-3.75°	4	4	5	5	5	5	5	5	6	6	6
-5°	4	4	5	5	5	5	5	5	6	6	6
-6.25°	4	4	5	5	5	5	5	5	6	6	6
-7.5°	4	4	5	5	5	5	5	5	6	6	6
-8.75°	4	4	5	5	5	5	5	5	6	6	6
-10°	4	4	5	5	5	5	5	5	6	6	6
-11.25°	4	4	5	5	5	5	5	5	6	6	6
-12.5°	4	4	5	5	5	5	5	5	6	6	6
-13.75°	4	4	5	5	5	5	5	5	6	6	6
-15°	4	4	5	5	5	5	5	5	5	6	6
-16.25°	4	4	4	5	5	5	5	5	5	6	6
-17.5°	4	4	4	5	5	5	5	5	5	6	6
-18.75°	4	4	4	5	5	5	5	5	5	6	6
-20°	4	4	4	5	5	5	5	5	5	5	6
-21.25°	4	4	4	5	5	5	5	5	5	5	6



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	4	4	4	4	5	5	5	5	5	5	6
-23.75°	4	4	4	4	5	5	5	5	5	5	5
-25°	4	4	4	4	5	5	5	5	5	5	5
-26.25°	4	4	4	4	5	5	5	5	5	5	5
-27.5°	4	4	4	4	4	5	5	5	5	5	5
-28.75°	4	4	4	4	4	5	5	5	5	5	5
-30°	3	4	4	4	4	5	5	5	5	5	5
-31.25°	3	4	4	4	4	4	5	5	5	5	5
-32.5°	3	4	4	4	4	4	5	5	5	5	5
-33.75°	3	3	4	4	4	4	4	5	5	5	5
-35°	3	3	4	4	4	4	4	5	5	5	5
-36.25°	3	3	4	4	4	4	4	4	5	5	5
-37.5°	3	3	3	4	4	4	4	4	5	5	5
-38.75°	3	3	3	4	4	4	4	4	4	5	5
-40°	3	3	3	3	4	4	4	4	4	4	5
-41.25°	3	3	3	3	4	4	4	4	4	4	5
-42.5°	3	3	3	3	3	4	4	4	4	4	4
-43.75°	3	3	3	3	3	3	4	4	4	4	4
-45°	3	3	3	3	3	3	4	4	4	4	4
-46.25°	2	3	3	3	3	3	3	4	4	4	4
-47.5°	2	3	3	3	3	3	3	3	4	4	4
-48.75°	2	2	3	3	3	3	3	3	3	4	4
-50°	2	2	2	3	3	3	3	3	3	3	4
-51.25°	2	2	2	3	3	3	3	3	3	3	3
-52.5°	2	2	2	2	3	3	3	3	3	3	3
-53.75°	2	2	2	2	2	3	3	3	3	3	3
-55°	2	2	2	2	2	2	3	3	3	3	3
-56.25°	2	2	2	2	2	2	2	3	3	3	3
-57.5°	2	2	2	2	2	2	2	2	3	3	3
-58.75°	2	2	2	2	2	2	2	2	2	3	3
-60°	1	2	2	2	2	2	2	2	2	2	2
-61.25°	1	1	2	2	2	2	2	2	2	2	2
-62.5°	1	1	1	2	2	2	2	2	2	2	2
-63.75°	1	1	1	1	1	2	2	2	2	2	2
-65°	1	1	1	1	1	1	2	2	2	2	2
-66.25°	1	1	1	1	1	1	1	2	2	2	2
-67.5°	1	1	1	1	1	1	1	1	1	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	0	0	0	1	1	1	1	1	1	1	1
-83.75°	0	0	0	0	0	0	0	0	1	1	1
-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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	2	2
71.25°	1	1	1	1	1	1	2	2	2	2	2
70°	1	1	1	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	3
65°	2	2	2	2	2	2	2	3	3	3	3
63.75°	2	2	2	2	2	3	3	3	3	3	3
62.5°	2	2	2	3	3	3	3	3	3	3	3
61.25°	2	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	4
58.75°	3	3	3	3	3	3	3	3	4	4	4
57.5°	3	3	3	3	3	3	4	4	4	4	4
56.25°	3	3	3	3	3	4	4	4	4	4	4
55°	3	3	3	4	4	4	4	4	4	4	4
53.75°	3	3	4	4	4	4	4	4	4	4	4
52.5°	3	4	4	4	4	4	4	4	4	5	5
51.25°	4	4	4	4	4	4	4	4	5	5	5
50°	4	4	4	4	4	4	5	5	5	5	5
48.75°	4	4	4	4	4	5	5	5	5	5	5
47.5°	4	4	4	4	5	5	5	5	5	5	5
46.25°	4	4	4	5	5	5	5	5	5	5	5
45°	4	4	5	5	5	5	5	5	5	5	5
43.75°	4	5	5	5	5	5	5	5	5	5	5
42.5°	5	5	5	5	5	5	5	5	5	5	6
41.25°	5	5	5	5	5	5	5	5	5	6	6
40°	5	5	5	5	5	5	5	5	6	6	6
38.75°	5	5	5	5	5	5	5	6	6	6	6
37.5°	5	5	5	5	5	5	6	6	6	6	6
36.25°	5	5	5	5	5	6	6	6	6	6	6
35°	5	5	5	5	6	6	6	6	6	6	7



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	5	5	5	5	6	6	6	6	6	7	7
32.5°	5	5	5	6	6	6	6	6	6	7	7
31.25°	5	5	5	6	6	6	6	6	7	7	8
30°	5	5	6	6	6	6	6	7	7	8	8
28.75°	5	6	6	6	6	6	6	7	8	8	9
27.5°	5	6	6	6	6	6	7	7	8	9	10
26.25°	6	6	6	6	6	7	7	8	9	9	10
25°	6	6	6	6	6	7	7	8	9	10	11
23.75°	6	6	6	6	7	7	8	9	9	10	11
22.5°	6	6	6	6	7	7	8	9	10	11	14
21.25°	6	6	6	6	7	8	9	9	10	12	16
20°	6	6	6	7	7	8	9	10	11	14	19
18.75°	6	6	6	7	8	8	9	10	11	16	21
17.5°	6	6	7	7	8	9	10	11	13	18	23
16.25°	6	6	7	7	8	9	10	11	15	20	25
15°	6	6	7	7	8	9	10	12	17	22	26
13.75°	6	6	7	8	9	10	11	14	19	23	28
12.5°	6	7	7	8	9	10	11	15	20	25	29
11.25°	6	7	7	8	9	10	11	16	22	26	30
10°	6	7	7	8	9	10	12	17	23	27	31
8.75°	6	7	7	8	9	10	13	19	24	28	33
7.5°	6	7	8	9	10	11	14	19	24	29	34
6.25°	6	7	8	9	10	11	15	20	25	29	35
5°	6	7	8	9	10	11	15	21	26	30	36
3.75°	6	7	8	9	10	11	16	21	26	30	36
2.5°	6	7	8	9	10	11	16	22	26	31	37
1.25°	6	7	8	9	10	11	16	22	26	31	37
0°	7	7	8	9	10	11	17	22	27	31	37
-1.25°	6	7	8	9	10	11	16	22	26	31	37
-2.5°	6	7	8	9	10	11	16	22	26	31	37
-3.75°	6	7	8	9	10	11	16	21	26	30	36
-5°	6	7	8	9	10	11	15	21	26	30	36
-6.25°	6	7	8	9	10	11	15	20	25	29	35
-7.5°	6	7	8	9	10	11	14	19	24	29	34
-8.75°	6	7	7	8	9	10	13	19	24	28	33
-10°	6	7	7	8	9	10	12	17	23	27	31
-11.25°	6	7	7	8	9	10	11	16	22	26	30
-12.5°	6	7	7	8	9	10	11	15	20	25	29
-13.75°	6	6	7	8	9	10	11	14	19	23	28
-15°	6	6	7	7	8	9	10	12	17	22	26
-16.25°	6	6	7	7	8	9	10	11	15	20	25
-17.5°	6	6	7	7	8	9	10	11	13	18	23
-18.75°	6	6	6	7	8	8	9	10	11	16	21
-20°	6	6	6	7	7	8	9	10	11	14	19
-21.25°	6	6	6	6	7	8	9	9	10	12	16



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	6	6	6	6	7	7	8	9	10	11	14
-23.75°	6	6	6	6	7	7	8	9	9	10	11
-25°	6	6	6	6	6	7	7	8	9	10	11
-26.25°	6	6	6	6	6	7	7	8	9	9	10
-27.5°	5	6	6	6	6	6	7	7	8	9	10
-28.75°	5	6	6	6	6	6	6	7	8	8	9
-30°	5	5	6	6	6	6	6	7	7	8	8
-31.25°	5	5	5	6	6	6	6	6	7	7	8
-32.5°	5	5	5	6	6	6	6	6	6	7	7
-33.75°	5	5	5	5	6	6	6	6	6	7	7
-35°	5	5	5	5	6	6	6	6	6	6	7
-36.25°	5	5	5	5	5	6	6	6	6	6	6
-37.5°	5	5	5	5	5	5	6	6	6	6	6
-38.75°	5	5	5	5	5	5	5	6	6	6	6
-40°	5	5	5	5	5	5	5	5	6	6	6
-41.25°	5	5	5	5	5	5	5	5	5	6	6
-42.5°	5	5	5	5	5	5	5	5	5	5	6
-43.75°	4	5	5	5	5	5	5	5	5	5	5
-45°	4	4	5	5	5	5	5	5	5	5	5
-46.25°	4	4	4	5	5	5	5	5	5	5	5
-47.5°	4	4	4	4	5	5	5	5	5	5	5
-48.75°	4	4	4	4	4	5	5	5	5	5	5
-50°	4	4	4	4	4	4	5	5	5	5	5
-51.25°	4	4	4	4	4	4	4	4	5	5	5
-52.5°	3	4	4	4	4	4	4	4	4	5	5
-53.75°	3	3	4	4	4	4	4	4	4	4	4
-55°	3	3	3	4	4	4	4	4	4	4	4
-56.25°	3	3	3	3	3	4	4	4	4	4	4
-57.5°	3	3	3	3	3	3	4	4	4	4	4
-58.75°	3	3	3	3	3	3	3	3	4	4	4
-60°	3	3	3	3	3	3	3	3	3	3	4
-61.25°	2	3	3	3	3	3	3	3	3	3	3
-62.5°	2	2	2	3	3	3	3	3	3	3	3
-63.75°	2	2	2	2	2	3	3	3	3	3	3
-65°	2	2	2	2	2	2	2	3	3	3	3
-66.25°	2	2	2	2	2	2	2	2	2	2	3
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	1	1	1	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	2	2	2	2	2
-72.5°	1	1	1	1	1	1	1	1	1	2	2
-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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	0	0	0	0	0	0	1	1	1	1	1
-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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	2
73.75°	1	1	1	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	3	3	3	3	3
67.5°	2	2	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	3	3	3	4	4
62.5°	3	3	3	3	3	4	4	4	4	4	4
61.25°	3	3	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	5	5	5	5
56.25°	4	4	4	4	5	5	5	5	5	5	5
55°	4	4	5	5	5	5	5	5	5	5	5
53.75°	5	5	5	5	5	5	5	5	5	5	5
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	5	5	5	5	5	5	5	5	5	5	5
50°	5	5	5	5	5	5	5	5	5	5	6
48.75°	5	5	5	5	5	5	5	6	6	6	6
47.5°	5	5	5	5	5	6	6	6	6	6	6
46.25°	5	5	5	5	6	6	6	6	6	6	6
45°	5	5	6	6	6	6	6	6	6	6	6
43.75°	6	6	6	6	6	6	6	6	6	7	7
42.5°	6	6	6	6	6	6	6	7	7	7	7
41.25°	6	6	6	6	6	6	7	7	7	8	8
40°	6	6	6	6	7	7	7	8	8	9	9
38.75°	6	6	6	7	7	8	8	9	9	9	10
37.5°	6	7	7	7	8	8	9	9	10	10	11
36.25°	7	7	7	8	8	9	10	10	11	11	14
35°	7	7	8	9	9	10	10	11	13	16	18



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	7	8	9	9	10	10	11	14	17	20	23
32.5°	8	9	9	10	11	12	15	18	21	24	26
31.25°	9	9	10	11	12	16	19	22	25	27	30
30°	9	10	11	12	16	19	23	25	28	31	34
28.75°	10	10	12	16	19	23	26	29	32	35	39
27.5°	10	11	15	19	23	26	29	32	36	40	44
26.25°	11	14	18	22	25	29	32	36	40	47	64
25°	13	17	21	25	28	32	36	40	48	67	85
23.75°	16	20	24	27	31	35	40	47	67	86	118
22.5°	18	23	26	30	34	39	44	64	85	118	187
21.25°	21	25	29	33	37	42	60	81	110	182	253
20°	23	27	31	36	40	54	76	98	170	245	323
18.75°	25	29	33	38	45	68	91	149	228	306	403
17.5°	27	31	36	41	58	82	121	202	283	380	485
16.25°	29	33	39	47	71	95	169	253	346	454	563
15°	30	35	41	58	83	129	215	301	410	525	637
13.75°	32	38	43	69	94	170	258	359	474	592	702
12.5°	34	39	53	78	117	208	298	413	534	652	759
11.25°	36	41	61	87	150	243	344	465	590	706	812
10°	37	43	69	96	181	274	387	513	639	752	853
8.75°	38	49	76	112	208	304	427	556	680	793	889
7.5°	40	55	82	135	231	336	462	594	717	827	915
6.25°	41	60	87	154	251	363	493	626	746	853	935
5°	42	64	91	170	268	385	518	650	770	875	953
3.75°	42	67	95	182	281	403	538	670	789	892	965
2.5°	43	69	97	191	290	416	552	684	803	902	973
1.25°	43	71	99	197	296	425	561	692	811	907	978
0°	43	71	99	199	298	427	564	695	814	909	980
-1.25°	43	71	99	197	296	425	561	692	811	907	978
-2.5°	43	69	97	191	290	416	552	684	803	902	973
-3.75°	42	67	95	182	281	403	538	670	789	892	965
-5°	42	64	91	170	268	385	518	650	770	875	953
-6.25°	41	60	87	154	251	363	493	626	746	853	935
-7.5°	40	55	82	135	231	336	462	594	717	827	915
-8.75°	38	49	76	112	208	304	427	556	680	793	889
-10°	37	43	69	96	181	274	387	513	639	752	853
-11.25°	36	41	61	87	150	243	344	465	590	706	812
-12.5°	34	39	53	78	117	208	298	413	534	652	759
-13.75°	32	38	43	69	94	170	258	359	474	592	702
-15°	30	35	41	58	83	129	215	301	410	525	637
-16.25°	29	33	39	47	71	95	169	253	346	454	563
-17.5°	27	31	36	41	58	82	121	202	283	380	485
-18.75°	25	29	33	38	45	68	91	149	228	306	403
-20°	23	27	31	36	40	54	76	98	170	245	323
-21.25°	21	25	29	33	37	42	60	81	110	182	253



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	18	23	26	30	34	39	44	64	85	118	187
-23.75°	16	20	24	27	31	35	40	47	67	86	118
-25°	13	17	21	25	28	32	36	40	48	67	85
-26.25°	11	14	18	22	25	29	32	36	40	47	64
-27.5°	10	11	15	19	23	26	29	32	36	40	44
-28.75°	10	10	12	16	19	23	26	29	32	35	39
-30°	9	10	11	12	16	19	23	25	28	31	34
-31.25°	9	9	10	11	12	16	19	22	25	27	30
-32.5°	8	9	9	10	11	12	15	18	21	24	26
-33.75°	7	8	9	9	10	10	11	14	17	20	23
-35°	7	7	8	9	9	10	10	11	13	16	18
-36.25°	7	7	7	8	8	9	10	10	11	11	14
-37.5°	6	7	7	7	8	8	9	9	10	10	11
-38.75°	6	6	6	7	7	8	8	9	9	9	10
-40°	6	6	6	6	7	7	7	8	8	9	9
-41.25°	6	6	6	6	6	6	7	7	7	8	8
-42.5°	6	6	6	6	6	6	6	7	7	7	7
-43.75°	6	6	6	6	6	6	6	6	6	7	7
-45°	5	5	6	6	6	6	6	6	6	6	6
-46.25°	5	5	5	5	6	6	6	6	6	6	6
-47.5°	5	5	5	5	5	6	6	6	6	6	6
-48.75°	5	5	5	5	5	5	5	6	6	6	6
-50°	5	5	5	5	5	5	5	5	5	5	6
-51.25°	5	5	5	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	5	5	5	5	5	5	5	5	5	5	5
-55°	4	4	5	5	5	5	5	5	5	5	5
-56.25°	4	4	4	4	5	5	5	5	5	5	5
-57.5°	4	4	4	4	4	4	4	5	5	5	5
-58.75°	4	4	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	3	3	4	4	4	4	4	4	4	4	4
-62.5°	3	3	3	3	3	4	4	4	4	4	4
-63.75°	3	3	3	3	3	3	3	3	3	4	4
-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	3	3	3	3	3	3	3	3	3
-68.75°	2	2	2	2	2	2	3	3	3	3	3
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	1	1	1	2	2	2	2	2	2	2	2
-75°	1	1	1	1	1	1	1	1	1	1	2
-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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
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	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	5	5	5	5	5	5	5	5	5	5	5
52.5°	5	5	5	5	5	5	6	6	6	6	6
51.25°	5	5	6	6	6	6	6	6	6	6	6
50°	6	6	6	6	6	6	6	6	6	6	6
48.75°	6	6	6	6	6	6	6	6	6	6	6
47.5°	6	6	6	6	6	6	6	7	7	7	7
46.25°	6	6	6	7	7	7	7	7	7	7	7
45°	6	7	7	7	7	7	8	8	8	8	8
43.75°	7	7	8	8	8	8	9	9	9	9	9
42.5°	8	8	8	9	9	9	10	10	10	10	10
41.25°	9	9	9	10	10	10	11	11	11	12	13
40°	9	10	10	11	11	12	14	15	16	17	19
38.75°	10	11	11	13	15	17	19	20	22	23	24
37.5°	12	14	16	18	20	22	23	25	26	27	28
36.25°	16	19	21	23	25	26	28	29	30	31	33
35°	21	23	25	27	29	30	32	34	36	37	38



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	25	27	29	31	33	35	38	39	41	43	49
32.5°	29	31	33	36	39	41	43	53	61	69	76
31.25°	33	36	38	41	47	58	69	78	87	96	112
30°	37	40	45	58	71	83	94	117	150	181	208
28.75°	42	54	68	82	95	129	170	208	243	274	304
27.5°	60	76	91	121	169	215	258	298	344	387	427
26.25°	81	98	149	202	253	301	359	413	465	513	556
25°	110	170	228	283	346	410	474	534	590	639	680
23.75°	182	245	306	380	454	525	592	652	706	752	793
22.5°	253	323	403	485	563	637	702	759	812	853	889
21.25°	329	415	504	589	667	738	801	853	899	931	959
20°	415	510	603	686	762	829	885	927	963	992	1020
18.75°	504	603	692	773	845	903	948	985	1019	1053	1086
17.5°	589	686	773	850	912	959	1000	1040	1081	1121	1163
16.25°	667	762	845	912	963	1007	1053	1101	1150	1199	1255
15°	738	829	903	959	1007	1057	1111	1168	1230	1296	1364
13.75°	801	885	948	1000	1053	1111	1174	1246	1324	1405	1507
12.5°	853	927	985	1040	1101	1168	1246	1333	1433	1553	1702
11.25°	899	963	1019	1081	1150	1230	1324	1433	1573	1744	1938
10°	931	992	1053	1121	1199	1296	1405	1553	1744	1965	2235
8.75°	959	1020	1086	1163	1255	1364	1507	1702	1938	2235	2608
7.5°	981	1045	1117	1201	1307	1436	1619	1857	2157	2552	3063
6.25°	1000	1067	1146	1241	1357	1511	1730	2006	2386	2899	3589
5°	1017	1088	1172	1276	1400	1586	1840	2173	2631	3267	4153
3.75°	1030	1105	1192	1304	1446	1655	1932	2306	2853	3644	4711
2.5°	1040	1116	1208	1326	1480	1705	2001	2434	3053	3954	5140
1.25°	1046	1124	1219	1340	1500	1736	2055	2514	3176	4145	5431
0°	1048	1126	1223	1345	1507	1746	2073	2542	3218	4210	5535
-1.25°	1046	1124	1219	1340	1500	1736	2055	2514	3176	4145	5431
-2.5°	1040	1116	1208	1326	1480	1705	2001	2434	3053	3954	5140
-3.75°	1030	1105	1192	1304	1446	1655	1932	2306	2853	3644	4711
-5°	1017	1088	1172	1276	1400	1586	1840	2173	2631	3267	4153
-6.25°	1000	1067	1146	1241	1357	1511	1730	2006	2386	2899	3589
-7.5°	981	1045	1117	1201	1307	1436	1619	1857	2157	2552	3063
-8.75°	959	1020	1086	1163	1255	1364	1507	1702	1938	2235	2608
-10°	931	992	1053	1121	1199	1296	1405	1553	1744	1965	2235
-11.25°	899	963	1019	1081	1150	1230	1324	1433	1573	1744	1938
-12.5°	853	927	985	1040	1101	1168	1246	1333	1433	1553	1702
-13.75°	801	885	948	1000	1053	1111	1174	1246	1324	1405	1507
-15°	738	829	903	959	1007	1057	1111	1168	1230	1296	1364
-16.25°	667	762	845	912	963	1007	1053	1101	1150	1199	1255
-17.5°	589	686	773	850	912	959	1000	1040	1081	1121	1163
-18.75°	504	603	692	773	845	903	948	985	1019	1053	1086
-20°	415	510	603	686	762	829	885	927	963	992	1020
-21.25°	329	415	504	589	667	738	801	853	899	931	959



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	253	323	403	485	563	637	702	759	812	853	889
-23.75°	182	245	306	380	454	525	592	652	706	752	793
-25°	110	170	228	283	346	410	474	534	590	639	680
-26.25°	81	98	149	202	253	301	359	413	465	513	556
-27.5°	60	76	91	121	169	215	258	298	344	387	427
-28.75°	42	54	68	82	95	129	170	208	243	274	304
-30°	37	40	45	58	71	83	94	117	150	181	208
-31.25°	33	36	38	41	47	58	69	78	87	96	112
-32.5°	29	31	33	36	39	41	43	53	61	69	76
-33.75°	25	27	29	31	33	35	38	39	41	43	49
-35°	21	23	25	27	29	30	32	34	36	37	38
-36.25°	16	19	21	23	25	26	28	29	30	31	33
-37.5°	12	14	16	18	20	22	23	25	26	27	28
-38.75°	10	11	11	13	15	17	19	20	22	23	24
-40°	9	10	10	11	11	12	14	15	16	17	19
-41.25°	9	9	9	10	10	10	11	11	11	12	13
-42.5°	8	8	8	9	9	9	10	10	10	10	10
-43.75°	7	7	8	8	8	8	9	9	9	9	9
-45°	6	7	7	7	7	7	8	8	8	8	8
-46.25°	6	6	6	7	7	7	7	7	7	7	7
-47.5°	6	6	6	6	6	6	6	7	7	7	7
-48.75°	6	6	6	6	6	6	6	6	6	6	6
-50°	6	6	6	6	6	6	6	6	6	6	6
-51.25°	5	5	6	6	6	6	6	6	6	6	6
-52.5°	5	5	5	5	5	5	6	6	6	6	6
-53.75°	5	5	5	5	5	5	5	5	5	5	5
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	4	4	4	4	4	5	5	5	5	5	5
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	3	3	3	4	4	4	4	4	4	4	4
-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°	3	3	3	3	3	3	3	3	3	3	3
-70°	2	2	3	3	3	3	3	3	3	3	3
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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	1	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	2	1	1	1	1
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	3	2	2	2	2
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	4	3	3	3	3
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	5	4	4	4	4
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	5	5	5	5	5	5	6	5	5	5	5
52.5°	6	6	6	6	6	6	6	6	6	6	6
51.25°	6	6	6	6	6	6	6	6	6	6	6
50°	6	6	6	6	6	6	6	6	6	6	6
48.75°	6	6	6	6	6	6	7	6	6	6	6
47.5°	7	7	7	7	7	7	7	7	7	7	7
46.25°	8	8	8	8	8	8	8	8	8	8	8
45°	9	9	9	9	9	9	9	9	9	9	9
43.75°	10	10	10	10	10	10	10	10	10	10	10
42.5°	11	11	11	11	11	11	11	11	11	11	11
41.25°	14	15	15	16	16	16	17	16	16	16	15
40°	19	20	21	21	22	22	22	22	22	21	21
38.75°	24	25	26	26	26	26	27	26	26	26	26
37.5°	29	29	30	30	31	31	31	31	31	30	30
36.25°	34	35	36	36	37	37	37	37	37	36	36
35°	40	41	42	42	43	43	43	43	43	42	42



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	55	60	64	67	69	71	71	71	69	67	64
32.5°	82	87	91	95	97	99	99	99	97	95	91
31.25°	135	154	170	182	191	197	199	197	191	182	170
30°	231	251	268	281	290	296	298	296	290	281	268
28.75°	336	363	385	403	416	425	427	425	416	403	385
27.5°	462	493	518	538	552	561	564	561	552	538	518
26.25°	594	626	650	670	684	692	695	692	684	670	650
25°	717	746	770	789	803	811	814	811	803	789	770
23.75°	827	853	875	892	902	907	909	907	902	892	875
22.5°	915	935	953	965	973	978	980	978	973	965	953
21.25°	981	1000	1017	1030	1040	1046	1048	1046	1040	1030	1017
20°	1045	1067	1088	1105	1116	1124	1126	1124	1116	1105	1088
18.75°	1117	1146	1172	1192	1208	1219	1223	1219	1208	1192	1172
17.5°	1201	1241	1276	1304	1326	1340	1345	1340	1326	1304	1276
16.25°	1307	1357	1400	1446	1480	1500	1507	1500	1480	1446	1400
15°	1436	1511	1586	1655	1705	1736	1746	1736	1705	1655	1586
13.75°	1619	1730	1840	1932	2001	2055	2073	2055	2001	1932	1840
12.5°	1857	2006	2173	2306	2434	2514	2542	2514	2434	2306	2173
11.25°	2157	2386	2631	2853	3053	3176	3218	3176	3053	2853	2631
10°	2552	2899	3267	3644	3954	4145	4210	4145	3954	3644	3267
8.75°	3063	3589	4153	4711	5140	5431	5535	5431	5140	4711	4153
7.5°	3713	4466	5234	5970	6533	6891	7014	6891	6533	5970	5234
6.25°	4466	5440	6421	7270	7936	8365	8514	8365	7936	7270	6421
5°	5234	6421	7531	8517	9290	9792	9969	9792	9290	8517	7531
3.75°	5970	7270	8517	9621	10465	11012	11177	11012	10465	9621	8517
2.5°	6533	7936	9290	10465	11352	11907	12080	11907	11352	10465	9290
1.25°	6891	8365	9792	11012	11907	12455	12639	12455	11907	11012	9792
0°	7014	8514	9969	11177	12080	12639	12889	12639	12080	11177	9969
-1.25°	6891	8365	9792	11012	11907	12455	12639	12455	11907	11012	9792
-2.5°	6533	7936	9290	10465	11352	11907	12080	11907	11352	10465	9290
-3.75°	5970	7270	8517	9621	10465	11012	11177	11012	10465	9621	8517
-5°	5234	6421	7531	8517	9290	9792	9969	9792	9290	8517	7531
-6.25°	4466	5440	6421	7270	7936	8365	8514	8365	7936	7270	6421
-7.5°	3713	4466	5234	5970	6533	6891	7014	6891	6533	5970	5234
-8.75°	3063	3589	4153	4711	5140	5431	5535	5431	5140	4711	4153
-10°	2552	2899	3267	3644	3954	4145	4210	4145	3954	3644	3267
-11.25°	2157	2386	2631	2853	3053	3176	3218	3176	3053	2853	2631
-12.5°	1857	2006	2173	2306	2434	2514	2542	2514	2434	2306	2173
-13.75°	1619	1730	1840	1932	2001	2055	2073	2055	2001	1932	1840
-15°	1436	1511	1586	1655	1705	1736	1746	1736	1705	1655	1586
-16.25°	1307	1357	1400	1446	1480	1500	1507	1500	1480	1446	1400
-17.5°	1201	1241	1276	1304	1326	1340	1345	1340	1326	1304	1276
-18.75°	1117	1146	1172	1192	1208	1219	1223	1219	1208	1192	1172
-20°	1045	1067	1088	1105	1116	1124	1126	1124	1116	1105	1088
-21.25°	981	1000	1017	1030	1040	1046	1048	1046	1040	1030	1017



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	915	935	953	965	973	978	980	978	973	965	953
-23.75°	827	853	875	892	902	907	909	907	902	892	875
-25°	717	746	770	789	803	811	814	811	803	789	770
-26.25°	594	626	650	670	684	692	695	692	684	670	650
-27.5°	462	493	518	538	552	561	564	561	552	538	518
-28.75°	336	363	385	403	416	425	427	425	416	403	385
-30°	231	251	268	281	290	296	298	296	290	281	268
-31.25°	135	154	170	182	191	197	199	197	191	182	170
-32.5°	82	87	91	95	97	99	99	99	97	95	91
-33.75°	55	60	64	67	69	71	71	71	69	67	64
-35°	40	41	42	42	43	43	43	43	43	42	42
-36.25°	34	35	36	36	37	37	37	37	37	36	36
-37.5°	29	29	30	30	31	31	31	31	31	30	30
-38.75°	24	25	26	26	26	26	27	26	26	26	26
-40°	19	20	21	21	22	22	22	22	22	21	21
-41.25°	14	15	15	16	16	16	17	16	16	16	15
-42.5°	11	11	11	11	11	11	11	11	11	11	11
-43.75°	10	10	10	10	10	10	10	10	10	10	10
-45°	9	9	9	9	9	9	9	9	9	9	9
-46.25°	8	8	8	8	8	8	8	8	8	8	8
-47.5°	7	7	7	7	7	7	7	7	7	7	7
-48.75°	6	6	6	6	6	6	7	6	6	6	6
-50°	6	6	6	6	6	6	6	6	6	6	6
-51.25°	6	6	6	6	6	6	6	6	6	6	6
-52.5°	6	6	6	6	6	6	6	6	6	6	6
-53.75°	5	5	5	5	5	5	6	5	5	5	5
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	4	4	4	4	4	4	5	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	3	3	3	3	3	3	4	3	3	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	2	2	2	2	2	2	3	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	1	1	1	1	1	1	2	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-86.25°	0	0	0	0	0	0	1	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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	3	3	3	3	3	3	3	3	3	3	3
68.75°	3	3	3	3	3	3	3	3	3	3	3
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°	4	4	4	4	4	4	4	4	4	4	3
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	5	5	5	5	5	5	5	5	4	4	4
58.75°	5	5	5	5	5	5	5	5	5	5	5
57.5°	5	5	5	5	5	5	5	5	5	5	5
56.25°	5	5	5	5	5	5	5	5	5	5	5
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	5	5	5	5	5	5	5	5	5	5	5
52.5°	6	6	6	6	6	6	6	5	5	5	5
51.25°	6	6	6	6	6	6	6	6	6	6	6
50°	6	6	6	6	6	6	6	6	6	6	6
48.75°	6	6	6	6	6	6	6	6	6	6	6
47.5°	7	7	7	7	7	7	6	6	6	6	6
46.25°	8	8	7	7	7	7	7	7	7	7	6
45°	9	9	8	8	8	8	8	7	7	7	7
43.75°	10	10	9	9	9	9	9	8	8	8	8
42.5°	11	11	10	10	10	10	10	9	9	9	8
41.25°	15	14	13	12	11	11	11	10	10	10	9
40°	20	19	19	17	16	15	14	12	11	11	10
38.75°	25	24	24	23	22	20	19	17	15	13	11
37.5°	29	29	28	27	26	25	23	22	20	18	16
36.25°	35	34	33	31	30	29	28	26	25	23	21
35°	41	40	38	37	36	34	32	30	29	27	25



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	60	55	49	43	41	39	38	35	33	31	29
32.5°	87	82	76	69	61	53	43	41	39	36	33
31.25°	154	135	112	96	87	78	69	58	47	41	38
30°	251	231	208	181	150	117	94	83	71	58	45
28.75°	363	336	304	274	243	208	170	129	95	82	68
27.5°	493	462	427	387	344	298	258	215	169	121	91
26.25°	626	594	556	513	465	413	359	301	253	202	149
25°	746	717	680	639	590	534	474	410	346	283	228
23.75°	853	827	793	752	706	652	592	525	454	380	306
22.5°	935	915	889	853	812	759	702	637	563	485	403
21.25°	1000	981	959	931	899	853	801	738	667	589	504
20°	1067	1045	1020	992	963	927	885	829	762	686	603
18.75°	1146	1117	1086	1053	1019	985	948	903	845	773	692
17.5°	1241	1201	1163	1121	1081	1040	1000	959	912	850	773
16.25°	1357	1307	1255	1199	1150	1101	1053	1007	963	912	845
15°	1511	1436	1364	1296	1230	1168	1111	1057	1007	959	903
13.75°	1730	1619	1507	1405	1324	1246	1174	1111	1053	1000	948
12.5°	2006	1857	1702	1553	1433	1333	1246	1168	1101	1040	985
11.25°	2386	2157	1938	1744	1573	1433	1324	1230	1150	1081	1019
10°	2899	2552	2235	1965	1744	1553	1405	1296	1199	1121	1053
8.75°	3589	3063	2608	2235	1938	1702	1507	1364	1255	1163	1086
7.5°	4466	3713	3063	2552	2157	1857	1619	1436	1307	1201	1117
6.25°	5440	4466	3589	2899	2386	2006	1730	1511	1357	1241	1146
5°	6421	5234	4153	3267	2631	2173	1840	1586	1400	1276	1172
3.75°	7270	5970	4711	3644	2853	2306	1932	1655	1446	1304	1192
2.5°	7936	6533	5140	3954	3053	2434	2001	1705	1480	1326	1208
1.25°	8365	6891	5431	4145	3176	2514	2055	1736	1500	1340	1219
0°	8514	7014	5535	4210	3218	2542	2073	1746	1507	1345	1223
-1.25°	8365	6891	5431	4145	3176	2514	2055	1736	1500	1340	1219
-2.5°	7936	6533	5140	3954	3053	2434	2001	1705	1480	1326	1208
-3.75°	7270	5970	4711	3644	2853	2306	1932	1655	1446	1304	1192
-5°	6421	5234	4153	3267	2631	2173	1840	1586	1400	1276	1172
-6.25°	5440	4466	3589	2899	2386	2006	1730	1511	1357	1241	1146
-7.5°	4466	3713	3063	2552	2157	1857	1619	1436	1307	1201	1117
-8.75°	3589	3063	2608	2235	1938	1702	1507	1364	1255	1163	1086
-10°	2899	2552	2235	1965	1744	1553	1405	1296	1199	1121	1053
-11.25°	2386	2157	1938	1744	1573	1433	1324	1230	1150	1081	1019
-12.5°	2006	1857	1702	1553	1433	1333	1246	1168	1101	1040	985
-13.75°	1730	1619	1507	1405	1324	1246	1174	1111	1053	1000	948
-15°	1511	1436	1364	1296	1230	1168	1111	1057	1007	959	903
-16.25°	1357	1307	1255	1199	1150	1101	1053	1007	963	912	845
-17.5°	1241	1201	1163	1121	1081	1040	1000	959	912	850	773
-18.75°	1146	1117	1086	1053	1019	985	948	903	845	773	692
-20°	1067	1045	1020	992	963	927	885	829	762	686	603
-21.25°	1000	981	959	931	899	853	801	738	667	589	504



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	935	915	889	853	812	759	702	637	563	485	403
-23.75°	853	827	793	752	706	652	592	525	454	380	306
-25°	746	717	680	639	590	534	474	410	346	283	228
-26.25°	626	594	556	513	465	413	359	301	253	202	149
-27.5°	493	462	427	387	344	298	258	215	169	121	91
-28.75°	363	336	304	274	243	208	170	129	95	82	68
-30°	251	231	208	181	150	117	94	83	71	58	45
-31.25°	154	135	112	96	87	78	69	58	47	41	38
-32.5°	87	82	76	69	61	53	43	41	39	36	33
-33.75°	60	55	49	43	41	39	38	35	33	31	29
-35°	41	40	38	37	36	34	32	30	29	27	25
-36.25°	35	34	33	31	30	29	28	26	25	23	21
-37.5°	29	29	28	27	26	25	23	22	20	18	16
-38.75°	25	24	24	23	22	20	19	17	15	13	11
-40°	20	19	19	17	16	15	14	12	11	11	10
-41.25°	15	14	13	12	11	11	11	10	10	10	9
-42.5°	11	11	10	10	10	10	10	9	9	9	8
-43.75°	10	10	9	9	9	9	9	8	8	8	8
-45°	9	9	8	8	8	8	8	7	7	7	7
-46.25°	8	8	7	7	7	7	7	7	7	7	6
-47.5°	7	7	7	7	7	7	6	6	6	6	6
-48.75°	6	6	6	6	6	6	6	6	6	6	6
-50°	6	6	6	6	6	6	6	6	6	6	6
-51.25°	6	6	6	6	6	6	6	6	6	6	6
-52.5°	6	6	6	6	6	6	6	5	5	5	5
-53.75°	5	5	5	5	5	5	5	5	5	5	5
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	5	5	5	5
-57.5°	5	5	5	5	5	5	5	5	5	5	5
-58.75°	5	5	5	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	4	4	4	4	4	4	4	4	4	4	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°	3	3	3	3	3	3	3	3	3	3	3
-70°	3	3	3	3	3	3	3	3	3	3	3
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	2	2	2	1	1	1	1	1	1	1	1
73.75°	2	2	2	2	2	2	2	2	2	2	1
72.5°	2	2	2	2	2	2	2	2	2	2	2
71.25°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	3	3	3	3	3	3	3	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°	4	4	4	4	3	3	3	3	3	3	3
62.5°	4	4	4	4	4	4	4	4	3	3	3
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	4	4
58.75°	5	5	4	4	4	4	4	4	4	4	4
57.5°	5	5	5	5	5	5	4	4	4	4	4
56.25°	5	5	5	5	5	5	5	5	5	4	4
55°	5	5	5	5	5	5	5	5	5	5	5
53.75°	5	5	5	5	5	5	5	5	5	5	5
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	5	5	5	5	5	5	5	5	5	5	5
50°	6	6	6	5	5	5	5	5	5	5	5
48.75°	6	6	6	6	6	6	5	5	5	5	5
47.5°	6	6	6	6	6	6	6	6	5	5	5
46.25°	6	6	6	6	6	6	6	6	6	5	5
45°	7	6	6	6	6	6	6	6	6	6	6
43.75°	7	7	7	7	6	6	6	6	6	6	6
42.5°	8	8	7	7	7	7	6	6	6	6	6
41.25°	9	9	8	8	7	7	7	6	6	6	6
40°	10	9	9	9	8	8	7	7	7	6	6
38.75°	11	10	10	9	9	9	8	8	7	7	6
37.5°	14	12	11	10	10	9	9	8	8	7	7
36.25°	19	16	14	11	11	10	10	9	8	8	7
35°	23	21	18	16	13	11	10	10	9	9	8



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	27	25	23	20	17	14	11	10	10	9	9
32.5°	31	29	26	24	21	18	15	12	11	10	9
31.25°	36	33	30	27	25	22	19	16	12	11	10
30°	40	37	34	31	28	25	23	19	16	12	11
28.75°	54	42	39	35	32	29	26	23	19	16	12
27.5°	76	60	44	40	36	32	29	26	23	19	15
26.25°	98	81	64	47	40	36	32	29	25	22	18
25°	170	110	85	67	48	40	36	32	28	25	21
23.75°	245	182	118	86	67	47	40	35	31	27	24
22.5°	323	253	187	118	85	64	44	39	34	30	26
21.25°	415	329	253	182	110	81	60	42	37	33	29
20°	510	415	323	245	170	98	76	54	40	36	31
18.75°	603	504	403	306	228	149	91	68	45	38	33
17.5°	686	589	485	380	283	202	121	82	58	41	36
16.25°	762	667	563	454	346	253	169	95	71	47	39
15°	829	738	637	525	410	301	215	129	83	58	41
13.75°	885	801	702	592	474	359	258	170	94	69	43
12.5°	927	853	759	652	534	413	298	208	117	78	53
11.25°	963	899	812	706	590	465	344	243	150	87	61
10°	992	931	853	752	639	513	387	274	181	96	69
8.75°	1020	959	889	793	680	556	427	304	208	112	76
7.5°	1045	981	915	827	717	594	462	336	231	135	82
6.25°	1067	1000	935	853	746	626	493	363	251	154	87
5°	1088	1017	953	875	770	650	518	385	268	170	91
3.75°	1105	1030	965	892	789	670	538	403	281	182	95
2.5°	1116	1040	973	902	803	684	552	416	290	191	97
1.25°	1124	1046	978	907	811	692	561	425	296	197	99
0°	1126	1048	980	909	814	695	564	427	298	199	99
-1.25°	1124	1046	978	907	811	692	561	425	296	197	99
-2.5°	1116	1040	973	902	803	684	552	416	290	191	97
-3.75°	1105	1030	965	892	789	670	538	403	281	182	95
-5°	1088	1017	953	875	770	650	518	385	268	170	91
-6.25°	1067	1000	935	853	746	626	493	363	251	154	87
-7.5°	1045	981	915	827	717	594	462	336	231	135	82
-8.75°	1020	959	889	793	680	556	427	304	208	112	76
-10°	992	931	853	752	639	513	387	274	181	96	69
-11.25°	963	899	812	706	590	465	344	243	150	87	61
-12.5°	927	853	759	652	534	413	298	208	117	78	53
-13.75°	885	801	702	592	474	359	258	170	94	69	43
-15°	829	738	637	525	410	301	215	129	83	58	41
-16.25°	762	667	563	454	346	253	169	95	71	47	39
-17.5°	686	589	485	380	283	202	121	82	58	41	36
-18.75°	603	504	403	306	228	149	91	68	45	38	33
-20°	510	415	323	245	170	98	76	54	40	36	31
-21.25°	415	329	253	182	110	81	60	42	37	33	29



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	323	253	187	118	85	64	44	39	34	30	26
-23.75°	245	182	118	86	67	47	40	35	31	27	24
-25°	170	110	85	67	48	40	36	32	28	25	21
-26.25°	98	81	64	47	40	36	32	29	25	22	18
-27.5°	76	60	44	40	36	32	29	26	23	19	15
-28.75°	54	42	39	35	32	29	26	23	19	16	12
-30°	40	37	34	31	28	25	23	19	16	12	11
-31.25°	36	33	30	27	25	22	19	16	12	11	10
-32.5°	31	29	26	24	21	18	15	12	11	10	9
-33.75°	27	25	23	20	17	14	11	10	10	9	9
-35°	23	21	18	16	13	11	10	10	9	9	8
-36.25°	19	16	14	11	11	10	10	9	8	8	7
-37.5°	14	12	11	10	10	9	9	8	8	7	7
-38.75°	11	10	10	9	9	9	8	8	7	7	6
-40°	10	9	9	9	8	8	7	7	7	6	6
-41.25°	9	9	8	8	7	7	7	6	6	6	6
-42.5°	8	8	7	7	7	7	6	6	6	6	6
-43.75°	7	7	7	7	6	6	6	6	6	6	6
-45°	7	6	6	6	6	6	6	6	6	6	6
-46.25°	6	6	6	6	6	6	6	6	6	5	5
-47.5°	6	6	6	6	6	6	6	6	5	5	5
-48.75°	6	6	6	6	6	6	5	5	5	5	5
-50°	6	6	6	5	5	5	5	5	5	5	5
-51.25°	5	5	5	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	5	5	5	5	5	5	5	5	5	5	5
-55°	5	5	5	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	5	5	4	4
-57.5°	5	5	5	5	5	5	4	4	4	4	4
-58.75°	5	5	4	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	3	3	3
-63.75°	4	4	4	4	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	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	2	2	2	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	1
-75°	2	2	2	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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	1	1	1	1
-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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	1	1	1	1	1	1	1	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	2	2	2	2	1	1	1	1	1	1	1
71.25°	2	2	2	2	2	2	2	1	1	1	1
70°	2	2	2	2	2	2	2	2	2	2	1
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	3	3	3	2	2	2	2	2	2	2	2
65°	3	3	3	3	3	3	2	2	2	2	2
63.75°	3	3	3	3	3	3	3	3	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	3	2
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	4	4	4	3	3	3	3	3	3	3	3
58.75°	4	4	4	4	4	3	3	3	3	3	3
57.5°	4	4	4	4	4	4	4	3	3	3	3
56.25°	4	4	4	4	4	4	4	4	3	3	3
55°	4	4	4	4	4	4	4	4	4	4	3
53.75°	5	5	4	4	4	4	4	4	4	4	4
52.5°	5	5	5	5	4	4	4	4	4	4	4
51.25°	5	5	5	5	5	4	4	4	4	4	4
50°	5	5	5	5	5	5	5	4	4	4	4
48.75°	5	5	5	5	5	5	5	5	4	4	4
47.5°	5	5	5	5	5	5	5	5	5	4	4
46.25°	5	5	5	5	5	5	5	5	5	5	4
45°	5	5	5	5	5	5	5	5	5	5	5
43.75°	6	6	5	5	5	5	5	5	5	5	5
42.5°	6	6	6	5	5	5	5	5	5	5	5
41.25°	6	6	6	6	5	5	5	5	5	5	5
40°	6	6	6	6	6	5	5	5	5	5	5
38.75°	6	6	6	6	6	6	5	5	5	5	5
37.5°	7	6	6	6	6	6	6	5	5	5	5
36.25°	7	7	6	6	6	6	6	6	5	5	5
35°	7	7	7	6	6	6	6	6	6	5	5



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	8	7	7	7	6	6	6	6	6	5	5
32.5°	9	8	7	7	6	6	6	6	6	6	5
31.25°	9	9	8	7	7	6	6	6	6	6	5
30°	10	9	8	8	7	7	6	6	6	6	6
28.75°	10	10	9	8	8	7	6	6	6	6	6
27.5°	11	10	10	9	8	7	7	6	6	6	6
26.25°	14	11	10	9	9	8	7	7	6	6	6
25°	17	13	11	10	9	8	7	7	6	6	6
23.75°	20	16	11	10	9	9	8	7	7	6	6
22.5°	23	18	14	11	10	9	8	7	7	6	6
21.25°	25	21	16	12	10	9	9	8	7	6	6
20°	27	23	19	14	11	10	9	8	7	7	6
18.75°	29	25	21	16	11	10	9	8	8	7	6
17.5°	31	27	23	18	13	11	10	9	8	7	7
16.25°	33	29	25	20	15	11	10	9	8	7	7
15°	35	30	26	22	17	12	10	9	8	7	7
13.75°	38	32	28	23	19	14	11	10	9	8	7
12.5°	39	34	29	25	20	15	11	10	9	8	7
11.25°	41	36	30	26	22	16	11	10	9	8	7
10°	43	37	31	27	23	17	12	10	9	8	7
8.75°	49	38	33	28	24	19	13	10	9	8	7
7.5°	55	40	34	29	24	19	14	11	10	9	8
6.25°	60	41	35	29	25	20	15	11	10	9	8
5°	64	42	36	30	26	21	15	11	10	9	8
3.75°	67	42	36	30	26	21	16	11	10	9	8
2.5°	69	43	37	31	26	22	16	11	10	9	8
1.25°	71	43	37	31	26	22	16	11	10	9	8
0°	71	43	37	31	27	22	17	11	10	9	8
-1.25°	71	43	37	31	26	22	16	11	10	9	8
-2.5°	69	43	37	31	26	22	16	11	10	9	8
-3.75°	67	42	36	30	26	21	16	11	10	9	8
-5°	64	42	36	30	26	21	15	11	10	9	8
-6.25°	60	41	35	29	25	20	15	11	10	9	8
-7.5°	55	40	34	29	24	19	14	11	10	9	8
-8.75°	49	38	33	28	24	19	13	10	9	8	7
-10°	43	37	31	27	23	17	12	10	9	8	7
-11.25°	41	36	30	26	22	16	11	10	9	8	7
-12.5°	39	34	29	25	20	15	11	10	9	8	7
-13.75°	38	32	28	23	19	14	11	10	9	8	7
-15°	35	30	26	22	17	12	10	9	8	7	7
-16.25°	33	29	25	20	15	11	10	9	8	7	7
-17.5°	31	27	23	18	13	11	10	9	8	7	7
-18.75°	29	25	21	16	11	10	9	8	8	7	6
-20°	27	23	19	14	11	10	9	8	7	7	6
-21.25°	25	21	16	12	10	9	9	8	7	6	6



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	23	18	14	11	10	9	8	7	7	6	6
-23.75°	20	16	11	10	9	9	8	7	7	6	6
-25°	17	13	11	10	9	8	7	7	6	6	6
-26.25°	14	11	10	9	9	8	7	7	6	6	6
-27.5°	11	10	10	9	8	7	7	6	6	6	6
-28.75°	10	10	9	8	8	7	6	6	6	6	6
-30°	10	9	8	8	7	7	6	6	6	6	6
-31.25°	9	9	8	7	7	6	6	6	6	6	5
-32.5°	9	8	7	7	6	6	6	6	6	6	5
-33.75°	8	7	7	7	6	6	6	6	6	5	5
-35°	7	7	7	6	6	6	6	6	6	5	5
-36.25°	7	7	6	6	6	6	6	6	5	5	5
-37.5°	7	6	6	6	6	6	6	5	5	5	5
-38.75°	6	6	6	6	6	6	5	5	5	5	5
-40°	6	6	6	6	6	5	5	5	5	5	5
-41.25°	6	6	6	6	5	5	5	5	5	5	5
-42.5°	6	6	6	5	5	5	5	5	5	5	5
-43.75°	6	6	5	5	5	5	5	5	5	5	5
-45°	5	5	5	5	5	5	5	5	5	5	5
-46.25°	5	5	5	5	5	5	5	5	5	5	4
-47.5°	5	5	5	5	5	5	5	5	5	4	4
-48.75°	5	5	5	5	5	5	5	5	4	4	4
-50°	5	5	5	5	5	5	5	4	4	4	4
-51.25°	5	5	5	5	5	4	4	4	4	4	4
-52.5°	5	5	5	5	4	4	4	4	4	4	4
-53.75°	5	5	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	3
-56.25°	4	4	4	4	4	4	4	4	3	3	3
-57.5°	4	4	4	4	4	4	4	3	3	3	3
-58.75°	4	4	4	4	4	3	3	3	3	3	3
-60°	4	4	4	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	2
-63.75°	3	3	3	3	3	3	3	3	2	2	2
-65°	3	3	3	3	3	3	2	2	2	2	2
-66.25°	3	3	3	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	1
-71.25°	2	2	2	2	2	2	2	1	1	1	1
-72.5°	2	2	2	2	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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	1
-83.75°	1	1	1	1	1	1	1	1	1	1	1
-85°	1	1	1	1	1	1	1	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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	1	1	1	1	1	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	1	1	0
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	2	2	1	1	1	1	1	1	1	1	1
67.5°	2	2	2	2	1	1	1	1	1	1	1
66.25°	2	2	2	2	2	2	1	1	1	1	1
65°	2	2	2	2	2	2	2	1	1	1	1
63.75°	2	2	2	2	2	2	2	2	1	1	1
62.5°	2	2	2	2	2	2	2	2	2	2	1
61.25°	3	2	2	2	2	2	2	2	2	2	2
60°	3	3	2	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	2	2	2	2	2	2	2
57.5°	3	3	3	3	3	2	2	2	2	2	2
56.25°	3	3	3	3	3	3	2	2	2	2	2
55°	3	3	3	3	3	3	3	2	2	2	2
53.75°	3	3	3	3	3	3	3	3	2	2	2
52.5°	4	3	3	3	3	3	3	3	3	2	2
51.25°	4	4	3	3	3	3	3	3	3	3	2
50°	4	4	4	3	3	3	3	3	3	3	2
48.75°	4	4	4	4	3	3	3	3	3	3	3
47.5°	4	4	4	4	4	3	3	3	3	3	3
46.25°	4	4	4	4	4	4	3	3	3	3	3
45°	4	4	4	4	4	4	4	3	3	3	3
43.75°	5	4	4	4	4	4	4	3	3	3	3
42.5°	5	5	4	4	4	4	4	4	3	3	3
41.25°	5	5	5	4	4	4	4	4	4	3	3
40°	5	5	5	4	4	4	4	4	4	3	3
38.75°	5	5	5	5	4	4	4	4	4	4	3
37.5°	5	5	5	5	5	4	4	4	4	4	3
36.25°	5	5	5	5	5	4	4	4	4	4	4
35°	5	5	5	5	5	5	4	4	4	4	4



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	5	5	5	5	5	5	4	4	4	4	4
32.5°	5	5	5	5	5	5	5	4	4	4	4
31.25°	5	5	5	5	5	5	5	4	4	4	4
30°	5	5	5	5	5	5	5	5	4	4	4
28.75°	6	5	5	5	5	5	5	5	4	4	4
27.5°	6	5	5	5	5	5	5	5	4	4	4
26.25°	6	6	5	5	5	5	5	5	5	4	4
25°	6	6	5	5	5	5	5	5	5	4	4
23.75°	6	6	5	5	5	5	5	5	5	4	4
22.5°	6	6	6	5	5	5	5	5	5	4	4
21.25°	6	6	6	5	5	5	5	5	5	5	4
20°	6	6	6	5	5	5	5	5	5	5	4
18.75°	6	6	6	6	5	5	5	5	5	5	4
17.5°	6	6	6	6	5	5	5	5	5	5	4
16.25°	6	6	6	6	5	5	5	5	5	5	4
15°	6	6	6	6	5	5	5	5	5	5	5
13.75°	6	6	6	6	6	5	5	5	5	5	5
12.5°	7	6	6	6	6	5	5	5	5	5	5
11.25°	7	6	6	6	6	5	5	5	5	5	5
10°	7	6	6	6	6	5	5	5	5	5	5
8.75°	7	6	6	6	6	5	5	5	5	5	5
7.5°	7	6	6	6	6	5	5	5	5	5	5
6.25°	7	6	6	6	6	5	5	5	5	5	5
5°	7	6	6	6	6	5	5	5	5	5	5
3.75°	7	6	6	6	6	5	5	5	5	5	5
2.5°	7	6	6	6	6	5	5	5	5	5	5
1.25°	7	6	6	6	6	5	5	5	5	5	5
0°	7	7	6	6	6	6	5	5	5	5	5
-1.25°	7	6	6	6	6	5	5	5	5	5	5
-2.5°	7	6	6	6	6	5	5	5	5	5	5
-3.75°	7	6	6	6	6	5	5	5	5	5	5
-5°	7	6	6	6	6	5	5	5	5	5	5
-6.25°	7	6	6	6	6	5	5	5	5	5	5
-7.5°	7	6	6	6	6	5	5	5	5	5	5
-8.75°	7	6	6	6	6	5	5	5	5	5	5
-10°	7	6	6	6	6	5	5	5	5	5	5
-11.25°	7	6	6	6	6	5	5	5	5	5	5
-12.5°	7	6	6	6	6	5	5	5	5	5	5
-13.75°	6	6	6	6	6	5	5	5	5	5	5
-15°	6	6	6	6	5	5	5	5	5	5	5
-16.25°	6	6	6	6	5	5	5	5	5	5	4
-17.5°	6	6	6	6	5	5	5	5	5	5	4
-18.75°	6	6	6	6	5	5	5	5	5	5	4
-20°	6	6	6	5	5	5	5	5	5	5	4
-21.25°	6	6	6	5	5	5	5	5	5	5	4



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	6	6	6	5	5	5	5	5	5	4	4
-23.75°	6	6	5	5	5	5	5	5	5	4	4
-25°	6	6	5	5	5	5	5	5	5	4	4
-26.25°	6	6	5	5	5	5	5	5	5	4	4
-27.5°	6	5	5	5	5	5	5	5	4	4	4
-28.75°	6	5	5	5	5	5	5	5	4	4	4
-30°	5	5	5	5	5	5	5	5	4	4	4
-31.25°	5	5	5	5	5	5	5	4	4	4	4
-32.5°	5	5	5	5	5	5	5	4	4	4	4
-33.75°	5	5	5	5	5	5	4	4	4	4	4
-35°	5	5	5	5	5	5	4	4	4	4	4
-36.25°	5	5	5	5	5	4	4	4	4	4	4
-37.5°	5	5	5	5	5	4	4	4	4	4	3
-38.75°	5	5	5	5	4	4	4	4	4	4	3
-40°	5	5	5	4	4	4	4	4	4	3	3
-41.25°	5	5	5	4	4	4	4	4	4	3	3
-42.5°	5	5	4	4	4	4	4	4	3	3	3
-43.75°	5	4	4	4	4	4	4	3	3	3	3
-45°	4	4	4	4	4	4	4	3	3	3	3
-46.25°	4	4	4	4	4	4	3	3	3	3	3
-47.5°	4	4	4	4	4	3	3	3	3	3	3
-48.75°	4	4	4	4	3	3	3	3	3	3	3
-50°	4	4	4	3	3	3	3	3	3	3	2
-51.25°	4	4	3	3	3	3	3	3	3	3	2
-52.5°	4	3	3	3	3	3	3	3	3	2	2
-53.75°	3	3	3	3	3	3	3	3	2	2	2
-55°	3	3	3	3	3	3	3	2	2	2	2
-56.25°	3	3	3	3	3	3	2	2	2	2	2
-57.5°	3	3	3	3	3	2	2	2	2	2	2
-58.75°	3	3	3	3	2	2	2	2	2	2	2
-60°	3	3	2	2	2	2	2	2	2	2	2
-61.25°	3	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	1
-63.75°	2	2	2	2	2	2	2	2	1	1	1
-65°	2	2	2	2	2	2	2	1	1	1	1
-66.25°	2	2	2	2	2	2	1	1	1	1	1
-67.5°	2	2	2	2	1	1	1	1	1	1	1
-68.75°	2	2	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-81.25°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	1	1	1	1	1	1	1	1	1	1	0
-83.75°	1	1	1	1	1	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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	1	1	1	0	0	0	0	0	0	0	0
80°	1	1	1	1	1	1	0	0	0	0	0
78.75°	1	1	1	1	1	1	1	1	0	0	0
77.5°	1	1	1	1	1	1	1	1	1	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°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	2	1	1	1	1	1	1	1	1	1	1
58.75°	2	2	1	1	1	1	1	1	1	1	1
57.5°	2	2	1	1	1	1	1	1	1	1	1
56.25°	2	2	2	1	1	1	1	1	1	1	1
55°	2	2	2	2	1	1	1	1	1	1	1
53.75°	2	2	2	2	2	1	1	1	1	1	1
52.5°	2	2	2	2	2	1	1	1	1	1	1
51.25°	2	2	2	2	2	2	1	1	1	1	1
50°	2	2	2	2	2	2	1	1	1	1	1
48.75°	2	2	2	2	2	2	2	1	1	1	1
47.5°	3	2	2	2	2	2	2	1	1	1	1
46.25°	3	2	2	2	2	2	2	1	1	1	1
45°	3	3	2	2	2	2	2	2	1	1	1
43.75°	3	3	2	2	2	2	2	2	1	1	1
42.5°	3	3	3	2	2	2	2	2	1	1	1
41.25°	3	3	3	2	2	2	2	2	2	1	1
40°	3	3	3	3	2	2	2	2	2	1	1
38.75°	3	3	3	3	2	2	2	2	2	1	1
37.5°	3	3	3	3	2	2	2	2	2	2	1
36.25°	3	3	3	3	3	2	2	2	2	2	1
35°	3	3	3	3	3	2	2	2	2	2	1



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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	3	3	3	2	2	2	2	2	1
32.5°	4	3	3	3	3	3	2	2	2	2	1
31.25°	4	3	3	3	3	3	2	2	2	2	2
30°	4	3	3	3	3	3	2	2	2	2	2
28.75°	4	4	3	3	3	3	2	2	2	2	2
27.5°	4	4	3	3	3	3	3	2	2	2	2
26.25°	4	4	3	3	3	3	3	2	2	2	2
25°	4	4	3	3	3	3	3	2	2	2	2
23.75°	4	4	4	3	3	3	3	2	2	2	2
22.5°	4	4	4	3	3	3	3	2	2	2	2
21.25°	4	4	4	3	3	3	3	2	2	2	2
20°	4	4	4	3	3	3	3	2	2	2	2
18.75°	4	4	4	3	3	3	3	3	2	2	2
17.5°	4	4	4	4	3	3	3	3	2	2	2
16.25°	4	4	4	4	3	3	3	3	2	2	2
15°	4	4	4	4	3	3	3	3	2	2	2
13.75°	4	4	4	4	3	3	3	3	2	2	2
12.5°	4	4	4	4	3	3	3	3	2	2	2
11.25°	4	4	4	4	3	3	3	3	2	2	2
10°	4	4	4	4	3	3	3	3	2	2	2
8.75°	4	4	4	4	3	3	3	3	2	2	2
7.5°	4	4	4	4	3	3	3	3	2	2	2
6.25°	4	4	4	4	3	3	3	3	2	2	2
5°	4	4	4	4	3	3	3	3	2	2	2
3.75°	4	4	4	4	3	3	3	3	2	2	2
2.5°	4	4	4	4	3	3	3	3	2	2	2
1.25°	4	4	4	4	3	3	3	3	2	2	2
0°	5	4	4	4	4	3	3	3	3	2	2
-1.25°	4	4	4	4	3	3	3	3	2	2	2
-2.5°	4	4	4	4	3	3	3	3	2	2	2
-3.75°	4	4	4	4	3	3	3	3	2	2	2
-5°	4	4	4	4	3	3	3	3	2	2	2
-6.25°	4	4	4	4	3	3	3	3	2	2	2
-7.5°	4	4	4	4	3	3	3	3	2	2	2
-8.75°	4	4	4	4	3	3	3	3	2	2	2
-10°	4	4	4	4	3	3	3	3	2	2	2
-11.25°	4	4	4	4	3	3	3	3	2	2	2
-12.5°	4	4	4	4	3	3	3	3	2	2	2
-13.75°	4	4	4	4	3	3	3	3	2	2	2
-15°	4	4	4	4	3	3	3	3	2	2	2
-16.25°	4	4	4	4	3	3	3	3	2	2	2
-17.5°	4	4	4	4	3	3	3	3	2	2	2
-18.75°	4	4	4	3	3	3	3	3	2	2	2
-20°	4	4	4	3	3	3	3	2	2	2	2
-21.25°	4	4	4	3	3	3	3	2	2	2	2



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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	4	4	3	3	3	3	2	2	2	2
-23.75°	4	4	4	3	3	3	3	2	2	2	2
-25°	4	4	3	3	3	3	3	2	2	2	2
-26.25°	4	4	3	3	3	3	3	2	2	2	2
-27.5°	4	4	3	3	3	3	3	2	2	2	2
-28.75°	4	4	3	3	3	3	2	2	2	2	2
-30°	4	3	3	3	3	3	2	2	2	2	2
-31.25°	4	3	3	3	3	3	2	2	2	2	2
-32.5°	4	3	3	3	3	3	2	2	2	2	1
-33.75°	3	3	3	3	3	2	2	2	2	2	1
-35°	3	3	3	3	3	2	2	2	2	2	1
-36.25°	3	3	3	3	3	2	2	2	2	2	1
-37.5°	3	3	3	3	2	2	2	2	2	2	1
-38.75°	3	3	3	3	2	2	2	2	2	1	1
-40°	3	3	3	3	2	2	2	2	2	1	1
-41.25°	3	3	3	2	2	2	2	2	2	1	1
-42.5°	3	3	3	2	2	2	2	2	1	1	1
-43.75°	3	3	2	2	2	2	2	2	1	1	1
-45°	3	3	2	2	2	2	2	2	1	1	1
-46.25°	3	2	2	2	2	2	2	1	1	1	1
-47.5°	3	2	2	2	2	2	2	1	1	1	1
-48.75°	2	2	2	2	2	2	2	1	1	1	1
-50°	2	2	2	2	2	2	1	1	1	1	1
-51.25°	2	2	2	2	2	2	1	1	1	1	1
-52.5°	2	2	2	2	2	1	1	1	1	1	1
-53.75°	2	2	2	2	2	1	1	1	1	1	1
-55°	2	2	2	2	1	1	1	1	1	1	1
-56.25°	2	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°	2	2	1	1	1	1	1	1	1	1	1
-60°	2	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	1	1	1	1	1	1	1	1	0	0	0
-80°	1	1	1	1	1	1	0	0	0	0	0
-81.25°	1	1	1	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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	1	0	0	0	0	0	0	0	0	0	0
73.75°	1	1	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	0	0	0	0	0	0	0	0
70°	1	1	1	1	0	0	0	0	0	0	0
68.75°	1	1	1	1	0	0	0	0	0	0	0
67.5°	1	1	1	1	1	0	0	0	0	0	0
66.25°	1	1	1	1	1	0	0	0	0	0	0
65°	1	1	1	1	1	0	0	0	0	0	0
63.75°	1	1	1	1	1	1	0	0	0	0	0
62.5°	1	1	1	1	1	1	0	0	0	0	0
61.25°	1	1	1	1	1	1	0	0	0	0	0
60°	1	1	1	1	1	1	0	0	0	0	0
58.75°	1	1	1	1	1	1	1	0	0	0	0
57.5°	1	1	1	1	1	1	1	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	0	0	0	0
53.75°	1	1	1	1	1	1	1	0	0	0	0
52.5°	1	1	1	1	1	1	1	1	0	0	0
51.25°	1	1	1	1	1	1	1	1	0	0	0
50°	1	1	1	1	1	1	1	1	0	0	0
48.75°	1	1	1	1	1	1	1	1	0	0	0
47.5°	1	1	1	1	1	1	1	1	0	0	0
46.25°	1	1	1	1	1	1	1	1	0	0	0
45°	1	1	1	1	1	1	1	1	0	0	0
43.75°	1	1	1	1	1	1	1	1	0	0	0
42.5°	1	1	1	1	1	1	1	1	0	0	0
41.25°	1	1	1	1	1	1	1	1	1	0	0
40°	1	1	1	1	1	1	1	1	1	0	0
38.75°	1	1	1	1	1	1	1	1	1	0	0
37.5°	1	1	1	1	1	1	1	1	1	0	0
36.25°	1	1	1	1	1	1	1	1	1	0	0
35°	1	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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	1	1	1	1	1	1	1	0	0
32.5°	1	1	1	1	1	1	1	1	1	0	0
31.25°	1	1	1	1	1	1	1	1	1	0	0
30°	1	1	1	1	1	1	1	1	1	0	0
28.75°	1	1	1	1	1	1	1	1	1	0	0
27.5°	1	1	1	1	1	1	1	1	1	0	0
26.25°	1	1	1	1	1	1	1	1	1	0	0
25°	1	1	1	1	1	1	1	1	1	0	0
23.75°	1	1	1	1	1	1	1	1	1	0	0
22.5°	2	1	1	1	1	1	1	1	1	0	0
21.25°	2	1	1	1	1	1	1	1	1	0	0
20°	2	1	1	1	1	1	1	1	1	0	0
18.75°	2	1	1	1	1	1	1	1	1	0	0
17.5°	2	1	1	1	1	1	1	1	1	0	0
16.25°	2	1	1	1	1	1	1	1	1	0	0
15°	2	1	1	1	1	1	1	1	1	0	0
13.75°	2	1	1	1	1	1	1	1	1	0	0
12.5°	2	1	1	1	1	1	1	1	1	0	0
11.25°	2	1	1	1	1	1	1	1	1	0	0
10°	2	1	1	1	1	1	1	1	1	0	0
8.75°	2	1	1	1	1	1	1	1	1	0	0
7.5°	2	1	1	1	1	1	1	1	1	0	0
6.25°	2	1	1	1	1	1	1	1	1	0	0
5°	2	1	1	1	1	1	1	1	1	0	0
3.75°	2	1	1	1	1	1	1	1	1	0	0
2.5°	2	1	1	1	1	1	1	1	1	0	0
1.25°	2	1	1	1	1	1	1	1	1	0	0
0°	2	2	1	1	1	1	1	1	1	1	0
-1.25°	2	1	1	1	1	1	1	1	1	0	0
-2.5°	2	1	1	1	1	1	1	1	1	0	0
-3.75°	2	1	1	1	1	1	1	1	1	0	0
-5°	2	1	1	1	1	1	1	1	1	0	0
-6.25°	2	1	1	1	1	1	1	1	1	0	0
-7.5°	2	1	1	1	1	1	1	1	1	0	0
-8.75°	2	1	1	1	1	1	1	1	1	0	0
-10°	2	1	1	1	1	1	1	1	1	0	0
-11.25°	2	1	1	1	1	1	1	1	1	0	0
-12.5°	2	1	1	1	1	1	1	1	1	0	0
-13.75°	2	1	1	1	1	1	1	1	1	0	0
-15°	2	1	1	1	1	1	1	1	1	0	0
-16.25°	2	1	1	1	1	1	1	1	1	0	0
-17.5°	2	1	1	1	1	1	1	1	1	0	0
-18.75°	2	1	1	1	1	1	1	1	1	0	0
-20°	2	1	1	1	1	1	1	1	1	0	0
-21.25°	2	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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°	2	1	1	1	1	1	1	1	1	0	0
-23.75°	1	1	1	1	1	1	1	1	1	0	0
-25°	1	1	1	1	1	1	1	1	1	0	0
-26.25°	1	1	1	1	1	1	1	1	1	0	0
-27.5°	1	1	1	1	1	1	1	1	1	0	0
-28.75°	1	1	1	1	1	1	1	1	1	0	0
-30°	1	1	1	1	1	1	1	1	1	0	0
-31.25°	1	1	1	1	1	1	1	1	1	0	0
-32.5°	1	1	1	1	1	1	1	1	1	0	0
-33.75°	1	1	1	1	1	1	1	1	1	0	0
-35°	1	1	1	1	1	1	1	1	1	0	0
-36.25°	1	1	1	1	1	1	1	1	1	0	0
-37.5°	1	1	1	1	1	1	1	1	1	0	0
-38.75°	1	1	1	1	1	1	1	1	1	0	0
-40°	1	1	1	1	1	1	1	1	1	0	0
-41.25°	1	1	1	1	1	1	1	1	1	0	0
-42.5°	1	1	1	1	1	1	1	1	0	0	0
-43.75°	1	1	1	1	1	1	1	1	0	0	0
-45°	1	1	1	1	1	1	1	1	0	0	0
-46.25°	1	1	1	1	1	1	1	1	0	0	0
-47.5°	1	1	1	1	1	1	1	1	0	0	0
-48.75°	1	1	1	1	1	1	1	1	0	0	0
-50°	1	1	1	1	1	1	1	1	0	0	0
-51.25°	1	1	1	1	1	1	1	1	0	0	0
-52.5°	1	1	1	1	1	1	1	1	0	0	0
-53.75°	1	1	1	1	1	1	1	0	0	0	0
-55°	1	1	1	1	1	1	1	0	0	0	0
-56.25°	1	1	1	1	1	1	1	0	0	0	0
-57.5°	1	1	1	1	1	1	1	0	0	0	0
-58.75°	1	1	1	1	1	1	1	0	0	0	0
-60°	1	1	1	1	1	1	0	0	0	0	0
-61.25°	1	1	1	1	1	1	0	0	0	0	0
-62.5°	1	1	1	1	1	1	0	0	0	0	0
-63.75°	1	1	1	1	1	1	0	0	0	0	0
-65°	1	1	1	1	1	0	0	0	0	0	0
-66.25°	1	1	1	1	1	0	0	0	0	0	0
-67.5°	1	1	1	1	1	0	0	0	0	0	0
-68.75°	1	1	1	1	0	0	0	0	0	0	0
-70°	1	1	1	1	0	0	0	0	0	0	0
-71.25°	1	1	1	0	0	0	0	0	0	0	0
-72.5°	1	1	0	0	0	0	0	0	0	0	0
-73.75°	1	1	0	0	0	0	0	0	0	0	0
-75°	1	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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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: P29476 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED4080-S-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)