

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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

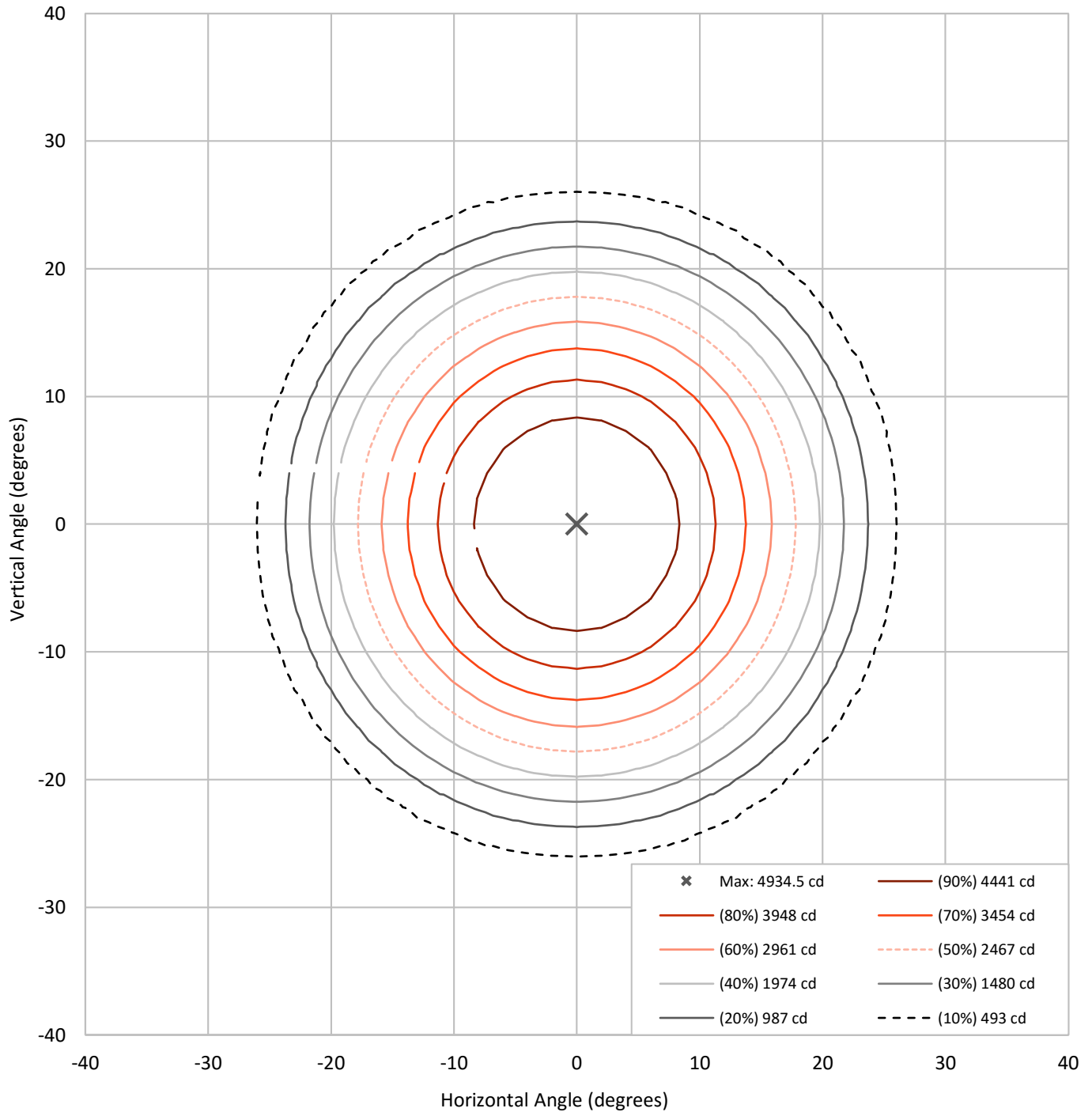
Test Method: LM-79-08
Report Number: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29474)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 5000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1691.2 lumens	Max Intensity:	4934.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	84.1 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	35.6°H x 35.6°V	Field Angle (10%):	52.1°H x 52.1°V
Beam Lumens:	1127.8 lumens	Field Lumens:	1587.4 lumens
Beam Efficiency:	66.7%	Field Efficiency:	93.9%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-BK-L2-UNV

Iso-Candela Plot





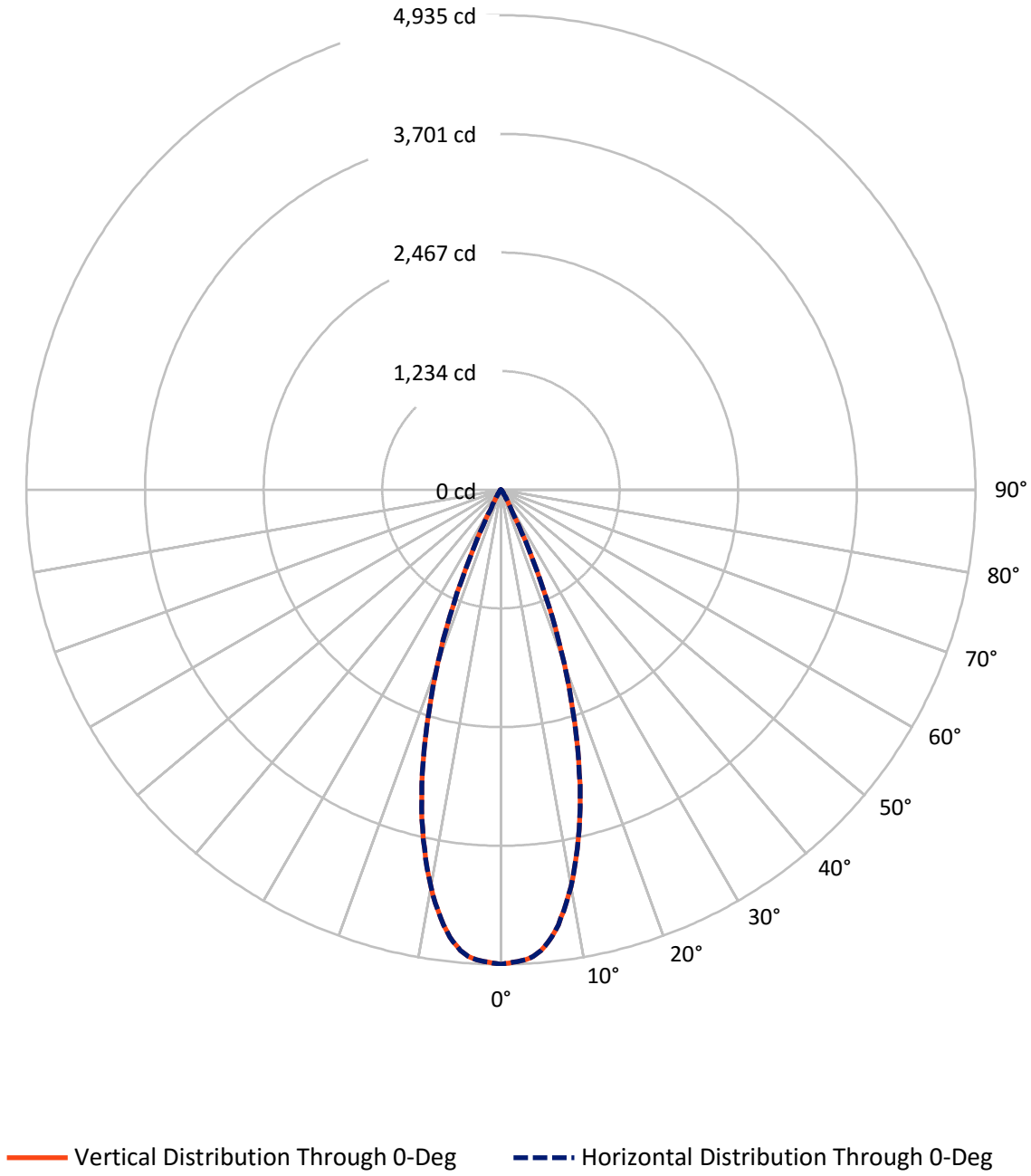
REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-BK-L2-UNV

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
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
70	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
60		0.0	0.0	0.0	0.1	0.1	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	
40		0.0	0.1	0.1	0.2	0.4	1.0	1.7	1.7	1.0	0.4	0.2	0.1	0.1		
30	0.0	0.0	0.1	0.2	0.4	1.7	8.1	21.3	21.3	8.1	1.7	0.4	0.2	0.1	0.0	
20		0.0	0.1	0.2	0.8	7.7	47.4	87.5	87.5	47.4	7.7	0.8	0.2	0.1		
10	0.0	0.0	0.1	0.2	1.4	19.7	85.0	135.2	135.2	85.0	19.7	1.4	0.2	0.1	0.0	
0		0.0	0.1	0.2	1.4	19.7	85.0	135.2	135.2	85.0	19.7	1.4	0.2	0.1		
-10	0.0	0.0	0.1	0.2	1.4	19.7	85.0	135.2	135.2	85.0	19.7	1.4	0.2	0.1	0.0	
-20		0.0	0.1	0.2	0.8	7.7	47.4	87.5	87.5	47.4	7.7	0.8	0.2	0.1		
-30	0.0	0.0	0.1	0.2	0.4	1.7	8.1	21.3	21.3	8.1	1.7	0.4	0.2	0.1	0.0	
-40		0.0	0.1	0.1	0.2	0.4	1.0	1.7	1.7	1.0	0.4	0.2	0.1	0.1		
-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	
-60		0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0		
-70	0.0	0.0	0.0	0.0	0.0	0.0	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		
-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	

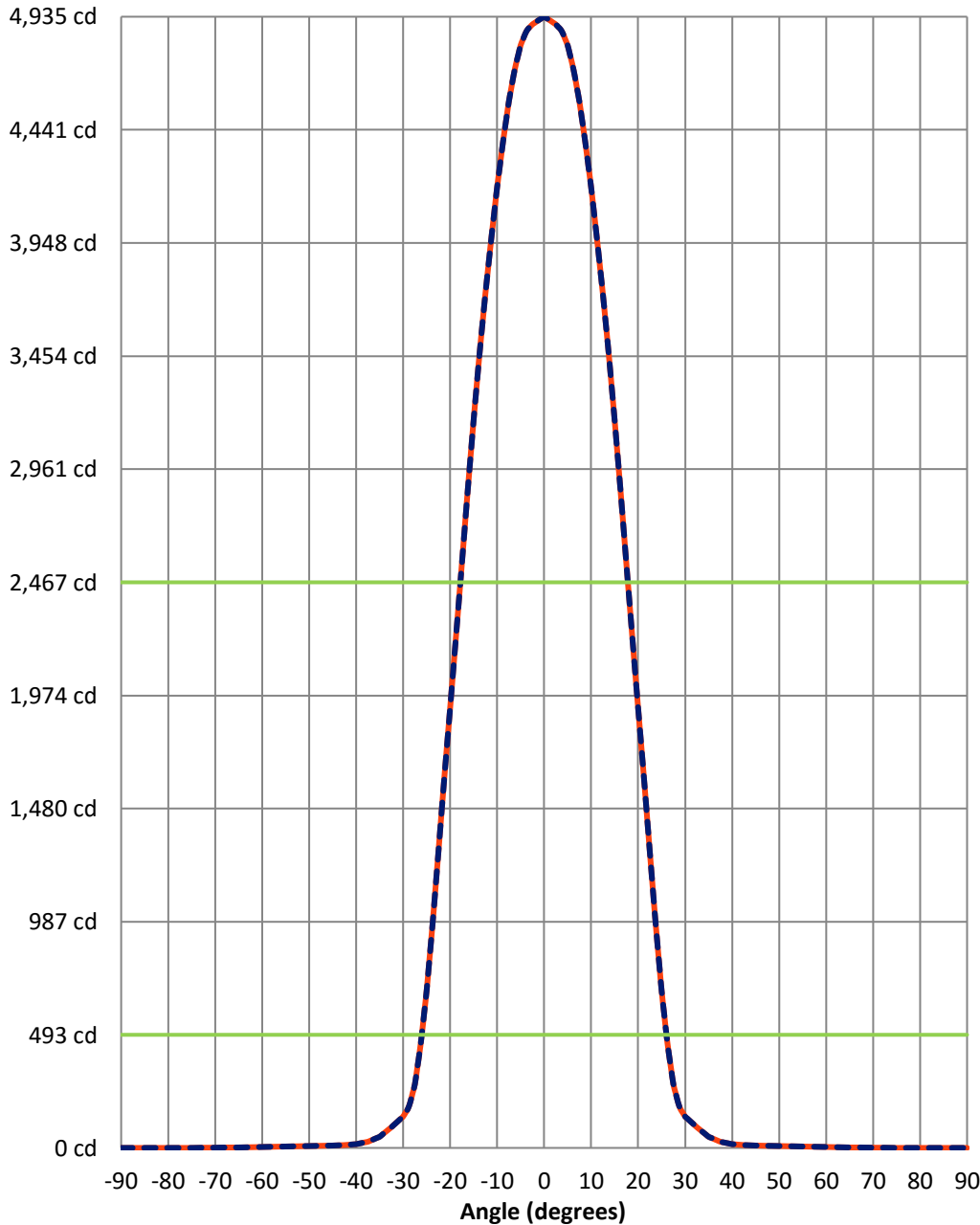
REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-BK-L2-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-BK-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 35.6°
 V Angle: 35.6°
 Lumens: 1127.8
 Efficiency: 66.7%

Field:
 H Angle: 52.1°
 V Angle: 52.1°
 Lumens: 1587.4
 Efficiency: 93.9%

Spill:
 Lumens: 103.8
 Efficiency: 6.1%

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



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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	2
23.75°	0	0	0	0	1	1	1	1	2	2	2
22.5°	0	0	0	0	1	1	1	1	2	2	2
21.25°	0	0	0	1	1	1	1	1	2	2	2
20°	0	0	0	1	1	1	1	1	2	2	2
18.75°	0	0	0	1	1	1	1	2	2	2	2
17.5°	0	0	0	1	1	1	1	2	2	2	2
16.25°	0	0	0	1	1	1	1	2	2	2	2
15°	0	0	0	1	1	1	1	2	2	2	2
13.75°	0	0	0	1	1	1	1	2	2	2	2
12.5°	0	0	0	1	1	1	1	2	2	2	2
11.25°	0	0	0	1	1	1	1	2	2	2	2
10°	0	0	0	1	1	1	1	2	2	2	2
8.75°	0	0	0	1	1	1	1	2	2	2	2
7.5°	0	0	0	1	1	1	1	2	2	2	3
6.25°	0	0	0	1	1	1	1	2	2	2	3
5°	0	0	0	1	1	1	2	2	2	2	3
3.75°	0	0	0	1	1	1	2	2	2	2	3
2.5°	0	0	0	1	1	1	2	2	2	2	3
1.25°	0	0	0	1	1	1	2	2	2	2	3
0°	0	0	1	1	1	1	2	2	2	2	3
-1.25°	0	0	0	1	1	1	2	2	2	2	3
-2.5°	0	0	0	1	1	1	2	2	2	2	3
-3.75°	0	0	0	1	1	1	2	2	2	2	3
-5°	0	0	0	1	1	1	2	2	2	2	3
-6.25°	0	0	0	1	1	1	1	2	2	2	3
-7.5°	0	0	0	1	1	1	1	2	2	2	3
-8.75°	0	0	0	1	1	1	1	2	2	2	2
-10°	0	0	0	1	1	1	1	2	2	2	2
-11.25°	0	0	0	1	1	1	1	2	2	2	2
-12.5°	0	0	0	1	1	1	1	2	2	2	2
-13.75°	0	0	0	1	1	1	1	2	2	2	2
-15°	0	0	0	1	1	1	1	2	2	2	2
-16.25°	0	0	0	1	1	1	1	2	2	2	2
-17.5°	0	0	0	1	1	1	1	2	2	2	2
-18.75°	0	0	0	1	1	1	1	2	2	2	2
-20°	0	0	0	1	1	1	1	1	2	2	2
-21.25°	0	0	0	1	1	1	1	1	2	2	2



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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	2
-23.75°	0	0	0	0	1	1	1	1	2	2	2
-25°	0	0	0	0	1	1	1	1	2	2	2
-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	2	3	3	4	4	5	5	5	6	6	7
-23.75°	2	3	3	3	4	4	5	5	6	6	7
-25°	2	2	3	3	4	4	5	5	6	6	6
-26.25°	2	2	3	3	4	4	5	5	5	6	6
-27.5°	2	2	3	3	4	4	4	5	5	6	6
-28.75°	2	2	2	3	3	4	4	5	5	6	6
-30°	2	2	2	3	3	4	4	5	5	5	6
-31.25°	2	2	2	3	3	3	4	4	5	5	6
-32.5°	2	2	2	2	3	3	4	4	5	5	5
-33.75°	2	2	2	2	3	3	4	4	4	5	5
-35°	2	2	2	2	3	3	3	4	4	5	5
-36.25°	2	2	2	2	2	3	3	4	4	4	5
-37.5°	2	2	2	2	2	3	3	3	4	4	4
-38.75°	1	2	2	2	2	2	3	3	3	4	4
-40°	1	2	2	2	2	2	3	3	3	4	4
-41.25°	1	2	2	2	2	2	2	3	3	3	4
-42.5°	1	1	2	2	2	2	2	2	3	3	3
-43.75°	1	1	2	2	2	2	2	2	3	3	3
-45°	1	1	1	2	2	2	2	2	2	3	3
-46.25°	1	1	1	1	2	2	2	2	2	2	3
-47.5°	1	1	1	1	2	2	2	2	2	2	2
-48.75°	1	1	1	1	1	2	2	2	2	2	2
-50°	1	1	1	1	1	1	2	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°	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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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	2
58.75°	1	1	1	2	2	2	2	2	2	2	2
57.5°	1	2	2	2	2	2	2	2	2	2	2
56.25°	2	2	2	2	2	2	2	2	2	3	3
55°	2	2	2	2	2	2	2	3	3	3	3
53.75°	2	2	2	2	2	2	3	3	3	3	4
52.5°	2	2	2	2	3	3	3	3	3	4	4
51.25°	2	2	2	3	3	3	3	4	4	4	4
50°	2	2	3	3	3	3	4	4	4	4	5
48.75°	2	3	3	3	4	4	4	4	5	5	5
47.5°	3	3	3	4	4	4	4	5	5	5	5
46.25°	3	3	4	4	4	4	5	5	5	6	6
45°	3	4	4	4	4	5	5	5	6	6	6
43.75°	4	4	4	4	5	5	5	6	6	6	6
42.5°	4	4	4	5	5	5	6	6	6	7	7
41.25°	4	4	5	5	5	6	6	6	7	7	7
40°	4	5	5	5	6	6	6	7	7	7	8
38.75°	5	5	5	6	6	6	7	7	7	8	8
37.5°	5	5	6	6	6	7	7	7	8	8	8
36.25°	5	5	6	6	6	7	7	8	8	8	9
35°	5	6	6	6	7	7	8	8	8	9	9



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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	6	6	7	7	7	8	8	8	9	9
32.5°	6	6	6	7	7	8	8	8	9	9	9
31.25°	6	6	7	7	8	8	8	9	9	9	10
30°	6	7	7	7	8	8	9	9	9	10	10
28.75°	6	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	14
21.25°	7	8	8	9	9	10	10	11	12	13	15
20°	8	8	9	9	9	10	10	11	12	14	15
18.75°	8	8	9	9	10	10	11	12	13	14	16
17.5°	8	8	9	9	10	10	11	12	13	15	18
16.25°	8	8	9	9	10	10	11	12	14	16	20
15°	8	9	9	10	10	11	12	13	15	17	21
13.75°	8	9	9	10	10	11	12	13	15	18	23
12.5°	8	9	9	10	10	11	12	14	16	20	25
11.25°	8	9	9	10	10	12	13	14	16	21	26
10°	8	9	9	10	11	12	13	15	17	22	28
8.75°	9	9	10	10	11	12	13	15	18	23	30
7.5°	9	9	10	10	11	12	14	16	19	24	32
6.25°	9	9	10	10	11	12	14	16	20	25	34
5°	9	9	10	10	11	12	14	16	21	26	35
3.75°	9	9	10	10	11	12	14	16	21	26	36
2.5°	9	9	10	10	11	12	14	16	22	27	37
1.25°	9	9	10	10	11	12	15	17	22	27	38
0°	9	9	10	10	11	13	15	17	22	27	38
-1.25°	9	9	10	10	11	12	15	17	22	27	38
-2.5°	9	9	10	10	11	12	14	16	22	27	37
-3.75°	9	9	10	10	11	12	14	16	21	26	36
-5°	9	9	10	10	11	12	14	16	21	26	35
-6.25°	9	9	10	10	11	12	14	16	20	25	34
-7.5°	9	9	10	10	11	12	14	16	19	24	32
-8.75°	9	9	10	10	11	12	13	15	18	23	30
-10°	8	9	9	10	11	12	13	15	17	22	28
-11.25°	8	9	9	10	10	12	13	14	16	21	26
-12.5°	8	9	9	10	10	11	12	14	16	20	25
-13.75°	8	9	9	10	10	11	12	13	15	18	23
-15°	8	9	9	10	10	11	12	13	15	17	21
-16.25°	8	8	9	9	10	10	11	12	14	16	20
-17.5°	8	8	9	9	10	10	11	12	13	15	18
-18.75°	8	8	9	9	10	10	11	12	13	14	16
-20°	8	8	9	9	9	10	10	11	12	14	15
-21.25°	7	8	8	9	9	10	10	11	12	13	15



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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	14
-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°	6	7	7	8	8	8	9	9	10	10	10
-30°	6	7	7	7	8	8	9	9	9	10	10
-31.25°	6	6	7	7	8	8	8	9	9	9	10
-32.5°	6	6	6	7	7	8	8	8	9	9	9
-33.75°	5	6	6	7	7	7	8	8	8	9	9
-35°	5	6	6	6	7	7	8	8	8	9	9
-36.25°	5	5	6	6	6	7	7	8	8	8	9
-37.5°	5	5	6	6	6	7	7	7	8	8	8
-38.75°	5	5	5	6	6	6	7	7	7	8	8
-40°	4	5	5	5	6	6	6	7	7	7	8
-41.25°	4	4	5	5	5	6	6	6	7	7	7
-42.5°	4	4	4	5	5	5	6	6	6	7	7
-43.75°	4	4	4	4	5	5	5	6	6	6	6
-45°	3	4	4	4	4	5	5	5	6	6	6
-46.25°	3	3	4	4	4	4	5	5	5	6	6
-47.5°	3	3	3	4	4	4	4	5	5	5	5
-48.75°	2	3	3	3	4	4	4	4	5	5	5
-50°	2	2	3	3	3	3	4	4	4	4	5
-51.25°	2	2	2	3	3	3	3	4	4	4	4
-52.5°	2	2	2	2	3	3	3	3	3	4	4
-53.75°	2	2	2	2	2	2	3	3	3	3	4
-55°	2	2	2	2	2	2	2	3	3	3	3
-56.25°	2	2	2	2	2	2	2	2	2	3	3
-57.5°	1	2	2	2	2	2	2	2	2	2	2
-58.75°	1	1	1	2	2	2	2	2	2	2	2
-60°	1	1	1	1	2	2	2	2	2	2	2
-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	3	3
60°	2	2	2	2	2	2	3	3	3	3	3
58.75°	2	2	2	3	3	3	3	3	3	3	4
57.5°	3	3	3	3	3	3	4	4	4	4	4
56.25°	3	3	3	3	4	4	4	4	4	4	5
55°	3	4	4	4	4	4	4	5	5	5	5
53.75°	4	4	4	4	5	5	5	5	5	5	5
52.5°	4	4	5	5	5	5	5	5	6	6	6
51.25°	5	5	5	5	5	6	6	6	6	6	6
50°	5	5	5	6	6	6	6	6	6	7	7
48.75°	5	5	6	6	6	6	7	7	7	7	7
47.5°	6	6	6	6	7	7	7	7	7	8	8
46.25°	6	6	6	7	7	7	7	8	8	8	8
45°	6	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	14
35°	9	9	10	10	11	11	12	12	13	14	15



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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	14	15	16	17
32.5°	10	10	11	11	12	13	14	15	16	19	22
31.25°	10	11	11	12	13	14	15	17	20	23	26
30°	11	11	12	13	14	16	17	21	24	27	33
28.75°	11	12	13	14	16	18	21	24	28	35	41
27.5°	12	13	14	15	17	21	24	29	36	43	49
26.25°	12	14	15	17	21	24	29	36	43	52	65
25°	13	15	16	20	24	28	36	43	53	66	80
23.75°	14	16	19	23	27	35	43	52	66	81	95
22.5°	15	17	22	26	33	41	49	65	80	95	111
21.25°	16	20	24	30	38	47	61	77	93	110	127
20°	18	22	27	35	44	57	73	89	107	125	144
18.75°	20	25	31	41	50	67	84	102	121	139	166
17.5°	22	27	36	45	60	78	96	115	134	159	209
16.25°	24	31	41	51	70	87	107	127	150	192	277
15°	26	35	45	60	78	97	118	138	170	238	362
13.75°	29	39	49	68	87	107	128	153	203	307	463
12.5°	32	42	56	75	95	116	137	171	247	386	573
11.25°	35	46	62	82	102	124	149	198	304	470	681
10°	38	49	68	88	110	132	161	225	365	558	794
8.75°	41	53	73	94	116	139	178	270	430	642	897
7.5°	43	58	78	99	121	147	197	309	486	721	996
6.25°	45	61	82	103	126	154	213	345	546	795	1082
5°	46	64	85	107	130	160	231	383	596	856	1153
3.75°	47	67	87	110	133	166	251	413	635	904	1212
2.5°	48	68	89	112	135	173	266	435	663	941	1255
1.25°	49	69	90	113	137	177	275	448	680	964	1281
0°	49	70	90	114	137	178	278	452	686	972	1289
-1.25°	49	69	90	113	137	177	275	448	680	964	1281
-2.5°	48	68	89	112	135	173	266	435	663	941	1255
-3.75°	47	67	87	110	133	166	251	413	635	904	1212
-5°	46	64	85	107	130	160	231	383	596	856	1153
-6.25°	45	61	82	103	126	154	213	345	546	795	1082
-7.5°	43	58	78	99	121	147	197	309	486	721	996
-8.75°	41	53	73	94	116	139	178	270	430	642	897
-10°	38	49	68	88	110	132	161	225	365	558	794
-11.25°	35	46	62	82	102	124	149	198	304	470	681
-12.5°	32	42	56	75	95	116	137	171	247	386	573
-13.75°	29	39	49	68	87	107	128	153	203	307	463
-15°	26	35	45	60	78	97	118	138	170	238	362
-16.25°	24	31	41	51	70	87	107	127	150	192	277
-17.5°	22	27	36	45	60	78	96	115	134	159	209
-18.75°	20	25	31	41	50	67	84	102	121	139	166
-20°	18	22	27	35	44	57	73	89	107	125	144
-21.25°	16	20	24	30	38	47	61	77	93	110	127



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	15	17	22	26	33	41	49	65	80	95	111
-23.75°	14	16	19	23	27	35	43	52	66	81	95
-25°	13	15	16	20	24	28	36	43	53	66	80
-26.25°	12	14	15	17	21	24	29	36	43	52	65
-27.5°	12	13	14	15	17	21	24	29	36	43	49
-28.75°	11	12	13	14	16	18	21	24	28	35	41
-30°	11	11	12	13	14	16	17	21	24	27	33
-31.25°	10	11	11	12	13	14	15	17	20	23	26
-32.5°	10	10	11	11	12	13	14	15	16	19	22
-33.75°	9	10	10	11	11	12	13	14	15	16	17
-35°	9	9	10	10	11	11	12	12	13	14	15
-36.25°	9	9	9	10	10	10	11	12	12	13	14
-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°	6	7	7	7	7	8	8	8	8	8	9
-46.25°	6	6	6	7	7	7	7	8	8	8	8
-47.5°	6	6	6	6	7	7	7	7	7	8	8
-48.75°	5	5	6	6	6	6	7	7	7	7	7
-50°	5	5	5	6	6	6	6	6	6	7	7
-51.25°	5	5	5	5	5	6	6	6	6	6	6
-52.5°	4	4	5	5	5	5	5	5	6	6	6
-53.75°	4	4	4	4	5	5	5	5	5	5	5
-55°	3	4	4	4	4	4	4	5	5	5	5
-56.25°	3	3	3	3	4	4	4	4	4	4	5
-57.5°	3	3	3	3	3	3	4	4	4	4	4
-58.75°	2	2	2	3	3	3	3	3	3	3	4
-60°	2	2	2	2	2	2	3	3	3	3	3
-61.25°	2	2	2	2	2	2	2	2	2	3	3
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	4	4	4	4	4	4	4	4
58.75°	4	4	4	4	4	4	4	4	4	4	5
57.5°	4	4	4	5	5	5	5	5	5	5	5
56.25°	5	5	5	5	5	5	5	5	5	5	6
55°	5	5	5	5	6	6	6	6	6	6	6
53.75°	6	6	6	6	6	6	6	6	6	6	7
52.5°	6	6	6	6	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	14	14	15	15
38.75°	12	12	13	13	14	15	15	16	16	17	18
37.5°	13	14	14	15	16	17	18	20	21	22	23
36.25°	15	15	16	18	20	21	23	25	26	28	30
35°	16	18	20	22	24	26	29	32	35	38	41



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	20	22	25	27	31	35	39	42	46	49	53
32.5°	24	27	31	36	41	45	49	56	62	68	73
31.25°	30	35	41	45	51	60	68	75	82	88	94
30°	38	44	50	60	70	78	87	95	102	110	116
28.75°	47	57	67	78	87	97	107	116	124	132	139
27.5°	61	73	84	96	107	118	128	137	149	161	178
26.25°	77	89	102	115	127	138	153	171	198	225	270
25°	93	107	121	134	150	170	203	247	304	365	430
23.75°	110	125	139	159	192	238	307	386	470	558	642
22.5°	127	144	166	209	277	362	463	573	681	794	897
21.25°	145	172	219	304	410	528	659	796	929	1062	1184
20°	172	222	318	439	577	727	885	1047	1202	1350	1482
18.75°	219	318	448	602	771	949	1132	1313	1481	1634	1768
17.5°	304	439	602	786	983	1186	1388	1576	1747	1900	2042
16.25°	410	577	771	983	1204	1426	1634	1822	1999	2165	2322
15°	528	727	949	1186	1426	1653	1860	2059	2251	2434	2594
13.75°	659	885	1132	1388	1634	1860	2080	2296	2500	2686	2870
12.5°	796	1047	1313	1576	1822	2059	2296	2522	2736	2947	3124
11.25°	929	1202	1481	1747	1999	2251	2500	2736	2971	3174	3359
10°	1062	1350	1634	1900	2165	2434	2686	2947	3174	3386	3571
8.75°	1184	1482	1768	2042	2322	2594	2870	3124	3359	3571	3755
7.5°	1295	1598	1884	2169	2461	2743	3026	3282	3520	3730	3917
6.25°	1392	1697	1986	2283	2578	2878	3157	3421	3656	3866	4059
5°	1470	1776	2072	2379	2677	2986	3266	3530	3765	3981	4179
3.75°	1532	1838	2140	2453	2760	3068	3354	3618	3852	4071	4269
2.5°	1577	1883	2190	2506	2821	3127	3417	3677	3915	4137	4337
1.25°	1604	1910	2221	2538	2858	3164	3453	3713	3953	4177	4377
0°	1613	1919	2231	2548	2871	3176	3465	3725	3966	4191	4390
-1.25°	1604	1910	2221	2538	2858	3164	3453	3713	3953	4177	4377
-2.5°	1577	1883	2190	2506	2821	3127	3417	3677	3915	4137	4337
-3.75°	1532	1838	2140	2453	2760	3068	3354	3618	3852	4071	4269
-5°	1470	1776	2072	2379	2677	2986	3266	3530	3765	3981	4179
-6.25°	1392	1697	1986	2283	2578	2878	3157	3421	3656	3866	4059
-7.5°	1295	1598	1884	2169	2461	2743	3026	3282	3520	3730	3917
-8.75°	1184	1482	1768	2042	2322	2594	2870	3124	3359	3571	3755
-10°	1062	1350	1634	1900	2165	2434	2686	2947	3174	3386	3571
-11.25°	929	1202	1481	1747	1999	2251	2500	2736	2971	3174	3359
-12.5°	796	1047	1313	1576	1822	2059	2296	2522	2736	2947	3124
-13.75°	659	885	1132	1388	1634	1860	2080	2296	2500	2686	2870
-15°	528	727	949	1186	1426	1653	1860	2059	2251	2434	2594
-16.25°	410	577	771	983	1204	1426	1634	1822	1999	2165	2322
-17.5°	304	439	602	786	983	1186	1388	1576	1747	1900	2042
-18.75°	219	318	448	602	771	949	1132	1313	1481	1634	1768
-20°	172	222	318	439	577	727	885	1047	1202	1350	1482
-21.25°	145	172	219	304	410	528	659	796	929	1062	1184



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	127	144	166	209	277	362	463	573	681	794	897
-23.75°	110	125	139	159	192	238	307	386	470	558	642
-25°	93	107	121	134	150	170	203	247	304	365	430
-26.25°	77	89	102	115	127	138	153	171	198	225	270
-27.5°	61	73	84	96	107	118	128	137	149	161	178
-28.75°	47	57	67	78	87	97	107	116	124	132	139
-30°	38	44	50	60	70	78	87	95	102	110	116
-31.25°	30	35	41	45	51	60	68	75	82	88	94
-32.5°	24	27	31	36	41	45	49	56	62	68	73
-33.75°	20	22	25	27	31	35	39	42	46	49	53
-35°	16	18	20	22	24	26	29	32	35	38	41
-36.25°	15	15	16	18	20	21	23	25	26	28	30
-37.5°	13	14	14	15	16	17	18	20	21	22	23
-38.75°	12	12	13	13	14	15	15	16	16	17	18
-40°	11	11	12	12	12	13	13	14	14	15	15
-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°	6	6	6	6	7	7	7	7	7	7	7
-53.75°	6	6	6	6	6	6	6	6	6	6	7
-55°	5	5	5	5	6	6	6	6	6	6	6
-56.25°	5	5	5	5	5	5	5	5	5	5	6
-57.5°	4	4	4	5	5	5	5	5	5	5	5
-58.75°	4	4	4	4	4	4	4	4	4	4	5
-60°	3	3	3	4	4	4	4	4	4	4	4
-61.25°	3	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	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	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°	6	6	6	6	6	6	6	6	6	6	6
55°	6	6	6	6	6	6	6	6	6	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	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°	14	14	14	14	14	15	15	15	14	14	14
40°	16	16	16	16	16	17	17	17	16	16	16
38.75°	19	20	21	21	22	22	22	22	22	21	21
37.5°	24	25	26	26	27	27	27	27	27	26	26
36.25°	32	34	35	36	37	38	38	38	37	36	35
35°	43	45	46	47	48	49	49	49	48	47	46



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	58	61	64	67	68	69	70	69	68	67	64
32.5°	78	82	85	87	89	90	90	90	89	87	85
31.25°	99	103	107	110	112	113	114	113	112	110	107
30°	121	126	130	133	135	137	137	137	135	133	130
28.75°	147	154	160	166	173	177	178	177	173	166	160
27.5°	197	213	231	251	266	275	278	275	266	251	231
26.25°	309	345	383	413	435	448	452	448	435	413	383
25°	486	546	596	635	663	680	686	680	663	635	596
23.75°	721	795	856	904	941	964	972	964	941	904	856
22.5°	996	1082	1153	1212	1255	1281	1289	1281	1255	1212	1153
21.25°	1295	1392	1470	1532	1577	1604	1613	1604	1577	1532	1470
20°	1598	1697	1776	1838	1883	1910	1919	1910	1883	1838	1776
18.75°	1884	1986	2072	2140	2190	2221	2231	2221	2190	2140	2072
17.5°	2169	2283	2379	2453	2506	2538	2548	2538	2506	2453	2379
16.25°	2461	2578	2677	2760	2821	2858	2871	2858	2821	2760	2677
15°	2743	2878	2986	3068	3127	3164	3176	3164	3127	3068	2986
13.75°	3026	3157	3266	3354	3417	3453	3465	3453	3417	3354	3266
12.5°	3282	3421	3530	3618	3677	3713	3725	3713	3677	3618	3530
11.25°	3520	3656	3765	3852	3915	3953	3966	3953	3915	3852	3765
10°	3730	3866	3981	4071	4137	4177	4191	4177	4137	4071	3981
8.75°	3917	4059	4179	4269	4337	4377	4390	4377	4337	4269	4179
7.5°	4086	4231	4352	4444	4513	4552	4565	4552	4513	4444	4352
6.25°	4231	4378	4500	4593	4658	4694	4706	4694	4658	4593	4500
5°	4352	4500	4621	4707	4764	4798	4810	4798	4764	4707	4621
3.75°	4444	4593	4707	4786	4838	4868	4874	4868	4838	4786	4707
2.5°	4513	4658	4764	4838	4880	4897	4901	4897	4880	4838	4764
1.25°	4552	4694	4798	4868	4897	4911	4918	4911	4897	4868	4798
0°	4565	4706	4810	4874	4901	4918	4935	4918	4901	4874	4810
-1.25°	4552	4694	4798	4868	4897	4911	4918	4911	4897	4868	4798
-2.5°	4513	4658	4764	4838	4880	4897	4901	4897	4880	4838	4764
-3.75°	4444	4593	4707	4786	4838	4868	4874	4868	4838	4786	4707
-5°	4352	4500	4621	4707	4764	4798	4810	4798	4764	4707	4621
-6.25°	4231	4378	4500	4593	4658	4694	4706	4694	4658	4593	4500
-7.5°	4086	4231	4352	4444	4513	4552	4565	4552	4513	4444	4352
-8.75°	3917	4059	4179	4269	4337	4377	4390	4377	4337	4269	4179
-10°	3730	3866	3981	4071	4137	4177	4191	4177	4137	4071	3981
-11.25°	3520	3656	3765	3852	3915	3953	3966	3953	3915	3852	3765
-12.5°	3282	3421	3530	3618	3677	3713	3725	3713	3677	3618	3530
-13.75°	3026	3157	3266	3354	3417	3453	3465	3453	3417	3354	3266
-15°	2743	2878	2986	3068	3127	3164	3176	3164	3127	3068	2986
-16.25°	2461	2578	2677	2760	2821	2858	2871	2858	2821	2760	2677
-17.5°	2169	2283	2379	2453	2506	2538	2548	2538	2506	2453	2379
-18.75°	1884	1986	2072	2140	2190	2221	2231	2221	2190	2140	2072
-20°	1598	1697	1776	1838	1883	1910	1919	1910	1883	1838	1776
-21.25°	1295	1392	1470	1532	1577	1604	1613	1604	1577	1532	1470



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	996	1082	1153	1212	1255	1281	1289	1281	1255	1212	1153
-23.75°	721	795	856	904	941	964	972	964	941	904	856
-25°	486	546	596	635	663	680	686	680	663	635	596
-26.25°	309	345	383	413	435	448	452	448	435	413	383
-27.5°	197	213	231	251	266	275	278	275	266	251	231
-28.75°	147	154	160	166	173	177	178	177	173	166	160
-30°	121	126	130	133	135	137	137	137	135	133	130
-31.25°	99	103	107	110	112	113	114	113	112	110	107
-32.5°	78	82	85	87	89	90	90	90	89	87	85
-33.75°	58	61	64	67	68	69	70	69	68	67	64
-35°	43	45	46	47	48	49	49	49	48	47	46
-36.25°	32	34	35	36	37	38	38	38	37	36	35
-37.5°	24	25	26	26	27	27	27	27	27	26	26
-38.75°	19	20	21	21	22	22	22	22	22	21	21
-40°	16	16	16	16	16	17	17	17	16	16	16
-41.25°	14	14	14	14	14	15	15	15	14	14	14
-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°	6	6	6	6	6	6	6	6	6	6	6
-56.25°	6	6	6	6	6	6	6	6	6	6	6
-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	4	4	4	4	4	4
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	3	3	2	2	2	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	3	2
61.25°	4	4	3	3	3	3	3	3	3	3	3
60°	4	4	4	4	4	4	4	4	4	4	3
58.75°	5	5	5	4	4	4	4	4	4	4	4
57.5°	5	5	5	5	5	5	5	5	5	5	4
56.25°	6	6	6	5	5	5	5	5	5	5	5
55°	6	6	6	6	6	6	6	6	6	5	5
53.75°	7	7	7	6	6	6	6	6	6	6	6
52.5°	7	7	7	7	7	7	7	7	7	6	6
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°	14	14	13	13	13	12	12	12	11	11	11
40°	16	16	15	15	14	14	13	13	12	12	12
38.75°	20	19	18	17	16	16	15	15	14	13	13
37.5°	25	24	23	22	21	20	18	17	16	15	14
36.25°	34	32	30	28	26	25	23	21	20	18	16
35°	45	43	41	38	35	32	29	26	24	22	20



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	61	58	53	49	46	42	39	35	31	27	25
32.5°	82	78	73	68	62	56	49	45	41	36	31
31.25°	103	99	94	88	82	75	68	60	51	45	41
30°	126	121	116	110	102	95	87	78	70	60	50
28.75°	154	147	139	132	124	116	107	97	87	78	67
27.5°	213	197	178	161	149	137	128	118	107	96	84
26.25°	345	309	270	225	198	171	153	138	127	115	102
25°	546	486	430	365	304	247	203	170	150	134	121
23.75°	795	721	642	558	470	386	307	238	192	159	139
22.5°	1082	996	897	794	681	573	463	362	277	209	166
21.25°	1392	1295	1184	1062	929	796	659	528	410	304	219
20°	1697	1598	1482	1350	1202	1047	885	727	577	439	318
18.75°	1986	1884	1768	1634	1481	1313	1132	949	771	602	448
17.5°	2283	2169	2042	1900	1747	1576	1388	1186	983	786	602
16.25°	2578	2461	2322	2165	1999	1822	1634	1426	1204	983	771
15°	2878	2743	2594	2434	2251	2059	1860	1653	1426	1186	949
13.75°	3157	3026	2870	2686	2500	2296	2080	1860	1634	1388	1132
12.5°	3421	3282	3124	2947	2736	2522	2296	2059	1822	1576	1313
11.25°	3656	3520	3359	3174	2971	2736	2500	2251	1999	1747	1481
10°	3866	3730	3571	3386	3174	2947	2686	2434	2165	1900	1634
8.75°	4059	3917	3755	3571	3359	3124	2870	2594	2322	2042	1768
7.5°	4231	4086	3917	3730	3520	3282	3026	2743	2461	2169	1884
6.25°	4378	4231	4059	3866	3656	3421	3157	2878	2578	2283	1986
5°	4500	4352	4179	3981	3765	3530	3266	2986	2677	2379	2072
3.75°	4593	4444	4269	4071	3852	3618	3354	3068	2760	2453	2140
2.5°	4658	4513	4337	4137	3915	3677	3417	3127	2821	2506	2190
1.25°	4694	4552	4377	4177	3953	3713	3453	3164	2858	2538	2221
0°	4706	4565	4390	4191	3966	3725	3465	3176	2871	2548	2231
-1.25°	4694	4552	4377	4177	3953	3713	3453	3164	2858	2538	2221
-2.5°	4658	4513	4337	4137	3915	3677	3417	3127	2821	2506	2190
-3.75°	4593	4444	4269	4071	3852	3618	3354	3068	2760	2453	2140
-5°	4500	4352	4179	3981	3765	3530	3266	2986	2677	2379	2072
-6.25°	4378	4231	4059	3866	3656	3421	3157	2878	2578	2283	1986
-7.5°	4231	4086	3917	3730	3520	3282	3026	2743	2461	2169	1884
-8.75°	4059	3917	3755	3571	3359	3124	2870	2594	2322	2042	1768
-10°	3866	3730	3571	3386	3174	2947	2686	2434	2165	1900	1634
-11.25°	3656	3520	3359	3174	2971	2736	2500	2251	1999	1747	1481
-12.5°	3421	3282	3124	2947	2736	2522	2296	2059	1822	1576	1313
-13.75°	3157	3026	2870	2686	2500	2296	2080	1860	1634	1388	1132
-15°	2878	2743	2594	2434	2251	2059	1860	1653	1426	1186	949
-16.25°	2578	2461	2322	2165	1999	1822	1634	1426	1204	983	771
-17.5°	2283	2169	2042	1900	1747	1576	1388	1186	983	786	602
-18.75°	1986	1884	1768	1634	1481	1313	1132	949	771	602	448
-20°	1697	1598	1482	1350	1202	1047	885	727	577	439	318
-21.25°	1392	1295	1184	1062	929	796	659	528	410	304	219



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	1082	996	897	794	681	573	463	362	277	209	166
-23.75°	795	721	642	558	470	386	307	238	192	159	139
-25°	546	486	430	365	304	247	203	170	150	134	121
-26.25°	345	309	270	225	198	171	153	138	127	115	102
-27.5°	213	197	178	161	149	137	128	118	107	96	84
-28.75°	154	147	139	132	124	116	107	97	87	78	67
-30°	126	121	116	110	102	95	87	78	70	60	50
-31.25°	103	99	94	88	82	75	68	60	51	45	41
-32.5°	82	78	73	68	62	56	49	45	41	36	31
-33.75°	61	58	53	49	46	42	39	35	31	27	25
-35°	45	43	41	38	35	32	29	26	24	22	20
-36.25°	34	32	30	28	26	25	23	21	20	18	16
-37.5°	25	24	23	22	21	20	18	17	16	15	14
-38.75°	20	19	18	17	16	16	15	15	14	13	13
-40°	16	16	15	15	14	14	13	13	12	12	12
-41.25°	14	14	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	6	6
-53.75°	7	7	7	6	6	6	6	6	6	6	6
-55°	6	6	6	6	6	6	6	6	6	5	5
-56.25°	6	6	6	5	5	5	5	5	5	5	5
-57.5°	5	5	5	5	5	5	5	5	5	5	4
-58.75°	5	5	5	4	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	4	4	3
-61.25°	4	4	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	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	3	3	3	3	2	2	2	2	2	2	2
60°	3	3	3	3	3	3	3	2	2	2	2
58.75°	4	4	4	3	3	3	3	3	3	3	2
57.5°	4	4	4	4	4	4	4	3	3	3	3
56.25°	5	5	5	4	4	4	4	4	4	3	3
55°	5	5	5	5	5	5	4	4	4	4	4
53.75°	6	6	5	5	5	5	5	5	5	4	4
52.5°	6	6	6	6	6	5	5	5	5	5	5
51.25°	7	7	6	6	6	6	6	6	5	5	5
50°	7	7	7	7	6	6	6	6	6	6	5
48.75°	8	7	7	7	7	7	7	6	6	6	6
47.5°	8	8	8	8	7	7	7	7	7	6	6
46.25°	9	8	8	8	8	8	7	7	7	7	6
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°	14	13	12	12	11	11	10	10	10	9	9
36.25°	15	15	14	13	12	12	11	10	10	10	9
35°	18	16	15	14	13	12	12	11	11	10	10



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	22	20	17	16	15	14	13	12	11	11	10
32.5°	27	24	22	19	16	15	14	13	12	11	11
31.25°	35	30	26	23	20	17	15	14	13	12	11
30°	44	38	33	27	24	21	17	16	14	13	12
28.75°	57	47	41	35	28	24	21	18	16	14	13
27.5°	73	61	49	43	36	29	24	21	17	15	14
26.25°	89	77	65	52	43	36	29	24	21	17	15
25°	107	93	80	66	53	43	36	28	24	20	16
23.75°	125	110	95	81	66	52	43	35	27	23	19
22.5°	144	127	111	95	80	65	49	41	33	26	22
21.25°	172	145	127	110	93	77	61	47	38	30	24
20°	222	172	144	125	107	89	73	57	44	35	27
18.75°	318	219	166	139	121	102	84	67	50	41	31
17.5°	439	304	209	159	134	115	96	78	60	45	36
16.25°	577	410	277	192	150	127	107	87	70	51	41
15°	727	528	362	238	170	138	118	97	78	60	45
13.75°	885	659	463	307	203	153	128	107	87	68	49
12.5°	1047	796	573	386	247	171	137	116	95	75	56
11.25°	1202	929	681	470	304	198	149	124	102	82	62
10°	1350	1062	794	558	365	225	161	132	110	88	68
8.75°	1482	1184	897	642	430	270	178	139	116	94	73
7.5°	1598	1295	996	721	486	309	197	147	121	99	78
6.25°	1697	1392	1082	795	546	345	213	154	126	103	82
5°	1776	1470	1153	856	596	383	231	160	130	107	85
3.75°	1838	1532	1212	904	635	413	251	166	133	110	87
2.5°	1883	1577	1255	941	663	435	266	173	135	112	89
1.25°	1910	1604	1281	964	680	448	275	177	137	113	90
0°	1919	1613	1289	972	686	452	278	178	137	114	90
-1.25°	1910	1604	1281	964	680	448	275	177	137	113	90
-2.5°	1883	1577	1255	941	663	435	266	173	135	112	89
-3.75°	1838	1532	1212	904	635	413	251	166	133	110	87
-5°	1776	1470	1153	856	596	383	231	160	130	107	85
-6.25°	1697	1392	1082	795	546	345	213	154	126	103	82
-7.5°	1598	1295	996	721	486	309	197	147	121	99	78
-8.75°	1482	1184	897	642	430	270	178	139	116	94	73
-10°	1350	1062	794	558	365	225	161	132	110	88	68
-11.25°	1202	929	681	470	304	198	149	124	102	82	62
-12.5°	1047	796	573	386	247	171	137	116	95	75	56
-13.75°	885	659	463	307	203	153	128	107	87	68	49
-15°	727	528	362	238	170	138	118	97	78	60	45
-16.25°	577	410	277	192	150	127	107	87	70	51	41
-17.5°	439	304	209	159	134	115	96	78	60	45	36
-18.75°	318	219	166	139	121	102	84	67	50	41	31
-20°	222	172	144	125	107	89	73	57	44	35	27
-21.25°	172	145	127	110	93	77	61	47	38	30	24



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	144	127	111	95	80	65	49	41	33	26	22
-23.75°	125	110	95	81	66	52	43	35	27	23	19
-25°	107	93	80	66	53	43	36	28	24	20	16
-26.25°	89	77	65	52	43	36	29	24	21	17	15
-27.5°	73	61	49	43	36	29	24	21	17	15	14
-28.75°	57	47	41	35	28	24	21	18	16	14	13
-30°	44	38	33	27	24	21	17	16	14	13	12
-31.25°	35	30	26	23	20	17	15	14	13	12	11
-32.5°	27	24	22	19	16	15	14	13	12	11	11
-33.75°	22	20	17	16	15	14	13	12	11	11	10
-35°	18	16	15	14	13	12	12	11	11	10	10
-36.25°	15	15	14	13	12	12	11	10	10	10	9
-37.5°	14	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	6
-47.5°	8	8	8	8	7	7	7	7	7	6	6
-48.75°	8	7	7	7	7	7	7	6	6	6	6
-50°	7	7	7	7	6	6	6	6	6	6	5
-51.25°	7	7	6	6	6	6	6	6	5	5	5
-52.5°	6	6	6	6	6	5	5	5	5	5	5
-53.75°	6	6	5	5	5	5	5	5	5	4	4
-55°	5	5	5	5	5	5	4	4	4	4	4
-56.25°	5	5	5	4	4	4	4	4	4	3	3
-57.5°	4	4	4	4	4	4	4	3	3	3	3
-58.75°	4	4	4	3	3	3	3	3	3	3	2
-60°	3	3	3	3	3	3	3	2	2	2	2
-61.25°	3	3	3	3	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	2	2	2	2	2	2	2	1	1	1	1
60°	2	2	2	2	2	2	2	2	2	1	1
58.75°	2	2	2	2	2	2	2	2	2	2	1
57.5°	3	3	2	2	2	2	2	2	2	2	2
56.25°	3	3	3	3	2	2	2	2	2	2	2
55°	4	3	3	3	3	3	2	2	2	2	2
53.75°	4	4	4	3	3	3	3	2	2	2	2
52.5°	4	4	4	4	3	3	3	3	3	2	2
51.25°	5	5	4	4	4	4	3	3	3	3	2
50°	5	5	5	4	4	4	4	3	3	3	3
48.75°	5	5	5	5	5	4	4	4	4	3	3
47.5°	6	6	5	5	5	5	4	4	4	4	3
46.25°	6	6	6	6	5	5	5	4	4	4	4
45°	7	6	6	6	6	5	5	5	4	4	4
43.75°	7	7	6	6	6	6	5	5	5	4	4
42.5°	7	7	7	7	6	6	6	5	5	5	4
41.25°	8	8	7	7	7	6	6	6	5	5	5
40°	8	8	8	7	7	7	6	6	6	5	5
38.75°	8	8	8	8	7	7	7	6	6	6	5
37.5°	9	9	8	8	8	7	7	7	6	6	6
36.25°	9	9	9	8	8	8	7	7	6	6	6
35°	9	9	9	9	8	8	8	7	7	6	6



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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	6
32.5°	10	10	9	9	9	8	8	8	7	7	6
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°	14	12	12	11	10	10	9	9	8	8	8
25°	15	13	12	11	10	10	9	9	9	8	8
23.75°	16	14	13	12	11	10	10	9	9	8	8
22.5°	17	15	14	12	11	10	10	9	9	9	8
21.25°	20	16	15	13	12	11	10	10	9	9	8
20°	22	18	15	14	12	11	10	10	9	9	9
18.75°	25	20	16	14	13	12	11	10	10	9	9
17.5°	27	22	18	15	13	12	11	10	10	9	9
16.25°	31	24	20	16	14	12	11	10	10	9	9
15°	35	26	21	17	15	13	12	11	10	10	9
13.75°	39	29	23	18	15	13	12	11	10	10	9
12.5°	42	32	25	20	16	14	12	11	10	10	9
11.25°	46	35	26	21	16	14	13	12	10	10	9
10°	49	38	28	22	17	15	13	12	11	10	9
8.75°	53	41	30	23	18	15	13	12	11	10	10
7.5°	58	43	32	24	19	16	14	12	11	10	10
6.25°	61	45	34	25	20	16	14	12	11	10	10
5°	64	46	35	26	21	16	14	12	11	10	10
3.75°	67	47	36	26	21	16	14	12	11	10	10
2.5°	68	48	37	27	22	16	14	12	11	10	10
1.25°	69	49	38	27	22	17	15	12	11	10	10
0°	70	49	38	27	22	17	15	13	11	10	10
-1.25°	69	49	38	27	22	17	15	12	11	10	10
-2.5°	68	48	37	27	22	16	14	12	11	10	10
-3.75°	67	47	36	26	21	16	14	12	11	10	10
-5°	64	46	35	26	21	16	14	12	11	10	10
-6.25°	61	45	34	25	20	16	14	12	11	10	10
-7.5°	58	43	32	24	19	16	14	12	11	10	10
-8.75°	53	41	30	23	18	15	13	12	11	10	10
-10°	49	38	28	22	17	15	13	12	11	10	9
-11.25°	46	35	26	21	16	14	13	12	10	10	9
-12.5°	42	32	25	20	16	14	12	11	10	10	9
-13.75°	39	29	23	18	15	13	12	11	10	10	9
-15°	35	26	21	17	15	13	12	11	10	10	9
-16.25°	31	24	20	16	14	12	11	10	10	9	9
-17.5°	27	22	18	15	13	12	11	10	10	9	9
-18.75°	25	20	16	14	13	12	11	10	10	9	9
-20°	22	18	15	14	12	11	10	10	9	9	9
-21.25°	20	16	15	13	12	11	10	10	9	9	8



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	17	15	14	12	11	10	10	9	9	9	8
-23.75°	16	14	13	12	11	10	10	9	9	8	8
-25°	15	13	12	11	10	10	9	9	9	8	8
-26.25°	14	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	6
-33.75°	10	9	9	9	8	8	8	7	7	7	6
-35°	9	9	9	9	8	8	8	7	7	6	6
-36.25°	9	9	9	8	8	8	7	7	6	6	6
-37.5°	9	9	8	8	8	7	7	7	6	6	6
-38.75°	8	8	8	8	7	7	7	6	6	6	5
-40°	8	8	8	7	7	7	6	6	6	5	5
-41.25°	8	8	7	7	7	6	6	6	5	5	5
-42.5°	7	7	7	7	6	6	6	5	5	5	4
-43.75°	7	7	6	6	6	6	5	5	5	4	4
-45°	7	6	6	6	6	5	5	5	4	4	4
-46.25°	6	6	6	6	5	5	5	4	4	4	4
-47.5°	6	6	5	5	5	5	4	4	4	4	3
-48.75°	5	5	5	5	5	4	4	4	4	3	3
-50°	5	5	5	4	4	4	4	3	3	3	3
-51.25°	5	5	4	4	4	4	3	3	3	3	2
-52.5°	4	4	4	4	3	3	3	3	3	2	2
-53.75°	4	4	4	3	3	3	3	2	2	2	2
-55°	4	3	3	3	3	3	2	2	2	2	2
-56.25°	3	3	3	3	2	2	2	2	2	2	2
-57.5°	3	3	2	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	1
-60°	2	2	2	2	2	2	2	2	2	1	1
-61.25°	2	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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	6	5	5	5	4	4	4	3	3	2	2
32.5°	6	6	5	5	5	4	4	3	3	2	2
31.25°	6	6	6	5	5	4	4	3	3	3	2
30°	7	6	6	5	5	5	4	4	3	3	2
28.75°	7	6	6	6	5	5	4	4	3	3	2
27.5°	7	7	6	6	5	5	4	4	4	3	3
26.25°	7	7	6	6	5	5	5	4	4	3	3
25°	7	7	6	6	6	5	5	4	4	3	3
23.75°	8	7	7	6	6	5	5	4	4	3	3
22.5°	8	7	7	6	6	5	5	5	4	4	3
21.25°	8	7	7	7	6	6	5	5	4	4	3
20°	8	8	7	7	6	6	5	5	4	4	3
18.75°	8	8	7	7	6	6	5	5	4	4	3
17.5°	8	8	7	7	6	6	5	5	5	4	4
16.25°	8	8	8	7	7	6	6	5	5	4	4
15°	9	8	8	7	7	6	6	5	5	4	4
13.75°	9	8	8	7	7	6	6	5	5	4	4
12.5°	9	8	8	7	7	6	6	5	5	4	4
11.25°	9	8	8	7	7	6	6	5	5	4	4
10°	9	8	8	8	7	6	6	5	5	4	4
8.75°	9	9	8	8	7	7	6	6	5	5	4
7.5°	9	9	8	8	7	7	6	6	5	5	4
6.25°	9	9	8	8	7	7	6	6	5	5	4
5°	9	9	8	8	7	7	6	6	5	5	4
3.75°	9	9	8	8	7	7	6	6	5	5	4
2.5°	9	9	8	8	7	7	6	6	5	5	4
1.25°	9	9	8	8	7	7	6	6	5	5	4
0°	9	9	8	8	7	7	6	6	5	5	4
-1.25°	9	9	8	8	7	7	6	6	5	5	4
-2.5°	9	9	8	8	7	7	6	6	5	5	4
-3.75°	9	9	8	8	7	7	6	6	5	5	4
-5°	9	9	8	8	7	7	6	6	5	5	4
-6.25°	9	9	8	8	7	7	6	6	5	5	4
-7.5°	9	9	8	8	7	7	6	6	5	5	4
-8.75°	9	9	8	8	7	7	6	6	5	5	4
-10°	9	8	8	8	7	6	6	5	5	4	4
-11.25°	9	8	8	7	7	6	6	5	5	4	4
-12.5°	9	8	8	7	7	6	6	5	5	4	4
-13.75°	9	8	8	7	7	6	6	5	5	4	4
-15°	9	8	8	7	7	6	6	5	5	4	4
-16.25°	8	8	8	7	7	6	6	5	5	4	4
-17.5°	8	8	7	7	6	6	5	5	5	4	4
-18.75°	8	8	7	7	6	6	5	5	4	4	3
-20°	8	8	7	7	6	6	5	5	4	4	3
-21.25°	8	7	7	7	6	6	5	5	4	4	3



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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	6	6	5	5	5	4	4	3
-23.75°	8	7	7	6	6	5	5	4	4	3	3
-25°	7	7	6	6	6	5	5	4	4	3	3
-26.25°	7	7	6	6	5	5	5	4	4	3	3
-27.5°	7	7	6	6	5	5	4	4	4	3	3
-28.75°	7	6	6	6	5	5	4	4	3	3	2
-30°	7	6	6	5	5	5	4	4	3	3	2
-31.25°	6	6	6	5	5	4	4	3	3	3	2
-32.5°	6	6	5	5	5	4	4	3	3	2	2
-33.75°	6	5	5	5	4	4	4	3	3	2	2
-35°	6	5	5	5	4	4	3	3	3	2	2
-36.25°	5	5	5	4	4	4	3	3	2	2	2
-37.5°	5	5	4	4	4	3	3	3	2	2	2
-38.75°	5	5	4	4	3	3	3	2	2	2	2
-40°	5	4	4	4	3	3	3	2	2	2	2
-41.25°	4	4	4	3	3	3	2	2	2	2	2
-42.5°	4	4	3	3	3	2	2	2	2	2	2
-43.75°	4	4	3	3	3	2	2	2	2	2	2
-45°	4	3	3	3	2	2	2	2	2	2	1
-46.25°	3	3	3	2	2	2	2	2	2	1	1
-47.5°	3	3	2	2	2	2	2	2	2	1	1
-48.75°	3	2	2	2	2	2	2	2	1	1	1
-50°	2	2	2	2	2	2	2	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	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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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°	3	2	2	2	2	1	1	1	1	0	0
-23.75°	3	2	2	2	2	1	1	1	1	0	0
-25°	2	2	2	2	2	1	1	1	1	0	0
-26.25°	2	2	2	2	2	1	1	1	1	0	0
-27.5°	2	2	2	2	1	1	1	1	1	0	0
-28.75°	2	2	2	2	1	1	1	1	1	0	0
-30°	2	2	2	2	1	1	1	1	0	0	0
-31.25°	2	2	2	2	1	1	1	1	0	0	0
-32.5°	2	2	2	1	1	1	1	1	0	0	0
-33.75°	2	2	2	1	1	1	1	1	0	0	0
-35°	2	2	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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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: P220547 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-F-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)