

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: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29479)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, WIDE
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 5000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

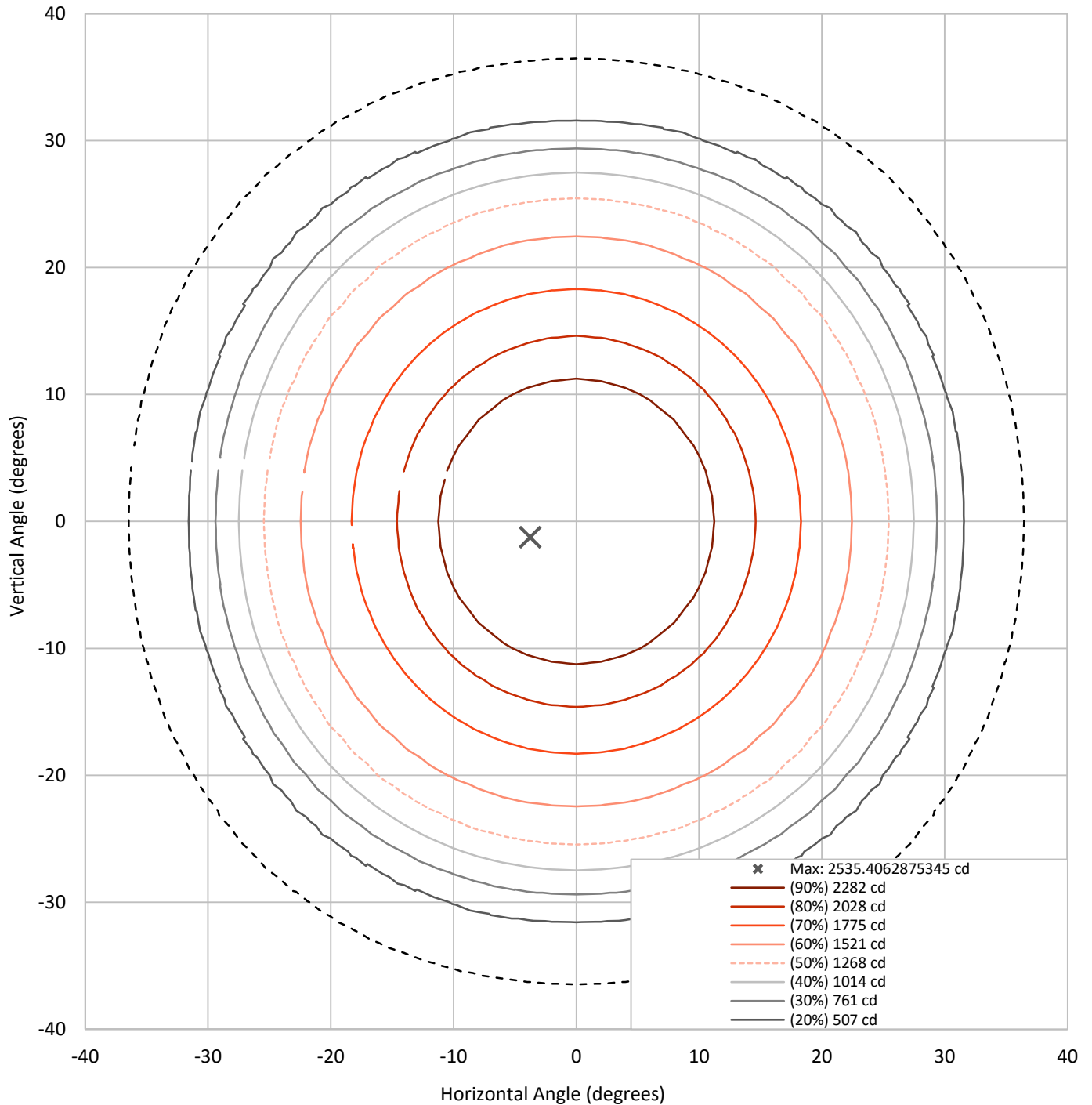
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	1691.8 lumens	Max Intensity:	2535.4 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	84.2 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	51°H x 50.5°V	Field Angle (10%):	72.8°H x 72.6°V
Beam Lumens:	1139.6 lumens	Field Lumens:	1519.9 lumens
Beam Efficiency:	67.4%	Field Efficiency:	89.8%
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: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L2-UNV

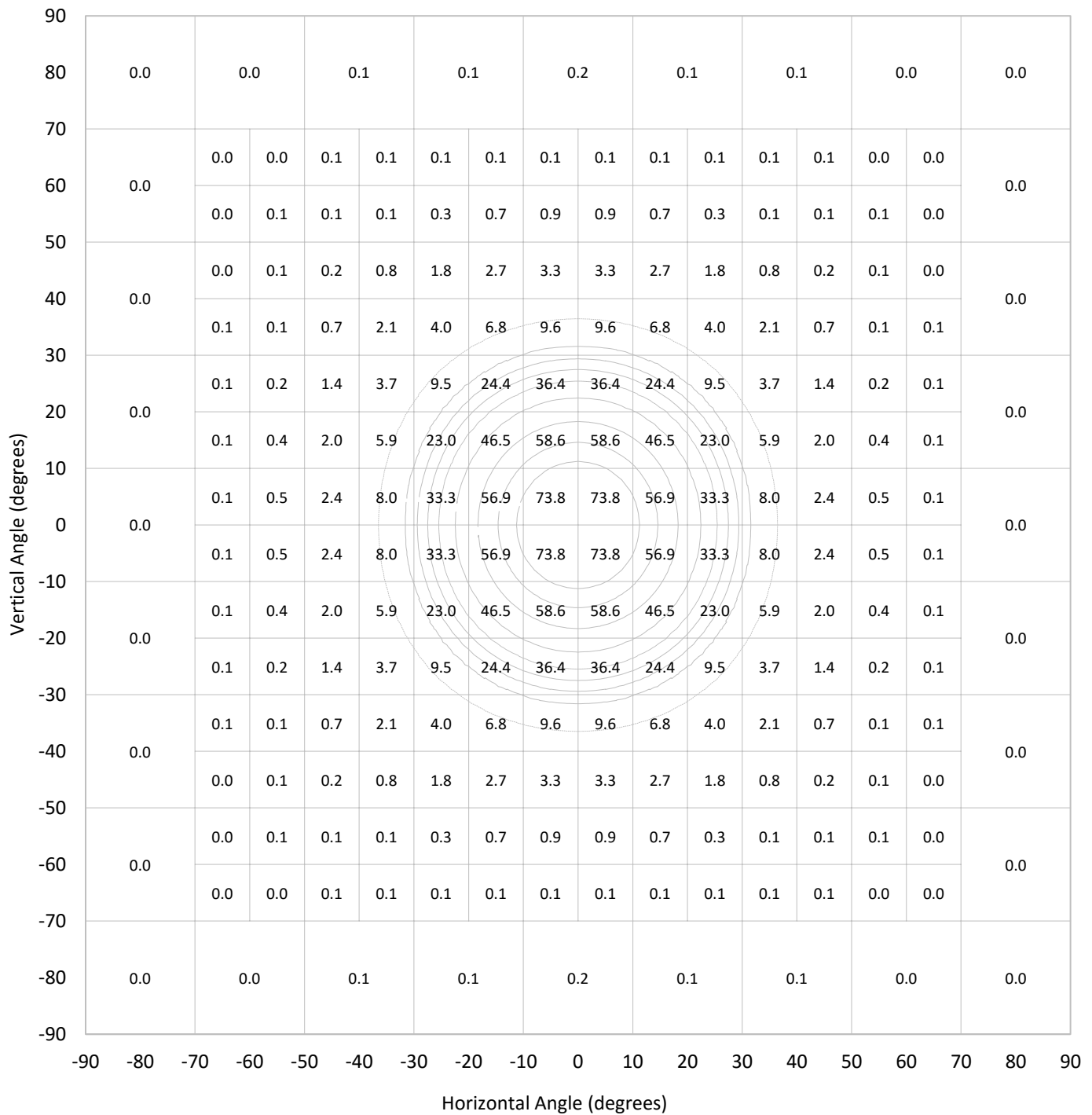
Iso-Candela Plot





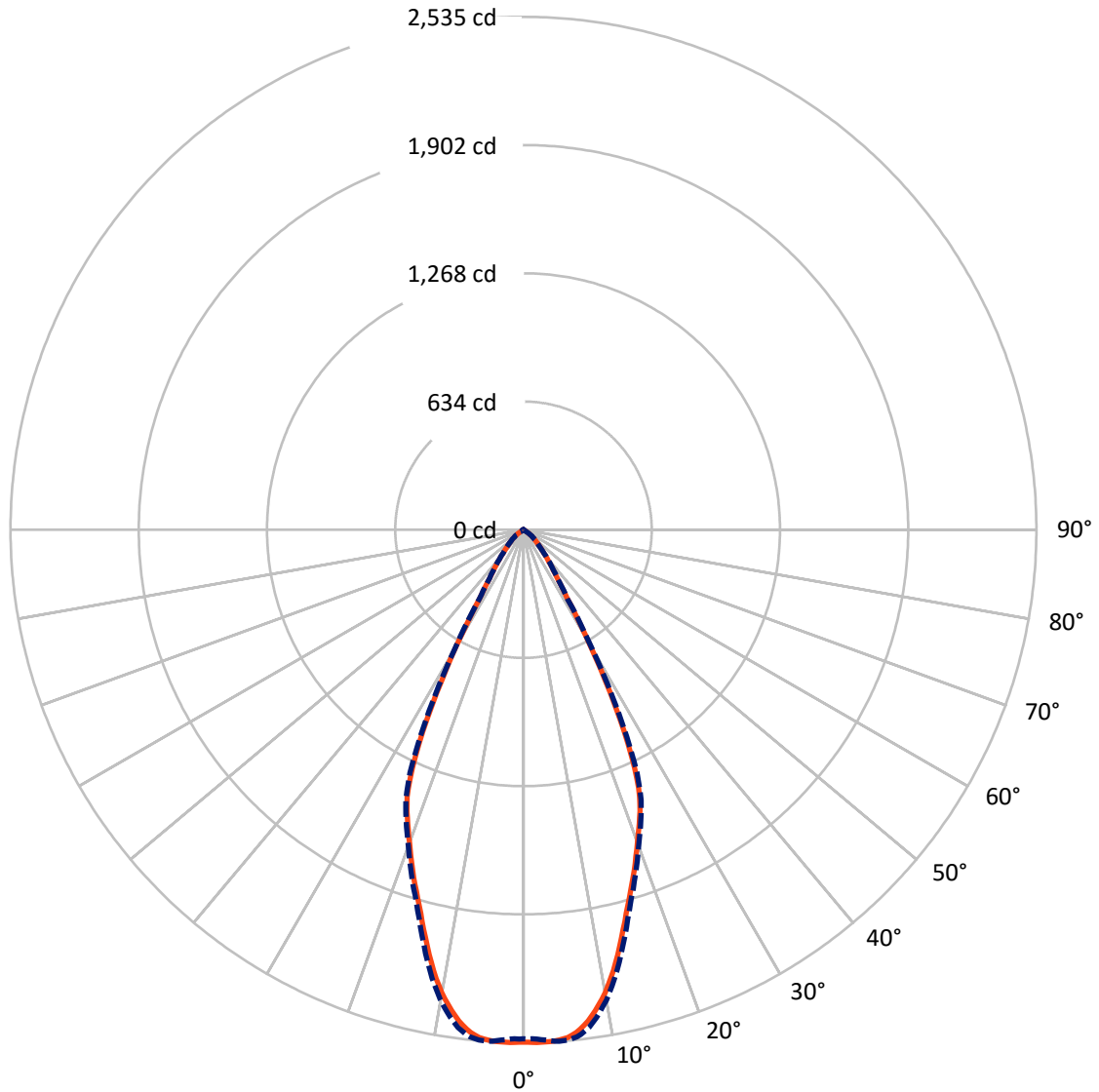
REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L2-UNV

Lumen Table



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L2-UNV

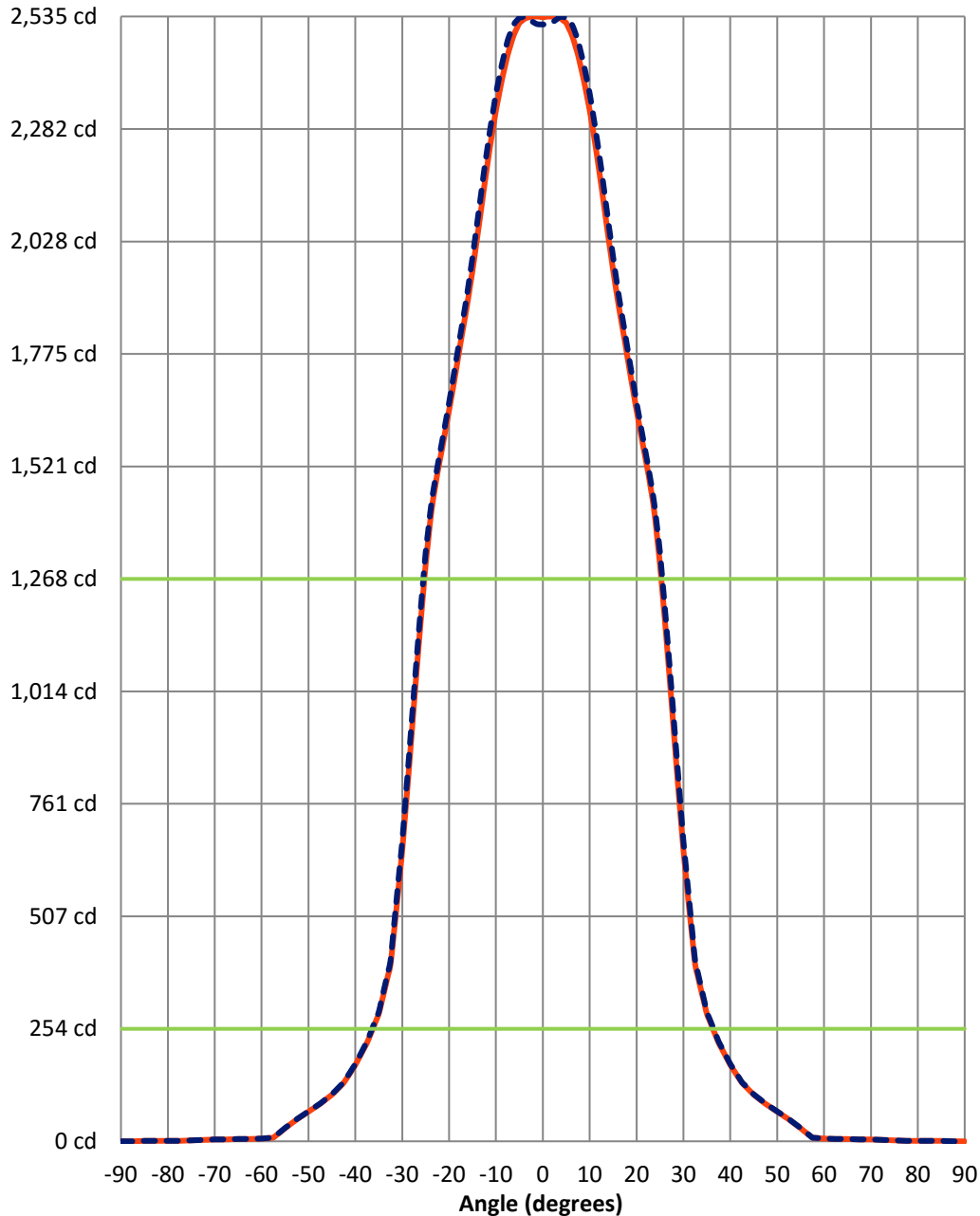
Luminous Intensity Polar Plot



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

REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-W-BK-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 50.5°
 Lumens: 1139.6
 Efficiency: 67.4%

Field:
 H Angle: 72.8°
 V Angle: 72.6°
 Lumens: 1519.9
 Efficiency: 89.8%

Spill:
 Lumens: 171.9
 Efficiency: 10.2%

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



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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	1
70°	0	0	0	0	0	0	0	0	0	1	1
68.75°	0	0	0	0	0	0	0	0	0	1	1
67.5°	0	0	0	0	0	0	0	0	1	1	1
66.25°	0	0	0	0	0	0	0	0	1	1	1
65°	0	0	0	0	0	0	0	0	1	1	1
63.75°	0	0	0	0	0	0	0	1	1	1	1
62.5°	0	0	0	0	0	0	0	1	1	1	1
61.25°	0	0	0	0	0	0	0	1	1	1	1
60°	0	0	0	0	0	0	0	1	1	1	1
58.75°	0	0	0	0	0	0	1	1	1	1	1
57.5°	0	0	0	0	0	0	1	1	1	1	1
56.25°	0	0	0	0	0	0	1	1	1	1	1
55°	0	0	0	0	0	0	1	1	1	1	1
53.75°	0	0	0	0	0	0	1	1	1	1	1
52.5°	0	0	0	0	0	1	1	1	1	1	1
51.25°	0	0	0	0	0	1	1	1	1	1	1
50°	0	0	0	0	0	1	1	1	1	1	1
48.75°	0	0	0	0	0	1	1	1	1	1	1
47.5°	0	0	0	0	0	1	1	1	1	1	1
46.25°	0	0	0	0	0	1	1	1	1	1	1
45°	0	0	0	0	0	1	1	1	1	1	1
43.75°	0	0	0	0	0	1	1	1	1	1	1
42.5°	0	0	0	0	0	1	1	1	1	1	1
41.25°	0	0	0	0	1	1	1	1	1	1	1
40°	0	0	0	0	1	1	1	1	1	1	1
38.75°	0	0	0	0	1	1	1	1	1	1	1
37.5°	0	0	0	0	1	1	1	1	1	1	1
36.25°	0	0	0	0	1	1	1	1	1	1	1
35°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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	1	1	1	1	1	1	1
32.5°	0	0	0	0	1	1	1	1	1	1	1
31.25°	0	0	0	0	1	1	1	1	1	1	1
30°	0	0	0	0	1	1	1	1	1	1	1
28.75°	0	0	0	0	1	1	1	1	1	1	1
27.5°	0	0	0	0	1	1	1	1	1	1	1
26.25°	0	0	0	0	1	1	1	1	1	1	1
25°	0	0	0	0	1	1	1	1	1	1	1
23.75°	0	0	0	0	1	1	1	1	1	1	1
22.5°	0	0	0	0	1	1	1	1	1	1	1
21.25°	0	0	0	0	1	1	1	1	1	1	1
20°	0	0	0	0	1	1	1	1	1	1	1
18.75°	0	0	0	0	1	1	1	1	1	1	1
17.5°	0	0	0	0	1	1	1	1	1	1	1
16.25°	0	0	0	0	1	1	1	1	1	1	1
15°	0	0	0	0	1	1	1	1	1	1	1
13.75°	0	0	0	0	1	1	1	1	1	1	1
12.5°	0	0	0	0	1	1	1	1	1	1	1
11.25°	0	0	0	0	1	1	1	1	1	1	1
10°	0	0	0	0	1	1	1	1	1	1	1
8.75°	0	0	0	0	1	1	1	1	1	1	1
7.5°	0	0	0	0	1	1	1	1	1	1	1
6.25°	0	0	0	0	1	1	1	1	1	1	1
5°	0	0	0	0	1	1	1	1	1	1	1
3.75°	0	0	0	0	1	1	1	1	1	1	1
2.5°	0	0	0	0	1	1	1	1	1	1	1
1.25°	0	0	0	0	1	1	1	1	1	1	1
0°	0	0	0	1	1	1	1	1	1	1	1
-1.25°	0	0	0	0	1	1	1	1	1	1	1
-2.5°	0	0	0	0	1	1	1	1	1	1	1
-3.75°	0	0	0	0	1	1	1	1	1	1	1
-5°	0	0	0	0	1	1	1	1	1	1	1
-6.25°	0	0	0	0	1	1	1	1	1	1	1
-7.5°	0	0	0	0	1	1	1	1	1	1	1
-8.75°	0	0	0	0	1	1	1	1	1	1	1
-10°	0	0	0	0	1	1	1	1	1	1	1
-11.25°	0	0	0	0	1	1	1	1	1	1	1
-12.5°	0	0	0	0	1	1	1	1	1	1	1
-13.75°	0	0	0	0	1	1	1	1	1	1	1
-15°	0	0	0	0	1	1	1	1	1	1	1
-16.25°	0	0	0	0	1	1	1	1	1	1	1
-17.5°	0	0	0	0	1	1	1	1	1	1	1
-18.75°	0	0	0	0	1	1	1	1	1	1	1
-20°	0	0	0	0	1	1	1	1	1	1	1
-21.25°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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	1	1	1	1	1	1	1
-23.75°	0	0	0	0	1	1	1	1	1	1	1
-25°	0	0	0	0	1	1	1	1	1	1	1
-26.25°	0	0	0	0	1	1	1	1	1	1	1
-27.5°	0	0	0	0	1	1	1	1	1	1	1
-28.75°	0	0	0	0	1	1	1	1	1	1	1
-30°	0	0	0	0	1	1	1	1	1	1	1
-31.25°	0	0	0	0	1	1	1	1	1	1	1
-32.5°	0	0	0	0	1	1	1	1	1	1	1
-33.75°	0	0	0	0	1	1	1	1	1	1	1
-35°	0	0	0	0	1	1	1	1	1	1	1
-36.25°	0	0	0	0	1	1	1	1	1	1	1
-37.5°	0	0	0	0	1	1	1	1	1	1	1
-38.75°	0	0	0	0	1	1	1	1	1	1	1
-40°	0	0	0	0	1	1	1	1	1	1	1
-41.25°	0	0	0	0	1	1	1	1	1	1	1
-42.5°	0	0	0	0	0	1	1	1	1	1	1
-43.75°	0	0	0	0	0	1	1	1	1	1	1
-45°	0	0	0	0	0	1	1	1	1	1	1
-46.25°	0	0	0	0	0	1	1	1	1	1	1
-47.5°	0	0	0	0	0	1	1	1	1	1	1
-48.75°	0	0	0	0	0	1	1	1	1	1	1
-50°	0	0	0	0	0	1	1	1	1	1	1
-51.25°	0	0	0	0	0	1	1	1	1	1	1
-52.5°	0	0	0	0	0	1	1	1	1	1	1
-53.75°	0	0	0	0	0	0	1	1	1	1	1
-55°	0	0	0	0	0	0	1	1	1	1	1
-56.25°	0	0	0	0	0	0	1	1	1	1	1
-57.5°	0	0	0	0	0	0	1	1	1	1	1
-58.75°	0	0	0	0	0	0	1	1	1	1	1
-60°	0	0	0	0	0	0	0	1	1	1	1
-61.25°	0	0	0	0	0	0	0	1	1	1	1
-62.5°	0	0	0	0	0	0	0	1	1	1	1
-63.75°	0	0	0	0	0	0	0	1	1	1	1
-65°	0	0	0	0	0	0	0	0	1	1	1
-66.25°	0	0	0	0	0	0	0	0	1	1	1
-67.5°	0	0	0	0	0	0	0	0	1	1	1
-68.75°	0	0	0	0	0	0	0	0	0	1	1
-70°	0	0	0	0	0	0	0	0	0	1	1
-71.25°	0	0	0	0	0	0	0	0	0	0	1
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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	1
80°	0	0	0	0	0	0	0	1	1	1	1
78.75°	0	0	0	0	0	1	1	1	1	1	1
77.5°	0	0	0	0	1	1	1	1	1	1	1
76.25°	0	0	1	1	1	1	1	1	1	1	1
75°	0	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	2
56.25°	1	1	1	1	1	1	1	1	1	1	2
55°	1	1	1	1	1	1	1	1	1	2	2
53.75°	1	1	1	1	1	1	1	1	2	2	2
52.5°	1	1	1	1	1	1	1	1	2	2	2
51.25°	1	1	1	1	1	1	1	2	2	2	3
50°	1	1	1	1	1	1	1	2	2	2	3
48.75°	1	1	1	1	1	1	2	2	2	3	3
47.5°	1	1	1	1	1	1	2	2	2	3	3
46.25°	1	1	1	1	1	2	2	2	3	3	3
45°	1	1	1	1	1	2	2	2	3	3	3
43.75°	1	1	1	1	1	2	2	3	3	3	4
42.5°	1	1	1	1	2	2	2	3	3	3	4
41.25°	1	1	1	1	2	2	2	3	3	4	4
40°	1	1	1	1	2	2	3	3	3	4	4
38.75°	1	1	1	1	2	2	3	3	3	4	4
37.5°	1	1	1	2	2	2	3	3	4	4	4
36.25°	1	1	1	2	2	3	3	3	4	4	4
35°	1	1	1	2	2	3	3	3	4	4	4



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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	2	2	3	3	4	4	4	4
32.5°	1	1	2	2	2	3	3	4	4	4	4
31.25°	1	1	2	2	2	3	3	4	4	4	4
30°	1	1	2	2	3	3	3	4	4	4	4
28.75°	1	1	2	2	3	3	4	4	4	4	4
27.5°	1	1	2	2	3	3	4	4	4	4	4
26.25°	1	1	2	2	3	3	4	4	4	4	5
25°	1	1	2	2	3	3	4	4	4	4	5
23.75°	1	2	2	2	3	3	4	4	4	4	5
22.5°	1	2	2	3	3	4	4	4	4	4	5
21.25°	1	2	2	3	3	4	4	4	4	4	5
20°	1	2	2	3	3	4	4	4	4	5	5
18.75°	1	2	2	3	3	4	4	4	4	5	5
17.5°	1	2	2	3	3	4	4	4	4	5	5
16.25°	1	2	2	3	3	4	4	4	4	5	5
15°	1	2	2	3	3	4	4	4	4	5	5
13.75°	1	2	2	3	3	4	4	4	4	5	5
12.5°	1	2	2	3	3	4	4	4	4	5	5
11.25°	1	2	2	3	3	4	4	4	5	5	5
10°	1	2	2	3	4	4	4	4	5	5	5
8.75°	1	2	3	3	4	4	4	4	5	5	5
7.5°	1	2	3	3	4	4	4	4	5	5	5
6.25°	2	2	3	3	4	4	4	4	5	5	5
5°	2	2	3	3	4	4	4	4	5	5	5
3.75°	2	2	3	3	4	4	4	4	5	5	5
2.5°	2	2	3	3	4	4	4	4	5	5	5
1.25°	2	2	3	3	4	4	4	4	5	5	5
0°	2	2	3	3	4	4	4	4	5	5	5
-1.25°	2	2	3	3	4	4	4	4	5	5	5
-2.5°	2	2	3	3	4	4	4	4	5	5	5
-3.75°	2	2	3	3	4	4	4	4	5	5	5
-5°	2	2	3	3	4	4	4	4	5	5	5
-6.25°	2	2	3	3	4	4	4	4	5	5	5
-7.5°	1	2	3	3	4	4	4	4	5	5	5
-8.75°	1	2	3	3	4	4	4	4	5	5	5
-10°	1	2	2	3	4	4	4	4	5	5	5
-11.25°	1	2	2	3	3	4	4	4	5	5	5
-12.5°	1	2	2	3	3	4	4	4	4	5	5
-13.75°	1	2	2	3	3	4	4	4	4	5	5
-15°	1	2	2	3	3	4	4	4	4	5	5
-16.25°	1	2	2	3	3	4	4	4	4	5	5
-17.5°	1	2	2	3	3	4	4	4	4	5	5
-18.75°	1	2	2	3	3	4	4	4	4	5	5
-20°	1	2	2	3	3	4	4	4	4	5	5
-21.25°	1	2	2	3	3	4	4	4	4	4	5



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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	2	2	3	3	4	4	4	4	4	5
-23.75°	1	2	2	2	3	3	4	4	4	4	5
-25°	1	1	2	2	3	3	4	4	4	4	5
-26.25°	1	1	2	2	3	3	4	4	4	4	5
-27.5°	1	1	2	2	3	3	4	4	4	4	4
-28.75°	1	1	2	2	3	3	4	4	4	4	4
-30°	1	1	2	2	3	3	3	4	4	4	4
-31.25°	1	1	2	2	2	3	3	4	4	4	4
-32.5°	1	1	2	2	2	3	3	4	4	4	4
-33.75°	1	1	1	2	2	3	3	4	4	4	4
-35°	1	1	1	2	2	3	3	3	4	4	4
-36.25°	1	1	1	2	2	3	3	3	4	4	4
-37.5°	1	1	1	2	2	2	3	3	4	4	4
-38.75°	1	1	1	1	2	2	3	3	3	4	4
-40°	1	1	1	1	2	2	3	3	3	4	4
-41.25°	1	1	1	1	2	2	2	3	3	4	4
-42.5°	1	1	1	1	2	2	2	3	3	3	4
-43.75°	1	1	1	1	1	2	2	3	3	3	4
-45°	1	1	1	1	1	2	2	2	3	3	3
-46.25°	1	1	1	1	1	2	2	2	3	3	3
-47.5°	1	1	1	1	1	1	2	2	2	3	3
-48.75°	1	1	1	1	1	1	2	2	2	3	3
-50°	1	1	1	1	1	1	1	2	2	2	3
-51.25°	1	1	1	1	1	1	1	2	2	2	3
-52.5°	1	1	1	1	1	1	1	1	2	2	2
-53.75°	1	1	1	1	1	1	1	1	2	2	2
-55°	1	1	1	1	1	1	1	1	1	2	2
-56.25°	1	1	1	1	1	1	1	1	1	1	2
-57.5°	1	1	1	1	1	1	1	1	1	1	2
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	0	1	1	1	1	1	1	1	1	1	1
-76.25°	0	0	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	1	1	1	1	1	1	1



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)

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



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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	1	1	1
82.5°	0	0	0	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	2	2
66.25°	1	1	1	1	1	1	1	2	2	2	2
65°	1	1	1	1	1	1	2	2	2	2	2
63.75°	1	1	1	1	2	2	2	2	2	3	3
62.5°	1	1	1	2	2	2	2	2	3	3	3
61.25°	1	1	2	2	2	2	3	3	3	3	3
60°	1	2	2	2	2	3	3	3	3	3	4
58.75°	2	2	2	2	3	3	3	3	4	4	4
57.5°	2	2	2	3	3	3	3	4	4	4	4
56.25°	2	2	3	3	3	3	4	4	4	4	4
55°	2	3	3	3	3	4	4	4	4	4	4
53.75°	2	3	3	3	4	4	4	4	4	4	4
52.5°	3	3	3	4	4	4	4	4	4	4	4
51.25°	3	3	3	4	4	4	4	4	4	4	5
50°	3	3	4	4	4	4	4	4	4	5	5
48.75°	3	4	4	4	4	4	4	4	5	5	5
47.5°	3	4	4	4	4	4	4	5	5	5	5
46.25°	4	4	4	4	4	4	5	5	5	5	5
45°	4	4	4	4	4	4	5	5	5	5	5
43.75°	4	4	4	4	4	5	5	5	5	5	5
42.5°	4	4	4	4	5	5	5	5	5	5	6
41.25°	4	4	4	4	5	5	5	5	5	5	6
40°	4	4	4	5	5	5	5	5	5	6	6
38.75°	4	4	4	5	5	5	5	5	6	6	6
37.5°	4	4	5	5	5	5	5	5	6	6	7
36.25°	4	4	5	5	5	5	5	6	6	6	7
35°	4	4	5	5	5	5	5	6	6	7	8



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	4	5	5	5	5	5	6	6	7	7	8
32.5°	4	5	5	5	5	5	6	6	7	8	11
31.25°	5	5	5	5	5	6	6	7	7	8	16
30°	5	5	5	5	5	6	6	7	8	11	20
28.75°	5	5	5	5	5	6	6	7	8	15	24
27.5°	5	5	5	5	6	6	7	8	10	19	28
26.25°	5	5	5	5	6	6	7	8	13	23	32
25°	5	5	5	5	6	6	7	8	17	26	35
23.75°	5	5	5	6	6	7	8	11	20	30	38
22.5°	5	5	5	6	6	7	8	14	23	33	41
21.25°	5	5	5	6	6	7	8	17	26	36	44
20°	5	5	5	6	6	7	9	19	29	38	47
18.75°	5	5	6	6	7	8	12	22	32	41	50
17.5°	5	5	6	6	7	8	14	24	34	43	52
16.25°	5	5	6	6	7	8	16	27	36	45	54
15°	5	5	6	6	7	8	18	29	38	48	56
13.75°	5	5	6	6	7	10	20	31	40	49	58
12.5°	5	5	6	7	8	11	22	32	42	51	60
11.25°	5	5	6	7	8	13	23	34	43	53	61
10°	5	6	6	7	8	14	25	35	45	54	62
8.75°	5	6	6	7	8	15	26	36	46	55	64
7.5°	5	6	6	7	8	16	27	37	47	56	65
6.25°	5	6	6	7	8	17	28	38	48	57	65
5°	5	6	6	7	8	18	29	39	49	57	66
3.75°	5	6	6	7	8	18	29	39	49	58	67
2.5°	5	6	6	7	8	19	30	40	50	58	67
1.25°	5	6	6	7	8	19	30	40	50	59	67
0°	5	6	6	7	8	19	30	40	50	59	67
-1.25°	5	6	6	7	8	19	30	40	50	59	67
-2.5°	5	6	6	7	8	19	30	40	50	58	67
-3.75°	5	6	6	7	8	18	29	39	49	58	67
-5°	5	6	6	7	8	18	29	39	49	57	66
-6.25°	5	6	6	7	8	17	28	38	48	57	65
-7.5°	5	6	6	7	8	16	27	37	47	56	65
-8.75°	5	6	6	7	8	15	26	36	46	55	64
-10°	5	6	6	7	8	14	25	35	45	54	62
-11.25°	5	5	6	7	8	13	23	34	43	53	61
-12.5°	5	5	6	7	8	11	22	32	42	51	60
-13.75°	5	5	6	6	7	10	20	31	40	49	58
-15°	5	5	6	6	7	8	18	29	38	48	56
-16.25°	5	5	6	6	7	8	16	27	36	45	54
-17.5°	5	5	6	6	7	8	14	24	34	43	52
-18.75°	5	5	6	6	7	8	12	22	32	41	50
-20°	5	5	5	6	6	7	9	19	29	38	47
-21.25°	5	5	5	6	6	7	8	17	26	36	44



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	5	5	5	6	6	7	8	14	23	33	41
-23.75°	5	5	5	6	6	7	8	11	20	30	38
-25°	5	5	5	5	6	6	7	8	17	26	35
-26.25°	5	5	5	5	6	6	7	8	13	23	32
-27.5°	5	5	5	5	6	6	7	8	10	19	28
-28.75°	5	5	5	5	5	6	6	7	8	15	24
-30°	5	5	5	5	5	6	6	7	8	11	20
-31.25°	5	5	5	5	5	6	6	7	7	8	16
-32.5°	4	5	5	5	5	5	6	6	7	8	11
-33.75°	4	5	5	5	5	5	6	6	7	7	8
-35°	4	4	5	5	5	5	5	6	6	7	8
-36.25°	4	4	5	5	5	5	5	6	6	6	7
-37.5°	4	4	5	5	5	5	5	5	6	6	7
-38.75°	4	4	4	5	5	5	5	5	6	6	6
-40°	4	4	4	5	5	5	5	5	5	6	6
-41.25°	4	4	4	4	5	5	5	5	5	5	6
-42.5°	4	4	4	4	5	5	5	5	5	5	6
-43.75°	4	4	4	4	4	5	5	5	5	5	5
-45°	4	4	4	4	4	4	5	5	5	5	5
-46.25°	4	4	4	4	4	4	5	5	5	5	5
-47.5°	3	4	4	4	4	4	4	5	5	5	5
-48.75°	3	4	4	4	4	4	4	4	5	5	5
-50°	3	3	4	4	4	4	4	4	4	5	5
-51.25°	3	3	3	4	4	4	4	4	4	4	5
-52.5°	3	3	3	4	4	4	4	4	4	4	4
-53.75°	2	3	3	3	4	4	4	4	4	4	4
-55°	2	3	3	3	3	4	4	4	4	4	4
-56.25°	2	2	3	3	3	3	4	4	4	4	4
-57.5°	2	2	2	3	3	3	3	4	4	4	4
-58.75°	2	2	2	2	3	3	3	3	4	4	4
-60°	1	2	2	2	2	3	3	3	3	3	4
-61.25°	1	1	2	2	2	2	3	3	3	3	3
-62.5°	1	1	1	2	2	2	2	2	3	3	3
-63.75°	1	1	1	1	2	2	2	2	2	3	3
-65°	1	1	1	1	1	1	2	2	2	2	2
-66.25°	1	1	1	1	1	1	1	2	2	2	2
-67.5°	1	1	1	1	1	1	1	1	1	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)

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



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	2	2
71.25°	1	1	1	1	1	2	2	2	2	2	2
70°	1	1	2	2	2	2	2	2	2	2	3
68.75°	2	2	2	2	2	2	2	3	3	3	3
67.5°	2	2	2	2	3	3	3	3	3	3	3
66.25°	2	2	3	3	3	3	3	3	3	4	4
65°	3	3	3	3	3	3	4	4	4	4	4
63.75°	3	3	3	3	4	4	4	4	4	4	4
62.5°	3	3	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	4	4
60°	4	4	4	4	4	4	4	4	4	5	5
58.75°	4	4	4	4	4	4	4	5	5	5	5
57.5°	4	4	4	4	4	5	5	5	5	5	5
56.25°	4	4	4	4	5	5	5	5	5	5	5
55°	4	4	5	5	5	5	5	5	5	5	5
53.75°	4	5	5	5	5	5	5	5	5	5	6
52.5°	5	5	5	5	5	5	5	5	6	6	6
51.25°	5	5	5	5	5	5	5	6	6	6	6
50°	5	5	5	5	5	6	6	6	6	7	7
48.75°	5	5	5	5	6	6	6	6	7	7	8
47.5°	5	5	5	6	6	6	7	7	8	8	13
46.25°	5	5	6	6	6	7	7	8	9	15	20
45°	5	6	6	6	7	7	8	11	17	22	28
43.75°	6	6	6	7	7	8	12	18	24	30	35
42.5°	6	6	7	7	8	12	18	25	31	36	42
41.25°	6	7	7	8	12	18	25	31	37	43	49
40°	6	7	8	11	18	25	31	37	43	49	55
38.75°	7	8	9	17	24	31	37	43	50	55	60
37.5°	7	8	15	22	30	36	43	49	55	61	66
36.25°	8	13	20	28	35	42	49	55	60	66	72
35°	10	18	26	33	40	47	54	60	65	71	77



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	15	23	31	38	45	52	58	64	71	77	82
32.5°	20	28	35	43	50	57	63	69	75	82	88
31.25°	24	32	40	47	54	61	67	74	80	87	94
30°	29	37	44	52	59	65	72	79	85	93	100
28.75°	33	41	48	56	63	69	76	83	91	98	106
27.5°	36	44	52	59	66	73	80	88	96	104	113
26.25°	40	48	56	63	70	77	84	93	101	110	120
25°	44	52	59	66	74	81	89	97	106	117	127
23.75°	47	55	62	70	77	85	93	102	112	123	134
22.5°	50	58	65	73	81	89	98	107	118	129	144
21.25°	53	61	68	76	84	93	102	112	124	136	153
20°	55	63	71	79	87	96	106	117	129	145	162
18.75°	58	66	74	82	91	100	110	122	135	153	171
17.5°	60	68	76	85	94	103	115	127	142	161	180
16.25°	62	71	79	87	97	107	119	131	149	168	189
15°	64	73	81	90	100	110	123	137	156	175	198
13.75°	66	75	83	93	102	114	127	143	162	183	206
12.5°	68	76	85	95	105	117	130	148	168	190	214
11.25°	70	78	87	97	107	120	133	153	173	197	221
10°	71	80	89	99	110	123	137	157	178	203	228
8.75°	72	81	90	100	112	125	141	161	183	208	235
7.5°	73	82	92	102	114	127	145	165	188	212	241
6.25°	74	83	93	103	116	129	147	168	191	216	246
5°	75	84	94	104	117	130	150	170	194	220	251
3.75°	76	84	95	105	118	132	151	172	197	222	254
2.5°	76	85	95	106	119	132	153	173	199	224	257
1.25°	76	85	95	106	119	133	153	174	200	225	258
0°	76	85	96	106	120	133	154	175	200	225	259
-1.25°	76	85	95	106	119	133	153	174	200	225	258
-2.5°	76	85	95	106	119	132	153	173	199	224	257
-3.75°	76	84	95	105	118	132	151	172	197	222	254
-5°	75	84	94	104	117	130	150	170	194	220	251
-6.25°	74	83	93	103	116	129	147	168	191	216	246
-7.5°	73	82	92	102	114	127	145	165	188	212	241
-8.75°	72	81	90	100	112	125	141	161	183	208	235
-10°	71	80	89	99	110	123	137	157	178	203	228
-11.25°	70	78	87	97	107	120	133	153	173	197	221
-12.5°	68	76	85	95	105	117	130	148	168	190	214
-13.75°	66	75	83	93	102	114	127	143	162	183	206
-15°	64	73	81	90	100	110	123	137	156	175	198
-16.25°	62	71	79	87	97	107	119	131	149	168	189
-17.5°	60	68	76	85	94	103	115	127	142	161	180
-18.75°	58	66	74	82	91	100	110	122	135	153	171
-20°	55	63	71	79	87	96	106	117	129	145	162
-21.25°	53	61	68	76	84	93	102	112	124	136	153



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	50	58	65	73	81	89	98	107	118	129	144
-23.75°	47	55	62	70	77	85	93	102	112	123	134
-25°	44	52	59	66	74	81	89	97	106	117	127
-26.25°	40	48	56	63	70	77	84	93	101	110	120
-27.5°	36	44	52	59	66	73	80	88	96	104	113
-28.75°	33	41	48	56	63	69	76	83	91	98	106
-30°	29	37	44	52	59	65	72	79	85	93	100
-31.25°	24	32	40	47	54	61	67	74	80	87	94
-32.5°	20	28	35	43	50	57	63	69	75	82	88
-33.75°	15	23	31	38	45	52	58	64	71	77	82
-35°	10	18	26	33	40	47	54	60	65	71	77
-36.25°	8	13	20	28	35	42	49	55	60	66	72
-37.5°	7	8	15	22	30	36	43	49	55	61	66
-38.75°	7	8	9	17	24	31	37	43	50	55	60
-40°	6	7	8	11	18	25	31	37	43	49	55
-41.25°	6	7	7	8	12	18	25	31	37	43	49
-42.5°	6	6	7	7	8	12	18	25	31	36	42
-43.75°	6	6	6	7	7	8	12	18	24	30	35
-45°	5	6	6	6	7	7	8	11	17	22	28
-46.25°	5	5	6	6	6	7	7	8	9	15	20
-47.5°	5	5	5	6	6	6	7	7	8	8	13
-48.75°	5	5	5	5	6	6	6	6	7	7	8
-50°	5	5	5	5	5	6	6	6	6	7	7
-51.25°	5	5	5	5	5	5	5	6	6	6	6
-52.5°	5	5	5	5	5	5	5	5	6	6	6
-53.75°	4	5	5	5	5	5	5	5	5	5	6
-55°	4	4	5	5	5	5	5	5	5	5	5
-56.25°	4	4	4	4	5	5	5	5	5	5	5
-57.5°	4	4	4	4	4	5	5	5	5	5	5
-58.75°	4	4	4	4	4	4	4	5	5	5	5
-60°	4	4	4	4	4	4	4	4	4	5	5
-61.25°	4	4	4	4	4	4	4	4	4	4	4
-62.5°	3	3	4	4	4	4	4	4	4	4	4
-63.75°	3	3	3	3	4	4	4	4	4	4	4
-65°	3	3	3	3	3	3	4	4	4	4	4
-66.25°	2	2	3	3	3	3	3	3	3	4	4
-67.5°	2	2	2	2	3	3	3	3	3	3	3
-68.75°	2	2	2	2	2	2	2	3	3	3	3
-70°	1	1	2	2	2	2	2	2	2	2	3
-71.25°	1	1	1	1	1	2	2	2	2	2	2
-72.5°	1	1	1	1	1	1	1	1	1	2	2
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)

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



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	2	2
73.75°	1	1	2	2	2	2	2	2	2	2	2
72.5°	2	2	2	2	2	2	2	2	2	2	3
71.25°	2	2	2	2	3	3	3	3	3	3	3
70°	3	3	3	3	3	3	3	3	3	3	4
68.75°	3	3	3	3	3	4	4	4	4	4	4
67.5°	3	4	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	4	4	4	4	4	4	4	4	4	4	4
63.75°	4	4	4	4	4	4	4	5	5	5	5
62.5°	4	4	4	5	5	5	5	5	5	5	5
61.25°	4	5	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	6	6
57.5°	5	5	5	5	5	5	6	6	6	6	6
56.25°	5	5	5	6	6	6	6	6	6	7	7
55°	5	6	6	6	6	6	7	7	7	8	8
53.75°	6	6	6	7	7	7	8	8	8	11	14
52.5°	6	7	7	7	8	8	10	13	17	20	23
51.25°	7	7	8	8	11	15	19	23	26	30	33
50°	8	8	11	16	20	24	28	32	35	38	41
48.75°	10	15	20	24	29	33	36	40	44	47	50
47.5°	18	23	28	32	37	41	44	48	52	55	58
46.25°	26	31	35	40	44	48	52	56	59	62	65
45°	33	38	43	47	52	56	59	63	66	70	73
43.75°	40	45	50	54	59	63	66	70	74	77	81
42.5°	47	52	57	61	65	69	73	77	81	85	89
41.25°	54	58	63	67	72	76	80	84	89	93	98
40°	60	64	69	74	79	83	88	93	97	102	107
38.75°	65	71	75	80	85	91	96	101	106	112	118
37.5°	71	77	82	87	93	98	104	110	117	123	129
36.25°	77	82	88	94	100	106	113	120	127	134	144
35°	83	89	95	101	108	116	123	131	140	151	161



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	89	95	102	109	117	125	133	145	156	167	178
32.5°	95	102	110	118	127	136	148	160	172	185	199
31.25°	101	109	118	127	137	150	163	176	191	205	219
30°	108	117	127	137	151	165	178	194	209	224	242
28.75°	116	125	136	150	165	179	196	212	228	248	268
27.5°	123	133	148	163	178	196	213	231	252	273	293
26.25°	131	145	160	176	194	212	231	253	275	300	336
25°	140	156	172	191	209	228	252	275	302	340	378
23.75°	151	167	185	205	224	248	273	300	340	380	433
22.5°	161	178	199	219	242	268	293	336	378	433	527
21.25°	171	191	212	234	260	287	327	371	422	521	617
20°	181	203	224	251	278	314	359	404	504	606	711
18.75°	192	214	239	267	296	344	390	476	583	689	814
17.5°	202	225	253	282	323	372	437	548	658	784	917
16.25°	212	238	267	299	349	399	503	617	740	878	1015
15°	221	250	280	323	374	447	565	683	823	967	1106
13.75°	231	262	292	345	396	503	624	757	904	1051	1189
12.5°	241	272	312	365	432	555	678	826	979	1126	1262
11.25°	251	282	329	383	477	603	738	892	1047	1194	1328
10°	259	291	345	400	518	646	793	952	1108	1253	1377
8.75°	267	304	360	425	555	686	844	1006	1162	1304	1422
7.5°	273	316	372	456	587	727	889	1053	1208	1346	1450
6.25°	279	326	383	482	615	762	927	1092	1245	1378	1473
5°	284	335	391	504	638	791	959	1124	1276	1404	1492
3.75°	287	341	398	521	655	814	984	1148	1300	1425	1505
2.5°	290	346	403	533	668	831	1001	1166	1317	1436	1514
1.25°	291	349	406	540	676	841	1012	1177	1327	1442	1520
0°	292	350	407	543	678	845	1015	1180	1331	1444	1522
-1.25°	291	349	406	540	676	841	1012	1177	1327	1442	1520
-2.5°	290	346	403	533	668	831	1001	1166	1317	1436	1514
-3.75°	287	341	398	521	655	814	984	1148	1300	1425	1505
-5°	284	335	391	504	638	791	959	1124	1276	1404	1492
-6.25°	279	326	383	482	615	762	927	1092	1245	1378	1473
-7.5°	273	316	372	456	587	727	889	1053	1208	1346	1450
-8.75°	267	304	360	425	555	686	844	1006	1162	1304	1422
-10°	259	291	345	400	518	646	793	952	1108	1253	1377
-11.25°	251	282	329	383	477	603	738	892	1047	1194	1328
-12.5°	241	272	312	365	432	555	678	826	979	1126	1262
-13.75°	231	262	292	345	396	503	624	757	904	1051	1189
-15°	221	250	280	323	374	447	565	683	823	967	1106
-16.25°	212	238	267	299	349	399	503	617	740	878	1015
-17.5°	202	225	253	282	323	372	437	548	658	784	917
-18.75°	192	214	239	267	296	344	390	476	583	689	814
-20°	181	203	224	251	278	314	359	404	504	606	711
-21.25°	171	191	212	234	260	287	327	371	422	521	617



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	161	178	199	219	242	268	293	336	378	433	527
-23.75°	151	167	185	205	224	248	273	300	340	380	433
-25°	140	156	172	191	209	228	252	275	302	340	378
-26.25°	131	145	160	176	194	212	231	253	275	300	336
-27.5°	123	133	148	163	178	196	213	231	252	273	293
-28.75°	116	125	136	150	165	179	196	212	228	248	268
-30°	108	117	127	137	151	165	178	194	209	224	242
-31.25°	101	109	118	127	137	150	163	176	191	205	219
-32.5°	95	102	110	118	127	136	148	160	172	185	199
-33.75°	89	95	102	109	117	125	133	145	156	167	178
-35°	83	89	95	101	108	116	123	131	140	151	161
-36.25°	77	82	88	94	100	106	113	120	127	134	144
-37.5°	71	77	82	87	93	98	104	110	117	123	129
-38.75°	65	71	75	80	85	91	96	101	106	112	118
-40°	60	64	69	74	79	83	88	93	97	102	107
-41.25°	54	58	63	67	72	76	80	84	89	93	98
-42.5°	47	52	57	61	65	69	73	77	81	85	89
-43.75°	40	45	50	54	59	63	66	70	74	77	81
-45°	33	38	43	47	52	56	59	63	66	70	73
-46.25°	26	31	35	40	44	48	52	56	59	62	65
-47.5°	18	23	28	32	37	41	44	48	52	55	58
-48.75°	10	15	20	24	29	33	36	40	44	47	50
-50°	8	8	11	16	20	24	28	32	35	38	41
-51.25°	7	7	8	8	11	15	19	23	26	30	33
-52.5°	6	7	7	7	8	8	10	13	17	20	23
-53.75°	6	6	6	7	7	7	8	8	8	11	14
-55°	5	6	6	6	6	6	7	7	7	8	8
-56.25°	5	5	5	6	6	6	6	6	6	7	7
-57.5°	5	5	5	5	5	5	6	6	6	6	6
-58.75°	5	5	5	5	5	5	5	5	5	6	6
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	4	5	5	5	5	5	5	5	5	5	5
-62.5°	4	4	4	5	5	5	5	5	5	5	5
-63.75°	4	4	4	4	4	4	4	5	5	5	5
-65°	4	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	3	4	4	4	4	4	4	4	4	4	4
-68.75°	3	3	3	3	3	4	4	4	4	4	4
-70°	3	3	3	3	3	3	3	3	3	3	4
-71.25°	2	2	2	2	3	3	3	3	3	3	3
-72.5°	2	2	2	2	2	2	2	2	2	2	3
-73.75°	1	1	2	2	2	2	2	2	2	2	2
-75°	1	1	1	1	1	1	1	1	1	2	2
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)

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



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	2	2	2	2	2	2	2	2	2	2	3
72.5°	3	3	3	3	3	3	3	3	3	3	3
71.25°	3	3	3	3	3	3	3	3	3	4	4
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	4	4	4	4	4	4	4	4	4	4	4
67.5°	4	4	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	4	5	5	5
65°	4	5	5	5	5	5	5	5	5	5	5
63.75°	5	5	5	5	5	5	5	5	5	5	5
62.5°	5	5	5	5	5	5	5	5	5	5	5
61.25°	5	5	5	5	5	5	5	5	5	6	6
60°	5	5	6	6	6	6	6	6	6	6	6
58.75°	6	6	6	6	6	6	6	7	7	7	7
57.5°	6	6	7	7	7	7	7	8	8	8	8
56.25°	7	7	8	8	8	8	10	11	13	14	15
55°	8	9	12	14	16	18	20	22	23	25	26
53.75°	17	19	22	24	27	29	31	32	34	35	36
52.5°	26	29	32	34	36	38	40	42	43	45	46
51.25°	36	38	41	43	45	48	49	51	53	54	55
50°	44	47	50	52	54	56	58	60	61	62	64
48.75°	53	55	58	60	62	64	66	68	70	71	72
47.5°	61	63	66	68	71	73	75	76	78	80	81
46.25°	68	71	74	76	79	81	83	85	87	89	90
45°	76	79	82	85	87	90	93	95	97	99	100
43.75°	84	87	91	94	97	100	102	105	107	110	112
42.5°	93	96	100	103	107	110	114	117	120	123	125
41.25°	102	106	110	115	119	123	127	130	133	137	141
40°	112	117	122	127	131	137	143	148	153	157	161
38.75°	124	129	135	142	149	156	162	168	173	178	183
37.5°	136	145	153	161	168	175	183	190	197	203	208
36.25°	153	162	171	180	189	198	206	214	221	228	235
35°	171	181	192	202	212	221	231	241	251	259	267



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	191	203	214	225	238	250	262	272	282	291	304
32.5°	212	224	239	253	267	280	292	312	329	345	360
31.25°	234	251	267	282	299	323	345	365	383	400	425
30°	260	278	296	323	349	374	396	432	477	518	555
28.75°	287	314	344	372	399	447	503	555	603	646	686
27.5°	327	359	390	437	503	565	624	678	738	793	844
26.25°	371	404	476	548	617	683	757	826	892	952	1006
25°	422	504	583	658	740	823	904	979	1047	1108	1162
23.75°	521	606	689	784	878	967	1051	1126	1194	1253	1304
22.5°	617	711	814	917	1015	1106	1189	1262	1328	1377	1422
21.25°	718	829	941	1047	1145	1235	1315	1378	1433	1468	1499
20°	829	949	1063	1169	1265	1349	1417	1464	1503	1535	1564
18.75°	941	1063	1177	1280	1368	1438	1487	1527	1564	1598	1630
17.5°	1047	1169	1280	1374	1447	1500	1543	1585	1625	1663	1698
16.25°	1145	1265	1368	1447	1504	1551	1598	1644	1687	1729	1770
15°	1235	1349	1438	1500	1551	1603	1653	1703	1751	1798	1837
13.75°	1315	1417	1487	1543	1598	1653	1708	1763	1814	1860	1905
12.5°	1378	1464	1527	1585	1644	1703	1763	1820	1872	1925	1980
11.25°	1433	1503	1564	1625	1687	1751	1814	1872	1932	1996	2058
10°	1468	1535	1598	1663	1729	1798	1860	1925	1996	2066	2135
8.75°	1499	1564	1630	1698	1770	1837	1905	1980	2058	2135	2206
7.5°	1523	1590	1659	1730	1805	1874	1950	2032	2116	2196	2268
6.25°	1544	1613	1684	1760	1833	1907	1991	2078	2167	2249	2320
5°	1561	1632	1706	1784	1858	1937	2027	2119	2210	2291	2362
3.75°	1575	1648	1723	1803	1878	1963	2056	2152	2244	2324	2392
2.5°	1585	1658	1736	1816	1893	1981	2077	2176	2267	2347	2414
1.25°	1592	1665	1744	1824	1902	1993	2090	2190	2281	2362	2427
0°	1594	1667	1746	1826	1905	1997	2095	2195	2286	2367	2431
-1.25°	1592	1665	1744	1824	1902	1993	2090	2190	2281	2362	2427
-2.5°	1585	1658	1736	1816	1893	1981	2077	2176	2267	2347	2414
-3.75°	1575	1648	1723	1803	1878	1963	2056	2152	2244	2324	2392
-5°	1561	1632	1706	1784	1858	1937	2027	2119	2210	2291	2362
-6.25°	1544	1613	1684	1760	1833	1907	1991	2078	2167	2249	2320
-7.5°	1523	1590	1659	1730	1805	1874	1950	2032	2116	2196	2268
-8.75°	1499	1564	1630	1698	1770	1837	1905	1980	2058	2135	2206
-10°	1468	1535	1598	1663	1729	1798	1860	1925	1996	2066	2135
-11.25°	1433	1503	1564	1625	1687	1751	1814	1872	1932	1996	2058
-12.5°	1378	1464	1527	1585	1644	1703	1763	1820	1872	1925	1980
-13.75°	1315	1417	1487	1543	1598	1653	1708	1763	1814	1860	1905
-15°	1235	1349	1438	1500	1551	1603	1653	1703	1751	1798	1837
-16.25°	1145	1265	1368	1447	1504	1551	1598	1644	1687	1729	1770
-17.5°	1047	1169	1280	1374	1447	1500	1543	1585	1625	1663	1698
-18.75°	941	1063	1177	1280	1368	1438	1487	1527	1564	1598	1630
-20°	829	949	1063	1169	1265	1349	1417	1464	1503	1535	1564
-21.25°	718	829	941	1047	1145	1235	1315	1378	1433	1468	1499



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	617	711	814	917	1015	1106	1189	1262	1328	1377	1422
-23.75°	521	606	689	784	878	967	1051	1126	1194	1253	1304
-25°	422	504	583	658	740	823	904	979	1047	1108	1162
-26.25°	371	404	476	548	617	683	757	826	892	952	1006
-27.5°	327	359	390	437	503	565	624	678	738	793	844
-28.75°	287	314	344	372	399	447	503	555	603	646	686
-30°	260	278	296	323	349	374	396	432	477	518	555
-31.25°	234	251	267	282	299	323	345	365	383	400	425
-32.5°	212	224	239	253	267	280	292	312	329	345	360
-33.75°	191	203	214	225	238	250	262	272	282	291	304
-35°	171	181	192	202	212	221	231	241	251	259	267
-36.25°	153	162	171	180	189	198	206	214	221	228	235
-37.5°	136	145	153	161	168	175	183	190	197	203	208
-38.75°	124	129	135	142	149	156	162	168	173	178	183
-40°	112	117	122	127	131	137	143	148	153	157	161
-41.25°	102	106	110	115	119	123	127	130	133	137	141
-42.5°	93	96	100	103	107	110	114	117	120	123	125
-43.75°	84	87	91	94	97	100	102	105	107	110	112
-45°	76	79	82	85	87	90	93	95	97	99	100
-46.25°	68	71	74	76	79	81	83	85	87	89	90
-47.5°	61	63	66	68	71	73	75	76	78	80	81
-48.75°	53	55	58	60	62	64	66	68	70	71	72
-50°	44	47	50	52	54	56	58	60	61	62	64
-51.25°	36	38	41	43	45	48	49	51	53	54	55
-52.5°	26	29	32	34	36	38	40	42	43	45	46
-53.75°	17	19	22	24	27	29	31	32	34	35	36
-55°	8	9	12	14	16	18	20	22	23	25	26
-56.25°	7	7	8	8	8	8	10	11	13	14	15
-57.5°	6	6	7	7	7	7	7	8	8	8	8
-58.75°	6	6	6	6	6	6	6	7	7	7	7
-60°	5	5	6	6	6	6	6	6	6	6	6
-61.25°	5	5	5	5	5	5	5	5	5	6	6
-62.5°	5	5	5	5	5	5	5	5	5	5	5
-63.75°	5	5	5	5	5	5	5	5	5	5	5
-65°	4	5	5	5	5	5	5	5	5	5	5
-66.25°	4	4	4	4	4	4	4	4	5	5	5
-67.5°	4	4	4	4	4	4	4	4	4	4	4
-68.75°	4	4	4	4	4	4	4	4	4	4	4
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	3	3	3	3	3	3	3	3	3	4	4
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	2	2	2	2	2	2	2	2	2	2	3
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)

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



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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	1	0	0	0	0
85°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	2	2	2	2	2	2	2	2	2	2
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	3	3	3	3	3	3	3	3	3	3	3
72.5°	3	3	3	3	3	3	3	3	3	3	3
71.25°	4	4	4	4	4	4	4	4	4	4	4
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	4	4	4	4	4	4	4	4	4	4	4
67.5°	4	4	4	4	4	4	4	4	4	4	4
66.25°	5	5	5	5	5	5	5	5	5	5	5
65°	5	5	5	5	5	5	5	5	5	5	5
63.75°	5	5	5	5	5	5	5	5	5	5	5
62.5°	5	5	5	5	5	5	5	5	5	5	5
61.25°	6	6	6	6	6	6	6	6	6	6	6
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°	8	8	8	8	8	8	8	8	8	8	8
56.25°	16	17	18	18	19	19	19	19	19	18	18
55°	27	28	29	29	30	30	30	30	30	29	29
53.75°	37	38	39	39	40	40	40	40	40	39	39
52.5°	47	48	49	49	50	50	50	50	50	49	49
51.25°	56	57	57	58	58	59	59	59	58	58	57
50°	65	65	66	67	67	67	67	67	67	67	66
48.75°	73	74	75	76	76	76	76	76	76	76	75
47.5°	82	83	84	84	85	85	85	85	85	84	84
46.25°	92	93	94	95	95	95	96	95	95	95	94
45°	102	103	104	105	106	106	106	106	106	105	104
43.75°	114	116	117	118	119	119	120	119	119	118	117
42.5°	127	129	130	132	132	133	133	133	132	132	130
41.25°	145	147	150	151	153	153	154	153	153	151	150
40°	165	168	170	172	173	174	175	174	173	172	170
38.75°	188	191	194	197	199	200	200	200	199	197	194
37.5°	212	216	220	222	224	225	225	225	224	222	220
36.25°	241	246	251	254	257	258	259	258	257	254	251
35°	273	279	284	287	290	291	292	291	290	287	284



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	316	326	335	341	346	349	350	349	346	341	335
32.5°	372	383	391	398	403	406	407	406	403	398	391
31.25°	456	482	504	521	533	540	543	540	533	521	504
30°	587	615	638	655	668	676	678	676	668	655	638
28.75°	727	762	791	814	831	841	845	841	831	814	791
27.5°	889	927	959	984	1001	1012	1015	1012	1001	984	959
26.25°	1053	1092	1124	1148	1166	1177	1180	1177	1166	1148	1124
25°	1208	1245	1276	1300	1317	1327	1331	1327	1317	1300	1276
23.75°	1346	1378	1404	1425	1436	1442	1444	1442	1436	1425	1404
22.5°	1450	1473	1492	1505	1514	1520	1522	1520	1514	1505	1492
21.25°	1523	1544	1561	1575	1585	1592	1594	1592	1585	1575	1561
20°	1590	1613	1632	1648	1658	1665	1667	1665	1658	1648	1632
18.75°	1659	1684	1706	1723	1736	1744	1746	1744	1736	1723	1706
17.5°	1730	1760	1784	1803	1816	1824	1826	1824	1816	1803	1784
16.25°	1805	1833	1858	1878	1893	1902	1905	1902	1893	1878	1858
15°	1874	1907	1937	1963	1981	1993	1997	1993	1981	1963	1937
13.75°	1950	1991	2027	2056	2077	2090	2095	2090	2077	2056	2027
12.5°	2032	2078	2119	2152	2176	2190	2195	2190	2176	2152	2119
11.25°	2116	2167	2210	2244	2267	2281	2286	2281	2267	2244	2210
10°	2196	2249	2291	2324	2347	2362	2367	2362	2347	2324	2291
8.75°	2268	2320	2362	2392	2414	2427	2431	2427	2414	2392	2362
7.5°	2329	2380	2419	2449	2471	2482	2485	2482	2471	2449	2419
6.25°	2380	2428	2467	2493	2510	2518	2521	2518	2510	2493	2467
5°	2419	2467	2501	2521	2529	2533	2534	2533	2529	2521	2501
3.75°	2449	2493	2521	2531	2535	2535	2534	2535	2535	2531	2521
2.5°	2471	2510	2529	2535	2532	2526	2523	2526	2532	2535	2529
1.25°	2482	2518	2533	2535	2526	2518	2517	2518	2526	2535	2533
0°	2485	2521	2534	2534	2523	2517	2524	2517	2523	2534	2534
-1.25°	2482	2518	2533	2535	2526	2518	2517	2518	2526	2535	2533
-2.5°	2471	2510	2529	2535	2532	2526	2523	2526	2532	2535	2529
-3.75°	2449	2493	2521	2531	2535	2535	2534	2535	2535	2531	2521
-5°	2419	2467	2501	2521	2529	2533	2534	2533	2529	2521	2501
-6.25°	2380	2428	2467	2493	2510	2518	2521	2518	2510	2493	2467
-7.5°	2329	2380	2419	2449	2471	2482	2485	2482	2471	2449	2419
-8.75°	2268	2320	2362	2392	2414	2427	2431	2427	2414	2392	2362
-10°	2196	2249	2291	2324	2347	2362	2367	2362	2347	2324	2291
-11.25°	2116	2167	2210	2244	2267	2281	2286	2281	2267	2244	2210
-12.5°	2032	2078	2119	2152	2176	2190	2195	2190	2176	2152	2119
-13.75°	1950	1991	2027	2056	2077	2090	2095	2090	2077	2056	2027
-15°	1874	1907	1937	1963	1981	1993	1997	1993	1981	1963	1937
-16.25°	1805	1833	1858	1878	1893	1902	1905	1902	1893	1878	1858
-17.5°	1730	1760	1784	1803	1816	1824	1826	1824	1816	1803	1784
-18.75°	1659	1684	1706	1723	1736	1744	1746	1744	1736	1723	1706
-20°	1590	1613	1632	1648	1658	1665	1667	1665	1658	1648	1632
-21.25°	1523	1544	1561	1575	1585	1592	1594	1592	1585	1575	1561



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	1450	1473	1492	1505	1514	1520	1522	1520	1514	1505	1492
-23.75°	1346	1378	1404	1425	1436	1442	1444	1442	1436	1425	1404
-25°	1208	1245	1276	1300	1317	1327	1331	1327	1317	1300	1276
-26.25°	1053	1092	1124	1148	1166	1177	1180	1177	1166	1148	1124
-27.5°	889	927	959	984	1001	1012	1015	1012	1001	984	959
-28.75°	727	762	791	814	831	841	845	841	831	814	791
-30°	587	615	638	655	668	676	678	676	668	655	638
-31.25°	456	482	504	521	533	540	543	540	533	521	504
-32.5°	372	383	391	398	403	406	407	406	403	398	391
-33.75°	316	326	335	341	346	349	350	349	346	341	335
-35°	273	279	284	287	290	291	292	291	290	287	284
-36.25°	241	246	251	254	257	258	259	258	257	254	251
-37.5°	212	216	220	222	224	225	225	225	224	222	220
-38.75°	188	191	194	197	199	200	200	200	199	197	194
-40°	165	168	170	172	173	174	175	174	173	172	170
-41.25°	145	147	150	151	153	153	154	153	153	151	150
-42.5°	127	129	130	132	132	133	133	133	132	132	130
-43.75°	114	116	117	118	119	119	120	119	119	118	117
-45°	102	103	104	105	106	106	106	106	106	105	104
-46.25°	92	93	94	95	95	95	96	95	95	95	94
-47.5°	82	83	84	84	85	85	85	85	85	84	84
-48.75°	73	74	75	76	76	76	76	76	76	76	75
-50°	65	65	66	67	67	67	67	67	67	67	66
-51.25°	56	57	57	58	58	59	59	59	58	58	57
-52.5°	47	48	49	49	50	50	50	50	50	49	49
-53.75°	37	38	39	39	40	40	40	40	40	39	39
-55°	27	28	29	29	30	30	30	30	30	29	29
-56.25°	16	17	18	18	19	19	19	19	19	18	18
-57.5°	8	8	8	8	8	8	8	8	8	8	8
-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°	6	6	6	6	6	6	6	6	6	6	6
-62.5°	5	5	5	5	5	5	5	5	5	5	5
-63.75°	5	5	5	5	5	5	5	5	5	5	5
-65°	5	5	5	5	5	5	5	5	5	5	5
-66.25°	5	5	5	5	5	5	5	5	5	5	5
-67.5°	4	4	4	4	4	4	4	4	4	4	4
-68.75°	4	4	4	4	4	4	4	4	4	4	4
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	4	4	4	4	4	4	4	4	4	4	4
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	3	3	3	3	3	3	3	3	3	3	3
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	1	2	2	2	2	2	2	2	2	2	2
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)

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



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	2	1	1	1	1	1	1	1	1	1	1
75°	2	2	2	2	2	2	2	2	2	2	2
73.75°	3	3	3	2	2	2	2	2	2	2	2
72.5°	3	3	3	3	3	3	3	3	3	3	3
71.25°	4	4	4	4	3	3	3	3	3	3	3
70°	4	4	4	4	4	4	4	4	4	4	4
68.75°	4	4	4	4	4	4	4	4	4	4	4
67.5°	4	4	4	4	4	4	4	4	4	4	4
66.25°	5	5	5	5	5	4	4	4	4	4	4
65°	5	5	5	5	5	5	5	5	5	5	5
63.75°	5	5	5	5	5	5	5	5	5	5	5
62.5°	5	5	5	5	5	5	5	5	5	5	5
61.25°	6	6	6	6	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	6	6	6	6	6
57.5°	8	8	8	8	8	8	7	7	7	7	7
56.25°	17	16	15	14	13	11	10	8	8	8	8
55°	28	27	26	25	23	22	20	18	16	14	12
53.75°	38	37	36	35	34	32	31	29	27	24	22
52.5°	48	47	46	45	43	42	40	38	36	34	32
51.25°	57	56	55	54	53	51	49	48	45	43	41
50°	65	65	64	62	61	60	58	56	54	52	50
48.75°	74	73	72	71	70	68	66	64	62	60	58
47.5°	83	82	81	80	78	76	75	73	71	68	66
46.25°	93	92	90	89	87	85	83	81	79	76	74
45°	103	102	100	99	97	95	93	90	87	85	82
43.75°	116	114	112	110	107	105	102	100	97	94	91
42.5°	129	127	125	123	120	117	114	110	107	103	100
41.25°	147	145	141	137	133	130	127	123	119	115	110
40°	168	165	161	157	153	148	143	137	131	127	122
38.75°	191	188	183	178	173	168	162	156	149	142	135
37.5°	216	212	208	203	197	190	183	175	168	161	153
36.25°	246	241	235	228	221	214	206	198	189	180	171
35°	279	273	267	259	251	241	231	221	212	202	192



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	326	316	304	291	282	272	262	250	238	225	214
32.5°	383	372	360	345	329	312	292	280	267	253	239
31.25°	482	456	425	400	383	365	345	323	299	282	267
30°	615	587	555	518	477	432	396	374	349	323	296
28.75°	762	727	686	646	603	555	503	447	399	372	344
27.5°	927	889	844	793	738	678	624	565	503	437	390
26.25°	1092	1053	1006	952	892	826	757	683	617	548	476
25°	1245	1208	1162	1108	1047	979	904	823	740	658	583
23.75°	1378	1346	1304	1253	1194	1126	1051	967	878	784	689
22.5°	1473	1450	1422	1377	1328	1262	1189	1106	1015	917	814
21.25°	1544	1523	1499	1468	1433	1378	1315	1235	1145	1047	941
20°	1613	1590	1564	1535	1503	1464	1417	1349	1265	1169	1063
18.75°	1684	1659	1630	1598	1564	1527	1487	1438	1368	1280	1177
17.5°	1760	1730	1698	1663	1625	1585	1543	1500	1447	1374	1280
16.25°	1833	1805	1770	1729	1687	1644	1598	1551	1504	1447	1368
15°	1907	1874	1837	1798	1751	1703	1653	1603	1551	1500	1438
13.75°	1991	1950	1905	1860	1814	1763	1708	1653	1598	1543	1487
12.5°	2078	2032	1980	1925	1872	1820	1763	1703	1644	1585	1527
11.25°	2167	2116	2058	1996	1932	1872	1814	1751	1687	1625	1564
10°	2249	2196	2135	2066	1996	1925	1860	1798	1729	1663	1598
8.75°	2320	2268	2206	2135	2058	1980	1905	1837	1770	1698	1630
7.5°	2380	2329	2268	2196	2116	2032	1950	1874	1805	1730	1659
6.25°	2428	2380	2320	2249	2167	2078	1991	1907	1833	1760	1684
5°	2467	2419	2362	2291	2210	2119	2027	1937	1858	1784	1706
3.75°	2493	2449	2392	2324	2244	2152	2056	1963	1878	1803	1723
2.5°	2510	2471	2414	2347	2267	2176	2077	1981	1893	1816	1736
1.25°	2518	2482	2427	2362	2281	2190	2090	1993	1902	1824	1744
0°	2521	2485	2431	2367	2286	2195	2095	1997	1905	1826	1746
-1.25°	2518	2482	2427	2362	2281	2190	2090	1993	1902	1824	1744
-2.5°	2510	2471	2414	2347	2267	2176	2077	1981	1893	1816	1736
-3.75°	2493	2449	2392	2324	2244	2152	2056	1963	1878	1803	1723
-5°	2467	2419	2362	2291	2210	2119	2027	1937	1858	1784	1706
-6.25°	2428	2380	2320	2249	2167	2078	1991	1907	1833	1760	1684
-7.5°	2380	2329	2268	2196	2116	2032	1950	1874	1805	1730	1659
-8.75°	2320	2268	2206	2135	2058	1980	1905	1837	1770	1698	1630
-10°	2249	2196	2135	2066	1996	1925	1860	1798	1729	1663	1598
-11.25°	2167	2116	2058	1996	1932	1872	1814	1751	1687	1625	1564
-12.5°	2078	2032	1980	1925	1872	1820	1763	1703	1644	1585	1527
-13.75°	1991	1950	1905	1860	1814	1763	1708	1653	1598	1543	1487
-15°	1907	1874	1837	1798	1751	1703	1653	1603	1551	1500	1438
-16.25°	1833	1805	1770	1729	1687	1644	1598	1551	1504	1447	1368
-17.5°	1760	1730	1698	1663	1625	1585	1543	1500	1447	1374	1280
-18.75°	1684	1659	1630	1598	1564	1527	1487	1438	1368	1280	1177
-20°	1613	1590	1564	1535	1503	1464	1417	1349	1265	1169	1063
-21.25°	1544	1523	1499	1468	1433	1378	1315	1235	1145	1047	941



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	1473	1450	1422	1377	1328	1262	1189	1106	1015	917	814
-23.75°	1378	1346	1304	1253	1194	1126	1051	967	878	784	689
-25°	1245	1208	1162	1108	1047	979	904	823	740	658	583
-26.25°	1092	1053	1006	952	892	826	757	683	617	548	476
-27.5°	927	889	844	793	738	678	624	565	503	437	390
-28.75°	762	727	686	646	603	555	503	447	399	372	344
-30°	615	587	555	518	477	432	396	374	349	323	296
-31.25°	482	456	425	400	383	365	345	323	299	282	267
-32.5°	383	372	360	345	329	312	292	280	267	253	239
-33.75°	326	316	304	291	282	272	262	250	238	225	214
-35°	279	273	267	259	251	241	231	221	212	202	192
-36.25°	246	241	235	228	221	214	206	198	189	180	171
-37.5°	216	212	208	203	197	190	183	175	168	161	153
-38.75°	191	188	183	178	173	168	162	156	149	142	135
-40°	168	165	161	157	153	148	143	137	131	127	122
-41.25°	147	145	141	137	133	130	127	123	119	115	110
-42.5°	129	127	125	123	120	117	114	110	107	103	100
-43.75°	116	114	112	110	107	105	102	100	97	94	91
-45°	103	102	100	99	97	95	93	90	87	85	82
-46.25°	93	92	90	89	87	85	83	81	79	76	74
-47.5°	83	82	81	80	78	76	75	73	71	68	66
-48.75°	74	73	72	71	70	68	66	64	62	60	58
-50°	65	65	64	62	61	60	58	56	54	52	50
-51.25°	57	56	55	54	53	51	49	48	45	43	41
-52.5°	48	47	46	45	43	42	40	38	36	34	32
-53.75°	38	37	36	35	34	32	31	29	27	24	22
-55°	28	27	26	25	23	22	20	18	16	14	12
-56.25°	17	16	15	14	13	11	10	8	8	8	8
-57.5°	8	8	8	8	8	8	7	7	7	7	7
-58.75°	7	7	7	7	7	7	6	6	6	6	6
-60°	6	6	6	6	6	6	6	6	6	6	6
-61.25°	6	6	6	6	5	5	5	5	5	5	5
-62.5°	5	5	5	5	5	5	5	5	5	5	5
-63.75°	5	5	5	5	5	5	5	5	5	5	5
-65°	5	5	5	5	5	5	5	5	5	5	5
-66.25°	5	5	5	5	5	4	4	4	4	4	4
-67.5°	4	4	4	4	4	4	4	4	4	4	4
-68.75°	4	4	4	4	4	4	4	4	4	4	4
-70°	4	4	4	4	4	4	4	4	4	4	4
-71.25°	4	4	4	4	3	3	3	3	3	3	3
-72.5°	3	3	3	3	3	3	3	3	3	3	3
-73.75°	3	3	3	2	2	2	2	2	2	2	2
-75°	2	2	2	2	2	2	2	2	2	2	2
-76.25°	2	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: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)

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



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	1	1	1	1	1	1	1	1	1	1	1
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	2	2	2	2	1	1	1	1	1	1	1
73.75°	2	2	2	2	2	2	2	2	2	2	2
72.5°	3	3	3	2	2	2	2	2	2	2	2
71.25°	3	3	3	3	3	3	3	3	3	2	2
70°	4	4	4	3	3	3	3	3	3	3	3
68.75°	4	4	4	4	4	4	4	4	3	3	3
67.5°	4	4	4	4	4	4	4	4	4	4	4
66.25°	4	4	4	4	4	4	4	4	4	4	4
65°	5	4	4	4	4	4	4	4	4	4	4
63.75°	5	5	5	5	5	5	4	4	4	4	4
62.5°	5	5	5	5	5	5	5	5	5	5	4
61.25°	5	5	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	6	6	6	6	5	5	5	5	5	5	5
57.5°	6	6	6	6	6	6	6	5	5	5	5
56.25°	7	7	7	7	6	6	6	6	6	6	5
55°	9	8	8	8	7	7	7	6	6	6	6
53.75°	19	17	14	11	8	8	8	7	7	7	6
52.5°	29	26	23	20	17	13	10	8	8	7	7
51.25°	38	36	33	30	26	23	19	15	11	8	8
50°	47	44	41	38	35	32	28	24	20	16	11
48.75°	55	53	50	47	44	40	36	33	29	24	20
47.5°	63	61	58	55	52	48	44	41	37	32	28
46.25°	71	68	65	62	59	56	52	48	44	40	35
45°	79	76	73	70	66	63	59	56	52	47	43
43.75°	87	84	81	77	74	70	66	63	59	54	50
42.5°	96	93	89	85	81	77	73	69	65	61	57
41.25°	106	102	98	93	89	84	80	76	72	67	63
40°	117	112	107	102	97	93	88	83	79	74	69
38.75°	129	124	118	112	106	101	96	91	85	80	75
37.5°	145	136	129	123	117	110	104	98	93	87	82
36.25°	162	153	144	134	127	120	113	106	100	94	88
35°	181	171	161	151	140	131	123	116	108	101	95



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	203	191	178	167	156	145	133	125	117	109	102
32.5°	224	212	199	185	172	160	148	136	127	118	110
31.25°	251	234	219	205	191	176	163	150	137	127	118
30°	278	260	242	224	209	194	178	165	151	137	127
28.75°	314	287	268	248	228	212	196	179	165	150	136
27.5°	359	327	293	273	252	231	213	196	178	163	148
26.25°	404	371	336	300	275	253	231	212	194	176	160
25°	504	422	378	340	302	275	252	228	209	191	172
23.75°	606	521	433	380	340	300	273	248	224	205	185
22.5°	711	617	527	433	378	336	293	268	242	219	199
21.25°	829	718	617	521	422	371	327	287	260	234	212
20°	949	829	711	606	504	404	359	314	278	251	224
18.75°	1063	941	814	689	583	476	390	344	296	267	239
17.5°	1169	1047	917	784	658	548	437	372	323	282	253
16.25°	1265	1145	1015	878	740	617	503	399	349	299	267
15°	1349	1235	1106	967	823	683	565	447	374	323	280
13.75°	1417	1315	1189	1051	904	757	624	503	396	345	292
12.5°	1464	1378	1262	1126	979	826	678	555	432	365	312
11.25°	1503	1433	1328	1194	1047	892	738	603	477	383	329
10°	1535	1468	1377	1253	1108	952	793	646	518	400	345
8.75°	1564	1499	1422	1304	1162	1006	844	686	555	425	360
7.5°	1590	1523	1450	1346	1208	1053	889	727	587	456	372
6.25°	1613	1544	1473	1378	1245	1092	927	762	615	482	383
5°	1632	1561	1492	1404	1276	1124	959	791	638	504	391
3.75°	1648	1575	1505	1425	1300	1148	984	814	655	521	398
2.5°	1658	1585	1514	1436	1317	1166	1001	831	668	533	403
1.25°	1665	1592	1520	1442	1327	1177	1012	841	676	540	406
0°	1667	1594	1522	1444	1331	1180	1015	845	678	543	407
-1.25°	1665	1592	1520	1442	1327	1177	1012	841	676	540	406
-2.5°	1658	1585	1514	1436	1317	1166	1001	831	668	533	403
-3.75°	1648	1575	1505	1425	1300	1148	984	814	655	521	398
-5°	1632	1561	1492	1404	1276	1124	959	791	638	504	391
-6.25°	1613	1544	1473	1378	1245	1092	927	762	615	482	383
-7.5°	1590	1523	1450	1346	1208	1053	889	727	587	456	372
-8.75°	1564	1499	1422	1304	1162	1006	844	686	555	425	360
-10°	1535	1468	1377	1253	1108	952	793	646	518	400	345
-11.25°	1503	1433	1328	1194	1047	892	738	603	477	383	329
-12.5°	1464	1378	1262	1126	979	826	678	555	432	365	312
-13.75°	1417	1315	1189	1051	904	757	624	503	396	345	292
-15°	1349	1235	1106	967	823	683	565	447	374	323	280
-16.25°	1265	1145	1015	878	740	617	503	399	349	299	267
-17.5°	1169	1047	917	784	658	548	437	372	323	282	253
-18.75°	1063	941	814	689	583	476	390	344	296	267	239
-20°	949	829	711	606	504	404	359	314	278	251	224
-21.25°	829	718	617	521	422	371	327	287	260	234	212



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	711	617	527	433	378	336	293	268	242	219	199
-23.75°	606	521	433	380	340	300	273	248	224	205	185
-25°	504	422	378	340	302	275	252	228	209	191	172
-26.25°	404	371	336	300	275	253	231	212	194	176	160
-27.5°	359	327	293	273	252	231	213	196	178	163	148
-28.75°	314	287	268	248	228	212	196	179	165	150	136
-30°	278	260	242	224	209	194	178	165	151	137	127
-31.25°	251	234	219	205	191	176	163	150	137	127	118
-32.5°	224	212	199	185	172	160	148	136	127	118	110
-33.75°	203	191	178	167	156	145	133	125	117	109	102
-35°	181	171	161	151	140	131	123	116	108	101	95
-36.25°	162	153	144	134	127	120	113	106	100	94	88
-37.5°	145	136	129	123	117	110	104	98	93	87	82
-38.75°	129	124	118	112	106	101	96	91	85	80	75
-40°	117	112	107	102	97	93	88	83	79	74	69
-41.25°	106	102	98	93	89	84	80	76	72	67	63
-42.5°	96	93	89	85	81	77	73	69	65	61	57
-43.75°	87	84	81	77	74	70	66	63	59	54	50
-45°	79	76	73	70	66	63	59	56	52	47	43
-46.25°	71	68	65	62	59	56	52	48	44	40	35
-47.5°	63	61	58	55	52	48	44	41	37	32	28
-48.75°	55	53	50	47	44	40	36	33	29	24	20
-50°	47	44	41	38	35	32	28	24	20	16	11
-51.25°	38	36	33	30	26	23	19	15	11	8	8
-52.5°	29	26	23	20	17	13	10	8	8	7	7
-53.75°	19	17	14	11	8	8	8	7	7	7	6
-55°	9	8	8	8	7	7	7	6	6	6	6
-56.25°	7	7	7	7	6	6	6	6	6	6	5
-57.5°	6	6	6	6	6	6	6	5	5	5	5
-58.75°	6	6	6	6	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-62.5°	5	5	5	5	5	5	5	5	5	5	4
-63.75°	5	5	5	5	5	5	4	4	4	4	4
-65°	5	4	4	4	4	4	4	4	4	4	4
-66.25°	4	4	4	4	4	4	4	4	4	4	4
-67.5°	4	4	4	4	4	4	4	4	4	4	4
-68.75°	4	4	4	4	4	4	4	4	3	3	3
-70°	4	4	4	3	3	3	3	3	3	3	3
-71.25°	3	3	3	3	3	3	3	3	3	2	2
-72.5°	3	3	3	2	2	2	2	2	2	2	2
-73.75°	2	2	2	2	2	2	2	2	2	2	2
-75°	2	2	2	2	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



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



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	1	1	1	1	1	1	1	0	0	0	0
83.75°	1	1	1	1	1	1	1	1	1	1	1
82.5°	1	1	1	1	1	1	1	1	1	1	1
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	2	2	2	2	1	1	1	1	1	1	1
71.25°	2	2	2	2	2	2	2	2	1	1	1
70°	3	3	3	2	2	2	2	2	2	2	2
68.75°	3	3	3	3	3	3	2	2	2	2	2
67.5°	4	3	3	3	3	3	3	3	3	2	2
66.25°	4	4	4	4	3	3	3	3	3	3	3
65°	4	4	4	4	4	4	4	3	3	3	3
63.75°	4	4	4	4	4	4	4	4	4	3	3
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	5	4	4	4	4	4	4	4	4	4	4
60°	5	5	5	5	4	4	4	4	4	4	4
58.75°	5	5	5	5	5	5	4	4	4	4	4
57.5°	5	5	5	5	5	5	5	5	4	4	4
56.25°	5	5	5	5	5	5	5	5	5	4	4
55°	6	5	5	5	5	5	5	5	5	5	5
53.75°	6	6	6	5	5	5	5	5	5	5	5
52.5°	7	6	6	6	6	5	5	5	5	5	5
51.25°	7	7	6	6	6	6	5	5	5	5	5
50°	8	8	7	7	6	6	6	6	5	5	5
48.75°	15	10	8	7	7	6	6	6	6	5	5
47.5°	23	18	13	8	8	7	7	6	6	6	5
46.25°	31	26	20	15	9	8	7	7	6	6	6
45°	38	33	28	22	17	11	8	7	7	6	6
43.75°	45	40	35	30	24	18	12	8	7	7	6
42.5°	52	47	42	36	31	25	18	12	8	7	7
41.25°	58	54	49	43	37	31	25	18	12	8	7
40°	64	60	55	49	43	37	31	25	18	11	8
38.75°	71	65	60	55	50	43	37	31	24	17	9
37.5°	77	71	66	61	55	49	43	36	30	22	15
36.25°	82	77	72	66	60	55	49	42	35	28	20
35°	89	83	77	71	65	60	54	47	40	33	26



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	95	89	82	77	71	64	58	52	45	38	31
32.5°	102	95	88	82	75	69	63	57	50	43	35
31.25°	109	101	94	87	80	74	67	61	54	47	40
30°	117	108	100	93	85	79	72	65	59	52	44
28.75°	125	116	106	98	91	83	76	69	63	56	48
27.5°	133	123	113	104	96	88	80	73	66	59	52
26.25°	145	131	120	110	101	93	84	77	70	63	56
25°	156	140	127	117	106	97	89	81	74	66	59
23.75°	167	151	134	123	112	102	93	85	77	70	62
22.5°	178	161	144	129	118	107	98	89	81	73	65
21.25°	191	171	153	136	124	112	102	93	84	76	68
20°	203	181	162	145	129	117	106	96	87	79	71
18.75°	214	192	171	153	135	122	110	100	91	82	74
17.5°	225	202	180	161	142	127	115	103	94	85	76
16.25°	238	212	189	168	149	131	119	107	97	87	79
15°	250	221	198	175	156	137	123	110	100	90	81
13.75°	262	231	206	183	162	143	127	114	102	93	83
12.5°	272	241	214	190	168	148	130	117	105	95	85
11.25°	282	251	221	197	173	153	133	120	107	97	87
10°	291	259	228	203	178	157	137	123	110	99	89
8.75°	304	267	235	208	183	161	141	125	112	100	90
7.5°	316	273	241	212	188	165	145	127	114	102	92
6.25°	326	279	246	216	191	168	147	129	116	103	93
5°	335	284	251	220	194	170	150	130	117	104	94
3.75°	341	287	254	222	197	172	151	132	118	105	95
2.5°	346	290	257	224	199	173	153	132	119	106	95
1.25°	349	291	258	225	200	174	153	133	119	106	95
0°	350	292	259	225	200	175	154	133	120	106	96
-1.25°	349	291	258	225	200	174	153	133	119	106	95
-2.5°	346	290	257	224	199	173	153	132	119	106	95
-3.75°	341	287	254	222	197	172	151	132	118	105	95
-5°	335	284	251	220	194	170	150	130	117	104	94
-6.25°	326	279	246	216	191	168	147	129	116	103	93
-7.5°	316	273	241	212	188	165	145	127	114	102	92
-8.75°	304	267	235	208	183	161	141	125	112	100	90
-10°	291	259	228	203	178	157	137	123	110	99	89
-11.25°	282	251	221	197	173	153	133	120	107	97	87
-12.5°	272	241	214	190	168	148	130	117	105	95	85
-13.75°	262	231	206	183	162	143	127	114	102	93	83
-15°	250	221	198	175	156	137	123	110	100	90	81
-16.25°	238	212	189	168	149	131	119	107	97	87	79
-17.5°	225	202	180	161	142	127	115	103	94	85	76
-18.75°	214	192	171	153	135	122	110	100	91	82	74
-20°	203	181	162	145	129	117	106	96	87	79	71
-21.25°	191	171	153	136	124	112	102	93	84	76	68



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	178	161	144	129	118	107	98	89	81	73	65
-23.75°	167	151	134	123	112	102	93	85	77	70	62
-25°	156	140	127	117	106	97	89	81	74	66	59
-26.25°	145	131	120	110	101	93	84	77	70	63	56
-27.5°	133	123	113	104	96	88	80	73	66	59	52
-28.75°	125	116	106	98	91	83	76	69	63	56	48
-30°	117	108	100	93	85	79	72	65	59	52	44
-31.25°	109	101	94	87	80	74	67	61	54	47	40
-32.5°	102	95	88	82	75	69	63	57	50	43	35
-33.75°	95	89	82	77	71	64	58	52	45	38	31
-35°	89	83	77	71	65	60	54	47	40	33	26
-36.25°	82	77	72	66	60	55	49	42	35	28	20
-37.5°	77	71	66	61	55	49	43	36	30	22	15
-38.75°	71	65	60	55	50	43	37	31	24	17	9
-40°	64	60	55	49	43	37	31	25	18	11	8
-41.25°	58	54	49	43	37	31	25	18	12	8	7
-42.5°	52	47	42	36	31	25	18	12	8	7	7
-43.75°	45	40	35	30	24	18	12	8	7	7	6
-45°	38	33	28	22	17	11	8	7	7	6	6
-46.25°	31	26	20	15	9	8	7	7	6	6	6
-47.5°	23	18	13	8	8	7	7	6	6	6	5
-48.75°	15	10	8	7	7	6	6	6	6	5	5
-50°	8	8	7	7	6	6	6	6	5	5	5
-51.25°	7	7	6	6	6	6	5	5	5	5	5
-52.5°	7	6	6	6	6	5	5	5	5	5	5
-53.75°	6	6	6	5	5	5	5	5	5	5	5
-55°	6	5	5	5	5	5	5	5	5	5	5
-56.25°	5	5	5	5	5	5	5	5	5	4	4
-57.5°	5	5	5	5	5	5	5	5	4	4	4
-58.75°	5	5	5	5	5	5	4	4	4	4	4
-60°	5	5	5	5	4	4	4	4	4	4	4
-61.25°	5	4	4	4	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	3	3
-65°	4	4	4	4	4	4	4	3	3	3	3
-66.25°	4	4	4	4	3	3	3	3	3	3	3
-67.5°	4	3	3	3	3	3	3	3	3	2	2
-68.75°	3	3	3	3	3	3	2	2	2	2	2
-70°	3	3	3	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	1	1	1
-72.5°	2	2	2	2	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)

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



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	1	1	1	1	1	0	0	0	0	0	0
82.5°	1	1	1	1	1	1	1	1	1	1	0
81.25°	1	1	1	1	1	1	1	1	1	1	1
80°	1	1	1	1	1	1	1	1	1	1	1
78.75°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	2	2	1	1	1	1	1	1	1	1	1
67.5°	2	2	2	2	1	1	1	1	1	1	1
66.25°	2	2	2	2	2	2	1	1	1	1	1
65°	3	3	2	2	2	2	2	1	1	1	1
63.75°	3	3	3	3	2	2	2	2	2	1	1
62.5°	3	3	3	3	3	2	2	2	2	2	1
61.25°	4	4	3	3	3	3	3	2	2	2	2
60°	4	4	4	3	3	3	3	3	2	2	2
58.75°	4	4	4	4	4	3	3	3	3	2	2
57.5°	4	4	4	4	4	4	3	3	3	3	2
56.25°	4	4	4	4	4	4	4	3	3	3	3
55°	4	4	4	4	4	4	4	4	3	3	3
53.75°	5	4	4	4	4	4	4	4	4	3	3
52.5°	5	5	4	4	4	4	4	4	4	4	3
51.25°	5	5	5	4	4	4	4	4	4	4	3
50°	5	5	5	5	4	4	4	4	4	4	4
48.75°	5	5	5	5	5	4	4	4	4	4	4
47.5°	5	5	5	5	5	5	4	4	4	4	4
46.25°	5	5	5	5	5	5	5	4	4	4	4
45°	6	5	5	5	5	5	5	4	4	4	4
43.75°	6	6	5	5	5	5	5	5	4	4	4
42.5°	6	6	6	5	5	5	5	5	5	4	4
41.25°	7	6	6	5	5	5	5	5	5	4	4
40°	7	6	6	6	5	5	5	5	5	5	4
38.75°	8	7	6	6	6	5	5	5	5	5	4
37.5°	8	7	7	6	6	5	5	5	5	5	5
36.25°	13	8	7	6	6	6	5	5	5	5	5
35°	18	10	8	7	6	6	5	5	5	5	5



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	23	15	8	7	7	6	6	5	5	5	5
32.5°	28	20	11	8	7	6	6	5	5	5	5
31.25°	32	24	16	8	7	7	6	6	5	5	5
30°	37	29	20	11	8	7	6	6	5	5	5
28.75°	41	33	24	15	8	7	6	6	5	5	5
27.5°	44	36	28	19	10	8	7	6	6	5	5
26.25°	48	40	32	23	13	8	7	6	6	5	5
25°	52	44	35	26	17	8	7	6	6	5	5
23.75°	55	47	38	30	20	11	8	7	6	6	5
22.5°	58	50	41	33	23	14	8	7	6	6	5
21.25°	61	53	44	36	26	17	8	7	6	6	5
20°	63	55	47	38	29	19	9	7	6	6	5
18.75°	66	58	50	41	32	22	12	8	7	6	6
17.5°	68	60	52	43	34	24	14	8	7	6	6
16.25°	71	62	54	45	36	27	16	8	7	6	6
15°	73	64	56	48	38	29	18	8	7	6	6
13.75°	75	66	58	49	40	31	20	10	7	6	6
12.5°	76	68	60	51	42	32	22	11	8	7	6
11.25°	78	70	61	53	43	34	23	13	8	7	6
10°	80	71	62	54	45	35	25	14	8	7	6
8.75°	81	72	64	55	46	36	26	15	8	7	6
7.5°	82	73	65	56	47	37	27	16	8	7	6
6.25°	83	74	65	57	48	38	28	17	8	7	6
5°	84	75	66	57	49	39	29	18	8	7	6
3.75°	84	76	67	58	49	39	29	18	8	7	6
2.5°	85	76	67	58	50	40	30	19	8	7	6
1.25°	85	76	67	59	50	40	30	19	8	7	6
0°	85	76	67	59	50	40	30	19	8	7	6
-1.25°	85	76	67	59	50	40	30	19	8	7	6
-2.5°	85	76	67	58	50	40	30	19	8	7	6
-3.75°	84	76	67	58	49	39	29	18	8	7	6
-5°	84	75	66	57	49	39	29	18	8	7	6
-6.25°	83	74	65	57	48	38	28	17	8	7	6
-7.5°	82	73	65	56	47	37	27	16	8	7	6
-8.75°	81	72	64	55	46	36	26	15	8	7	6
-10°	80	71	62	54	45	35	25	14	8	7	6
-11.25°	78	70	61	53	43	34	23	13	8	7	6
-12.5°	76	68	60	51	42	32	22	11	8	7	6
-13.75°	75	66	58	49	40	31	20	10	7	6	6
-15°	73	64	56	48	38	29	18	8	7	6	6
-16.25°	71	62	54	45	36	27	16	8	7	6	6
-17.5°	68	60	52	43	34	24	14	8	7	6	6
-18.75°	66	58	50	41	32	22	12	8	7	6	6
-20°	63	55	47	38	29	19	9	7	6	6	5
-21.25°	61	53	44	36	26	17	8	7	6	6	5



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	58	50	41	33	23	14	8	7	6	6	5
-23.75°	55	47	38	30	20	11	8	7	6	6	5
-25°	52	44	35	26	17	8	7	6	6	5	5
-26.25°	48	40	32	23	13	8	7	6	6	5	5
-27.5°	44	36	28	19	10	8	7	6	6	5	5
-28.75°	41	33	24	15	8	7	6	6	5	5	5
-30°	37	29	20	11	8	7	6	6	5	5	5
-31.25°	32	24	16	8	7	7	6	6	5	5	5
-32.5°	28	20	11	8	7	6	6	5	5	5	5
-33.75°	23	15	8	7	7	6	6	5	5	5	5
-35°	18	10	8	7	6	6	5	5	5	5	5
-36.25°	13	8	7	6	6	6	5	5	5	5	5
-37.5°	8	7	7	6	6	5	5	5	5	5	5
-38.75°	8	7	6	6	6	5	5	5	5	5	4
-40°	7	6	6	6	5	5	5	5	5	5	4
-41.25°	7	6	6	5	5	5	5	5	5	4	4
-42.5°	6	6	6	5	5	5	5	5	5	4	4
-43.75°	6	6	5	5	5	5	5	5	4	4	4
-45°	6	5	5	5	5	5	5	4	4	4	4
-46.25°	5	5	5	5	5	5	5	4	4	4	4
-47.5°	5	5	5	5	5	5	4	4	4	4	4
-48.75°	5	5	5	5	5	4	4	4	4	4	4
-50°	5	5	5	5	4	4	4	4	4	4	4
-51.25°	5	5	5	4	4	4	4	4	4	4	3
-52.5°	5	5	4	4	4	4	4	4	4	4	3
-53.75°	5	4	4	4	4	4	4	4	4	3	3
-55°	4	4	4	4	4	4	4	4	3	3	3
-56.25°	4	4	4	4	4	4	4	3	3	3	3
-57.5°	4	4	4	4	4	4	3	3	3	3	2
-58.75°	4	4	4	4	4	3	3	3	3	2	2
-60°	4	4	4	3	3	3	3	3	2	2	2
-61.25°	4	4	3	3	3	3	3	2	2	2	2
-62.5°	3	3	3	3	3	2	2	2	2	2	1
-63.75°	3	3	3	3	2	2	2	2	2	1	1
-65°	3	3	2	2	2	2	2	1	1	1	1
-66.25°	2	2	2	2	2	2	1	1	1	1	1
-67.5°	2	2	2	2	1	1	1	1	1	1	1
-68.75°	2	2	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)

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



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	1	1	1	0	0	0	0	0	0	0	0
80°	1	1	1	1	1	1	0	0	0	0	0
78.75°	1	1	1	1	1	1	1	1	0	0	0
77.5°	1	1	1	1	1	1	1	1	1	0	0
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	2	1	1	1	1	1	1	1	1	1	1
58.75°	2	2	1	1	1	1	1	1	1	1	1
57.5°	2	2	2	1	1	1	1	1	1	1	1
56.25°	2	2	2	1	1	1	1	1	1	1	1
55°	3	2	2	2	1	1	1	1	1	1	1
53.75°	3	2	2	2	2	1	1	1	1	1	1
52.5°	3	3	2	2	2	1	1	1	1	1	1
51.25°	3	3	3	2	2	2	1	1	1	1	1
50°	3	3	3	2	2	2	1	1	1	1	1
48.75°	4	3	3	3	2	2	2	1	1	1	1
47.5°	4	3	3	3	2	2	2	1	1	1	1
46.25°	4	4	3	3	3	2	2	2	1	1	1
45°	4	4	3	3	3	2	2	2	1	1	1
43.75°	4	4	4	3	3	3	2	2	1	1	1
42.5°	4	4	4	3	3	3	2	2	2	1	1
41.25°	4	4	4	4	3	3	2	2	2	1	1
40°	4	4	4	4	3	3	3	2	2	1	1
38.75°	4	4	4	4	3	3	3	2	2	1	1
37.5°	4	4	4	4	4	3	3	2	2	2	1
36.25°	4	4	4	4	4	3	3	3	2	2	1
35°	4	4	4	4	4	3	3	3	2	2	1



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	5	4	4	4	4	4	3	3	2	2	1
32.5°	5	4	4	4	4	4	3	3	2	2	2
31.25°	5	5	4	4	4	4	3	3	2	2	2
30°	5	5	4	4	4	4	3	3	3	2	2
28.75°	5	5	4	4	4	4	4	3	3	2	2
27.5°	5	5	4	4	4	4	4	3	3	2	2
26.25°	5	5	5	4	4	4	4	3	3	2	2
25°	5	5	5	4	4	4	4	3	3	2	2
23.75°	5	5	5	4	4	4	4	3	3	2	2
22.5°	5	5	5	4	4	4	4	4	3	3	2
21.25°	5	5	5	4	4	4	4	4	3	3	2
20°	5	5	5	5	4	4	4	4	3	3	2
18.75°	5	5	5	5	4	4	4	4	3	3	2
17.5°	5	5	5	5	4	4	4	4	3	3	2
16.25°	5	5	5	5	4	4	4	4	3	3	2
15°	5	5	5	5	4	4	4	4	3	3	2
13.75°	5	5	5	5	4	4	4	4	3	3	2
12.5°	5	5	5	5	4	4	4	4	3	3	2
11.25°	5	5	5	5	5	4	4	4	3	3	2
10°	6	5	5	5	5	4	4	4	4	3	2
8.75°	6	5	5	5	5	4	4	4	4	3	3
7.5°	6	5	5	5	5	4	4	4	4	3	3
6.25°	6	5	5	5	5	4	4	4	4	3	3
5°	6	5	5	5	5	4	4	4	4	3	3
3.75°	6	5	5	5	5	4	4	4	4	3	3
2.5°	6	5	5	5	5	4	4	4	4	3	3
1.25°	6	5	5	5	5	4	4	4	4	3	3
0°	6	5	5	5	5	4	4	4	4	3	3
-1.25°	6	5	5	5	5	4	4	4	4	3	3
-2.5°	6	5	5	5	5	4	4	4	4	3	3
-3.75°	6	5	5	5	5	4	4	4	4	3	3
-5°	6	5	5	5	5	4	4	4	4	3	3
-6.25°	6	5	5	5	5	4	4	4	4	3	3
-7.5°	6	5	5	5	5	4	4	4	4	3	3
-8.75°	6	5	5	5	5	4	4	4	4	3	3
-10°	6	5	5	5	5	4	4	4	4	3	2
-11.25°	5	5	5	5	5	4	4	4	3	3	2
-12.5°	5	5	5	5	4	4	4	4	3	3	2
-13.75°	5	5	5	5	4	4	4	4	3	3	2
-15°	5	5	5	5	4	4	4	4	3	3	2
-16.25°	5	5	5	5	4	4	4	4	3	3	2
-17.5°	5	5	5	5	4	4	4	4	3	3	2
-18.75°	5	5	5	5	4	4	4	4	3	3	2
-20°	5	5	5	5	4	4	4	4	3	3	2
-21.25°	5	5	5	4	4	4	4	4	3	3	2



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	5	5	5	4	4	4	4	4	3	3	2
-23.75°	5	5	5	4	4	4	4	3	3	2	2
-25°	5	5	5	4	4	4	4	3	3	2	2
-26.25°	5	5	5	4	4	4	4	3	3	2	2
-27.5°	5	5	4	4	4	4	4	3	3	2	2
-28.75°	5	5	4	4	4	4	4	3	3	2	2
-30°	5	5	4	4	4	4	3	3	3	2	2
-31.25°	5	5	4	4	4	4	3	3	2	2	2
-32.5°	5	4	4	4	4	4	3	3	2	2	2
-33.75°	5	4	4	4	4	4	3	3	2	2	1
-35°	4	4	4	4	4	3	3	3	2	2	1
-36.25°	4	4	4	4	4	3	3	3	2	2	1
-37.5°	4	4	4	4	4	3	3	2	2	2	1
-38.75°	4	4	4	4	3	3	3	2	2	1	1
-40°	4	4	4	4	3	3	3	2	2	1	1
-41.25°	4	4	4	4	3	3	2	2	2	1	1
-42.5°	4	4	4	3	3	3	2	2	2	1	1
-43.75°	4	4	4	3	3	3	2	2	1	1	1
-45°	4	4	3	3	3	2	2	2	1	1	1
-46.25°	4	4	3	3	3	2	2	2	1	1	1
-47.5°	4	3	3	3	2	2	2	1	1	1	1
-48.75°	4	3	3	3	2	2	2	1	1	1	1
-50°	3	3	3	2	2	2	1	1	1	1	1
-51.25°	3	3	3	2	2	2	1	1	1	1	1
-52.5°	3	3	2	2	2	1	1	1	1	1	1
-53.75°	3	2	2	2	2	1	1	1	1	1	1
-55°	3	2	2	2	1	1	1	1	1	1	1
-56.25°	2	2	2	1	1	1	1	1	1	1	1
-57.5°	2	2	2	1	1	1	1	1	1	1	1
-58.75°	2	2	1	1	1	1	1	1	1	1	1
-60°	2	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)

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



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	1	0	0	0	0	0	0	0	0	0	0
73.75°	1	1	0	0	0	0	0	0	0	0	0
72.5°	1	1	0	0	0	0	0	0	0	0	0
71.25°	1	1	1	0	0	0	0	0	0	0	0
70°	1	1	1	1	0	0	0	0	0	0	0
68.75°	1	1	1	1	0	0	0	0	0	0	0
67.5°	1	1	1	1	1	0	0	0	0	0	0
66.25°	1	1	1	1	1	0	0	0	0	0	0
65°	1	1	1	1	1	0	0	0	0	0	0
63.75°	1	1	1	1	1	1	0	0	0	0	0
62.5°	1	1	1	1	1	1	0	0	0	0	0
61.25°	1	1	1	1	1	1	0	0	0	0	0
60°	1	1	1	1	1	1	0	0	0	0	0
58.75°	1	1	1	1	1	1	1	0	0	0	0
57.5°	1	1	1	1	1	1	1	0	0	0	0
56.25°	1	1	1	1	1	1	1	0	0	0	0
55°	1	1	1	1	1	1	1	0	0	0	0
53.75°	1	1	1	1	1	1	1	0	0	0	0
52.5°	1	1	1	1	1	1	1	1	0	0	0
51.25°	1	1	1	1	1	1	1	1	0	0	0
50°	1	1	1	1	1	1	1	1	0	0	0
48.75°	1	1	1	1	1	1	1	1	0	0	0
47.5°	1	1	1	1	1	1	1	1	0	0	0
46.25°	1	1	1	1	1	1	1	1	0	0	0
45°	1	1	1	1	1	1	1	1	0	0	0
43.75°	1	1	1	1	1	1	1	1	0	0	0
42.5°	1	1	1	1	1	1	1	1	0	0	0
41.25°	1	1	1	1	1	1	1	1	1	0	0
40°	1	1	1	1	1	1	1	1	1	0	0
38.75°	1	1	1	1	1	1	1	1	1	0	0
37.5°	1	1	1	1	1	1	1	1	1	0	0
36.25°	1	1	1	1	1	1	1	1	1	0	0
35°	1	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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	1	1	1	1	1	1	1	0	0
32.5°	1	1	1	1	1	1	1	1	1	0	0
31.25°	1	1	1	1	1	1	1	1	1	0	0
30°	1	1	1	1	1	1	1	1	1	0	0
28.75°	1	1	1	1	1	1	1	1	1	0	0
27.5°	1	1	1	1	1	1	1	1	1	0	0
26.25°	1	1	1	1	1	1	1	1	1	0	0
25°	1	1	1	1	1	1	1	1	1	0	0
23.75°	2	1	1	1	1	1	1	1	1	0	0
22.5°	2	1	1	1	1	1	1	1	1	0	0
21.25°	2	1	1	1	1	1	1	1	1	0	0
20°	2	1	1	1	1	1	1	1	1	0	0
18.75°	2	1	1	1	1	1	1	1	1	0	0
17.5°	2	1	1	1	1	1	1	1	1	0	0
16.25°	2	1	1	1	1	1	1	1	1	0	0
15°	2	1	1	1	1	1	1	1	1	0	0
13.75°	2	1	1	1	1	1	1	1	1	0	0
12.5°	2	1	1	1	1	1	1	1	1	0	0
11.25°	2	1	1	1	1	1	1	1	1	0	0
10°	2	1	1	1	1	1	1	1	1	0	0
8.75°	2	1	1	1	1	1	1	1	1	0	0
7.5°	2	1	1	1	1	1	1	1	1	0	0
6.25°	2	2	1	1	1	1	1	1	1	0	0
5°	2	2	1	1	1	1	1	1	1	0	0
3.75°	2	2	1	1	1	1	1	1	1	0	0
2.5°	2	2	1	1	1	1	1	1	1	0	0
1.25°	2	2	1	1	1	1	1	1	1	0	0
0°	2	2	1	1	1	1	1	1	1	1	0
-1.25°	2	2	1	1	1	1	1	1	1	0	0
-2.5°	2	2	1	1	1	1	1	1	1	0	0
-3.75°	2	2	1	1	1	1	1	1	1	0	0
-5°	2	2	1	1	1	1	1	1	1	0	0
-6.25°	2	2	1	1	1	1	1	1	1	0	0
-7.5°	2	1	1	1	1	1	1	1	1	0	0
-8.75°	2	1	1	1	1	1	1	1	1	0	0
-10°	2	1	1	1	1	1	1	1	1	0	0
-11.25°	2	1	1	1	1	1	1	1	1	0	0
-12.5°	2	1	1	1	1	1	1	1	1	0	0
-13.75°	2	1	1	1	1	1	1	1	1	0	0
-15°	2	1	1	1	1	1	1	1	1	0	0
-16.25°	2	1	1	1	1	1	1	1	1	0	0
-17.5°	2	1	1	1	1	1	1	1	1	0	0
-18.75°	2	1	1	1	1	1	1	1	1	0	0
-20°	2	1	1	1	1	1	1	1	1	0	0
-21.25°	2	1	1	1	1	1	1	1	1	0	0



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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°	2	1	1	1	1	1	1	1	1	0	0
-23.75°	2	1	1	1	1	1	1	1	1	0	0
-25°	1	1	1	1	1	1	1	1	1	0	0
-26.25°	1	1	1	1	1	1	1	1	1	0	0
-27.5°	1	1	1	1	1	1	1	1	1	0	0
-28.75°	1	1	1	1	1	1	1	1	1	0	0
-30°	1	1	1	1	1	1	1	1	1	0	0
-31.25°	1	1	1	1	1	1	1	1	1	0	0
-32.5°	1	1	1	1	1	1	1	1	1	0	0
-33.75°	1	1	1	1	1	1	1	1	1	0	0
-35°	1	1	1	1	1	1	1	1	1	0	0
-36.25°	1	1	1	1	1	1	1	1	1	0	0
-37.5°	1	1	1	1	1	1	1	1	1	0	0
-38.75°	1	1	1	1	1	1	1	1	1	0	0
-40°	1	1	1	1	1	1	1	1	1	0	0
-41.25°	1	1	1	1	1	1	1	1	1	0	0
-42.5°	1	1	1	1	1	1	1	1	0	0	0
-43.75°	1	1	1	1	1	1	1	1	0	0	0
-45°	1	1	1	1	1	1	1	1	0	0	0
-46.25°	1	1	1	1	1	1	1	1	0	0	0
-47.5°	1	1	1	1	1	1	1	1	0	0	0
-48.75°	1	1	1	1	1	1	1	1	0	0	0
-50°	1	1	1	1	1	1	1	1	0	0	0
-51.25°	1	1	1	1	1	1	1	1	0	0	0
-52.5°	1	1	1	1	1	1	1	1	0	0	0
-53.75°	1	1	1	1	1	1	1	0	0	0	0
-55°	1	1	1	1	1	1	1	0	0	0	0
-56.25°	1	1	1	1	1	1	1	0	0	0	0
-57.5°	1	1	1	1	1	1	1	0	0	0	0
-58.75°	1	1	1	1	1	1	1	0	0	0	0
-60°	1	1	1	1	1	1	0	0	0	0	0
-61.25°	1	1	1	1	1	1	0	0	0	0	0
-62.5°	1	1	1	1	1	1	0	0	0	0	0
-63.75°	1	1	1	1	1	1	0	0	0	0	0
-65°	1	1	1	1	1	0	0	0	0	0	0
-66.25°	1	1	1	1	1	0	0	0	0	0	0
-67.5°	1	1	1	1	1	0	0	0	0	0	0
-68.75°	1	1	1	1	0	0	0	0	0	0	0
-70°	1	1	1	1	0	0	0	0	0	0	0
-71.25°	1	1	1	0	0	0	0	0	0	0	0
-72.5°	1	1	0	0	0	0	0	0	0	0	0
-73.75°	1	1	0	0	0	0	0	0	0	0	0
-75°	1	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-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: P220704 (CONVERTED FROM TYPE C PHOTOMETRY)

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