

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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-BK-L2-UNV**

Issue Date: 3/3/2020

Test Information

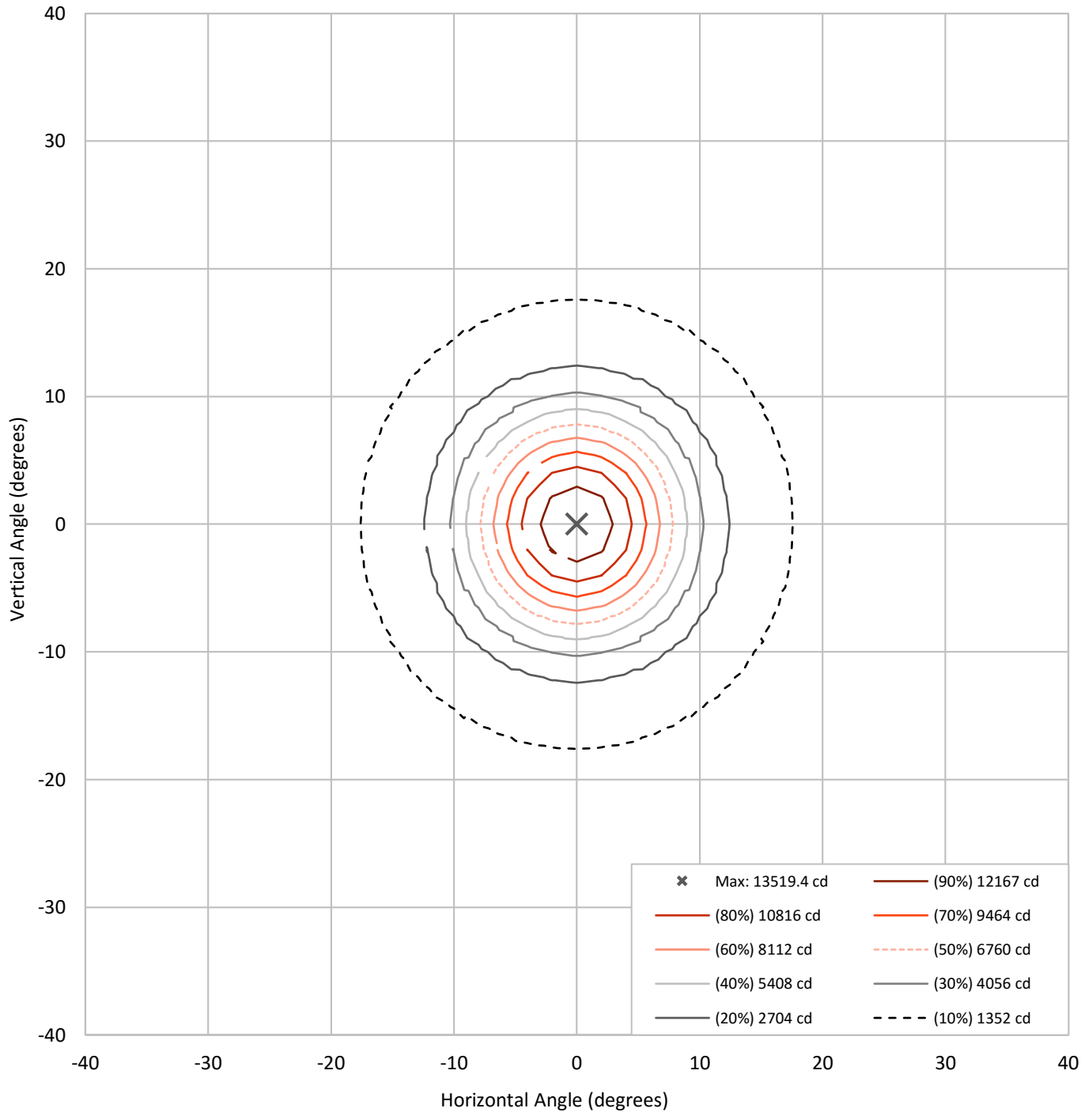
Test Method: LM-79-08
Report Number: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29472)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, SPOT
OPTIC, BLACK HOUSING.
Light Source: (1) 5000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	1574.9 lumens	Max Intensity:	13519.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	78.4 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	15.7°H x 15.7°V	Field Angle (10%):	35°H x 35°V
Beam Lumens:	561.4 lumens	Field Lumens:	1206.4 lumens
Beam Efficiency:	35.6%	Field Efficiency:	76.6%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-BK-L2-UNV

Iso-Candela Plot





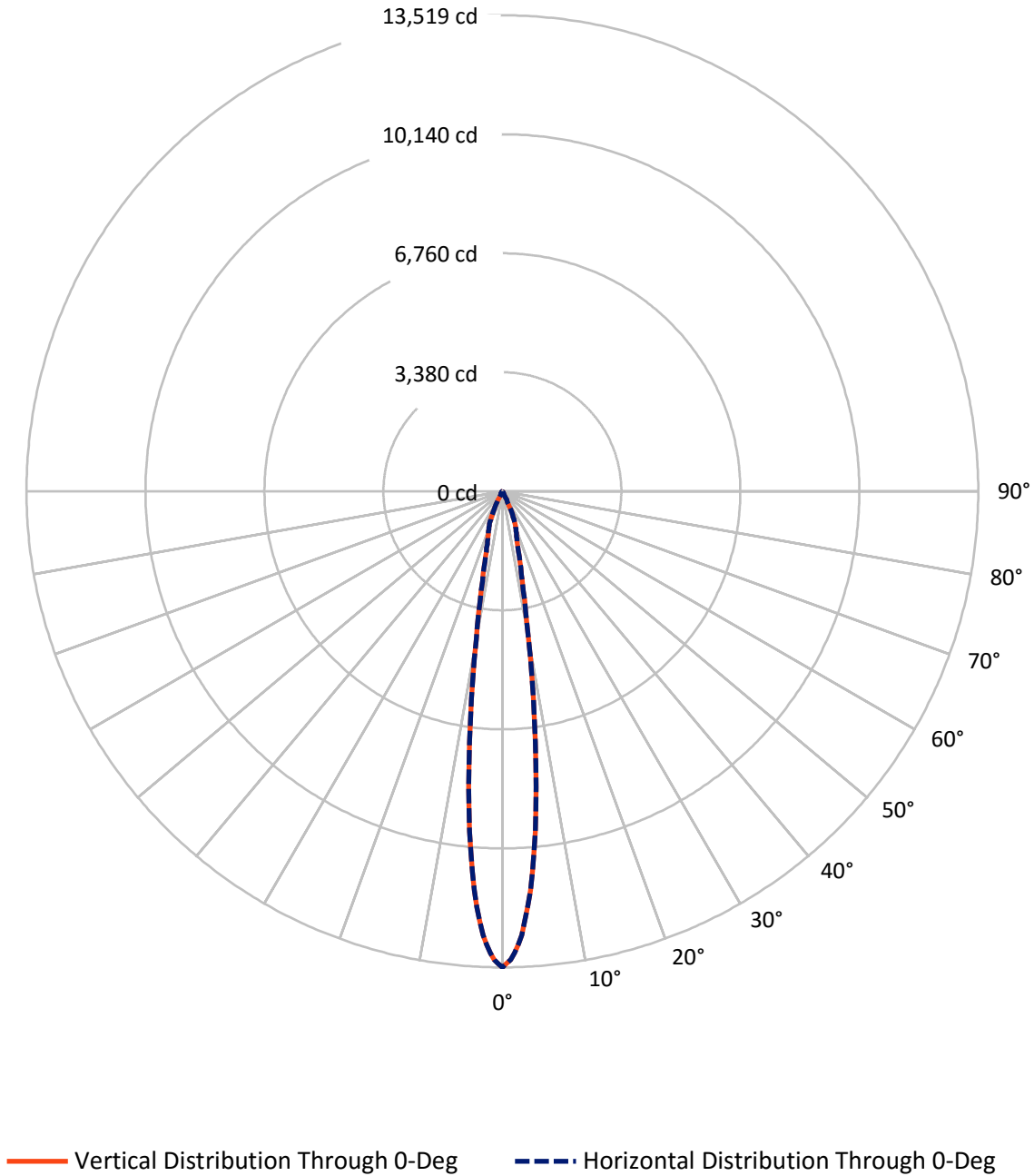
REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-BK-L2-UNV

Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
60		0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0		
50	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.0	0.0	0.0	
40		0.0	0.1	0.2	0.2	0.4	0.6	0.8	0.8	0.6	0.4	0.2	0.2	0.1	0.0		
30	0.0	0.0	0.1	0.2	0.3	0.8	4.9	13.8	13.8	4.9	0.8	0.3	0.2	0.1	0.0	0.0	
20		0.0	0.1	0.2	0.5	4.6	28.4	53.9	53.9	28.4	4.6	0.5	0.2	0.1	0.0		
10	0.0	0.0	0.1	0.2	0.7	12.7	52.5	215.1	215.1	52.5	12.7	0.7	0.2	0.1	0.0	0.0	
0		0.0	0.1	0.2	0.7	12.7	52.5	215.1	215.1	52.5	12.7	0.7	0.2	0.1	0.0		
-10	0.0	0.0	0.1	0.2	0.5	4.6	28.4	53.9	53.9	28.4	4.6	0.5	0.2	0.1	0.0	0.0	
-20		0.0	0.1	0.2	0.3	0.8	4.9	13.8	13.8	4.9	0.8	0.3	0.2	0.1	0.0		
-30	0.0	0.0	0.1	0.2	0.2	0.4	0.6	0.8	0.8	0.6	0.4	0.2	0.2	0.1	0.0	0.0	
-40		0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.0	0.0		
-50	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	
-60		0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0		
-70	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
-80		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

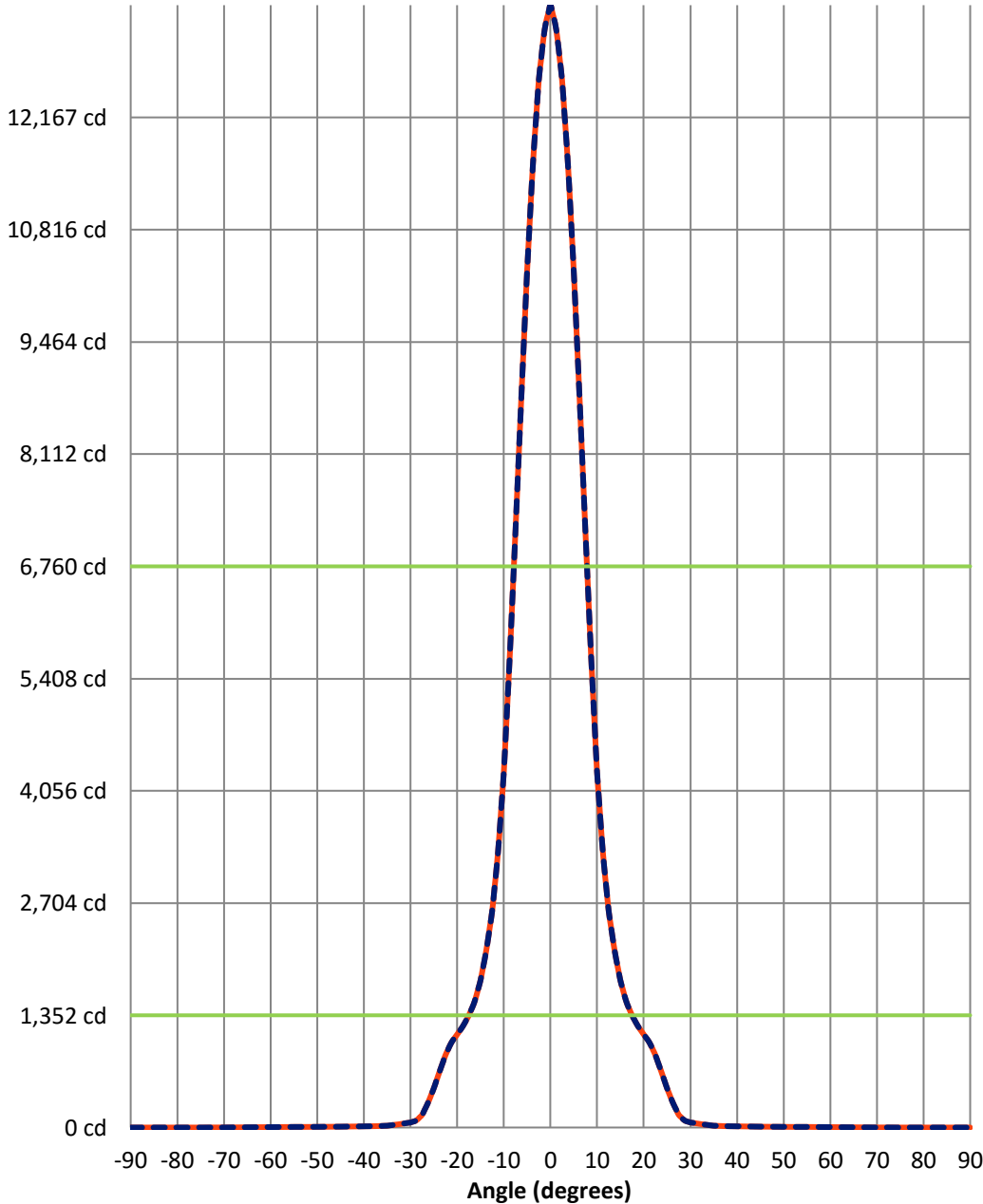
REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-BK-L2-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-BK-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 15.7°
 V Angle: 15.7°
 Lumens: 561.4
 Efficiency: 35.6%

Field:
 H Angle: 35°
 V Angle: 35°
 Lumens: 1206.4
 Efficiency: 76.6%

Spill:
 Lumens: 368.5
 Efficiency: 23.4%

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



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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	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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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	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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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	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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	1
48.75°	0	0	0	0	0	0	0	0	0	0	1
47.5°	0	0	0	0	0	0	0	0	0	1	1
46.25°	0	0	0	0	0	0	0	0	0	1	1
45°	0	0	0	0	0	0	0	0	1	1	1
43.75°	0	0	0	0	0	0	0	0	1	1	1
42.5°	0	0	0	0	0	0	0	1	1	1	1
41.25°	0	0	0	0	0	0	0	1	1	1	1
40°	0	0	0	0	0	0	0	1	1	1	1
38.75°	0	0	0	0	0	0	1	1	1	1	1
37.5°	0	0	0	0	0	0	1	1	1	1	1
36.25°	0	0	0	0	0	0	1	1	1	1	1
35°	0	0	0	0	0	1	1	1	1	1	2



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	0	0	0	0	0	1	1	1	1	1	2
32.5°	0	0	0	0	0	1	1	1	1	1	2
31.25°	0	0	0	0	0	1	1	1	1	2	2
30°	0	0	0	0	0	1	1	1	1	2	2
28.75°	0	0	0	0	1	1	1	1	1	2	2
27.5°	0	0	0	0	1	1	1	1	1	2	2
26.25°	0	0	0	0	1	1	1	1	2	2	2
25°	0	0	0	0	1	1	1	1	2	2	3
23.75°	0	0	0	0	1	1	1	1	2	2	3
22.5°	0	0	0	0	1	1	1	1	2	2	3
21.25°	0	0	0	1	1	1	1	1	2	2	3
20°	0	0	0	1	1	1	1	1	2	2	3
18.75°	0	0	0	1	1	1	1	2	2	3	3
17.5°	0	0	0	1	1	1	1	2	2	3	3
16.25°	0	0	0	1	1	1	1	2	2	3	3
15°	0	0	0	1	1	1	1	2	2	3	3
13.75°	0	0	0	1	1	1	1	2	2	3	3
12.5°	0	0	0	1	1	1	1	2	2	3	3
11.25°	0	0	0	1	1	1	1	2	2	3	3
10°	0	0	0	1	1	1	1	2	2	3	3
8.75°	0	0	0	1	1	1	1	2	2	3	4
7.5°	0	0	0	1	1	1	1	2	3	3	4
6.25°	0	0	0	1	1	1	1	2	3	3	4
5°	0	0	0	1	1	1	2	2	3	3	4
3.75°	0	0	0	1	1	1	2	2	3	3	4
2.5°	0	0	0	1	1	1	2	2	3	3	4
1.25°	0	0	0	1	1	1	2	2	3	3	4
0°	0	0	1	1	1	1	2	2	3	3	4
-1.25°	0	0	0	1	1	1	2	2	3	3	4
-2.5°	0	0	0	1	1	1	2	2	3	3	4
-3.75°	0	0	0	1	1	1	2	2	3	3	4
-5°	0	0	0	1	1	1	2	2	3	3	4
-6.25°	0	0	0	1	1	1	1	2	3	3	4
-7.5°	0	0	0	1	1	1	1	2	3	3	4
-8.75°	0	0	0	1	1	1	1	2	2	3	4
-10°	0	0	0	1	1	1	1	2	2	3	3
-11.25°	0	0	0	1	1	1	1	2	2	3	3
-12.5°	0	0	0	1	1	1	1	2	2	3	3
-13.75°	0	0	0	1	1	1	1	2	2	3	3
-15°	0	0	0	1	1	1	1	2	2	3	3
-16.25°	0	0	0	1	1	1	1	2	2	3	3
-17.5°	0	0	0	1	1	1	1	2	2	3	3
-18.75°	0	0	0	1	1	1	1	2	2	3	3
-20°	0	0	0	1	1	1	1	1	2	2	3
-21.25°	0	0	0	1	1	1	1	1	2	2	3



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	0	0	0	0	1	1	1	1	2	2	3
-23.75°	0	0	0	0	1	1	1	1	2	2	3
-25°	0	0	0	0	1	1	1	1	2	2	3
-26.25°	0	0	0	0	1	1	1	1	2	2	2
-27.5°	0	0	0	0	1	1	1	1	1	2	2
-28.75°	0	0	0	0	1	1	1	1	1	2	2
-30°	0	0	0	0	0	1	1	1	1	2	2
-31.25°	0	0	0	0	0	1	1	1	1	2	2
-32.5°	0	0	0	0	0	1	1	1	1	1	2
-33.75°	0	0	0	0	0	1	1	1	1	1	2
-35°	0	0	0	0	0	1	1	1	1	1	2
-36.25°	0	0	0	0	0	0	1	1	1	1	1
-37.5°	0	0	0	0	0	0	1	1	1	1	1
-38.75°	0	0	0	0	0	0	1	1	1	1	1
-40°	0	0	0	0	0	0	0	1	1	1	1
-41.25°	0	0	0	0	0	0	0	1	1	1	1
-42.5°	0	0	0	0	0	0	0	1	1	1	1
-43.75°	0	0	0	0	0	0	0	0	1	1	1
-45°	0	0	0	0	0	0	0	0	1	1	1
-46.25°	0	0	0	0	0	0	0	0	0	1	1
-47.5°	0	0	0	0	0	0	0	0	0	1	1
-48.75°	0	0	0	0	0	0	0	0	0	0	1
-50°	0	0	0	0	0	0	0	0	0	0	1
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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	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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	1
62.5°	0	0	0	0	0	0	0	0	1	1	1
61.25°	0	0	0	0	0	0	0	1	1	1	1
60°	0	0	0	0	0	0	1	1	1	1	1
58.75°	0	0	0	0	0	1	1	1	1	1	1
57.5°	0	0	0	0	1	1	1	1	1	1	1
56.25°	0	0	0	1	1	1	1	1	1	1	1
55°	0	0	1	1	1	1	1	1	1	1	2
53.75°	0	1	1	1	1	1	1	1	1	2	2
52.5°	1	1	1	1	1	1	1	1	2	2	2
51.25°	1	1	1	1	1	1	1	2	2	2	3
50°	1	1	1	1	1	1	2	2	2	3	3
48.75°	1	1	1	1	1	2	2	2	3	3	3
47.5°	1	1	1	1	2	2	2	3	3	3	3
46.25°	1	1	1	1	2	2	2	3	3	3	4
45°	1	1	1	2	2	2	3	3	3	4	4
43.75°	1	1	2	2	2	3	3	3	4	4	4
42.5°	1	1	2	2	2	3	3	3	4	4	5
41.25°	1	2	2	2	3	3	3	4	4	4	5
40°	1	2	2	2	3	3	4	4	4	5	5
38.75°	1	2	2	3	3	3	4	4	5	5	5
37.5°	2	2	2	3	3	4	4	4	5	5	5
36.25°	2	2	3	3	3	4	4	5	5	5	6
35°	2	2	3	3	4	4	4	5	5	6	6



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	2	3	3	3	4	4	5	5	5	6	6
32.5°	2	3	3	4	4	4	5	5	6	6	6
31.25°	2	3	3	4	4	5	5	5	6	6	7
30°	3	3	3	4	4	5	5	6	6	6	7
28.75°	3	3	4	4	4	5	5	6	6	7	7
27.5°	3	3	4	4	5	5	5	6	6	7	7
26.25°	3	3	4	4	5	5	6	6	6	7	7
25°	3	3	4	4	5	5	6	6	7	7	7
23.75°	3	4	4	5	5	5	6	6	7	7	7
22.5°	3	4	4	5	5	6	6	6	7	7	7
21.25°	3	4	4	5	5	6	6	7	7	7	7
20°	3	4	4	5	5	6	6	7	7	7	7
18.75°	4	4	5	5	5	6	6	7	7	7	7
17.5°	4	4	5	5	6	6	6	7	7	7	7
16.25°	4	4	5	5	6	6	7	7	7	7	8
15°	4	4	5	5	6	6	7	7	7	7	8
13.75°	4	4	5	5	6	6	7	7	7	7	8
12.5°	4	4	5	5	6	6	7	7	7	7	8
11.25°	4	4	5	5	6	6	7	7	7	7	8
10°	4	5	5	5	6	6	7	7	7	8	8
8.75°	4	5	5	6	6	7	7	7	7	8	8
7.5°	4	5	5	6	6	7	7	7	7	8	8
6.25°	4	5	5	6	6	7	7	7	7	8	8
5°	4	5	5	6	6	7	7	7	7	8	8
3.75°	4	5	5	6	6	7	7	7	7	8	8
2.5°	4	5	5	6	6	7	7	7	7	8	8
1.25°	4	5	5	6	6	7	7	7	7	8	8
0°	4	5	5	6	6	7	7	7	7	8	8
-1.25°	4	5	5	6	6	7	7	7	7	8	8
-2.5°	4	5	5	6	6	7	7	7	7	8	8
-3.75°	4	5	5	6	6	7	7	7	7	8	8
-5°	4	5	5	6	6	7	7	7	7	8	8
-6.25°	4	5	5	6	6	7	7	7	7	8	8
-7.5°	4	5	5	6	6	7	7	7	7	8	8
-8.75°	4	5	5	6	6	7	7	7	7	8	8
-10°	4	5	5	5	6	6	7	7	7	8	8
-11.25°	4	4	5	5	6	6	7	7	7	7	8
-12.5°	4	4	5	5	6	6	7	7	7	7	8
-13.75°	4	4	5	5	6	6	7	7	7	7	8
-15°	4	4	5	5	6	6	7	7	7	7	8
-16.25°	4	4	5	5	6	6	7	7	7	7	8
-17.5°	4	4	5	5	6	6	6	7	7	7	7
-18.75°	4	4	5	5	5	6	6	7	7	7	7
-20°	3	4	4	5	5	6	6	7	7	7	7
-21.25°	3	4	4	5	5	6	6	7	7	7	7



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	3	4	4	5	5	6	6	6	7	7	7
-23.75°	3	4	4	5	5	5	6	6	7	7	7
-25°	3	3	4	4	5	5	6	6	7	7	7
-26.25°	3	3	4	4	5	5	6	6	6	7	7
-27.5°	3	3	4	4	5	5	5	6	6	7	7
-28.75°	3	3	4	4	4	5	5	6	6	7	7
-30°	3	3	3	4	4	5	5	6	6	6	7
-31.25°	2	3	3	4	4	5	5	5	6	6	7
-32.5°	2	3	3	4	4	4	5	5	6	6	6
-33.75°	2	3	3	3	4	4	5	5	5	6	6
-35°	2	2	3	3	4	4	4	5	5	6	6
-36.25°	2	2	3	3	3	4	4	5	5	5	6
-37.5°	2	2	2	3	3	4	4	4	5	5	5
-38.75°	1	2	2	3	3	3	4	4	5	5	5
-40°	1	2	2	2	3	3	4	4	4	5	5
-41.25°	1	2	2	2	3	3	3	4	4	4	5
-42.5°	1	1	2	2	2	3	3	3	4	4	5
-43.75°	1	1	2	2	2	3	3	3	4	4	4
-45°	1	1	1	2	2	2	3	3	3	4	4
-46.25°	1	1	1	1	2	2	2	3	3	3	4
-47.5°	1	1	1	1	2	2	2	3	3	3	3
-48.75°	1	1	1	1	1	2	2	2	3	3	3
-50°	1	1	1	1	1	1	2	2	2	3	3
-51.25°	1	1	1	1	1	1	1	2	2	2	3
-52.5°	1	1	1	1	1	1	1	1	2	2	2
-53.75°	0	1	1	1	1	1	1	1	1	2	2
-55°	0	0	1	1	1	1	1	1	1	1	2
-56.25°	0	0	0	1	1	1	1	1	1	1	1
-57.5°	0	0	0	0	1	1	1	1	1	1	1
-58.75°	0	0	0	0	0	1	1	1	1	1	1
-60°	0	0	0	0	0	0	1	1	1	1	1
-61.25°	0	0	0	0	0	0	0	1	1	1	1
-62.5°	0	0	0	0	0	0	0	0	1	1	1
-63.75°	0	0	0	0	0	0	0	0	0	0	1
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	1	1	1
67.5°	0	0	0	0	0	1	1	1	1	1	1
66.25°	0	0	0	1	1	1	1	1	1	1	1
65°	0	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	2	2
61.25°	1	1	1	1	1	1	2	2	2	2	2
60°	1	1	1	1	2	2	2	2	2	2	3
58.75°	1	1	1	2	2	2	2	2	3	3	3
57.5°	1	2	2	2	2	2	3	3	3	3	3
56.25°	2	2	2	2	3	3	3	3	3	4	4
55°	2	2	2	3	3	3	3	4	4	4	4
53.75°	2	3	3	3	3	3	4	4	4	4	5
52.5°	3	3	3	3	4	4	4	4	5	5	5
51.25°	3	3	3	4	4	4	4	5	5	5	5
50°	3	3	4	4	4	5	5	5	5	5	6
48.75°	3	4	4	4	5	5	5	5	6	6	6
47.5°	4	4	4	5	5	5	5	6	6	6	6
46.25°	4	4	5	5	5	5	6	6	6	7	7
45°	4	5	5	5	5	6	6	6	7	7	7
43.75°	5	5	5	5	6	6	6	7	7	7	7
42.5°	5	5	5	6	6	6	7	7	7	7	7
41.25°	5	5	6	6	6	7	7	7	7	7	7
40°	5	6	6	6	7	7	7	7	7	7	8
38.75°	6	6	6	7	7	7	7	7	7	8	8
37.5°	6	6	7	7	7	7	7	7	8	8	8
36.25°	6	6	7	7	7	7	7	8	8	8	9
35°	6	7	7	7	7	7	8	8	8	9	9



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	7	7	7	7	7	7	8	8	8	9	9
32.5°	7	7	7	7	7	8	8	8	9	9	9
31.25°	7	7	7	7	8	8	8	9	9	9	10
30°	7	7	7	7	8	8	9	9	9	10	10
28.75°	7	7	7	8	8	8	9	9	10	10	10
27.5°	7	7	7	8	8	9	9	9	10	10	11
26.25°	7	7	8	8	8	9	9	10	10	11	12
25°	7	7	8	8	9	9	9	10	10	11	12
23.75°	7	8	8	8	9	9	10	10	11	12	13
22.5°	7	8	8	9	9	9	10	10	11	12	13
21.25°	7	8	8	9	9	10	10	11	12	13	13
20°	8	8	9	9	9	10	10	11	12	13	14
18.75°	8	8	9	9	10	10	11	12	13	13	14
17.5°	8	8	9	9	10	10	11	12	13	14	15
16.25°	8	8	9	9	10	10	11	12	13	14	15
15°	8	9	9	10	10	11	12	13	14	15	15
13.75°	8	9	9	10	10	11	12	13	14	15	16
12.5°	8	9	9	10	10	11	12	13	14	15	16
11.25°	8	9	9	10	10	12	13	13	14	15	16
10°	8	9	9	10	11	12	13	14	15	16	17
8.75°	9	9	10	10	11	12	13	14	15	16	17
7.5°	9	9	10	10	11	12	13	14	15	16	18
6.25°	9	9	10	10	11	12	13	14	15	16	18
5°	9	9	10	10	11	12	13	14	15	16	19
3.75°	9	9	10	10	11	12	13	14	15	16	19
2.5°	9	9	10	10	11	12	13	14	15	17	19
1.25°	9	9	10	10	11	12	13	14	16	17	19
0°	9	9	10	10	11	13	14	15	16	17	19
-1.25°	9	9	10	10	11	12	13	14	16	17	19
-2.5°	9	9	10	10	11	12	13	14	15	17	19
-3.75°	9	9	10	10	11	12	13	14	15	16	19
-5°	9	9	10	10	11	12	13	14	15	16	19
-6.25°	9	9	10	10	11	12	13	14	15	16	18
-7.5°	9	9	10	10	11	12	13	14	15	16	18
-8.75°	9	9	10	10	11	12	13	14	15	16	17
-10°	8	9	9	10	11	12	13	14	15	16	17
-11.25°	8	9	9	10	10	12	13	13	14	15	16
-12.5°	8	9	9	10	10	11	12	13	14	15	16
-13.75°	8	9	9	10	10	11	12	13	14	15	16
-15°	8	9	9	10	10	11	12	13	14	15	15
-16.25°	8	8	9	9	10	10	11	12	13	14	15
-17.5°	8	8	9	9	10	10	11	12	13	14	15
-18.75°	8	8	9	9	10	10	11	12	13	13	14
-20°	8	8	9	9	9	10	10	11	12	13	14
-21.25°	7	8	8	9	9	10	10	11	12	13	13



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	7	8	8	9	9	9	10	10	11	12	13
-23.75°	7	8	8	8	9	9	10	10	11	12	13
-25°	7	7	8	8	9	9	9	10	10	11	12
-26.25°	7	7	8	8	8	9	9	10	10	11	12
-27.5°	7	7	7	8	8	9	9	9	10	10	11
-28.75°	7	7	7	8	8	8	9	9	10	10	10
-30°	7	7	7	7	8	8	9	9	9	10	10
-31.25°	7	7	7	7	8	8	8	9	9	9	10
-32.5°	7	7	7	7	7	8	8	8	9	9	9
-33.75°	7	7	7	7	7	7	8	8	8	9	9
-35°	6	7	7	7	7	7	8	8	8	9	9
-36.25°	6	6	7	7	7	7	7	8	8	8	9
-37.5°	6	6	7	7	7	7	7	7	8	8	8
-38.75°	6	6	6	7	7	7	7	7	7	8	8
-40°	5	6	6	6	7	7	7	7	7	7	8
-41.25°	5	5	6	6	6	7	7	7	7	7	7
-42.5°	5	5	5	6	6	6	7	7	7	7	7
-43.75°	5	5	5	5	6	6	6	7	7	7	7
-45°	4	5	5	5	5	6	6	6	7	7	7
-46.25°	4	4	5	5	5	5	6	6	6	7	7
-47.5°	4	4	4	5	5	5	5	6	6	6	6
-48.75°	3	4	4	4	5	5	5	5	6	6	6
-50°	3	3	4	4	4	5	5	5	5	5	6
-51.25°	3	3	3	4	4	4	4	5	5	5	5
-52.5°	3	3	3	3	4	4	4	4	5	5	5
-53.75°	2	3	3	3	3	3	4	4	4	4	5
-55°	2	2	2	3	3	3	3	4	4	4	4
-56.25°	2	2	2	2	3	3	3	3	3	4	4
-57.5°	1	2	2	2	2	2	3	3	3	3	3
-58.75°	1	1	1	2	2	2	2	2	3	3	3
-60°	1	1	1	1	2	2	2	2	2	2	3
-61.25°	1	1	1	1	1	1	2	2	2	2	2
-62.5°	1	1	1	1	1	1	1	1	1	2	2
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	0	1	1	1	1	1	1	1	1	1	1
-66.25°	0	0	0	1	1	1	1	1	1	1	1
-67.5°	0	0	0	0	0	1	1	1	1	1	1
-68.75°	0	0	0	0	0	0	0	0	1	1	1
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	2	2	2	2
65°	1	1	1	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	3	3	3
62.5°	2	2	2	2	3	3	3	3	3	3	3
61.25°	2	3	3	3	3	3	3	3	3	4	4
60°	3	3	3	3	3	4	4	4	4	4	4
58.75°	3	3	4	4	4	4	4	4	4	5	5
57.5°	4	4	4	4	4	4	5	5	5	5	5
56.25°	4	4	4	5	5	5	5	5	5	5	6
55°	4	5	5	5	5	5	5	6	6	6	6
53.75°	5	5	5	5	6	6	6	6	6	6	6
52.5°	5	5	6	6	6	6	6	6	7	7	7
51.25°	6	6	6	6	6	7	7	7	7	7	7
50°	6	6	6	7	7	7	7	7	7	7	7
48.75°	6	7	7	7	7	7	7	7	7	7	7
47.5°	7	7	7	7	7	7	7	7	7	8	8
46.25°	7	7	7	7	7	7	7	8	8	8	8
45°	7	7	7	7	7	8	8	8	8	8	9
43.75°	7	7	7	8	8	8	8	8	9	9	9
42.5°	7	7	8	8	8	8	9	9	9	9	9
41.25°	8	8	8	8	9	9	9	9	9	10	10
40°	8	8	8	9	9	9	9	10	10	10	10
38.75°	8	8	9	9	9	10	10	10	10	11	11
37.5°	9	9	9	9	10	10	10	11	11	12	12
36.25°	9	9	9	10	10	10	11	12	12	13	13
35°	9	9	10	10	11	11	12	12	13	13	14



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	9	10	10	11	11	12	13	13	14	14	15
32.5°	10	10	11	11	12	13	13	14	14	15	15
31.25°	10	11	11	12	13	13	14	15	15	16	16
30°	11	11	12	13	13	14	15	15	16	17	18
28.75°	11	12	13	13	14	15	15	16	17	18	20
27.5°	12	13	13	14	15	15	16	17	19	20	22
26.25°	12	13	14	15	15	16	17	19	20	23	29
25°	13	14	14	15	16	17	19	20	23	29	35
23.75°	13	14	15	16	17	18	20	23	29	35	42
22.5°	14	15	15	16	18	20	22	29	35	42	49
21.25°	14	15	16	17	19	21	27	34	41	49	56
20°	15	16	17	19	21	25	32	39	47	55	64
18.75°	15	16	18	20	22	30	37	45	54	62	75
17.5°	16	17	19	21	27	34	42	51	60	71	102
16.25°	16	18	20	23	31	38	47	56	67	92	153
15°	16	19	21	27	34	43	52	62	77	123	221
13.75°	17	19	22	30	38	47	57	69	99	176	305
12.5°	18	20	25	33	41	51	61	78	130	241	390
11.25°	19	21	28	36	45	55	67	96	174	311	470
10°	19	22	30	38	48	59	72	113	223	379	553
8.75°	20	24	32	41	51	62	83	148	277	442	627
7.5°	20	26	34	43	54	66	95	178	325	500	693
6.25°	21	27	36	46	56	69	105	206	370	553	750
5°	21	28	37	47	58	72	117	238	407	598	798
3.75°	21	29	38	49	59	75	133	264	436	632	831
2.5°	22	30	39	50	60	79	145	282	457	658	854
1.25°	22	31	39	50	61	82	151	293	469	673	868
0°	22	31	40	50	61	83	154	296	474	678	873
-1.25°	22	31	39	50	61	82	151	293	469	673	868
-2.5°	22	30	39	50	60	79	145	282	457	658	854
-3.75°	21	29	38	49	59	75	133	264	436	632	831
-5°	21	28	37	47	58	72	117	238	407	598	798
-6.25°	21	27	36	46	56	69	105	206	370	553	750
-7.5°	20	26	34	43	54	66	95	178	325	500	693
-8.75°	20	24	32	41	51	62	83	148	277	442	627
-10°	19	22	30	38	48	59	72	113	223	379	553
-11.25°	19	21	28	36	45	55	67	96	174	311	470
-12.5°	18	20	25	33	41	51	61	78	130	241	390
-13.75°	17	19	22	30	38	47	57	69	99	176	305
-15°	16	19	21	27	34	43	52	62	77	123	221
-16.25°	16	18	20	23	31	38	47	56	67	92	153
-17.5°	16	17	19	21	27	34	42	51	60	71	102
-18.75°	15	16	18	20	22	30	37	45	54	62	75
-20°	15	16	17	19	21	25	32	39	47	55	64
-21.25°	14	15	16	17	19	21	27	34	41	49	56



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	14	15	15	16	18	20	22	29	35	42	49
-23.75°	13	14	15	16	17	18	20	23	29	35	42
-25°	13	14	14	15	16	17	19	20	23	29	35
-26.25°	12	13	14	15	15	16	17	19	20	23	29
-27.5°	12	13	13	14	15	15	16	17	19	20	22
-28.75°	11	12	13	13	14	15	15	16	17	18	20
-30°	11	11	12	13	13	14	15	15	16	17	18
-31.25°	10	11	11	12	13	13	14	15	15	16	16
-32.5°	10	10	11	11	12	13	13	14	14	15	15
-33.75°	9	10	10	11	11	12	13	13	14	14	15
-35°	9	9	10	10	11	11	12	12	13	13	14
-36.25°	9	9	9	10	10	10	11	12	12	13	13
-37.5°	9	9	9	9	10	10	10	11	11	12	12
-38.75°	8	8	9	9	9	10	10	10	10	11	11
-40°	8	8	8	9	9	9	9	10	10	10	10
-41.25°	8	8	8	8	9	9	9	9	9	10	10
-42.5°	7	7	8	8	8	8	9	9	9	9	9
-43.75°	7	7	7	8	8	8	8	8	9	9	9
-45°	7	7	7	7	7	8	8	8	8	8	9
-46.25°	7	7	7	7	7	7	7	8	8	8	8
-47.5°	7	7	7	7	7	7	7	7	7	8	8
-48.75°	6	7	7	7	7	7	7	7	7	7	7
-50°	6	6	6	7	7	7	7	7	7	7	7
-51.25°	6	6	6	6	6	7	7	7	7	7	7
-52.5°	5	5	6	6	6	6	6	6	7	7	7
-53.75°	5	5	5	5	6	6	6	6	6	6	6
-55°	4	5	5	5	5	5	5	6	6	6	6
-56.25°	4	4	4	5	5	5	5	5	5	5	6
-57.5°	4	4	4	4	4	4	5	5	5	5	5
-58.75°	3	3	4	4	4	4	4	4	4	5	5
-60°	3	3	3	3	3	4	4	4	4	4	4
-61.25°	2	3	3	3	3	3	3	3	3	4	4
-62.5°	2	2	2	2	3	3	3	3	3	3	3
-63.75°	2	2	2	2	2	2	2	2	3	3	3
-65°	1	1	1	2	2	2	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	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	0	0	0	0	0	1	1	1	1	1	1
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	3	4
62.5°	3	3	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	5	5
60°	4	4	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	6
57.5°	5	5	5	6	6	6	6	6	6	6	6
56.25°	6	6	6	6	6	6	6	6	6	6	7
55°	6	6	6	6	7	7	7	7	7	7	7
53.75°	7	7	7	7	7	7	7	7	7	7	7
52.5°	7	7	7	7	7	7	7	7	7	7	7
51.25°	7	7	7	7	7	7	7	7	7	8	8
50°	7	7	7	7	8	8	8	8	8	8	8
48.75°	7	8	8	8	8	8	8	8	8	8	9
47.5°	8	8	8	8	8	9	9	9	9	9	9
46.25°	8	9	9	9	9	9	9	9	9	9	10
45°	9	9	9	9	9	10	10	10	10	10	10
43.75°	9	9	10	10	10	10	10	10	10	11	11
42.5°	10	10	10	10	10	11	11	11	12	12	12
41.25°	10	10	11	11	11	12	12	12	13	13	13
40°	11	11	12	12	12	13	13	13	13	14	14
38.75°	12	12	13	13	13	14	14	14	14	15	15
37.5°	13	13	13	14	14	15	15	15	15	16	16
36.25°	13	14	14	15	15	15	16	16	16	17	17
35°	14	15	15	16	16	16	17	18	19	19	20



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	15	16	16	17	18	19	19	20	21	22	24
32.5°	16	17	18	19	20	21	22	25	28	30	32
31.25°	17	19	20	21	23	27	30	33	36	38	41
30°	19	21	22	27	31	34	38	41	45	48	51
28.75°	21	25	30	34	38	43	47	51	55	59	62
27.5°	27	32	37	42	47	52	57	61	67	72	83
26.25°	34	39	45	51	56	62	69	78	96	113	148
25°	41	47	54	60	67	77	99	130	174	223	277
23.75°	49	55	62	71	92	123	176	241	311	379	442
22.5°	56	64	75	102	153	221	305	390	470	553	627
21.25°	65	79	108	174	261	357	454	554	650	737	815
20°	79	111	184	285	393	504	619	727	825	906	971
18.75°	108	184	293	411	536	663	784	886	971	1034	1077
17.5°	174	285	411	547	685	816	928	1010	1072	1115	1158
16.25°	261	393	536	685	826	948	1034	1093	1145	1196	1255
15°	357	504	663	816	948	1042	1104	1164	1229	1298	1371
13.75°	454	619	784	928	1034	1104	1170	1245	1328	1413	1513
12.5°	554	727	886	1010	1093	1164	1245	1338	1441	1559	1723
11.25°	650	825	971	1072	1145	1229	1328	1441	1581	1769	1986
10°	737	906	1034	1115	1196	1298	1413	1559	1769	2016	2291
8.75°	815	971	1077	1158	1255	1371	1513	1723	1986	2291	2672
7.5°	876	1019	1111	1197	1311	1444	1632	1896	2213	2614	3135
6.25°	930	1057	1141	1241	1363	1518	1754	2061	2445	2969	3664
5°	966	1080	1168	1277	1408	1596	1877	2228	2696	3343	4222
3.75°	992	1098	1189	1307	1454	1671	1979	2363	2923	3719	4790
2.5°	1010	1111	1205	1331	1487	1726	2055	2493	3126	4025	5228
1.25°	1021	1118	1217	1345	1507	1760	2110	2576	3251	4215	5524
0°	1025	1121	1221	1350	1514	1771	2128	2604	3293	4279	5630
-1.25°	1021	1118	1217	1345	1507	1760	2110	2576	3251	4215	5524
-2.5°	1010	1111	1205	1331	1487	1726	2055	2493	3126	4025	5228
-3.75°	992	1098	1189	1307	1454	1671	1979	2363	2923	3719	4790
-5°	966	1080	1168	1277	1408	1596	1877	2228	2696	3343	4222
-6.25°	930	1057	1141	1241	1363	1518	1754	2061	2445	2969	3664
-7.5°	876	1019	1111	1197	1311	1444	1632	1896	2213	2614	3135
-8.75°	815	971	1077	1158	1255	1371	1513	1723	1986	2291	2672
-10°	737	906	1034	1115	1196	1298	1413	1559	1769	2016	2291
-11.25°	650	825	971	1072	1145	1229	1328	1441	1581	1769	1986
-12.5°	554	727	886	1010	1093	1164	1245	1338	1441	1559	1723
-13.75°	454	619	784	928	1034	1104	1170	1245	1328	1413	1513
-15°	357	504	663	816	948	1042	1104	1164	1229	1298	1371
-16.25°	261	393	536	685	826	948	1034	1093	1145	1196	1255
-17.5°	174	285	411	547	685	816	928	1010	1072	1115	1158
-18.75°	108	184	293	411	536	663	784	886	971	1034	1077
-20°	79	111	184	285	393	504	619	727	825	906	971
-21.25°	65	79	108	174	261	357	454	554	650	737	815



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	56	64	75	102	153	221	305	390	470	553	627
-23.75°	49	55	62	71	92	123	176	241	311	379	442
-25°	41	47	54	60	67	77	99	130	174	223	277
-26.25°	34	39	45	51	56	62	69	78	96	113	148
-27.5°	27	32	37	42	47	52	57	61	67	72	83
-28.75°	21	25	30	34	38	43	47	51	55	59	62
-30°	19	21	22	27	31	34	38	41	45	48	51
-31.25°	17	19	20	21	23	27	30	33	36	38	41
-32.5°	16	17	18	19	20	21	22	25	28	30	32
-33.75°	15	16	16	17	18	19	19	20	21	22	24
-35°	14	15	15	16	16	16	17	18	19	19	20
-36.25°	13	14	14	15	15	15	16	16	16	17	17
-37.5°	13	13	13	14	14	15	15	15	15	16	16
-38.75°	12	12	13	13	13	14	14	14	14	15	15
-40°	11	11	12	12	12	13	13	13	13	14	14
-41.25°	10	10	11	11	11	12	12	12	13	13	13
-42.5°	10	10	10	10	10	11	11	11	12	12	12
-43.75°	9	9	10	10	10	10	10	10	10	11	11
-45°	9	9	9	9	9	10	10	10	10	10	10
-46.25°	8	9	9	9	9	9	9	9	9	9	10
-47.5°	8	8	8	8	8	9	9	9	9	9	9
-48.75°	7	8	8	8	8	8	8	8	8	8	9
-50°	7	7	7	7	8	8	8	8	8	8	8
-51.25°	7	7	7	7	7	7	7	7	7	8	8
-52.5°	7	7	7	7	7	7	7	7	7	7	7
-53.75°	7	7	7	7	7	7	7	7	7	7	7
-55°	6	6	6	6	7	7	7	7	7	7	7
-56.25°	6	6	6	6	6	6	6	6	6	6	7
-57.5°	5	5	5	6	6	6	6	6	6	6	6
-58.75°	5	5	5	5	5	5	5	5	5	5	6
-60°	4	4	5	5	5	5	5	5	5	5	5
-61.25°	4	4	4	4	4	4	4	4	4	5	5
-62.5°	3	3	4	4	4	4	4	4	4	4	4
-63.75°	3	3	3	3	3	3	3	3	3	3	4
-65°	2	2	3	3	3	3	3	3	3	3	3
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	1	1	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	1	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	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	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	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	5	5	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	6	6	6	6	6	6	6	6	6	6	6
57.5°	6	6	6	6	6	6	6	6	6	6	6
56.25°	7	7	7	7	7	7	7	7	7	7	7
55°	7	7	7	7	7	7	7	7	7	7	7
53.75°	7	7	7	7	7	7	7	7	7	7	7
52.5°	7	7	7	7	7	7	7	7	7	7	7
51.25°	8	8	8	8	8	8	8	8	8	8	8
50°	8	8	8	8	8	8	8	8	8	8	8
48.75°	9	9	9	9	9	9	9	9	9	9	9
47.5°	9	9	9	9	9	9	9	9	9	9	9
46.25°	10	10	10	10	10	10	10	10	10	10	10
45°	10	10	10	10	10	10	10	10	10	10	10
43.75°	11	11	11	11	11	11	11	11	11	11	11
42.5°	12	12	12	12	12	12	13	12	12	12	12
41.25°	13	13	13	13	13	13	14	13	13	13	13
40°	14	14	14	14	14	14	15	14	14	14	14
38.75°	15	15	15	15	15	16	16	16	15	15	15
37.5°	16	16	16	16	17	17	17	17	17	16	16
36.25°	18	18	19	19	19	19	19	19	19	19	19
35°	20	21	21	21	22	22	22	22	22	21	21



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	26	27	28	29	30	31	31	31	30	29	28
32.5°	34	36	37	38	39	39	40	39	39	38	37
31.25°	43	46	47	49	50	50	50	50	50	49	47
30°	54	56	58	59	60	61	61	61	60	59	58
28.75°	66	69	72	75	79	82	83	82	79	75	72
27.5°	95	105	117	133	145	151	154	151	145	133	117
26.25°	178	206	238	264	282	293	296	293	282	264	238
25°	325	370	407	436	457	469	474	469	457	436	407
23.75°	500	553	598	632	658	673	678	673	658	632	598
22.5°	693	750	798	831	854	868	873	868	854	831	798
21.25°	876	930	966	992	1010	1021	1025	1021	1010	992	966
20°	1019	1057	1080	1098	1111	1118	1121	1118	1111	1098	1080
18.75°	1111	1141	1168	1189	1205	1217	1221	1217	1205	1189	1168
17.5°	1197	1241	1277	1307	1331	1345	1350	1345	1331	1307	1277
16.25°	1311	1363	1408	1454	1487	1507	1514	1507	1487	1454	1408
15°	1444	1518	1596	1671	1726	1760	1771	1760	1726	1671	1596
13.75°	1632	1754	1877	1979	2055	2110	2128	2110	2055	1979	1877
12.5°	1896	2061	2228	2363	2493	2576	2604	2576	2493	2363	2228
11.25°	2213	2445	2696	2923	3126	3251	3293	3251	3126	2923	2696
10°	2614	2969	3343	3719	4025	4215	4279	4215	4025	3719	3343
8.75°	3135	3664	4222	4790	5228	5524	5630	5524	5228	4790	4222
7.5°	3787	4540	5324	6072	6654	7047	7181	7047	6654	6072	5324
6.25°	4540	5534	6531	7463	8178	8631	8788	8631	8178	7463	6531
5°	5324	6531	7748	8791	9604	10132	10318	10132	9604	8791	7748
3.75°	6072	7463	8791	9952	10856	11449	11627	11449	10856	9952	8791
2.5°	6654	8178	9604	10856	11816	12420	12614	12420	11816	10856	9604
1.25°	7047	8631	10132	11449	12420	13037	13246	13037	12420	11449	10132
0°	7181	8788	10318	11627	12614	13246	13519	13246	12614	11627	10318
-1.25°	7047	8631	10132	11449	12420	13037	13246	13037	12420	11449	10132
-2.5°	6654	8178	9604	10856	11816	12420	12614	12420	11816	10856	9604
-3.75°	6072	7463	8791	9952	10856	11449	11627	11449	10856	9952	8791
-5°	5324	6531	7748	8791	9604	10132	10318	10132	9604	8791	7748
-6.25°	4540	5534	6531	7463	8178	8631	8788	8631	8178	7463	6531
-7.5°	3787	4540	5324	6072	6654	7047	7181	7047	6654	6072	5324
-8.75°	3135	3664	4222	4790	5228	5524	5630	5524	5228	4790	4222
-10°	2614	2969	3343	3719	4025	4215	4279	4215	4025	3719	3343
-11.25°	2213	2445	2696	2923	3126	3251	3293	3251	3126	2923	2696
-12.5°	1896	2061	2228	2363	2493	2576	2604	2576	2493	2363	2228
-13.75°	1632	1754	1877	1979	2055	2110	2128	2110	2055	1979	1877
-15°	1444	1518	1596	1671	1726	1760	1771	1760	1726	1671	1596
-16.25°	1311	1363	1408	1454	1487	1507	1514	1507	1487	1454	1408
-17.5°	1197	1241	1277	1307	1331	1345	1350	1345	1331	1307	1277
-18.75°	1111	1141	1168	1189	1205	1217	1221	1217	1205	1189	1168
-20°	1019	1057	1080	1098	1111	1118	1121	1118	1111	1098	1080
-21.25°	876	930	966	992	1010	1021	1025	1021	1010	992	966



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	693	750	798	831	854	868	873	868	854	831	798
-23.75°	500	553	598	632	658	673	678	673	658	632	598
-25°	325	370	407	436	457	469	474	469	457	436	407
-26.25°	178	206	238	264	282	293	296	293	282	264	238
-27.5°	95	105	117	133	145	151	154	151	145	133	117
-28.75°	66	69	72	75	79	82	83	82	79	75	72
-30°	54	56	58	59	60	61	61	61	60	59	58
-31.25°	43	46	47	49	50	50	50	50	50	49	47
-32.5°	34	36	37	38	39	39	40	39	39	38	37
-33.75°	26	27	28	29	30	31	31	31	30	29	28
-35°	20	21	21	21	22	22	22	22	22	21	21
-36.25°	18	18	19	19	19	19	19	19	19	19	19
-37.5°	16	16	16	16	17	17	17	17	17	16	16
-38.75°	15	15	15	15	15	16	16	16	15	15	15
-40°	14	14	14	14	14	14	15	14	14	14	14
-41.25°	13	13	13	13	13	13	14	13	13	13	13
-42.5°	12	12	12	12	12	12	13	12	12	12	12
-43.75°	11	11	11	11	11	11	11	11	11	11	11
-45°	10	10	10	10	10	10	10	10	10	10	10
-46.25°	10	10	10	10	10	10	10	10	10	10	10
-47.5°	9	9	9	9	9	9	9	9	9	9	9
-48.75°	9	9	9	9	9	9	9	9	9	9	9
-50°	8	8	8	8	8	8	8	8	8	8	8
-51.25°	8	8	8	8	8	8	8	8	8	8	8
-52.5°	7	7	7	7	7	7	7	7	7	7	7
-53.75°	7	7	7	7	7	7	7	7	7	7	7
-55°	7	7	7	7	7	7	7	7	7	7	7
-56.25°	7	7	7	7	7	7	7	7	7	7	7
-57.5°	6	6	6	6	6	6	6	6	6	6	6
-58.75°	6	6	6	6	6	6	6	6	6	6	6
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	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	2	2	2	2	2	2	2	2	2
-68.75°	1	1	2	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	3	3	2	2	2	2	2	2	2	2	2
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	4	4	4	3	3	3	3	3	3	3	3
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	5	5	5	5	4	4	4	4	4	4	4
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	6	6	6	5	5	5	5	5	5	5	5
57.5°	6	6	6	6	6	6	6	6	6	6	5
56.25°	7	7	7	6	6	6	6	6	6	6	6
55°	7	7	7	7	7	7	7	7	7	6	6
53.75°	7	7	7	7	7	7	7	7	7	7	7
52.5°	7	7	7	7	7	7	7	7	7	7	7
51.25°	8	8	8	8	7	7	7	7	7	7	7
50°	8	8	8	8	8	8	8	8	8	7	7
48.75°	9	9	9	8	8	8	8	8	8	8	8
47.5°	9	9	9	9	9	9	9	9	8	8	8
46.25°	10	10	10	9	9	9	9	9	9	9	9
45°	10	10	10	10	10	10	10	10	9	9	9
43.75°	11	11	11	11	10	10	10	10	10	10	10
42.5°	12	12	12	12	12	11	11	11	10	10	10
41.25°	13	13	13	13	13	12	12	12	11	11	11
40°	14	14	14	14	13	13	13	13	12	12	12
38.75°	15	15	15	15	14	14	14	14	13	13	13
37.5°	16	16	16	16	15	15	15	15	14	14	13
36.25°	18	18	17	17	16	16	16	15	15	15	14
35°	21	20	20	19	19	18	17	16	16	16	15



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	27	26	24	22	21	20	19	19	18	17	16
32.5°	36	34	32	30	28	25	22	21	20	19	18
31.25°	46	43	41	38	36	33	30	27	23	21	20
30°	56	54	51	48	45	41	38	34	31	27	22
28.75°	69	66	62	59	55	51	47	43	38	34	30
27.5°	105	95	83	72	67	61	57	52	47	42	37
26.25°	206	178	148	113	96	78	69	62	56	51	45
25°	370	325	277	223	174	130	99	77	67	60	54
23.75°	553	500	442	379	311	241	176	123	92	71	62
22.5°	750	693	627	553	470	390	305	221	153	102	75
21.25°	930	876	815	737	650	554	454	357	261	174	108
20°	1057	1019	971	906	825	727	619	504	393	285	184
18.75°	1141	1111	1077	1034	971	886	784	663	536	411	293
17.5°	1241	1197	1158	1115	1072	1010	928	816	685	547	411
16.25°	1363	1311	1255	1196	1145	1093	1034	948	826	685	536
15°	1518	1444	1371	1298	1229	1164	1104	1042	948	816	663
13.75°	1754	1632	1513	1413	1328	1245	1170	1104	1034	928	784
12.5°	2061	1896	1723	1559	1441	1338	1245	1164	1093	1010	886
11.25°	2445	2213	1986	1769	1581	1441	1328	1229	1145	1072	971
10°	2969	2614	2291	2016	1769	1559	1413	1298	1196	1115	1034
8.75°	3664	3135	2672	2291	1986	1723	1513	1371	1255	1158	1077
7.5°	4540	3787	3135	2614	2213	1896	1632	1444	1311	1197	1111
6.25°	5534	4540	3664	2969	2445	2061	1754	1518	1363	1241	1141
5°	6531	5324	4222	3343	2696	2228	1877	1596	1408	1277	1168
3.75°	7463	6072	4790	3719	2923	2363	1979	1671	1454	1307	1189
2.5°	8178	6654	5228	4025	3126	2493	2055	1726	1487	1331	1205
1.25°	8631	7047	5524	4215	3251	2576	2110	1760	1507	1345	1217
0°	8788	7181	5630	4279	3293	2604	2128	1771	1514	1350	1221
-1.25°	8631	7047	5524	4215	3251	2576	2110	1760	1507	1345	1217
-2.5°	8178	6654	5228	4025	3126	2493	2055	1726	1487	1331	1205
-3.75°	7463	6072	4790	3719	2923	2363	1979	1671	1454	1307	1189
-5°	6531	5324	4222	3343	2696	2228	1877	1596	1408	1277	1168
-6.25°	5534	4540	3664	2969	2445	2061	1754	1518	1363	1241	1141
-7.5°	4540	3787	3135	2614	2213	1896	1632	1444	1311	1197	1111
-8.75°	3664	3135	2672	2291	1986	1723	1513	1371	1255	1158	1077
-10°	2969	2614	2291	2016	1769	1559	1413	1298	1196	1115	1034
-11.25°	2445	2213	1986	1769	1581	1441	1328	1229	1145	1072	971
-12.5°	2061	1896	1723	1559	1441	1338	1245	1164	1093	1010	886
-13.75°	1754	1632	1513	1413	1328	1245	1170	1104	1034	928	784
-15°	1518	1444	1371	1298	1229	1164	1104	1042	948	816	663
-16.25°	1363	1311	1255	1196	1145	1093	1034	948	826	685	536
-17.5°	1241	1197	1158	1115	1072	1010	928	816	685	547	411
-18.75°	1141	1111	1077	1034	971	886	784	663	536	411	293
-20°	1057	1019	971	906	825	727	619	504	393	285	184
-21.25°	930	876	815	737	650	554	454	357	261	174	108



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	750	693	627	553	470	390	305	221	153	102	75
-23.75°	553	500	442	379	311	241	176	123	92	71	62
-25°	370	325	277	223	174	130	99	77	67	60	54
-26.25°	206	178	148	113	96	78	69	62	56	51	45
-27.5°	105	95	83	72	67	61	57	52	47	42	37
-28.75°	69	66	62	59	55	51	47	43	38	34	30
-30°	56	54	51	48	45	41	38	34	31	27	22
-31.25°	46	43	41	38	36	33	30	27	23	21	20
-32.5°	36	34	32	30	28	25	22	21	20	19	18
-33.75°	27	26	24	22	21	20	19	19	18	17	16
-35°	21	20	20	19	19	18	17	16	16	16	15
-36.25°	18	18	17	17	16	16	16	15	15	15	14
-37.5°	16	16	16	16	15	15	15	15	14	14	13
-38.75°	15	15	15	15	14	14	14	14	13	13	13
-40°	14	14	14	14	13	13	13	13	12	12	12
-41.25°	13	13	13	13	13	12	12	12	11	11	11
-42.5°	12	12	12	12	12	11	11	11	10	10	10
-43.75°	11	11	11	11	10	10	10	10	10	10	10
-45°	10	10	10	10	10	10	10	10	9	9	9
-46.25°	10	10	10	9	9	9	9	9	9	9	9
-47.5°	9	9	9	9	9	9	9	9	8	8	8
-48.75°	9	9	9	8	8	8	8	8	8	8	8
-50°	8	8	8	8	8	8	8	8	8	7	7
-51.25°	8	8	8	8	7	7	7	7	7	7	7
-52.5°	7	7	7	7	7	7	7	7	7	7	7
-53.75°	7	7	7	7	7	7	7	7	7	7	7
-55°	7	7	7	7	7	7	7	7	7	6	6
-56.25°	7	7	7	6	6	6	6	6	6	6	6
-57.5°	6	6	6	6	6	6	6	6	6	6	5
-58.75°	6	6	6	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	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	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	0	0	0	0	0	0	0	0	0
71.25°	1	1	1	1	1	1	1	1	0	0	0
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	2	2	2	2	2	2	1	1	1	1	1
65°	2	2	2	2	2	2	2	2	2	2	1
63.75°	3	3	3	3	3	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	2	2
61.25°	4	4	4	4	3	3	3	3	3	3	3
60°	4	4	4	4	4	4	4	4	3	3	3
58.75°	5	5	5	5	4	4	4	4	4	4	4
57.5°	5	5	5	5	5	5	5	4	4	4	4
56.25°	6	6	6	5	5	5	5	5	5	5	4
55°	6	6	6	6	6	6	5	5	5	5	5
53.75°	7	7	6	6	6	6	6	6	6	5	5
52.5°	7	7	7	7	7	6	6	6	6	6	6
51.25°	7	7	7	7	7	7	7	7	6	6	6
50°	7	7	7	7	7	7	7	7	7	7	6
48.75°	8	7	7	7	7	7	7	7	7	7	7
47.5°	8	8	8	8	7	7	7	7	7	7	7
46.25°	9	8	8	8	8	8	7	7	7	7	7
45°	9	9	9	8	8	8	8	8	7	7	7
43.75°	9	9	9	9	9	8	8	8	8	8	7
42.5°	10	10	9	9	9	9	9	8	8	8	8
41.25°	10	10	10	10	9	9	9	9	9	8	8
40°	11	11	10	10	10	10	9	9	9	9	8
38.75°	12	12	11	11	10	10	10	10	9	9	9
37.5°	13	13	12	12	11	11	10	10	10	9	9
36.25°	14	13	13	13	12	12	11	10	10	10	9
35°	15	14	14	13	13	12	12	11	11	10	10



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	16	15	15	14	14	13	13	12	11	11	10
32.5°	17	16	15	15	14	14	13	13	12	11	11
31.25°	19	17	16	16	15	15	14	13	13	12	11
30°	21	19	18	17	16	15	15	14	13	13	12
28.75°	25	21	20	18	17	16	15	15	14	13	13
27.5°	32	27	22	20	19	17	16	15	15	14	13
26.25°	39	34	29	23	20	19	17	16	15	15	14
25°	47	41	35	29	23	20	19	17	16	15	14
23.75°	55	49	42	35	29	23	20	18	17	16	15
22.5°	64	56	49	42	35	29	22	20	18	16	15
21.25°	79	65	56	49	41	34	27	21	19	17	16
20°	111	79	64	55	47	39	32	25	21	19	17
18.75°	184	108	75	62	54	45	37	30	22	20	18
17.5°	285	174	102	71	60	51	42	34	27	21	19
16.25°	393	261	153	92	67	56	47	38	31	23	20
15°	504	357	221	123	77	62	52	43	34	27	21
13.75°	619	454	305	176	99	69	57	47	38	30	22
12.5°	727	554	390	241	130	78	61	51	41	33	25
11.25°	825	650	470	311	174	96	67	55	45	36	28
10°	906	737	553	379	223	113	72	59	48	38	30
8.75°	971	815	627	442	277	148	83	62	51	41	32
7.5°	1019	876	693	500	325	178	95	66	54	43	34
6.25°	1057	930	750	553	370	206	105	69	56	46	36
5°	1080	966	798	598	407	238	117	72	58	47	37
3.75°	1098	992	831	632	436	264	133	75	59	49	38
2.5°	1111	1010	854	658	457	282	145	79	60	50	39
1.25°	1118	1021	868	673	469	293	151	82	61	50	39
0°	1121	1025	873	678	474	296	154	83	61	50	40
-1.25°	1118	1021	868	673	469	293	151	82	61	50	39
-2.5°	1111	1010	854	658	457	282	145	79	60	50	39
-3.75°	1098	992	831	632	436	264	133	75	59	49	38
-5°	1080	966	798	598	407	238	117	72	58	47	37
-6.25°	1057	930	750	553	370	206	105	69	56	46	36
-7.5°	1019	876	693	500	325	178	95	66	54	43	34
-8.75°	971	815	627	442	277	148	83	62	51	41	32
-10°	906	737	553	379	223	113	72	59	48	38	30
-11.25°	825	650	470	311	174	96	67	55	45	36	28
-12.5°	727	554	390	241	130	78	61	51	41	33	25
-13.75°	619	454	305	176	99	69	57	47	38	30	22
-15°	504	357	221	123	77	62	52	43	34	27	21
-16.25°	393	261	153	92	67	56	47	38	31	23	20
-17.5°	285	174	102	71	60	51	42	34	27	21	19
-18.75°	184	108	75	62	54	45	37	30	22	20	18
-20°	111	79	64	55	47	39	32	25	21	19	17
-21.25°	79	65	56	49	41	34	27	21	19	17	16



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	64	56	49	42	35	29	22	20	18	16	15
-23.75°	55	49	42	35	29	23	20	18	17	16	15
-25°	47	41	35	29	23	20	19	17	16	15	14
-26.25°	39	34	29	23	20	19	17	16	15	15	14
-27.5°	32	27	22	20	19	17	16	15	15	14	13
-28.75°	25	21	20	18	17	16	15	15	14	13	13
-30°	21	19	18	17	16	15	15	14	13	13	12
-31.25°	19	17	16	16	15	15	14	13	13	12	11
-32.5°	17	16	15	15	14	14	13	13	12	11	11
-33.75°	16	15	15	14	14	13	13	12	11	11	10
-35°	15	14	14	13	13	12	12	11	11	10	10
-36.25°	14	13	13	13	12	12	11	10	10	10	9
-37.5°	13	13	12	12	11	11	10	10	10	9	9
-38.75°	12	12	11	11	10	10	10	10	9	9	9
-40°	11	11	10	10	10	10	9	9	9	9	8
-41.25°	10	10	10	10	9	9	9	9	9	8	8
-42.5°	10	10	9	9	9	9	9	8	8	8	8
-43.75°	9	9	9	9	9	8	8	8	8	8	7
-45°	9	9	9	8	8	8	8	8	7	7	7
-46.25°	9	8	8	8	8	8	7	7	7	7	7
-47.5°	8	8	8	8	7	7	7	7	7	7	7
-48.75°	8	7	7	7	7	7	7	7	7	7	7
-50°	7	7	7	7	7	7	7	7	7	7	6
-51.25°	7	7	7	7	7	7	7	7	6	6	6
-52.5°	7	7	7	7	7	6	6	6	6	6	6
-53.75°	7	7	6	6	6	6	6	6	6	5	5
-55°	6	6	6	6	6	6	5	5	5	5	5
-56.25°	6	6	6	5	5	5	5	5	5	5	4
-57.5°	5	5	5	5	5	5	5	4	4	4	4
-58.75°	5	5	5	5	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	3	3	3
-61.25°	4	4	4	4	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	2	2
-63.75°	3	3	3	3	3	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	1
-66.25°	2	2	2	2	2	2	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	0	0	0
-72.5°	1	1	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	1	1	0	0	0	0	0	0	0	0	0
68.75°	1	1	1	1	1	0	0	0	0	0	0
67.5°	1	1	1	1	1	1	1	1	0	0	0
66.25°	1	1	1	1	1	1	1	1	1	1	0
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	2	2	1	1	1	1	1	1	1	1	1
62.5°	2	2	2	2	1	1	1	1	1	1	1
61.25°	3	2	2	2	2	2	2	1	1	1	1
60°	3	3	3	2	2	2	2	2	2	1	1
58.75°	3	3	3	3	3	2	2	2	2	2	1
57.5°	4	4	3	3	3	3	3	2	2	2	2
56.25°	4	4	4	4	3	3	3	3	3	2	2
55°	5	4	4	4	4	4	3	3	3	3	2
53.75°	5	5	5	4	4	4	4	3	3	3	3
52.5°	5	5	5	5	5	4	4	4	4	3	3
51.25°	6	6	5	5	5	5	4	4	4	4	3
50°	6	6	6	5	5	5	5	5	4	4	4
48.75°	7	6	6	6	6	5	5	5	5	4	4
47.5°	7	7	6	6	6	6	5	5	5	5	4
46.25°	7	7	7	7	6	6	6	5	5	5	5
45°	7	7	7	7	7	6	6	6	5	5	5
43.75°	7	7	7	7	7	7	6	6	6	5	5
42.5°	7	7	7	7	7	7	7	6	6	6	5
41.25°	8	8	7	7	7	7	7	7	6	6	6
40°	8	8	8	7	7	7	7	7	7	6	6
38.75°	8	8	8	8	7	7	7	7	7	7	6
37.5°	9	9	8	8	8	7	7	7	7	7	7
36.25°	9	9	9	8	8	8	7	7	7	7	7
35°	9	9	9	9	8	8	8	7	7	7	7



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	10	9	9	9	8	8	8	7	7	7	7
32.5°	10	10	9	9	9	8	8	8	7	7	7
31.25°	11	10	10	9	9	9	8	8	8	7	7
30°	11	11	10	10	9	9	9	8	8	7	7
28.75°	12	11	10	10	10	9	9	8	8	8	7
27.5°	13	12	11	10	10	9	9	9	8	8	7
26.25°	13	12	12	11	10	10	9	9	8	8	8
25°	14	13	12	11	10	10	9	9	9	8	8
23.75°	14	13	13	12	11	10	10	9	9	8	8
22.5°	15	14	13	12	11	10	10	9	9	9	8
21.25°	15	14	13	13	12	11	10	10	9	9	8
20°	16	15	14	13	12	11	10	10	9	9	9
18.75°	16	15	14	13	13	12	11	10	10	9	9
17.5°	17	16	15	14	13	12	11	10	10	9	9
16.25°	18	16	15	14	13	12	11	10	10	9	9
15°	19	16	15	15	14	13	12	11	10	10	9
13.75°	19	17	16	15	14	13	12	11	10	10	9
12.5°	20	18	16	15	14	13	12	11	10	10	9
11.25°	21	19	16	15	14	13	13	12	10	10	9
10°	22	19	17	16	15	14	13	12	11	10	9
8.75°	24	20	17	16	15	14	13	12	11	10	10
7.5°	26	20	18	16	15	14	13	12	11	10	10
6.25°	27	21	18	16	15	14	13	12	11	10	10
5°	28	21	19	16	15	14	13	12	11	10	10
3.75°	29	21	19	16	15	14	13	12	11	10	10
2.5°	30	22	19	17	15	14	13	12	11	10	10
1.25°	31	22	19	17	16	14	13	12	11	10	10
0°	31	22	19	17	16	15	14	13	11	10	10
-1.25°	31	22	19	17	16	14	13	12	11	10	10
-2.5°	30	22	19	17	15	14	13	12	11	10	10
-3.75°	29	21	19	16	15	14	13	12	11	10	10
-5°	28	21	19	16	15	14	13	12	11	10	10
-6.25°	27	21	18	16	15	14	13	12	11	10	10
-7.5°	26	20	18	16	15	14	13	12	11	10	10
-8.75°	24	20	17	16	15	14	13	12	11	10	10
-10°	22	19	17	16	15	14	13	12	11	10	9
-11.25°	21	19	16	15	14	13	13	12	10	10	9
-12.5°	20	18	16	15	14	13	12	11	10	10	9
-13.75°	19	17	16	15	14	13	12	11	10	10	9
-15°	19	16	15	15	14	13	12	11	10	10	9
-16.25°	18	16	15	14	13	12	11	10	10	9	9
-17.5°	17	16	15	14	13	12	11	10	10	9	9
-18.75°	16	15	14	13	13	12	11	10	10	9	9
-20°	16	15	14	13	12	11	10	10	9	9	9
-21.25°	15	14	13	13	12	11	10	10	9	9	8



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	15	14	13	12	11	10	10	9	9	9	8
-23.75°	14	13	13	12	11	10	10	9	9	8	8
-25°	14	13	12	11	10	10	9	9	9	8	8
-26.25°	13	12	12	11	10	10	9	9	8	8	8
-27.5°	13	12	11	10	10	9	9	9	8	8	7
-28.75°	12	11	10	10	10	9	9	8	8	8	7
-30°	11	11	10	10	9	9	9	8	8	7	7
-31.25°	11	10	10	9	9	9	8	8	8	7	7
-32.5°	10	10	9	9	9	8	8	8	7	7	7
-33.75°	10	9	9	9	8	8	8	7	7	7	7
-35°	9	9	9	9	8	8	8	7	7	7	7
-36.25°	9	9	9	8	8	8	7	7	7	7	7
-37.5°	9	9	8	8	8	7	7	7	7	7	7
-38.75°	8	8	8	8	7	7	7	7	7	7	6
-40°	8	8	8	7	7	7	7	7	7	6	6
-41.25°	8	8	7	7	7	7	7	7	6	6	6
-42.5°	7	7	7	7	7	7	7	6	6	6	5
-43.75°	7	7	7	7	7	7	6	6	6	5	5
-45°	7	7	7	7	7	6	6	6	5	5	5
-46.25°	7	7	7	7	6	6	6	5	5	5	5
-47.5°	7	7	6	6	6	6	5	5	5	5	4
-48.75°	7	6	6	6	6	5	5	5	5	4	4
-50°	6	6	6	5	5	5	5	5	4	4	4
-51.25°	6	6	5	5	5	5	4	4	4	4	3
-52.5°	5	5	5	5	5	4	4	4	4	3	3
-53.75°	5	5	5	4	4	4	4	3	3	3	3
-55°	5	4	4	4	4	4	3	3	3	3	2
-56.25°	4	4	4	4	3	3	3	3	3	2	2
-57.5°	4	4	3	3	3	3	3	2	2	2	2
-58.75°	3	3	3	3	3	2	2	2	2	2	1
-60°	3	3	3	2	2	2	2	2	2	1	1
-61.25°	3	2	2	2	2	2	2	1	1	1	1
-62.5°	2	2	2	2	1	1	1	1	1	1	1
-63.75°	2	2	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	0
-67.5°	1	1	1	1	1	1	1	1	0	0	0
-68.75°	1	1	1	1	1	0	0	0	0	0	0
-70°	1	1	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	1	0	0	0	0	0	0	0	0	0	0
63.75°	1	1	1	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	0	0	0	0	0	0
61.25°	1	1	1	1	1	1	0	0	0	0	0
60°	1	1	1	1	1	1	1	0	0	0	0
58.75°	1	1	1	1	1	1	1	1	0	0	0
57.5°	2	1	1	1	1	1	1	1	1	0	0
56.25°	2	2	1	1	1	1	1	1	1	1	0
55°	2	2	2	1	1	1	1	1	1	1	1
53.75°	3	2	2	2	1	1	1	1	1	1	1
52.5°	3	3	2	2	2	1	1	1	1	1	1
51.25°	3	3	3	2	2	2	1	1	1	1	1
50°	3	3	3	3	2	2	2	1	1	1	1
48.75°	4	3	3	3	3	2	2	2	1	1	1
47.5°	4	4	3	3	3	3	2	2	2	1	1
46.25°	4	4	4	3	3	3	2	2	2	1	1
45°	5	4	4	4	3	3	3	2	2	2	1
43.75°	5	5	4	4	4	3	3	3	2	2	2
42.5°	5	5	5	4	4	3	3	3	2	2	2
41.25°	5	5	5	4	4	4	3	3	3	2	2
40°	6	5	5	5	4	4	4	3	3	2	2
38.75°	6	6	5	5	5	4	4	3	3	3	2
37.5°	6	6	5	5	5	4	4	4	3	3	2
36.25°	6	6	6	5	5	5	4	4	3	3	3
35°	7	6	6	6	5	5	4	4	4	3	3



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	7	7	6	6	5	5	5	4	4	3	3
32.5°	7	7	6	6	6	5	5	4	4	4	3
31.25°	7	7	7	6	6	5	5	5	4	4	3
30°	7	7	7	6	6	6	5	5	4	4	3
28.75°	7	7	7	7	6	6	5	5	4	4	4
27.5°	7	7	7	7	6	6	5	5	5	4	4
26.25°	7	7	7	7	6	6	6	5	5	4	4
25°	7	7	7	7	7	6	6	5	5	4	4
23.75°	8	7	7	7	7	6	6	5	5	5	4
22.5°	8	7	7	7	7	6	6	6	5	5	4
21.25°	8	7	7	7	7	7	6	6	5	5	4
20°	8	8	7	7	7	7	6	6	5	5	4
18.75°	8	8	7	7	7	7	6	6	5	5	5
17.5°	8	8	7	7	7	7	6	6	6	5	5
16.25°	8	8	8	7	7	7	7	6	6	5	5
15°	9	8	8	7	7	7	7	6	6	5	5
13.75°	9	8	8	7	7	7	7	6	6	5	5
12.5°	9	8	8	7	7	7	7	6	6	5	5
11.25°	9	8	8	7	7	7	7	6	6	5	5
10°	9	8	8	8	7	7	7	6	6	5	5
8.75°	9	9	8	8	7	7	7	7	6	6	5
7.5°	9	9	8	8	7	7	7	7	6	6	5
6.25°	9	9	8	8	7	7	7	7	6	6	5
5°	9	9	8	8	7	7	7	7	6	6	5
3.75°	9	9	8	8	7	7	7	7	6	6	5
2.5°	9	9	8	8	7	7	7	7	6	6	5
1.25°	9	9	8	8	7	7	7	7	6	6	5
0°	9	9	8	8	7	7	7	7	6	6	5
-1.25°	9	9	8	8	7	7	7	7	6	6	5
-2.5°	9	9	8	8	7	7	7	7	6	6	5
-3.75°	9	9	8	8	7	7	7	7	6	6	5
-5°	9	9	8	8	7	7	7	7	6	6	5
-6.25°	9	9	8	8	7	7	7	7	6	6	5
-7.5°	9	9	8	8	7	7	7	7	6	6	5
-8.75°	9	9	8	8	7	7	7	7	6	6	5
-10°	9	8	8	8	7	7	7	6	6	5	5
-11.25°	9	8	8	7	7	7	7	6	6	5	5
-12.5°	9	8	8	7	7	7	7	6	6	5	5
-13.75°	9	8	8	7	7	7	7	6	6	5	5
-15°	9	8	8	7	7	7	7	6	6	5	5
-16.25°	8	8	8	7	7	7	7	6	6	5	5
-17.5°	8	8	7	7	7	7	6	6	6	5	5
-18.75°	8	8	7	7	7	7	6	6	5	5	5
-20°	8	8	7	7	7	7	6	6	5	5	4
-21.25°	8	7	7	7	7	7	6	6	5	5	4



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	8	7	7	7	7	6	6	6	5	5	4
-23.75°	8	7	7	7	7	6	6	5	5	5	4
-25°	7	7	7	7	7	6	6	5	5	4	4
-26.25°	7	7	7	7	6	6	6	5	5	4	4
-27.5°	7	7	7	7	6	6	5	5	5	4	4
-28.75°	7	7	7	7	6	6	5	5	4	4	4
-30°	7	7	7	6	6	6	5	5	4	4	3
-31.25°	7	7	7	6	6	5	5	5	4	4	3
-32.5°	7	7	6	6	6	5	5	4	4	4	3
-33.75°	7	7	6	6	5	5	5	4	4	3	3
-35°	7	6	6	6	5	5	4	4	4	3	3
-36.25°	6	6	6	5	5	5	4	4	3	3	3
-37.5°	6	6	5	5	5	4	4	4	3	3	2
-38.75°	6	6	5	5	5	4	4	3	3	3	2
-40°	6	5	5	5	4	4	4	3	3	2	2
-41.25°	5	5	5	4	4	4	3	3	3	2	2
-42.5°	5	5	5	4	4	3	3	3	2	2	2
-43.75°	5	5	4	4	4	3	3	3	2	2	2
-45°	5	4	4	4	3	3	3	2	2	2	1
-46.25°	4	4	4	3	3	3	2	2	2	1	1
-47.5°	4	4	3	3	3	3	2	2	2	1	1
-48.75°	4	3	3	3	3	2	2	2	1	1	1
-50°	3	3	3	3	2	2	2	1	1	1	1
-51.25°	3	3	3	2	2	2	1	1	1	1	1
-52.5°	3	3	2	2	2	1	1	1	1	1	1
-53.75°	3	2	2	2	1	1	1	1	1	1	1
-55°	2	2	2	1	1	1	1	1	1	1	1
-56.25°	2	2	1	1	1	1	1	1	1	1	0
-57.5°	2	1	1	1	1	1	1	1	1	0	0
-58.75°	1	1	1	1	1	1	1	1	0	0	0
-60°	1	1	1	1	1	1	1	0	0	0	0
-61.25°	1	1	1	1	1	1	0	0	0	0	0
-62.5°	1	1	1	1	1	0	0	0	0	0	0
-63.75°	1	1	1	0	0	0	0	0	0	0	0
-65°	1	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	1	0	0	0	0	0	0	0	0	0	0
52.5°	1	1	0	0	0	0	0	0	0	0	0
51.25°	1	1	0	0	0	0	0	0	0	0	0
50°	1	1	1	0	0	0	0	0	0	0	0
48.75°	1	1	1	0	0	0	0	0	0	0	0
47.5°	1	1	1	1	0	0	0	0	0	0	0
46.25°	1	1	1	1	0	0	0	0	0	0	0
45°	1	1	1	1	1	0	0	0	0	0	0
43.75°	1	1	1	1	1	0	0	0	0	0	0
42.5°	1	1	1	1	1	1	0	0	0	0	0
41.25°	2	1	1	1	1	1	0	0	0	0	0
40°	2	1	1	1	1	1	0	0	0	0	0
38.75°	2	1	1	1	1	1	1	0	0	0	0
37.5°	2	2	1	1	1	1	1	0	0	0	0
36.25°	2	2	1	1	1	1	1	0	0	0	0
35°	2	2	2	1	1	1	1	1	0	0	0



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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	2	2	1	1	1	1	1	0	0	0
32.5°	3	2	2	1	1	1	1	1	0	0	0
31.25°	3	2	2	2	1	1	1	1	0	0	0
30°	3	3	2	2	1	1	1	1	0	0	0
28.75°	3	3	2	2	1	1	1	1	1	0	0
27.5°	3	3	2	2	1	1	1	1	1	0	0
26.25°	3	3	2	2	2	1	1	1	1	0	0
25°	3	3	3	2	2	1	1	1	1	0	0
23.75°	4	3	3	2	2	1	1	1	1	0	0
22.5°	4	3	3	2	2	1	1	1	1	0	0
21.25°	4	3	3	2	2	1	1	1	1	1	0
20°	4	3	3	2	2	1	1	1	1	1	0
18.75°	4	4	3	3	2	2	1	1	1	1	0
17.5°	4	4	3	3	2	2	1	1	1	1	0
16.25°	4	4	3	3	2	2	1	1	1	1	0
15°	4	4	3	3	2	2	1	1	1	1	0
13.75°	4	4	3	3	2	2	1	1	1	1	0
12.5°	4	4	3	3	2	2	1	1	1	1	0
11.25°	4	4	3	3	2	2	1	1	1	1	0
10°	5	4	3	3	2	2	1	1	1	1	0
8.75°	5	4	4	3	2	2	1	1	1	1	0
7.5°	5	4	4	3	3	2	1	1	1	1	0
6.25°	5	4	4	3	3	2	1	1	1	1	0
5°	5	4	4	3	3	2	2	1	1	1	0
3.75°	5	4	4	3	3	2	2	1	1	1	0
2.5°	5	4	4	3	3	2	2	1	1	1	0
1.25°	5	4	4	3	3	2	2	1	1	1	0
0°	5	4	4	3	3	2	2	1	1	1	1
-1.25°	5	4	4	3	3	2	2	1	1	1	0
-2.5°	5	4	4	3	3	2	2	1	1	1	0
-3.75°	5	4	4	3	3	2	2	1	1	1	0
-5°	5	4	4	3	3	2	2	1	1	1	0
-6.25°	5	4	4	3	3	2	1	1	1	1	0
-7.5°	5	4	4	3	3	2	1	1	1	1	0
-8.75°	5	4	4	3	2	2	1	1	1	1	0
-10°	5	4	3	3	2	2	1	1	1	1	0
-11.25°	4	4	3	3	2	2	1	1	1	1	0
-12.5°	4	4	3	3	2	2	1	1	1	1	0
-13.75°	4	4	3	3	2	2	1	1	1	1	0
-15°	4	4	3	3	2	2	1	1	1	1	0
-16.25°	4	4	3	3	2	2	1	1	1	1	0
-17.5°	4	4	3	3	2	2	1	1	1	1	0
-18.75°	4	4	3	3	2	2	1	1	1	1	0
-20°	4	3	3	2	2	1	1	1	1	1	0
-21.25°	4	3	3	2	2	1	1	1	1	1	0



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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	3	3	2	2	1	1	1	1	0	0
-23.75°	4	3	3	2	2	1	1	1	1	0	0
-25°	3	3	3	2	2	1	1	1	1	0	0
-26.25°	3	3	2	2	2	1	1	1	1	0	0
-27.5°	3	3	2	2	1	1	1	1	1	0	0
-28.75°	3	3	2	2	1	1	1	1	1	0	0
-30°	3	3	2	2	1	1	1	1	0	0	0
-31.25°	3	2	2	2	1	1	1	1	0	0	0
-32.5°	3	2	2	1	1	1	1	1	0	0	0
-33.75°	3	2	2	1	1	1	1	1	0	0	0
-35°	2	2	2	1	1	1	1	1	0	0	0
-36.25°	2	2	1	1	1	1	1	0	0	0	0
-37.5°	2	2	1	1	1	1	1	0	0	0	0
-38.75°	2	1	1	1	1	1	1	0	0	0	0
-40°	2	1	1	1	1	1	0	0	0	0	0
-41.25°	2	1	1	1	1	1	0	0	0	0	0
-42.5°	1	1	1	1	1	1	0	0	0	0	0
-43.75°	1	1	1	1	1	0	0	0	0	0	0
-45°	1	1	1	1	1	0	0	0	0	0	0
-46.25°	1	1	1	1	0	0	0	0	0	0	0
-47.5°	1	1	1	1	0	0	0	0	0	0	0
-48.75°	1	1	1	0	0	0	0	0	0	0	0
-50°	1	1	1	0	0	0	0	0	0	0	0
-51.25°	1	1	0	0	0	0	0	0	0	0	0
-52.5°	1	1	0	0	0	0	0	0	0	0	0
-53.75°	1	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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°	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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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: P220513 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-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)