

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: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

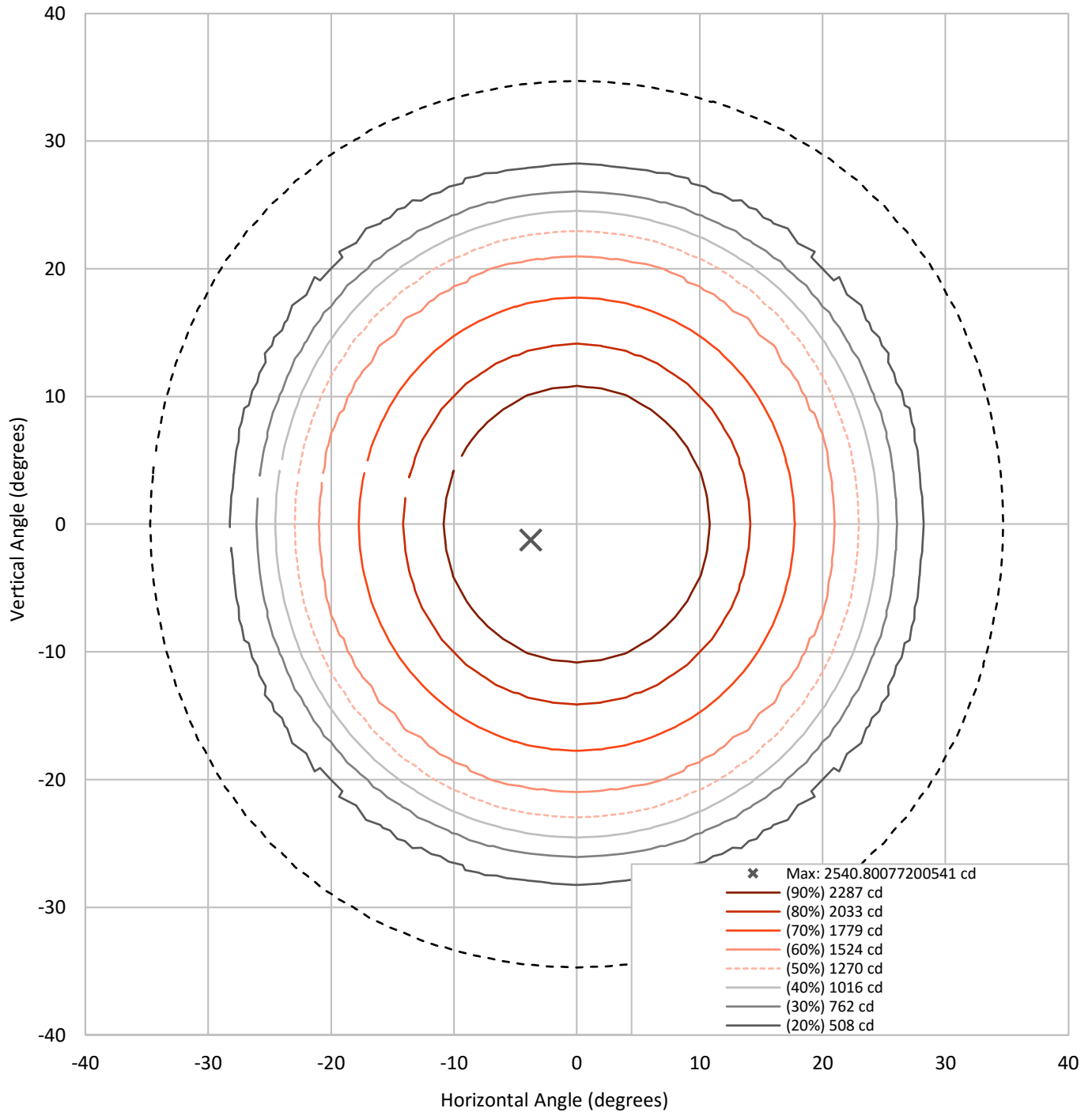
Test Method: LM-79-08
Report Number: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29475)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, WIDE
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:	1420.6 lumens	Max Intensity:	2540.8 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	70.7 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	46°H x 45.5°V	Field Angle (10%):	69.2°H x 69°V
Beam Lumens:	960.4 lumens	Field Lumens:	1301.7 lumens
Beam Efficiency:	67.6%	Field Efficiency:	91.6%
Input Watts (W):	20.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

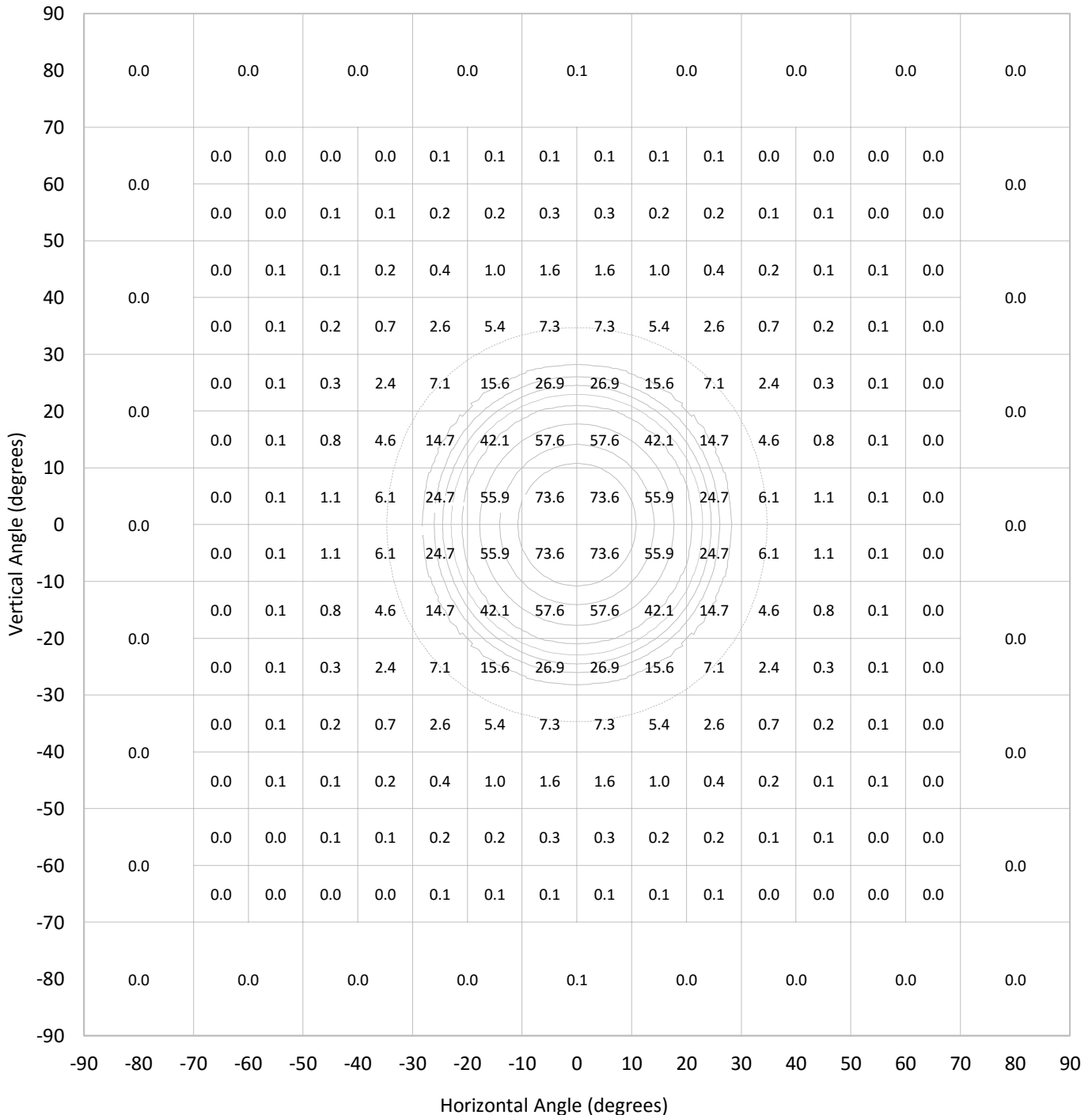
Iso-Candela Plot





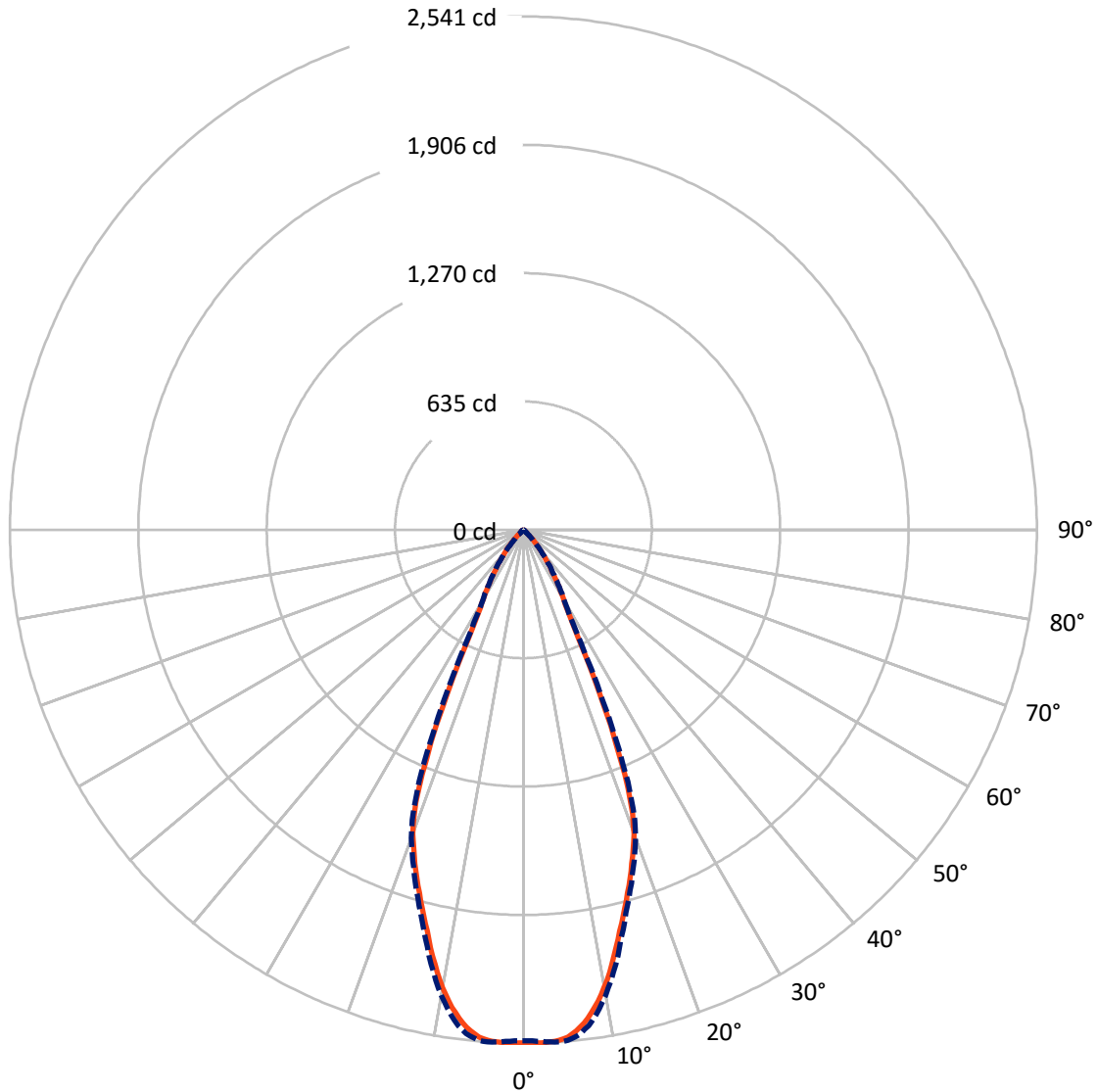
REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

Lumen Table



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

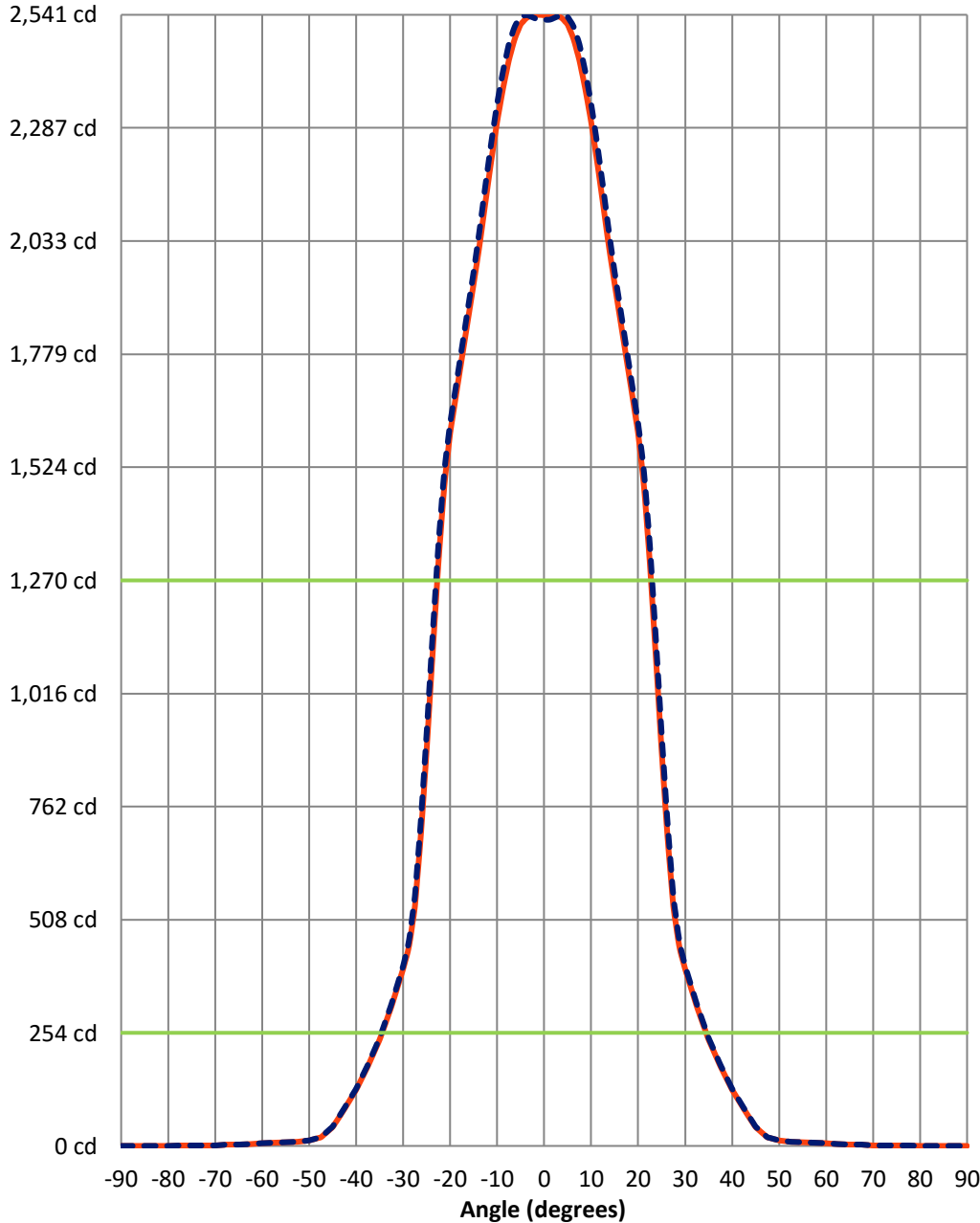
Luminous Intensity Polar Plot



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

REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

Luminous Intensity Plot



Beam:
H Angle: 46°
V Angle: 45.5°
Lumens: 960.4
Efficiency: 67.6%

Field:
H Angle: 69.2°
V Angle: 69°
Lumens: 1301.7
Efficiency: 91.6%

Spill:
Lumens: 118.8
Efficiency: 8.4%

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

FIELD
 BEAM

CANDELA DISTRIBUTION:

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
33.75°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
31.25°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
28.75°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
26.25°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	1
23.75°	0	0	0	0	0	0	0	0	0	0	1
22.5°	0	0	0	0	0	0	0	0	0	0	1
21.25°	0	0	0	0	0	0	0	0	0	0	1
20°	0	0	0	0	0	0	0	0	0	0	1
18.75°	0	0	0	0	0	0	0	0	0	0	1
17.5°	0	0	0	0	0	0	0	0	0	0	1
16.25°	0	0	0	0	0	0	0	0	0	0	1
15°	0	0	0	0	0	0	0	0	0	0	1
13.75°	0	0	0	0	0	0	0	0	0	0	1
12.5°	0	0	0	0	0	0	0	0	0	0	1
11.25°	0	0	0	0	0	0	0	0	0	0	1
10°	0	0	0	0	0	0	0	0	0	0	1
8.75°	0	0	0	0	0	0	0	0	0	0	1
7.5°	0	0	0	0	0	0	0	0	0	0	1
6.25°	0	0	0	0	0	0	0	0	0	0	1
5°	0	0	0	0	0	0	0	0	0	0	1
3.75°	0	0	0	0	0	0	0	0	0	0	1
2.5°	0	0	0	0	0	0	0	0	0	0	1
1.25°	0	0	0	0	0	0	0	0	0	0	1
0°	0	0	0	0	0	0	0	0	0	1	1
-1.25°	0	0	0	0	0	0	0	0	0	1	1
-2.5°	0	0	0	0	0	0	0	0	0	0	1
-3.75°	0	0	0	0	0	0	0	0	0	0	1
-5°	0	0	0	0	0	0	0	0	0	0	1
-6.25°	0	0	0	0	0	0	0	0	0	0	1
-7.5°	0	0	0	0	0	0	0	0	0	0	1
-8.75°	0	0	0	0	0	0	0	0	0	0	1
-10°	0	0	0	0	0	0	0	0	0	0	1
-11.25°	0	0	0	0	0	0	0	0	0	0	1
-12.5°	0	0	0	0	0	0	0	0	0	0	1
-13.75°	0	0	0	0	0	0	0	0	0	0	1
-15°	0	0	0	0	0	0	0	0	0	0	1
-16.25°	0	0	0	0	0	0	0	0	0	0	1
-17.5°	0	0	0	0	0	0	0	0	0	0	1
-18.75°	0	0	0	0	0	0	0	0	0	0	1
-20°	0	0	0	0	0	0	0	0	0	0	1
-21.25°	0	0	0	0	0	0	0	0	0	0	1



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-90°	-88.75°	-87.5°	-86.25°	-85°	-83.75°	-82.5°	-81.25°	-80°	-78.75°	-77.5°
-22.5°	0	0	0	0	0	0	0	0	0	0	1
-23.75°	0	0	0	0	0	0	0	0	0	0	1
-25°	0	0	0	0	0	0	0	0	0	0	1
-26.25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-28.75°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-31.25°	0	0	0	0	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-33.75°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-36.25°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-38.75°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	3	3	3	3	4	4	5	6	6	7	7
32.5°	3	3	3	4	4	5	5	6	7	7	7
31.25°	3	3	3	4	4	5	6	6	7	7	8
30°	3	3	3	4	4	5	6	7	7	7	8
28.75°	3	3	4	4	5	6	6	7	7	8	8
27.5°	3	3	4	4	5	6	6	7	7	8	8
26.25°	3	3	4	4	5	6	7	7	8	8	8
25°	3	3	4	5	6	6	7	7	8	8	9
23.75°	3	4	4	5	6	6	7	7	8	8	9
22.5°	3	4	4	5	6	7	7	8	8	8	9
21.25°	3	4	4	5	6	7	7	8	8	9	9
20°	3	4	5	6	6	7	7	8	8	9	9
18.75°	4	4	5	6	6	7	7	8	8	9	9
17.5°	4	4	5	6	7	7	8	8	8	9	10
16.25°	4	4	5	6	7	7	8	8	9	9	10
15°	4	4	5	6	7	7	8	8	9	9	10
13.75°	4	4	5	6	7	7	8	8	9	9	11
12.5°	4	5	6	6	7	7	8	8	9	10	11
11.25°	4	5	6	6	7	8	8	8	9	10	11
10°	4	5	6	7	7	8	8	9	9	10	12
8.75°	4	5	6	7	7	8	8	9	9	10	12
7.5°	4	5	6	7	7	8	8	9	9	10	12
6.25°	4	5	6	7	7	8	8	9	9	11	12
5°	4	5	6	7	7	8	8	9	9	11	12
3.75°	4	5	6	7	7	8	8	9	9	11	12
2.5°	4	5	6	7	7	8	8	9	9	11	12
1.25°	4	5	6	7	7	8	8	9	9	11	12
0°	4	5	6	7	7	8	8	9	9	11	13
-1.25°	4	5	6	7	7	8	8	9	9	11	13
-2.5°	4	5	6	7	7	8	8	9	9	11	12
-3.75°	4	5	6	7	7	8	8	9	9	11	12
-5°	4	5	6	7	7	8	8	9	9	11	12
-6.25°	4	5	6	7	7	8	8	9	9	11	12
-7.5°	4	5	6	7	7	8	8	9	9	10	12
-8.75°	4	5	6	7	7	8	8	9	9	10	12
-10°	4	5	6	7	7	8	8	9	9	10	12
-11.25°	4	5	6	6	7	8	8	8	9	10	11
-12.5°	4	5	6	6	7	7	8	8	9	10	11
-13.75°	4	4	5	6	7	7	8	8	9	9	11
-15°	4	4	5	6	7	7	8	8	9	9	10
-16.25°	4	4	5	6	7	7	8	8	9	9	10
-17.5°	4	4	5	6	7	7	8	8	8	9	10
-18.75°	4	4	5	6	6	7	7	8	8	9	9
-20°	3	4	5	6	6	7	7	8	8	9	9
-21.25°	3	4	4	5	6	7	7	8	8	9	9



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
-22.5°	3	4	4	5	6	7	7	8	8	8	9
-23.75°	3	4	4	5	6	6	7	7	8	8	9
-25°	3	3	4	5	6	6	7	7	8	8	9
-26.25°	3	3	4	4	5	6	7	7	8	8	8
-27.5°	3	3	4	4	5	6	6	7	7	8	8
-28.75°	3	3	4	4	5	6	6	7	7	8	8
-30°	3	3	3	4	4	5	6	7	7	7	8
-31.25°	3	3	3	4	4	5	6	6	7	7	8
-32.5°	3	3	3	4	4	5	5	6	7	7	7
-33.75°	3	3	3	3	4	4	5	6	6	7	7
-35°	3	3	3	3	4	4	5	5	6	7	7
-36.25°	3	3	3	3	3	4	4	5	6	6	7
-37.5°	2	3	3	3	3	4	4	5	5	6	6
-38.75°	2	3	3	3	3	3	4	4	5	6	6
-40°	2	2	3	3	3	3	4	4	4	5	6
-41.25°	1	2	3	3	3	3	3	4	4	5	5
-42.5°	1	2	2	3	3	3	3	3	4	4	5
-43.75°	1	1	2	3	3	3	3	3	4	4	4
-45°	1	1	2	2	3	3	3	3	3	4	4
-46.25°	1	1	1	2	3	3	3	3	3	3	4
-47.5°	1	1	1	1	2	3	3	3	3	3	3
-48.75°	1	1	1	1	2	2	3	3	3	3	3
-50°	1	1	1	1	1	2	2	3	3	3	3
-51.25°	1	1	1	1	1	1	2	2	3	3	3
-52.5°	1	1	1	1	1	1	1	2	2	3	3
-53.75°	1	1	1	1	1	1	1	1	2	2	3
-55°	1	1	1	1	1	1	1	1	1	2	2
-56.25°	1	1	1	1	1	1	1	1	1	1	2
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	0	0	1	1	1	1	1	1	1	1	1
-67.5°	0	0	0	1	1	1	1	1	1	1	1
-68.75°	0	0	0	0	0	1	1	1	1	1	1
-70°	0	0	0	0	0	0	1	1	1	1	1
-71.25°	0	0	0	0	0	0	0	0	1	1	1
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	8	8	8	9	9	10	11	12	14	16	19
32.5°	8	8	9	9	9	11	12	13	16	18	23
31.25°	8	8	9	9	10	11	12	15	18	22	30
30°	8	9	9	10	11	12	14	17	20	28	37
28.75°	8	9	9	10	12	13	16	19	26	35	44
27.5°	9	9	10	11	12	15	18	23	32	41	55
26.25°	9	9	10	12	14	17	19	28	38	50	66
25°	9	10	11	12	15	18	24	34	43	60	76
23.75°	9	10	12	13	17	20	29	39	53	70	86
22.5°	9	11	12	15	18	24	34	44	62	79	97
21.25°	10	11	13	16	19	28	39	53	71	88	107
20°	10	12	14	17	22	33	43	61	79	97	116
18.75°	11	12	15	18	26	37	50	69	87	106	125
17.5°	11	13	16	19	30	41	57	76	95	114	135
16.25°	12	14	17	22	33	45	64	83	102	122	145
15°	12	15	18	25	36	50	70	89	109	129	154
13.75°	12	15	19	28	39	56	75	95	116	138	163
12.5°	13	16	20	31	42	61	81	101	122	145	171
11.25°	13	17	22	33	45	65	85	106	127	152	178
10°	14	17	24	35	49	70	90	111	133	159	185
8.75°	14	18	26	37	53	73	94	115	138	164	191
7.5°	15	18	27	39	56	76	97	119	143	169	197
6.25°	15	19	29	40	58	79	100	122	147	173	202
5°	16	19	30	42	61	81	103	124	150	177	206
3.75°	16	19	31	42	62	83	105	126	153	179	209
2.5°	16	20	31	43	63	84	106	128	154	181	211
1.25°	16	20	32	43	64	85	107	129	155	182	213
0°	16	20	32	44	64	85	107	129	156	183	213
-1.25°	16	20	32	43	64	85	107	129	155	182	213
-2.5°	16	20	31	43	63	84	106	128	154	181	211
-3.75°	16	19	31	42	62	83	105	126	153	179	209
-5°	16	19	30	42	61	81	103	124	150	177	206
-6.25°	15	19	29	40	58	79	100	122	147	173	202
-7.5°	15	18	27	39	56	76	97	119	143	169	197
-8.75°	14	18	26	37	53	73	94	115	138	164	191
-10°	14	17	24	35	49	70	90	111	133	159	185
-11.25°	13	17	22	33	45	65	85	106	127	152	178
-12.5°	13	16	20	31	42	61	81	101	122	145	171
-13.75°	12	15	19	28	39	56	75	95	116	138	163
-15°	12	15	18	25	36	50	70	89	109	129	154
-16.25°	12	14	17	22	33	45	64	83	102	122	145
-17.5°	11	13	16	19	30	41	57	76	95	114	135
-18.75°	11	12	15	18	26	37	50	69	87	106	125
-20°	10	12	14	17	22	33	43	61	79	97	116
-21.25°	10	11	13	16	19	28	39	53	71	88	107



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
-22.5°	9	11	12	15	18	24	34	44	62	79	97
-23.75°	9	10	12	13	17	20	29	39	53	70	86
-25°	9	10	11	12	15	18	24	34	43	60	76
-26.25°	9	9	10	12	14	17	19	28	38	50	66
-27.5°	9	9	10	11	12	15	18	23	32	41	55
-28.75°	8	9	9	10	12	13	16	19	26	35	44
-30°	8	9	9	10	11	12	14	17	20	28	37
-31.25°	8	8	9	9	10	11	12	15	18	22	30
-32.5°	8	8	9	9	9	11	12	13	16	18	23
-33.75°	8	8	8	9	9	10	11	12	14	16	19
-35°	7	8	8	8	9	9	10	11	12	14	16
-36.25°	7	8	8	8	9	9	9	10	11	12	14
-37.5°	7	7	8	8	8	9	9	9	10	11	12
-38.75°	7	7	7	8	8	8	9	9	9	10	11
-40°	6	7	7	7	8	8	8	9	9	9	10
-41.25°	6	6	7	7	7	8	8	8	9	9	9
-42.5°	5	6	6	7	7	7	8	8	8	9	9
-43.75°	5	6	6	7	7	7	7	8	8	8	9
-45°	4	5	6	6	7	7	7	7	8	8	8
-46.25°	4	4	5	6	6	6	7	7	7	8	8
-47.5°	4	4	4	5	6	6	6	7	7	7	8
-48.75°	3	4	4	4	5	5	6	6	7	7	7
-50°	3	3	4	4	4	5	5	6	6	6	7
-51.25°	3	3	3	4	4	4	5	5	6	6	6
-52.5°	3	3	3	3	4	4	4	4	5	5	6
-53.75°	3	3	3	3	3	3	4	4	4	5	5
-55°	3	3	3	3	3	3	3	4	4	4	4
-56.25°	2	3	3	3	3	3	3	3	3	4	4
-57.5°	2	2	3	3	3	3	3	3	3	3	3
-58.75°	1	1	2	2	3	3	3	3	3	3	3
-60°	1	1	1	2	2	2	3	3	3	3	3
-61.25°	1	1	1	1	1	2	2	2	3	3	3
-62.5°	1	1	1	1	1	1	1	2	2	2	3
-63.75°	1	1	1	1	1	1	1	1	1	1	2
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	1	1	1	1	1	1	1	1
-75°	0	0	0	0	0	0	0	1	1	1	1
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	1	1	1
76.25°	0	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	2
66.25°	1	1	1	1	1	2	2	2	2	2	3
65°	1	1	2	2	2	2	3	3	3	3	3
63.75°	2	2	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	3	3	3	3	3	3	3	3	3	4	4
60°	3	3	3	3	3	4	4	4	4	4	4
58.75°	3	3	4	4	4	4	4	4	5	5	5
57.5°	4	4	4	4	4	5	5	5	6	6	6
56.25°	4	4	5	5	5	6	6	6	6	6	7
55°	5	5	5	6	6	6	6	7	7	7	7
53.75°	5	6	6	6	7	7	7	7	7	7	8
52.5°	6	6	7	7	7	7	7	8	8	8	8
51.25°	7	7	7	7	7	8	8	8	8	8	8
50°	7	7	7	8	8	8	8	8	9	9	9
48.75°	7	8	8	8	8	8	9	9	9	9	9
47.5°	8	8	8	8	9	9	9	9	10	10	11
46.25°	8	8	9	9	9	9	10	10	11	12	12
45°	8	9	9	9	10	10	11	12	12	13	15
43.75°	9	9	9	10	11	12	12	14	15	17	18
42.5°	9	10	11	11	12	13	15	17	18	20	24
41.25°	10	11	12	12	14	16	18	19	24	29	34
40°	11	12	13	15	17	19	23	28	34	39	44
38.75°	12	14	16	18	20	26	32	38	43	53	62
37.5°	14	16	18	22	28	35	41	50	60	70	79
36.25°	16	19	23	30	37	44	55	66	76	86	97
35°	19	24	31	38	47	59	70	82	93	104	115

REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
33.75°	24	32	39	49	61	74	86	98	110	121	133
32.5°	31	39	49	63	76	88	101	114	126	140	154
31.25°	38	49	63	76	90	103	117	130	146	161	176
30°	47	61	76	90	104	118	133	150	166	181	198
28.75°	59	74	88	103	118	134	151	169	186	204	221
27.5°	70	86	101	117	133	151	170	188	207	226	244
26.25°	82	98	114	130	150	169	188	208	228	248	272
25°	93	110	126	146	166	186	207	228	250	275	299
23.75°	104	121	140	161	181	204	226	248	275	301	327
22.5°	115	133	154	176	198	221	244	272	299	327	357
21.25°	125	146	168	191	215	238	266	295	324	355	386
20°	136	159	181	206	230	257	287	317	350	382	415
18.75°	148	171	195	220	246	277	308	341	375	408	446
17.5°	158	182	208	234	264	296	328	364	399	437	494
16.25°	169	194	221	248	281	313	349	386	424	476	563
15°	179	205	232	263	297	332	369	406	451	524	645
13.75°	188	216	243	278	312	349	388	429	488	592	740
12.5°	197	225	256	291	327	366	405	452	534	668	836
11.25°	206	234	268	303	341	381	423	483	590	746	928
10°	214	242	278	314	354	395	440	512	648	823	1017
8.75°	220	251	288	325	366	407	460	556	709	895	1097
7.5°	226	259	296	334	376	420	481	594	762	960	1166
6.25°	231	266	303	343	385	430	499	629	813	1017	1224
5°	236	271	309	350	392	439	517	665	855	1065	1273
3.75°	239	275	313	355	398	446	537	693	889	1103	1309
2.5°	241	279	316	359	402	454	552	714	913	1129	1334
1.25°	243	280	318	361	404	459	561	726	927	1144	1350
0°	243	281	319	362	405	460	564	730	932	1150	1355
-1.25°	243	280	318	361	404	459	561	726	927	1144	1350
-2.5°	241	279	316	359	402	454	552	714	913	1129	1334
-3.75°	239	275	313	355	398	446	537	693	889	1103	1309
-5°	236	271	309	350	392	439	517	665	855	1065	1273
-6.25°	231	266	303	343	385	430	499	629	813	1017	1224
-7.5°	226	259	296	334	376	420	481	594	762	960	1166
-8.75°	220	251	288	325	366	407	460	556	709	895	1097
-10°	214	242	278	314	354	395	440	512	648	823	1017
-11.25°	206	234	268	303	341	381	423	483	590	746	928
-12.5°	197	225	256	291	327	366	405	452	534	668	836
-13.75°	188	216	243	278	312	349	388	429	488	592	740
-15°	179	205	232	263	297	332	369	406	451	524	645
-16.25°	169	194	221	248	281	313	349	386	424	476	563
-17.5°	158	182	208	234	264	296	328	364	399	437	494
-18.75°	148	171	195	220	246	277	308	341	375	408	446
-20°	136	159	181	206	230	257	287	317	350	382	415
-21.25°	125	146	168	191	215	238	266	295	324	355	386



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
-22.5°	115	133	154	176	198	221	244	272	299	327	357
-23.75°	104	121	140	161	181	204	226	248	275	301	327
-25°	93	110	126	146	166	186	207	228	250	275	299
-26.25°	82	98	114	130	150	169	188	208	228	248	272
-27.5°	70	86	101	117	133	151	170	188	207	226	244
-28.75°	59	74	88	103	118	134	151	169	186	204	221
-30°	47	61	76	90	104	118	133	150	166	181	198
-31.25°	38	49	63	76	90	103	117	130	146	161	176
-32.5°	31	39	49	63	76	88	101	114	126	140	154
-33.75°	24	32	39	49	61	74	86	98	110	121	133
-35°	19	24	31	38	47	59	70	82	93	104	115
-36.25°	16	19	23	30	37	44	55	66	76	86	97
-37.5°	14	16	18	22	28	35	41	50	60	70	79
-38.75°	12	14	16	18	20	26	32	38	43	53	62
-40°	11	12	13	15	17	19	23	28	34	39	44
-41.25°	10	11	12	12	14	16	18	19	24	29	34
-42.5°	9	10	11	11	12	13	15	17	18	20	24
-43.75°	9	9	9	10	11	12	12	14	15	17	18
-45°	8	9	9	9	10	10	11	12	12	13	15
-46.25°	8	8	9	9	9	9	10	10	11	12	12
-47.5°	8	8	8	8	9	9	9	9	10	10	11
-48.75°	7	8	8	8	8	8	9	9	9	9	9
-50°	7	7	7	8	8	8	8	8	9	9	9
-51.25°	7	7	7	7	7	8	8	8	8	8	8
-52.5°	6	6	7	7	7	7	7	8	8	8	8
-53.75°	5	6	6	6	7	7	7	7	7	7	8
-55°	5	5	5	6	6	6	6	7	7	7	7
-56.25°	4	4	5	5	5	6	6	6	6	6	7
-57.5°	4	4	4	4	4	5	5	5	6	6	6
-58.75°	3	3	4	4	4	4	4	4	5	5	5
-60°	3	3	3	3	3	4	4	4	4	4	4
-61.25°	3	3	3	3	3	3	3	3	3	4	4
-62.5°	3	3	3	3	3	3	3	3	3	3	3
-63.75°	2	2	3	3	3	3	3	3	3	3	3
-65°	1	1	2	2	2	2	3	3	3	3	3
-66.25°	1	1	1	1	1	2	2	2	2	2	3
-67.5°	1	1	1	1	1	1	1	1	1	1	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	0	1	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	0	0	1	1	1



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	2	2	2	2	2
67.5°	2	2	2	2	2	2	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	3	4
62.5°	3	3	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	5	5	5	5
60°	4	5	5	5	5	5	5	6	6	6	6
58.75°	5	6	6	6	6	6	6	6	6	7	7
57.5°	6	6	6	7	7	7	7	7	7	7	7
56.25°	7	7	7	7	7	7	7	7	8	8	8
55°	7	7	7	8	8	8	8	8	8	8	8
53.75°	8	8	8	8	8	8	8	8	8	9	9
52.5°	8	8	8	8	9	9	9	9	9	9	9
51.25°	9	9	9	9	9	9	9	10	10	10	10
50°	9	9	9	10	10	10	11	11	11	12	12
48.75°	10	10	11	11	12	12	12	13	13	14	14
47.5°	11	12	12	13	14	15	15	16	17	17	18
46.25°	13	14	15	16	17	18	19	20	22	24	26
45°	16	17	18	19	22	25	28	31	33	35	37
43.75°	19	22	26	30	33	36	39	42	45	49	53
42.5°	28	33	37	41	45	50	56	61	65	70	73
41.25°	39	43	50	57	64	70	75	81	85	90	94
40°	53	61	69	76	83	89	95	101	106	111	115
38.75°	71	79	87	95	102	109	116	122	127	133	138
37.5°	88	97	106	114	122	129	138	145	152	159	164
36.25°	107	116	125	135	145	154	163	171	178	185	191
35°	125	136	148	158	169	179	188	197	206	214	220



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
33.75°	146	159	171	182	194	205	216	225	234	242	251
32.5°	168	181	195	208	221	232	243	256	268	278	288
31.25°	191	206	220	234	248	263	278	291	303	314	325
30°	215	230	246	264	281	297	312	327	341	354	366
28.75°	238	257	277	296	313	332	349	366	381	395	407
27.5°	266	287	308	328	349	369	388	405	423	440	460
26.25°	295	317	341	364	386	406	429	452	483	512	556
25°	324	350	375	399	424	451	488	534	590	648	709
23.75°	355	382	408	437	476	524	592	668	746	823	895
22.5°	386	415	446	494	563	645	740	836	928	1017	1097
21.25°	417	453	505	589	690	798	909	1018	1121	1211	1292
20°	453	509	603	717	840	964	1088	1201	1303	1391	1461
18.75°	505	603	726	861	999	1134	1259	1369	1461	1531	1579
17.5°	589	717	861	1010	1157	1293	1414	1505	1573	1620	1659
16.25°	690	840	999	1157	1304	1435	1531	1596	1648	1693	1734
15°	798	964	1134	1293	1435	1540	1608	1664	1716	1764	1808
13.75°	909	1088	1259	1414	1531	1608	1670	1728	1782	1833	1882
12.5°	1018	1201	1369	1505	1596	1664	1728	1788	1847	1903	1952
11.25°	1121	1303	1461	1573	1648	1716	1782	1847	1909	1966	2024
10°	1211	1391	1531	1620	1693	1764	1833	1903	1966	2032	2101
8.75°	1292	1461	1579	1659	1734	1808	1882	1952	2024	2101	2174
7.5°	1358	1515	1615	1694	1772	1848	1925	2000	2082	2164	2240
6.25°	1416	1557	1644	1724	1804	1884	1961	2044	2134	2219	2296
5°	1456	1582	1668	1750	1831	1914	1995	2086	2178	2265	2342
3.75°	1484	1601	1686	1770	1853	1936	2022	2119	2214	2301	2375
2.5°	1505	1615	1699	1784	1869	1953	2043	2143	2239	2326	2400
1.25°	1517	1623	1708	1793	1879	1963	2056	2157	2254	2341	2414
0°	1521	1626	1710	1796	1882	1967	2061	2162	2259	2347	2419
-1.25°	1517	1623	1708	1793	1879	1963	2056	2157	2254	2341	2414
-2.5°	1505	1615	1699	1784	1869	1953	2043	2143	2239	2326	2400
-3.75°	1484	1601	1686	1770	1853	1936	2022	2119	2214	2301	2375
-5°	1456	1582	1668	1750	1831	1914	1995	2086	2178	2265	2342
-6.25°	1416	1557	1644	1724	1804	1884	1961	2044	2134	2219	2296
-7.5°	1358	1515	1615	1694	1772	1848	1925	2000	2082	2164	2240
-8.75°	1292	1461	1579	1659	1734	1808	1882	1952	2024	2101	2174
-10°	1211	1391	1531	1620	1693	1764	1833	1903	1966	2032	2101
-11.25°	1121	1303	1461	1573	1648	1716	1782	1847	1909	1966	2024
-12.5°	1018	1201	1369	1505	1596	1664	1728	1788	1847	1903	1952
-13.75°	909	1088	1259	1414	1531	1608	1670	1728	1782	1833	1882
-15°	798	964	1134	1293	1435	1540	1608	1664	1716	1764	1808
-16.25°	690	840	999	1157	1304	1435	1531	1596	1648	1693	1734
-17.5°	589	717	861	1010	1157	1293	1414	1505	1573	1620	1659
-18.75°	505	603	726	861	999	1134	1259	1369	1461	1531	1579
-20°	453	509	603	717	840	964	1088	1201	1303	1391	1461
-21.25°	417	453	505	589	690	798	909	1018	1121	1211	1292



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
-22.5°	386	415	446	494	563	645	740	836	928	1017	1097
-23.75°	355	382	408	437	476	524	592	668	746	823	895
-25°	324	350	375	399	424	451	488	534	590	648	709
-26.25°	295	317	341	364	386	406	429	452	483	512	556
-27.5°	266	287	308	328	349	369	388	405	423	440	460
-28.75°	238	257	277	296	313	332	349	366	381	395	407
-30°	215	230	246	264	281	297	312	327	341	354	366
-31.25°	191	206	220	234	248	263	278	291	303	314	325
-32.5°	168	181	195	208	221	232	243	256	268	278	288
-33.75°	146	159	171	182	194	205	216	225	234	242	251
-35°	125	136	148	158	169	179	188	197	206	214	220
-36.25°	107	116	125	135	145	154	163	171	178	185	191
-37.5°	88	97	106	114	122	129	138	145	152	159	164
-38.75°	71	79	87	95	102	109	116	122	127	133	138
-40°	53	61	69	76	83	89	95	101	106	111	115
-41.25°	39	43	50	57	64	70	75	81	85	90	94
-42.5°	28	33	37	41	45	50	56	61	65	70	73
-43.75°	19	22	26	30	33	36	39	42	45	49	53
-45°	16	17	18	19	22	25	28	31	33	35	37
-46.25°	13	14	15	16	17	18	19	20	22	24	26
-47.5°	11	12	12	13	14	15	15	16	17	17	18
-48.75°	10	10	11	11	12	12	12	13	13	14	14
-50°	9	9	9	10	10	10	11	11	11	12	12
-51.25°	9	9	9	9	9	9	9	10	10	10	10
-52.5°	8	8	8	8	9	9	9	9	9	9	9
-53.75°	8	8	8	8	8	8	8	8	8	9	9
-55°	7	7	7	8	8	8	8	8	8	8	8
-56.25°	7	7	7	7	7	7	7	7	8	8	8
-57.5°	6	6	6	7	7	7	7	7	7	7	7
-58.75°	5	6	6	6	6	6	6	6	6	7	7
-60°	4	5	5	5	5	5	5	6	6	6	6
-61.25°	4	4	4	4	4	4	4	5	5	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°	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	3	3	3	3	3
-68.75°	1	1	1	1	1	1	2	2	2	2	2
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	1	0	0	0	0
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	2	2	2
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	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°	6	6	6	6	6	6	6	6	6	6	6
58.75°	7	7	7	7	7	7	7	7	7	7	7
57.5°	7	7	7	7	7	7	7	7	7	7	7
56.25°	8	8	8	8	8	8	8	8	8	8	8
55°	8	8	8	8	8	8	8	8	8	8	8
53.75°	9	9	9	9	9	9	9	9	9	9	9
52.5°	9	9	9	9	9	9	9	9	9	9	9
51.25°	10	11	11	11	11	11	11	11	11	11	11
50°	12	12	12	12	12	12	13	12	12	12	12
48.75°	15	15	16	16	16	16	16	16	16	16	16
47.5°	18	19	19	19	20	20	20	20	20	19	19
46.25°	27	29	30	31	31	32	32	32	31	31	30
45°	39	40	42	42	43	43	44	43	43	42	42
43.75°	56	58	61	62	63	64	64	64	63	62	61
42.5°	76	79	81	83	84	85	85	85	84	83	81
41.25°	97	100	103	105	106	107	107	107	106	105	103
40°	119	122	124	126	128	129	129	129	128	126	124
38.75°	143	147	150	153	154	155	156	155	154	153	150
37.5°	169	173	177	179	181	182	183	182	181	179	177
36.25°	197	202	206	209	211	213	213	213	211	209	206
35°	226	231	236	239	241	243	243	243	241	239	236



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
33.75°	259	266	271	275	279	280	281	280	279	275	271
32.5°	296	303	309	313	316	318	319	318	316	313	309
31.25°	334	343	350	355	359	361	362	361	359	355	350
30°	376	385	392	398	402	404	405	404	402	398	392
28.75°	420	430	439	446	454	459	460	459	454	446	439
27.5°	481	499	517	537	552	561	564	561	552	537	517
26.25°	594	629	665	693	714	726	730	726	714	693	665
25°	762	813	855	889	913	927	932	927	913	889	855
23.75°	960	1017	1065	1103	1129	1144	1150	1144	1129	1103	1065
22.5°	1166	1224	1273	1309	1334	1350	1355	1350	1334	1309	1273
21.25°	1358	1416	1456	1484	1505	1517	1521	1517	1505	1484	1456
20°	1515	1557	1582	1601	1615	1623	1626	1623	1615	1601	1582
18.75°	1615	1644	1668	1686	1699	1708	1710	1708	1699	1686	1668
17.5°	1694	1724	1750	1770	1784	1793	1796	1793	1784	1770	1750
16.25°	1772	1804	1831	1853	1869	1879	1882	1879	1869	1853	1831
15°	1848	1884	1914	1936	1953	1963	1967	1963	1953	1936	1914
13.75°	1925	1961	1995	2022	2043	2056	2061	2056	2043	2022	1995
12.5°	2000	2044	2086	2119	2143	2157	2162	2157	2143	2119	2086
11.25°	2082	2134	2178	2214	2239	2254	2259	2254	2239	2214	2178
10°	2164	2219	2265	2301	2326	2341	2347	2341	2326	2301	2265
8.75°	2240	2296	2342	2375	2400	2414	2419	2414	2400	2375	2342
7.5°	2306	2361	2406	2439	2463	2475	2479	2475	2463	2439	2406
6.25°	2361	2415	2459	2488	2506	2516	2519	2516	2506	2488	2459
5°	2406	2459	2497	2519	2531	2536	2538	2536	2531	2519	2497
3.75°	2439	2488	2519	2534	2539	2541	2540	2541	2539	2534	2519
2.5°	2463	2506	2531	2539	2539	2535	2533	2535	2539	2539	2531
1.25°	2475	2516	2536	2541	2535	2530	2530	2530	2535	2541	2536
0°	2479	2519	2538	2540	2533	2530	2537	2530	2533	2540	2538
-1.25°	2475	2516	2536	2541	2535	2530	2530	2530	2535	2541	2536
-2.5°	2463	2506	2531	2539	2539	2535	2533	2535	2539	2539	2531
-3.75°	2439	2488	2519	2534	2539	2541	2540	2541	2539	2534	2519
-5°	2406	2459	2497	2519	2531	2536	2538	2536	2531	2519	2497
-6.25°	2361	2415	2459	2488	2506	2516	2519	2516	2506	2488	2459
-7.5°	2306	2361	2406	2439	2463	2475	2479	2475	2463	2439	2406
-8.75°	2240	2296	2342	2375	2400	2414	2419	2414	2400	2375	2342
-10°	2164	2219	2265	2301	2326	2341	2347	2341	2326	2301	2265
-11.25°	2082	2134	2178	2214	2239	2254	2259	2254	2239	2214	2178
-12.5°	2000	2044	2086	2119	2143	2157	2162	2157	2143	2119	2086
-13.75°	1925	1961	1995	2022	2043	2056	2061	2056	2043	2022	1995
-15°	1848	1884	1914	1936	1953	1963	1967	1963	1953	1936	1914
-16.25°	1772	1804	1831	1853	1869	1879	1882	1879	1869	1853	1831
-17.5°	1694	1724	1750	1770	1784	1793	1796	1793	1784	1770	1750
-18.75°	1615	1644	1668	1686	1699	1708	1710	1708	1699	1686	1668
-20°	1515	1557	1582	1601	1615	1623	1626	1623	1615	1601	1582
-21.25°	1358	1416	1456	1484	1505	1517	1521	1517	1505	1484	1456



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-22.5°	1166	1224	1273	1309	1334	1350	1355	1350	1334	1309	1273
-23.75°	960	1017	1065	1103	1129	1144	1150	1144	1129	1103	1065
-25°	762	813	855	889	913	927	932	927	913	889	855
-26.25°	594	629	665	693	714	726	730	726	714	693	665
-27.5°	481	499	517	537	552	561	564	561	552	537	517
-28.75°	420	430	439	446	454	459	460	459	454	446	439
-30°	376	385	392	398	402	404	405	404	402	398	392
-31.25°	334	343	350	355	359	361	362	361	359	355	350
-32.5°	296	303	309	313	316	318	319	318	316	313	309
-33.75°	259	266	271	275	279	280	281	280	279	275	271
-35°	226	231	236	239	241	243	243	243	241	239	236
-36.25°	197	202	206	209	211	213	213	213	211	209	206
-37.5°	169	173	177	179	181	182	183	182	181	179	177
-38.75°	143	147	150	153	154	155	156	155	154	153	150
-40°	119	122	124	126	128	129	129	129	128	126	124
-41.25°	97	100	103	105	106	107	107	107	106	105	103
-42.5°	76	79	81	83	84	85	85	85	84	83	81
-43.75°	56	58	61	62	63	64	64	64	63	62	61
-45°	39	40	42	42	43	43	44	43	43	42	42
-46.25°	27	29	30	31	31	32	32	32	31	31	30
-47.5°	18	19	19	19	20	20	20	20	20	19	19
-48.75°	15	15	16	16	16	16	16	16	16	16	16
-50°	12	12	12	12	12	12	13	12	12	12	12
-51.25°	10	11	11	11	11	11	11	11	11	11	11
-52.5°	9	9	9	9	9	9	9	9	9	9	9
-53.75°	9	9	9	9	9	9	9	9	9	9	9
-55°	8	8	8	8	8	8	8	8	8	8	8
-56.25°	8	8	8	8	8	8	8	8	8	8	8
-57.5°	7	7	7	7	7	7	7	7	7	7	7
-58.75°	7	7	7	7	7	7	7	7	7	7	7
-60°	6	6	6	6	6	6	6	6	6	6	6
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	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°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	2	2	2	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
-78.75°	0	0	0	0	0	0	1	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-81.25°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-83.75°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-86.25°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-88.75°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	2	2	2	2	2	2	2	1	1	1	1
67.5°	3	3	3	3	3	3	3	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	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	5	5	4	4	4	4	4
60°	6	6	6	6	6	6	5	5	5	5	5
58.75°	7	7	7	7	6	6	6	6	6	6	6
57.5°	7	7	7	7	7	7	7	7	7	7	6
56.25°	8	8	8	8	8	7	7	7	7	7	7
55°	8	8	8	8	8	8	8	8	8	8	7
53.75°	9	9	9	9	8	8	8	8	8	8	8
52.5°	9	9	9	9	9	9	9	9	9	8	8
51.25°	11	10	10	10	10	10	9	9	9	9	9
50°	12	12	12	12	11	11	11	10	10	10	9
48.75°	15	15	14	14	13	13	12	12	12	11	11
47.5°	19	18	18	17	17	16	15	15	14	13	12
46.25°	29	27	26	24	22	20	19	18	17	16	15
45°	40	39	37	35	33	31	28	25	22	19	18
43.75°	58	56	53	49	45	42	39	36	33	30	26
42.5°	79	76	73	70	65	61	56	50	45	41	37
41.25°	100	97	94	90	85	81	75	70	64	57	50
40°	122	119	115	111	106	101	95	89	83	76	69
38.75°	147	143	138	133	127	122	116	109	102	95	87
37.5°	173	169	164	159	152	145	138	129	122	114	106
36.25°	202	197	191	185	178	171	163	154	145	135	125
35°	231	226	220	214	206	197	188	179	169	158	148



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
33.75°	266	259	251	242	234	225	216	205	194	182	171
32.5°	303	296	288	278	268	256	243	232	221	208	195
31.25°	343	334	325	314	303	291	278	263	248	234	220
30°	385	376	366	354	341	327	312	297	281	264	246
28.75°	430	420	407	395	381	366	349	332	313	296	277
27.5°	499	481	460	440	423	405	388	369	349	328	308
26.25°	629	594	556	512	483	452	429	406	386	364	341
25°	813	762	709	648	590	534	488	451	424	399	375
23.75°	1017	960	895	823	746	668	592	524	476	437	408
22.5°	1224	1166	1097	1017	928	836	740	645	563	494	446
21.25°	1416	1358	1292	1211	1121	1018	909	798	690	589	505
20°	1557	1515	1461	1391	1303	1201	1088	964	840	717	603
18.75°	1644	1615	1579	1531	1461	1369	1259	1134	999	861	726
17.5°	1724	1694	1659	1620	1573	1505	1414	1293	1157	1010	861
16.25°	1804	1772	1734	1693	1648	1596	1531	1435	1304	1157	999
15°	1884	1848	1808	1764	1716	1664	1608	1540	1435	1293	1134
13.75°	1961	1925	1882	1833	1782	1728	1670	1608	1531	1414	1259
12.5°	2044	2000	1952	1903	1847	1788	1728	1664	1596	1505	1369
11.25°	2134	2082	2024	1966	1909	1847	1782	1716	1648	1573	1461
10°	2219	2164	2101	2032	1966	1903	1833	1764	1693	1620	1531
8.75°	2296	2240	2174	2101	2024	1952	1882	1808	1734	1659	1579
7.5°	2361	2306	2240	2164	2082	2000	1925	1848	1772	1694	1615
6.25°	2415	2361	2296	2219	2134	2044	1961	1884	1804	1724	1644
5°	2459	2406	2342	2265	2178	2086	1995	1914	1831	1750	1668
3.75°	2488	2439	2375	2301	2214	2119	2022	1936	1853	1770	1686
2.5°	2506	2463	2400	2326	2239	2143	2043	1953	1869	1784	1699
1.25°	2516	2475	2414	2341	2254	2157	2056	1963	1879	1793	1708
0°	2519	2479	2419	2347	2259	2162	2061	1967	1882	1796	1710
-1.25°	2516	2475	2414	2341	2254	2157	2056	1963	1879	1793	1708
-2.5°	2506	2463	2400	2326	2239	2143	2043	1953	1869	1784	1699
-3.75°	2488	2439	2375	2301	2214	2119	2022	1936	1853	1770	1686
-5°	2459	2406	2342	2265	2178	2086	1995	1914	1831	1750	1668
-6.25°	2415	2361	2296	2219	2134	2044	1961	1884	1804	1724	1644
-7.5°	2361	2306	2240	2164	2082	2000	1925	1848	1772	1694	1615
-8.75°	2296	2240	2174	2101	2024	1952	1882	1808	1734	1659	1579
-10°	2219	2164	2101	2032	1966	1903	1833	1764	1693	1620	1531
-11.25°	2134	2082	2024	1966	1909	1847	1782	1716	1648	1573	1461
-12.5°	2044	2000	1952	1903	1847	1788	1728	1664	1596	1505	1369
-13.75°	1961	1925	1882	1833	1782	1728	1670	1608	1531	1414	1259
-15°	1884	1848	1808	1764	1716	1664	1608	1540	1435	1293	1134
-16.25°	1804	1772	1734	1693	1648	1596	1531	1435	1304	1157	999
-17.5°	1724	1694	1659	1620	1573	1505	1414	1293	1157	1010	861
-18.75°	1644	1615	1579	1531	1461	1369	1259	1134	999	861	726
-20°	1557	1515	1461	1391	1303	1201	1088	964	840	717	603
-21.25°	1416	1358	1292	1211	1121	1018	909	798	690	589	505



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
-22.5°	1224	1166	1097	1017	928	836	740	645	563	494	446
-23.75°	1017	960	895	823	746	668	592	524	476	437	408
-25°	813	762	709	648	590	534	488	451	424	399	375
-26.25°	629	594	556	512	483	452	429	406	386	364	341
-27.5°	499	481	460	440	423	405	388	369	349	328	308
-28.75°	430	420	407	395	381	366	349	332	313	296	277
-30°	385	376	366	354	341	327	312	297	281	264	246
-31.25°	343	334	325	314	303	291	278	263	248	234	220
-32.5°	303	296	288	278	268	256	243	232	221	208	195
-33.75°	266	259	251	242	234	225	216	205	194	182	171
-35°	231	226	220	214	206	197	188	179	169	158	148
-36.25°	202	197	191	185	178	171	163	154	145	135	125
-37.5°	173	169	164	159	152	145	138	129	122	114	106
-38.75°	147	143	138	133	127	122	116	109	102	95	87
-40°	122	119	115	111	106	101	95	89	83	76	69
-41.25°	100	97	94	90	85	81	75	70	64	57	50
-42.5°	79	76	73	70	65	61	56	50	45	41	37
-43.75°	58	56	53	49	45	42	39	36	33	30	26
-45°	40	39	37	35	33	31	28	25	22	19	18
-46.25°	29	27	26	24	22	20	19	18	17	16	15
-47.5°	19	18	18	17	17	16	15	15	14	13	12
-48.75°	15	15	14	14	13	13	12	12	12	11	11
-50°	12	12	12	12	11	11	11	10	10	10	9
-51.25°	11	10	10	10	10	10	9	9	9	9	9
-52.5°	9	9	9	9	9	9	9	9	9	8	8
-53.75°	9	9	9	9	8	8	8	8	8	8	8
-55°	8	8	8	8	8	8	8	8	8	8	7
-56.25°	8	8	8	8	8	7	7	7	7	7	7
-57.5°	7	7	7	7	7	7	7	7	7	7	6
-58.75°	7	7	7	7	6	6	6	6	6	6	6
-60°	6	6	6	6	6	6	5	5	5	5	5
-61.25°	5	5	5	5	5	5	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	3	3	3	3	3	3	3	3	3
-67.5°	3	3	3	3	3	3	3	2	2	2	2
-68.75°	2	2	2	2	2	2	2	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	1	1	1	1	1	0	0	0	0	0	0
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	2	2	2	1	1	1	1	1	1	1	1
66.25°	3	3	3	2	2	2	2	2	1	1	1
65°	3	3	3	3	3	3	3	2	2	2	2
63.75°	3	3	3	3	3	3	3	3	3	3	3
62.5°	3	3	3	3	3	3	3	3	3	3	3
61.25°	4	4	4	4	3	3	3	3	3	3	3
60°	5	4	4	4	4	4	4	4	3	3	3
58.75°	6	5	5	5	5	4	4	4	4	4	4
57.5°	6	6	6	6	6	5	5	5	4	4	4
56.25°	7	7	7	6	6	6	6	6	5	5	5
55°	7	7	7	7	7	7	6	6	6	6	5
53.75°	8	8	8	7	7	7	7	7	7	6	6
52.5°	8	8	8	8	8	8	7	7	7	7	7
51.25°	9	9	8	8	8	8	8	8	7	7	7
50°	9	9	9	9	9	8	8	8	8	8	7
48.75°	10	10	9	9	9	9	9	8	8	8	8
47.5°	12	11	11	10	10	9	9	9	9	8	8
46.25°	14	13	12	12	11	10	10	9	9	9	9
45°	17	16	15	13	12	12	11	10	10	9	9
43.75°	22	19	18	17	15	14	12	12	11	10	9
42.5°	33	28	24	20	18	17	15	13	12	11	11
41.25°	43	39	34	29	24	19	18	16	14	12	12
40°	61	53	44	39	34	28	23	19	17	15	13
38.75°	79	71	62	53	43	38	32	26	20	18	16
37.5°	97	88	79	70	60	50	41	35	28	22	18
36.25°	116	107	97	86	76	66	55	44	37	30	23
35°	136	125	115	104	93	82	70	59	47	38	31



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
33.75°	159	146	133	121	110	98	86	74	61	49	39
32.5°	181	168	154	140	126	114	101	88	76	63	49
31.25°	206	191	176	161	146	130	117	103	90	76	63
30°	230	215	198	181	166	150	133	118	104	90	76
28.75°	257	238	221	204	186	169	151	134	118	103	88
27.5°	287	266	244	226	207	188	170	151	133	117	101
26.25°	317	295	272	248	228	208	188	169	150	130	114
25°	350	324	299	275	250	228	207	186	166	146	126
23.75°	382	355	327	301	275	248	226	204	181	161	140
22.5°	415	386	357	327	299	272	244	221	198	176	154
21.25°	453	417	386	355	324	295	266	238	215	191	168
20°	509	453	415	382	350	317	287	257	230	206	181
18.75°	603	505	446	408	375	341	308	277	246	220	195
17.5°	717	589	494	437	399	364	328	296	264	234	208
16.25°	840	690	563	476	424	386	349	313	281	248	221
15°	964	798	645	524	451	406	369	332	297	263	232
13.75°	1088	909	740	592	488	429	388	349	312	278	243
12.5°	1201	1018	836	668	534	452	405	366	327	291	256
11.25°	1303	1121	928	746	590	483	423	381	341	303	268
10°	1391	1211	1017	823	648	512	440	395	354	314	278
8.75°	1461	1292	1097	895	709	556	460	407	366	325	288
7.5°	1515	1358	1166	960	762	594	481	420	376	334	296
6.25°	1557	1416	1224	1017	813	629	499	430	385	343	303
5°	1582	1456	1273	1065	855	665	517	439	392	350	309
3.75°	1601	1484	1309	1103	889	693	537	446	398	355	313
2.5°	1615	1505	1334	1129	913	714	552	454	402	359	316
1.25°	1623	1517	1350	1144	927	726	561	459	404	361	318
0°	1626	1521	1355	1150	932	730	564	460	405	362	319
-1.25°	1623	1517	1350	1144	927	726	561	459	404	361	318
-2.5°	1615	1505	1334	1129	913	714	552	454	402	359	316
-3.75°	1601	1484	1309	1103	889	693	537	446	398	355	313
-5°	1582	1456	1273	1065	855	665	517	439	392	350	309
-6.25°	1557	1416	1224	1017	813	629	499	430	385	343	303
-7.5°	1515	1358	1166	960	762	594	481	420	376	334	296
-8.75°	1461	1292	1097	895	709	556	460	407	366	325	288
-10°	1391	1211	1017	823	648	512	440	395	354	314	278
-11.25°	1303	1121	928	746	590	483	423	381	341	303	268
-12.5°	1201	1018	836	668	534	452	405	366	327	291	256
-13.75°	1088	909	740	592	488	429	388	349	312	278	243
-15°	964	798	645	524	451	406	369	332	297	263	232
-16.25°	840	690	563	476	424	386	349	313	281	248	221
-17.5°	717	589	494	437	399	364	328	296	264	234	208
-18.75°	603	505	446	408	375	341	308	277	246	220	195
-20°	509	453	415	382	350	317	287	257	230	206	181
-21.25°	453	417	386	355	324	295	266	238	215	191	168



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
-22.5°	415	386	357	327	299	272	244	221	198	176	154
-23.75°	382	355	327	301	275	248	226	204	181	161	140
-25°	350	324	299	275	250	228	207	186	166	146	126
-26.25°	317	295	272	248	228	208	188	169	150	130	114
-27.5°	287	266	244	226	207	188	170	151	133	117	101
-28.75°	257	238	221	204	186	169	151	134	118	103	88
-30°	230	215	198	181	166	150	133	118	104	90	76
-31.25°	206	191	176	161	146	130	117	103	90	76	63
-32.5°	181	168	154	140	126	114	101	88	76	63	49
-33.75°	159	146	133	121	110	98	86	74	61	49	39
-35°	136	125	115	104	93	82	70	59	47	38	31
-36.25°	116	107	97	86	76	66	55	44	37	30	23
-37.5°	97	88	79	70	60	50	41	35	28	22	18
-38.75°	79	71	62	53	43	38	32	26	20	18	16
-40°	61	53	44	39	34	28	23	19	17	15	13
-41.25°	43	39	34	29	24	19	18	16	14	12	12
-42.5°	33	28	24	20	18	17	15	13	12	11	11
-43.75°	22	19	18	17	15	14	12	12	11	10	9
-45°	17	16	15	13	12	12	11	10	10	9	9
-46.25°	14	13	12	12	11	10	10	9	9	9	9
-47.5°	12	11	11	10	10	9	9	9	9	8	8
-48.75°	10	10	9	9	9	9	9	8	8	8	8
-50°	9	9	9	9	9	8	8	8	8	8	7
-51.25°	9	9	8	8	8	8	8	8	7	7	7
-52.5°	8	8	8	8	8	8	7	7	7	7	7
-53.75°	8	8	8	7	7	7	7	7	7	6	6
-55°	7	7	7	7	7	7	6	6	6	6	5
-56.25°	7	7	7	6	6	6	6	6	5	5	5
-57.5°	6	6	6	6	6	5	5	5	4	4	4
-58.75°	6	5	5	5	5	4	4	4	4	4	4
-60°	5	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	3	3
-63.75°	3	3	3	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	2	2	2	2
-66.25°	3	3	3	2	2	2	2	2	1	1	1
-67.5°	2	2	2	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	0	0	0	0	0	0



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	1	0	0	0	0	0	0	0	0	0	0
75°	1	1	1	1	1	1	0	0	0	0	0
73.75°	1	1	1	1	1	1	1	1	1	1	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	2	2	2	1	1	1	1	1	1	1	1
62.5°	3	3	3	2	2	2	1	1	1	1	1
61.25°	3	3	3	3	3	2	2	2	1	1	1
60°	3	3	3	3	3	3	3	2	2	2	1
58.75°	3	3	3	3	3	3	3	3	3	2	2
57.5°	4	4	3	3	3	3	3	3	3	3	3
56.25°	4	4	4	4	3	3	3	3	3	3	3
55°	5	5	4	4	4	4	3	3	3	3	3
53.75°	6	5	5	5	4	4	4	3	3	3	3
52.5°	6	6	6	5	5	4	4	4	4	3	3
51.25°	7	7	6	6	6	5	5	4	4	4	3
50°	7	7	7	6	6	6	5	5	4	4	4
48.75°	8	7	7	7	7	6	6	5	5	4	4
47.5°	8	8	8	7	7	7	6	6	6	5	4
46.25°	8	8	8	8	7	7	7	6	6	6	5
45°	9	8	8	8	8	7	7	7	7	6	6
43.75°	9	9	9	8	8	8	7	7	7	7	6
42.5°	10	9	9	9	8	8	8	7	7	7	6
41.25°	11	10	9	9	9	8	8	8	7	7	7
40°	12	11	10	9	9	9	8	8	8	7	7
38.75°	14	12	11	10	9	9	9	8	8	8	7
37.5°	16	14	12	11	10	9	9	9	8	8	8
36.25°	19	16	14	12	11	10	9	9	9	8	8
35°	24	19	16	14	12	11	10	9	9	8	8



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
33.75°	32	24	19	16	14	12	11	10	9	9	8
32.5°	39	31	23	18	16	13	12	11	9	9	9
31.25°	49	38	30	22	18	15	12	11	10	9	9
30°	61	47	37	28	20	17	14	12	11	10	9
28.75°	74	59	44	35	26	19	16	13	12	10	9
27.5°	86	70	55	41	32	23	18	15	12	11	10
26.25°	98	82	66	50	38	28	19	17	14	12	10
25°	110	93	76	60	43	34	24	18	15	12	11
23.75°	121	104	86	70	53	39	29	20	17	13	12
22.5°	133	115	97	79	62	44	34	24	18	15	12
21.25°	146	125	107	88	71	53	39	28	19	16	13
20°	159	136	116	97	79	61	43	33	22	17	14
18.75°	171	148	125	106	87	69	50	37	26	18	15
17.5°	182	158	135	114	95	76	57	41	30	19	16
16.25°	194	169	145	122	102	83	64	45	33	22	17
15°	205	179	154	129	109	89	70	50	36	25	18
13.75°	216	188	163	138	116	95	75	56	39	28	19
12.5°	225	197	171	145	122	101	81	61	42	31	20
11.25°	234	206	178	152	127	106	85	65	45	33	22
10°	242	214	185	159	133	111	90	70	49	35	24
8.75°	251	220	191	164	138	115	94	73	53	37	26
7.5°	259	226	197	169	143	119	97	76	56	39	27
6.25°	266	231	202	173	147	122	100	79	58	40	29
5°	271	236	206	177	150	124	103	81	61	42	30
3.75°	275	239	209	179	153	126	105	83	62	42	31
2.5°	279	241	211	181	154	128	106	84	63	43	31
1.25°	280	243	213	182	155	129	107	85	64	43	32
0°	281	243	213	183	156	129	107	85	64	44	32
-1.25°	280	243	213	182	155	129	107	85	64	43	32
-2.5°	279	241	211	181	154	128	106	84	63	43	31
-3.75°	275	239	209	179	153	126	105	83	62	42	31
-5°	271	236	206	177	150	124	103	81	61	42	30
-6.25°	266	231	202	173	147	122	100	79	58	40	29
-7.5°	259	226	197	169	143	119	97	76	56	39	27
-8.75°	251	220	191	164	138	115	94	73	53	37	26
-10°	242	214	185	159	133	111	90	70	49	35	24
-11.25°	234	206	178	152	127	106	85	65	45	33	22
-12.5°	225	197	171	145	122	101	81	61	42	31	20
-13.75°	216	188	163	138	116	95	75	56	39	28	19
-15°	205	179	154	129	109	89	70	50	36	25	18
-16.25°	194	169	145	122	102	83	64	45	33	22	17
-17.5°	182	158	135	114	95	76	57	41	30	19	16
-18.75°	171	148	125	106	87	69	50	37	26	18	15
-20°	159	136	116	97	79	61	43	33	22	17	14
-21.25°	146	125	107	88	71	53	39	28	19	16	13



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
-22.5°	133	115	97	79	62	44	34	24	18	15	12
-23.75°	121	104	86	70	53	39	29	20	17	13	12
-25°	110	93	76	60	43	34	24	18	15	12	11
-26.25°	98	82	66	50	38	28	19	17	14	12	10
-27.5°	86	70	55	41	32	23	18	15	12	11	10
-28.75°	74	59	44	35	26	19	16	13	12	10	9
-30°	61	47	37	28	20	17	14	12	11	10	9
-31.25°	49	38	30	22	18	15	12	11	10	9	9
-32.5°	39	31	23	18	16	13	12	11	9	9	9
-33.75°	32	24	19	16	14	12	11	10	9	9	8
-35°	24	19	16	14	12	11	10	9	9	8	8
-36.25°	19	16	14	12	11	10	9	9	9	8	8
-37.5°	16	14	12	11	10	9	9	9	8	8	8
-38.75°	14	12	11	10	9	9	9	8	8	8	7
-40°	12	11	10	9	9	9	8	8	8	7	7
-41.25°	11	10	9	9	9	8	8	8	7	7	7
-42.5°	10	9	9	9	8	8	8	7	7	7	6
-43.75°	9	9	9	8	8	8	7	7	7	7	6
-45°	9	8	8	8	8	7	7	7	7	6	6
-46.25°	8	8	8	8	7	7	7	6	6	6	5
-47.5°	8	8	8	7	7	7	6	6	6	5	4
-48.75°	8	7	7	7	7	6	6	5	5	4	4
-50°	7	7	7	6	6	6	5	5	4	4	4
-51.25°	7	7	6	6	6	5	5	4	4	4	3
-52.5°	6	6	6	5	5	4	4	4	4	3	3
-53.75°	6	5	5	5	4	4	4	3	3	3	3
-55°	5	5	4	4	4	4	3	3	3	3	3
-56.25°	4	4	4	4	3	3	3	3	3	3	3
-57.5°	4	4	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	2	2
-60°	3	3	3	3	3	3	3	2	2	2	1
-61.25°	3	3	3	3	3	2	2	2	1	1	1
-62.5°	3	3	3	2	2	2	1	1	1	1	1
-63.75°	2	2	2	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	0
-75°	1	1	1	1	1	1	0	0	0	0	0
-76.25°	1	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
-22.5°	11	9	9	8	8	8	7	7	6	5	4
-23.75°	10	9	9	8	8	7	7	6	6	5	4
-25°	10	9	9	8	8	7	7	6	6	5	4
-26.25°	9	9	8	8	8	7	7	6	5	4	4
-27.5°	9	9	8	8	7	7	6	6	5	4	4
-28.75°	9	8	8	8	7	7	6	6	5	4	4
-30°	9	8	8	7	7	7	6	5	4	4	3
-31.25°	8	8	8	7	7	6	6	5	4	4	3
-32.5°	8	8	7	7	7	6	5	5	4	4	3
-33.75°	8	8	7	7	6	6	5	4	4	3	3
-35°	8	7	7	7	6	5	5	4	4	3	3
-36.25°	8	7	7	6	6	5	4	4	3	3	3
-37.5°	7	7	6	6	5	5	4	4	3	3	3
-38.75°	7	7	6	6	5	4	4	3	3	3	3
-40°	7	6	6	5	4	4	4	3	3	3	3
-41.25°	6	6	5	5	4	4	3	3	3	3	3
-42.5°	6	5	5	4	4	3	3	3	3	3	2
-43.75°	6	5	4	4	4	3	3	3	3	3	2
-45°	5	4	4	4	3	3	3	3	3	2	2
-46.25°	4	4	4	3	3	3	3	3	3	2	1
-47.5°	4	4	3	3	3	3	3	3	2	1	1
-48.75°	4	3	3	3	3	3	3	2	2	1	1
-50°	3	3	3	3	3	3	2	2	1	1	1
-51.25°	3	3	3	3	3	2	2	1	1	1	1
-52.5°	3	3	3	3	2	2	1	1	1	1	1
-53.75°	3	3	3	2	2	1	1	1	1	1	1
-55°	3	3	2	2	1	1	1	1	1	1	1
-56.25°	3	2	2	1	1	1	1	1	1	1	1
-57.5°	2	2	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	0
-68.75°	1	1	1	1	1	1	1	1	0	0	0
-70°	1	1	1	1	1	1	1	0	0	0	0
-71.25°	1	1	1	1	1	0	0	0	0	0	0
-72.5°	1	1	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	75°	76.25°	77.5°	78.75°	80°	81.25°	82.5°	83.75°	85°	86.25°	87.5°
-22.5°	1	1	1	0	0	0	0	0	0	0	0
-23.75°	1	1	1	0	0	0	0	0	0	0	0
-25°	1	1	1	0	0	0	0	0	0	0	0
-26.25°	1	1	0	0	0	0	0	0	0	0	0
-27.5°	1	1	0	0	0	0	0	0	0	0	0
-28.75°	1	1	0	0	0	0	0	0	0	0	0
-30°	1	1	0	0	0	0	0	0	0	0	0
-31.25°	1	1	0	0	0	0	0	0	0	0	0
-32.5°	1	1	0	0	0	0	0	0	0	0	0
-33.75°	1	1	0	0	0	0	0	0	0	0	0
-35°	1	0	0	0	0	0	0	0	0	0	0
-36.25°	1	0	0	0	0	0	0	0	0	0	0
-37.5°	1	0	0	0	0	0	0	0	0	0	0
-38.75°	1	0	0	0	0	0	0	0	0	0	0
-40°	1	0	0	0	0	0	0	0	0	0	0
-41.25°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-43.75°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-46.25°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-48.75°	0	0	0	0	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0	0	0	0	0
-51.25°	0	0	0	0	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0	0	0	0	0
-53.75°	0	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220564 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-W-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)