

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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29424)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,
WIDE FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 5000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

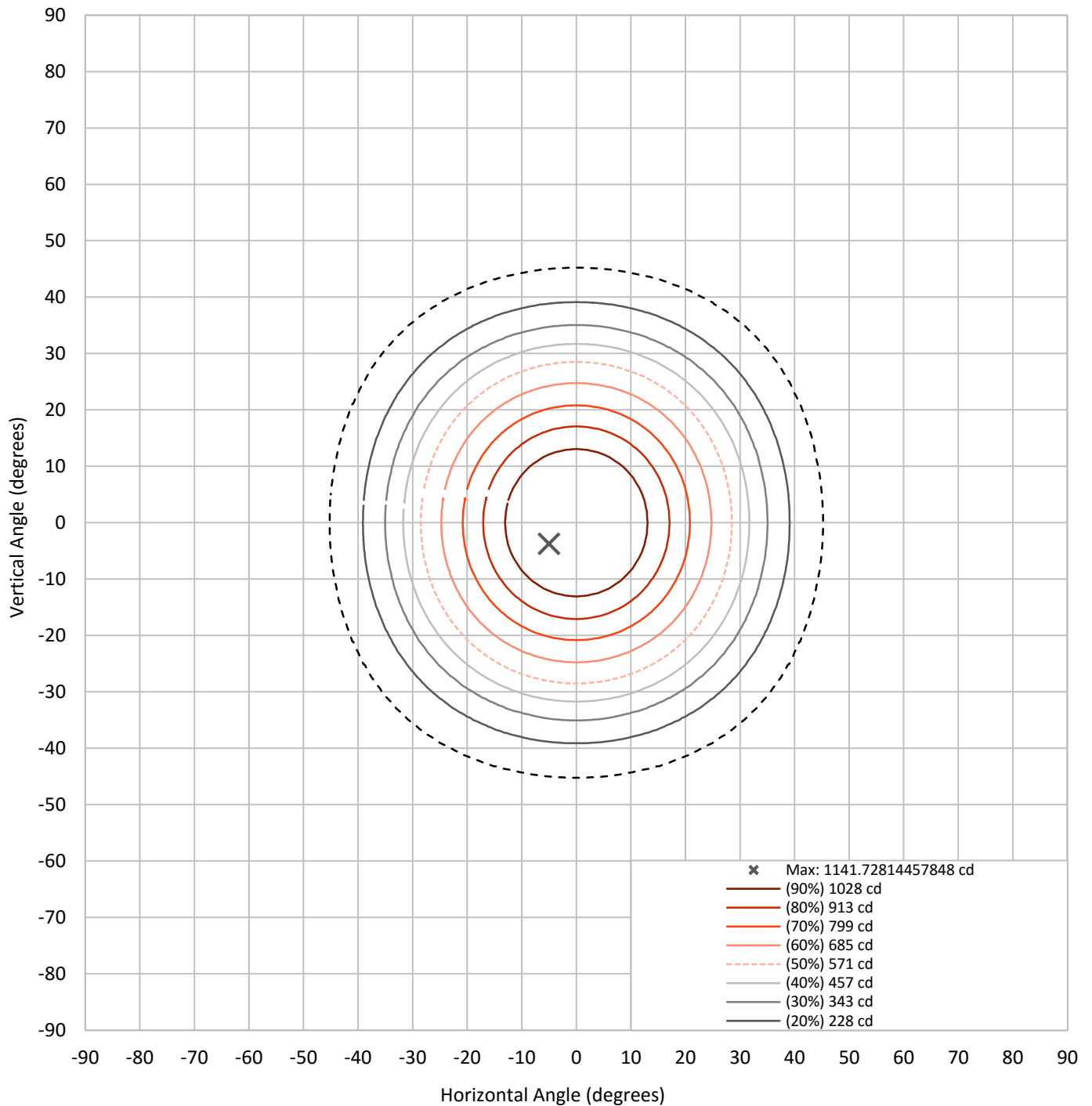
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	1033.1 lumens	Max Intensity:	1141.7 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x -3.75°V
Efficacy:	103.3 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	56.6°H x 56.2°V	Field Angle (10%):	90°H x 89.8°V
Beam Lumens:	644.4 lumens	Field Lumens:	963.1 lumens
Beam Efficiency:	62.4%	Field Efficiency:	93.2%
Input Watts (W):	10		
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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

Iso-Candela Plot





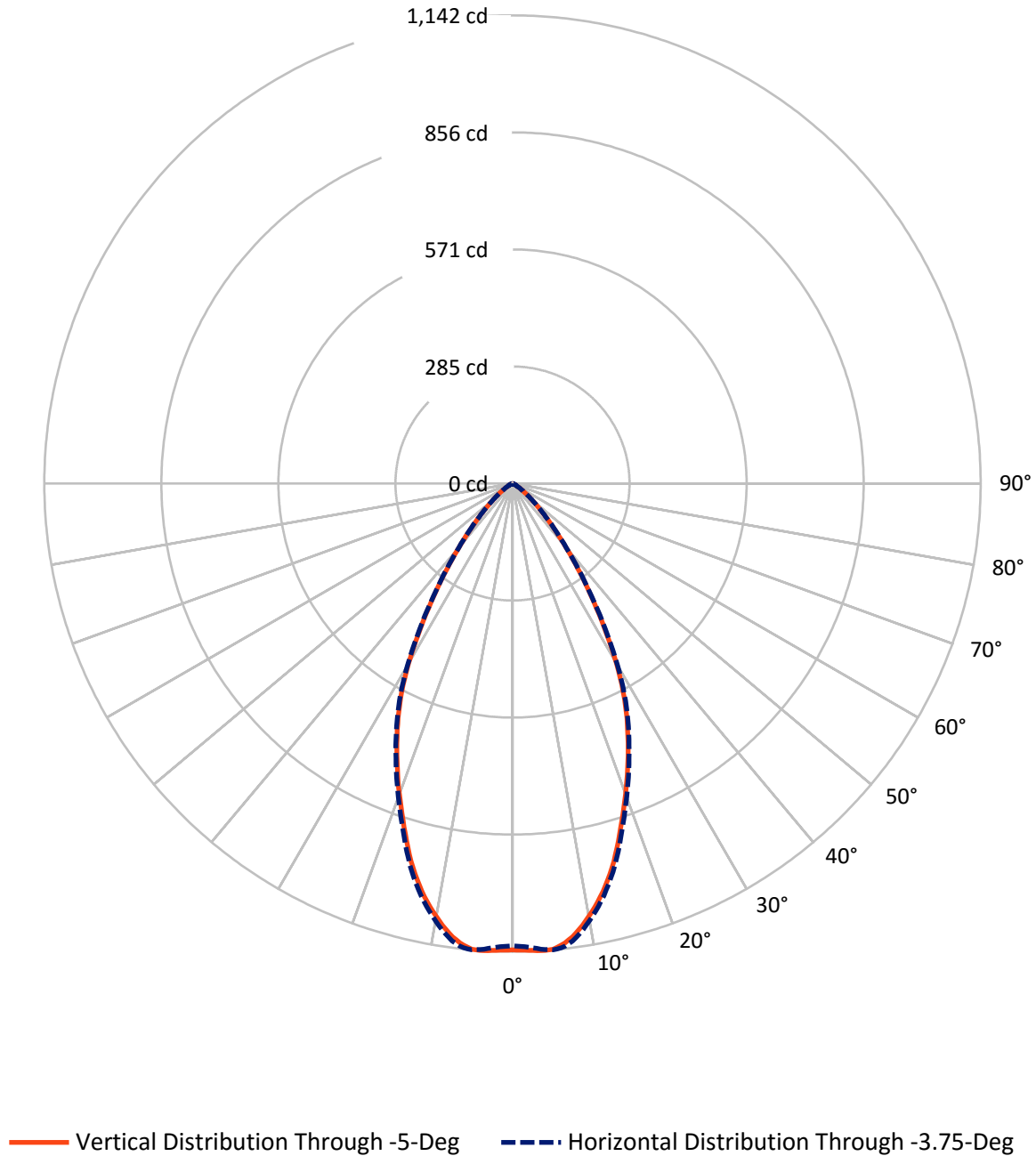
REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

Lumen Table

90	0.0															
80	0.0															
70	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0
60		0.0	0.0	0.1	0.3	0.5	0.8	1.0	1.0	0.8	0.5	0.3	0.1	0.0	0.0	
50	0.0	0.0	0.1	0.3	0.9	1.7	2.8	3.6	3.6	2.8	1.7	0.9	0.3	0.1	0.0	0.0
40		0.0	0.2	0.7	2.1	4.7	7.9	10.2	10.2	7.9	4.7	2.1	0.7	0.2	0.0	
30	0.0	0.1	0.3	1.4	4.3	9.8	16.1	19.9	19.9	16.1	9.8	4.3	1.4	0.3	0.1	0.0
20		0.1	0.5	2.1	6.8	15.2	23.2	28.5	28.5	23.2	15.2	6.8	2.1	0.5	0.1	
10	0.0	0.1	0.6	2.6	8.5	18.2	27.7	33.8	33.8	27.7	18.2	8.5	2.6	0.6	0.1	0.0
0		0.1	0.6	2.6	8.5	18.2	27.7	33.8	33.8	27.7	18.2	8.5	2.6	0.6	0.1	
-10	0.0	0.1	0.5	2.1	6.8	15.2	23.2	28.5	28.5	23.2	15.2	6.8	2.1	0.5	0.1	0.0
-20		0.1	0.3	1.4	4.3	9.8	16.1	19.9	19.9	16.1	9.8	4.3	1.4	0.3	0.1	
-30	0.0	0.0	0.2	0.7	2.1	4.7	7.9	10.2	10.2	7.9	4.7	2.1	0.7	0.2	0.0	0.0
-40		0.0	0.1	0.3	0.9	1.7	2.8	3.6	3.6	2.8	1.7	0.9	0.3	0.1	0.0	
-50	0.0	0.0	0.0	0.1	0.3	0.5	0.8	1.0	1.0	0.8	0.5	0.3	0.1	0.0	0.0	0.0
-60		0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	
-70	0.0															
-80	0.0															
-90	0.0															

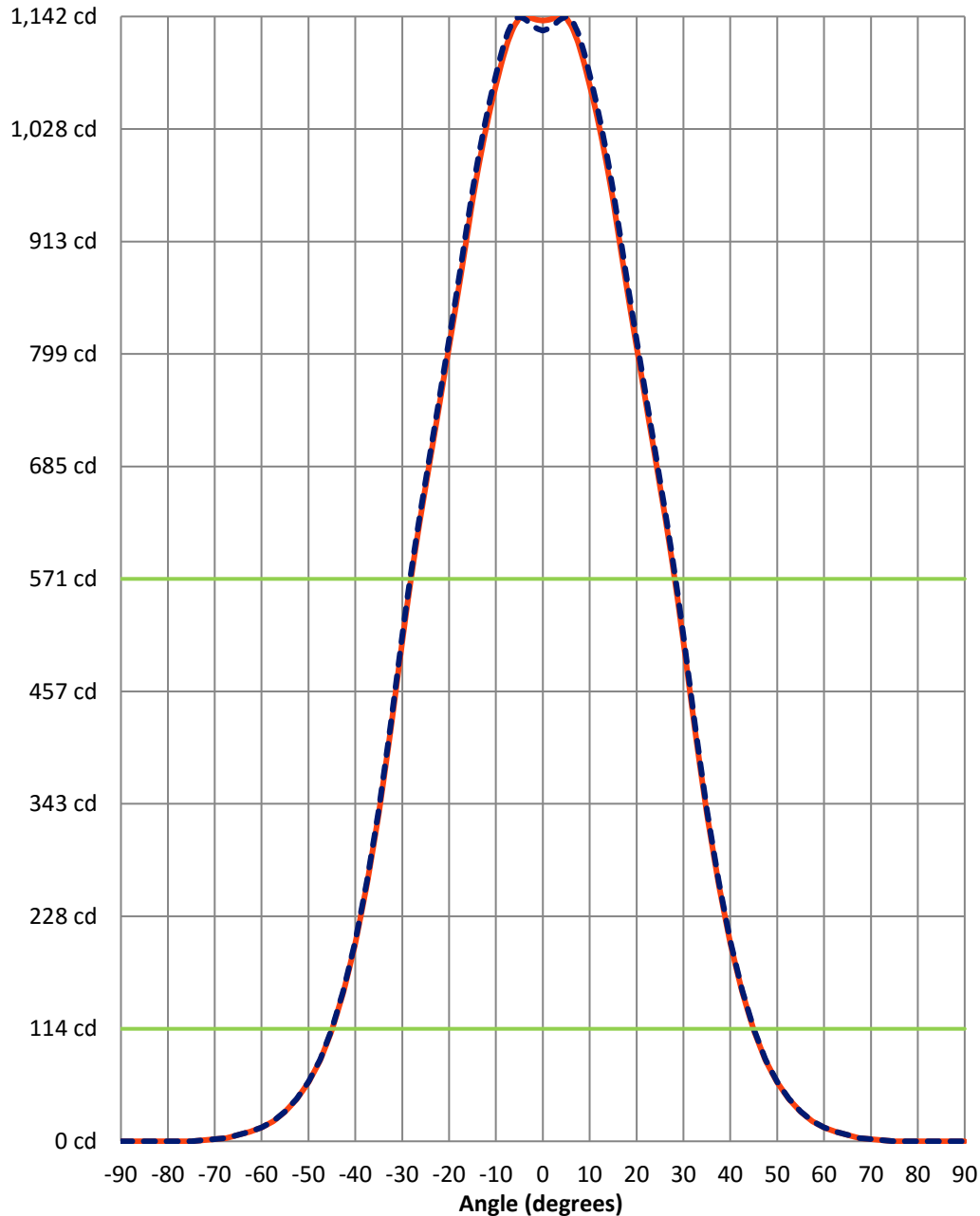
REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 56.6°
 V Angle: 56.2°
 Lumens: 644.4
 Efficiency: 62.4%

Field:
 H Angle: 90°
 V Angle: 89.8°
 Lumens: 963.1
 Efficiency: 93.2%

Spill:
 Lumens: 70.1
 Efficiency: 6.8%

— Vertical Distribution through -5-Deg
 - - Horizontal Distribution through -3.75-Deg



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
33.75°	0	0	0	0	0	1	1	2	2	2	3
32.5°	0	0	0	0	0	1	1	2	2	3	3
31.25°	0	0	0	0	0	1	1	2	2	3	3
30°	0	0	0	0	1	1	1	2	2	3	3
28.75°	0	0	0	0	1	1	2	2	2	3	4
27.5°	0	0	0	0	1	1	2	2	3	3	4
26.25°	0	0	0	0	1	1	2	2	3	3	4
25°	0	0	0	0	1	1	2	2	3	3	5
23.75°	0	0	0	0	1	1	2	2	3	4	5
22.5°	0	0	0	0	1	2	2	3	3	4	5
21.25°	0	0	0	1	1	2	2	3	3	4	6
20°	0	0	0	1	1	2	2	3	3	4	6
18.75°	0	0	0	1	1	2	2	3	3	5	6
17.5°	0	0	0	1	1	2	2	3	3	5	7
16.25°	0	0	0	1	1	2	2	3	4	5	7
15°	0	0	0	1	1	2	2	3	4	5	7
13.75°	0	0	0	1	1	2	2	3	4	6	7
12.5°	0	0	0	1	1	2	3	3	4	6	7
11.25°	0	0	0	1	1	2	3	3	4	6	8
10°	0	0	0	1	2	2	3	3	4	6	8
8.75°	0	0	0	1	2	2	3	3	5	6	8
7.5°	0	0	0	1	2	2	3	3	5	6	8
6.25°	0	0	1	1	2	2	3	3	5	6	8
5°	0	0	1	1	2	2	3	3	5	6	8
3.75°	0	0	1	1	2	2	3	3	5	7	8
2.5°	0	0	1	1	2	2	3	3	5	7	8
1.25°	0	0	1	1	2	2	3	3	5	7	8
0°	0	0	1	1	2	2	3	3	5	7	8
-1.25°	0	0	1	1	2	2	3	3	5	7	8
-2.5°	0	0	1	1	2	2	3	3	5	7	8
-3.75°	0	0	1	1	2	2	3	3	5	7	8
-5°	0	0	1	1	2	2	3	3	5	6	8
-6.25°	0	0	1	1	2	2	3	3	5	6	8
-7.5°	0	0	0	1	2	2	3	3	5	6	8
-8.75°	0	0	0	1	2	2	3	3	5	6	8
-10°	0	0	0	1	2	2	3	3	4	6	8
-11.25°	0	0	0	1	1	2	3	3	4	6	8
-12.5°	0	0	0	1	1	2	3	3	4	6	7
-13.75°	0	0	0	1	1	2	2	3	4	6	7
-15°	0	0	0	1	1	2	2	3	4	5	7
-16.25°	0	0	0	1	1	2	2	3	4	5	7
-17.5°	0	0	0	1	1	2	2	3	3	5	7
-18.75°	0	0	0	1	1	2	2	3	3	5	6
-20°	0	0	0	1	1	2	2	3	3	4	6
-21.25°	0	0	0	1	1	2	2	3	3	4	6



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	1
62.5°	0	0	0	0	0	0	0	0	1	1	1
61.25°	0	0	0	0	0	0	0	1	1	1	1
60°	0	0	0	0	0	0	1	1	1	1	2
58.75°	0	0	0	0	1	1	1	1	2	2	2
57.5°	0	0	0	1	1	1	1	2	2	2	2
56.25°	0	0	0	1	1	1	2	2	2	2	3
55°	0	0	1	1	1	2	2	2	2	3	3
53.75°	0	1	1	1	2	2	2	2	3	3	3
52.5°	1	1	1	2	2	2	2	3	3	3	4
51.25°	1	1	1	2	2	2	3	3	3	4	5
50°	1	1	2	2	2	3	3	3	4	5	6
48.75°	1	2	2	2	3	3	3	4	5	6	7
47.5°	1	2	2	2	3	3	4	5	6	7	8
46.25°	2	2	2	3	3	3	4	5	6	7	8
45°	2	2	3	3	3	4	5	6	7	8	9
43.75°	2	2	3	3	4	5	6	7	8	9	10
42.5°	2	3	3	3	4	6	7	8	9	10	11
41.25°	2	3	3	4	5	6	7	8	9	11	12
40°	3	3	3	5	6	7	8	9	10	12	13
38.75°	3	3	4	5	6	7	9	10	11	13	14
37.5°	3	3	4	6	7	8	9	11	12	14	16
36.25°	3	4	5	6	7	9	10	12	13	15	17
35°	3	4	6	7	8	9	11	12	14	16	19



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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	5	6	7	9	10	12	13	15	18	20
32.5°	4	5	7	8	9	11	12	14	17	19	22
31.25°	4	6	7	8	10	11	13	15	18	20	24
30°	5	6	7	9	10	12	14	16	19	22	26
28.75°	5	7	8	9	11	13	15	17	20	24	28
27.5°	6	7	8	10	11	13	16	18	21	26	30
26.25°	6	7	9	10	12	14	17	19	23	27	32
25°	6	8	9	11	13	15	18	20	25	29	34
23.75°	7	8	9	11	13	16	19	22	26	30	36
22.5°	7	8	10	12	14	16	19	23	28	32	38
21.25°	7	9	10	12	14	17	20	24	29	34	40
20°	8	9	11	13	15	18	21	26	30	36	42
18.75°	8	9	11	13	16	19	22	27	32	38	44
17.5°	8	10	12	14	16	19	23	28	33	39	46
16.25°	8	10	12	14	17	20	24	29	35	41	48
15°	9	10	12	14	17	21	25	30	36	42	50
13.75°	9	10	13	15	18	21	26	31	37	43	52
12.5°	9	11	13	15	18	22	27	32	38	45	53
11.25°	9	11	13	16	19	23	28	33	39	46	55
10°	9	11	13	16	19	23	28	34	40	48	56
8.75°	9	11	14	16	20	24	29	35	41	49	57
7.5°	9	12	14	17	20	24	29	35	42	50	58
6.25°	10	12	14	17	20	25	30	36	42	51	59
5°	10	12	14	17	20	25	30	36	43	51	60
3.75°	10	12	14	17	20	25	30	37	43	52	60
2.5°	10	12	14	17	21	26	30	37	43	52	61
1.25°	10	12	14	17	21	26	31	37	44	52	61
0°	10	12	14	17	21	26	31	37	44	52	61
-1.25°	10	12	14	17	21	26	31	37	44	52	61
-2.5°	10	12	14	17	21	26	30	37	43	52	61
-3.75°	10	12	14	17	20	25	30	37	43	52	60
-5°	10	12	14	17	20	25	30	36	43	51	60
-6.25°	10	12	14	17	20	25	30	36	42	51	59
-7.5°	9	12	14	17	20	24	29	35	42	50	58
-8.75°	9	11	14	16	20	24	29	35	41	49	57
-10°	9	11	13	16	19	23	28	34	40	48	56
-11.25°	9	11	13	16	19	23	28	33	39	46	55
-12.5°	9	11	13	15	18	22	27	32	38	45	53
-13.75°	9	10	13	15	18	21	26	31	37	43	52
-15°	9	10	12	14	17	21	25	30	36	42	50
-16.25°	8	10	12	14	17	20	24	29	35	41	48
-17.5°	8	10	12	14	16	19	23	28	33	39	46
-18.75°	8	9	11	13	16	19	22	27	32	38	44
-20°	8	9	11	13	15	18	21	26	30	36	42
-21.25°	7	9	10	12	14	17	20	24	29	34	40



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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°	7	8	10	12	14	16	19	23	28	32	38
-23.75°	7	8	9	11	13	16	19	22	26	30	36
-25°	6	8	9	11	13	15	18	20	25	29	34
-26.25°	6	7	9	10	12	14	17	19	23	27	32
-27.5°	6	7	8	10	11	13	16	18	21	26	30
-28.75°	5	7	8	9	11	13	15	17	20	24	28
-30°	5	6	7	9	10	12	14	16	19	22	26
-31.25°	4	6	7	8	10	11	13	15	18	20	24
-32.5°	4	5	7	8	9	11	12	14	17	19	22
-33.75°	3	5	6	7	9	10	12	13	15	18	20
-35°	3	4	6	7	8	9	11	12	14	16	19
-36.25°	3	4	5	6	7	9	10	12	13	15	17
-37.5°	3	3	4	6	7	8	9	11	12	14	16
-38.75°	3	3	4	5	6	7	9	10	11	13	14
-40°	3	3	3	5	6	7	8	9	10	12	13
-41.25°	2	3	3	4	5	6	7	8	9	11	12
-42.5°	2	3	3	3	4	6	7	8	9	10	11
-43.75°	2	2	3	3	4	5	6	7	8	9	10
-45°	2	2	3	3	3	4	5	6	7	8	9
-46.25°	2	2	2	3	3	3	4	5	6	7	8
-47.5°	1	2	2	2	3	3	4	5	6	7	8
-48.75°	1	2	2	2	3	3	3	4	5	6	7
-50°	1	1	2	2	2	3	3	3	4	5	6
-51.25°	1	1	1	2	2	2	3	3	3	4	5
-52.5°	1	1	1	2	2	2	2	3	3	3	4
-53.75°	0	1	1	1	2	2	2	2	3	3	3
-55°	0	0	1	1	1	2	2	2	2	3	3
-56.25°	0	0	0	1	1	1	2	2	2	2	3
-57.5°	0	0	0	1	1	1	1	2	2	2	2
-58.75°	0	0	0	0	1	1	1	1	2	2	2
-60°	0	0	0	0	0	0	1	1	1	1	2
-61.25°	0	0	0	0	0	0	0	1	1	1	1
-62.5°	0	0	0	0	0	0	0	0	1	1	1
-63.75°	0	0	0	0	0	0	0	0	0	0	1
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	1	1	1
67.5°	0	0	0	0	0	1	1	1	1	1	1
66.25°	0	0	1	1	1	1	1	1	1	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	2	3
62.5°	1	1	2	2	2	2	2	3	3	3	3
61.25°	2	2	2	2	2	3	3	3	3	3	4
60°	2	2	2	3	3	3	3	3	4	4	5
58.75°	2	2	3	3	3	3	4	5	5	6	6
57.5°	3	3	3	3	4	4	5	6	6	7	7
56.25°	3	3	3	4	5	6	6	7	7	8	9
55°	3	4	4	5	6	7	7	8	9	9	10
53.75°	4	5	5	6	7	8	8	9	10	11	12
52.5°	5	6	6	7	8	9	9	10	11	12	13
51.25°	6	7	7	8	9	10	11	12	13	14	15
50°	7	8	8	9	10	11	12	13	14	16	17
48.75°	8	8	9	10	11	13	14	15	17	18	20
47.5°	8	9	10	12	13	14	16	17	19	20	23
46.25°	9	10	12	13	14	16	18	19	21	24	26
45°	10	12	13	14	16	18	20	22	25	27	30
43.75°	11	13	14	16	18	20	22	25	28	30	34
42.5°	13	14	16	18	20	22	25	28	31	35	38
41.25°	14	16	18	20	22	25	28	31	35	39	43
40°	15	17	19	22	25	28	31	35	39	43	48
38.75°	17	19	21	25	28	31	35	39	43	49	54
37.5°	18	20	24	27	30	35	39	43	49	54	60
36.25°	20	23	26	30	34	38	43	48	54	60	66
35°	21	25	29	33	37	42	47	53	59	66	73



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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°	24	27	31	36	41	46	52	58	65	73	80
32.5°	26	30	34	39	44	50	57	63	71	79	89
31.25°	28	32	37	42	48	55	61	69	78	87	98
30°	30	35	40	46	52	59	67	75	84	95	107
28.75°	32	38	43	49	56	64	72	81	92	104	116
27.5°	35	40	46	53	60	69	78	88	100	112	127
26.25°	37	43	49	57	65	74	83	95	108	122	137
25°	39	45	53	60	69	79	90	103	115	131	147
23.75°	42	49	56	64	74	84	97	110	125	141	158
22.5°	44	52	59	68	78	90	103	117	133	150	169
21.25°	47	54	62	72	82	96	109	125	142	160	181
20°	49	57	66	76	87	101	115	133	150	170	192
18.75°	52	60	69	80	92	107	122	140	158	180	202
17.5°	54	62	73	83	97	112	129	147	167	190	213
16.25°	56	65	76	87	102	117	135	154	176	198	225
15°	58	68	79	91	106	122	141	161	184	207	235
13.75°	60	70	81	95	110	128	147	168	191	217	245
12.5°	62	73	84	99	114	132	152	174	198	225	255
11.25°	64	75	87	102	118	137	156	180	204	233	263
10°	66	77	89	105	121	141	161	186	211	241	271
8.75°	67	79	92	107	125	144	166	190	217	247	279
7.5°	69	80	94	110	128	147	170	195	222	253	286
6.25°	70	81	96	111	130	150	173	198	227	258	292
5°	71	82	97	113	132	152	176	201	231	262	296
3.75°	72	83	98	114	134	154	178	203	234	265	300
2.5°	72	84	99	115	135	155	180	205	236	267	303
1.25°	72	84	100	116	136	156	181	206	237	268	305
0°	73	84	100	116	136	156	181	206	237	269	305
-1.25°	72	84	100	116	136	156	181	206	237	268	305
-2.5°	72	84	99	115	135	155	180	205	236	267	303
-3.75°	72	83	98	114	134	154	178	203	234	265	300
-5°	71	82	97	113	132	152	176	201	231	262	296
-6.25°	70	81	96	111	130	150	173	198	227	258	292
-7.5°	69	80	94	110	128	147	170	195	222	253	286
-8.75°	67	79	92	107	125	144	166	190	217	247	279
-10°	66	77	89	105	121	141	161	186	211	241	271
-11.25°	64	75	87	102	118	137	156	180	204	233	263
-12.5°	62	73	84	99	114	132	152	174	198	225	255
-13.75°	60	70	81	95	110	128	147	168	191	217	245
-15°	58	68	79	91	106	122	141	161	184	207	235
-16.25°	56	65	76	87	102	117	135	154	176	198	225
-17.5°	54	62	73	83	97	112	129	147	167	190	213
-18.75°	52	60	69	80	92	107	122	140	158	180	202
-20°	49	57	66	76	87	101	115	133	150	170	192
-21.25°	47	54	62	72	82	96	109	125	142	160	181



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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°	44	52	59	68	78	90	103	117	133	150	169
-23.75°	42	49	56	64	74	84	97	110	125	141	158
-25°	39	45	53	60	69	79	90	103	115	131	147
-26.25°	37	43	49	57	65	74	83	95	108	122	137
-27.5°	35	40	46	53	60	69	78	88	100	112	127
-28.75°	32	38	43	49	56	64	72	81	92	104	116
-30°	30	35	40	46	52	59	67	75	84	95	107
-31.25°	28	32	37	42	48	55	61	69	78	87	98
-32.5°	26	30	34	39	44	50	57	63	71	79	89
-33.75°	24	27	31	36	41	46	52	58	65	73	80
-35°	21	25	29	33	37	42	47	53	59	66	73
-36.25°	20	23	26	30	34	38	43	48	54	60	66
-37.5°	18	20	24	27	30	35	39	43	49	54	60
-38.75°	17	19	21	25	28	31	35	39	43	49	54
-40°	15	17	19	22	25	28	31	35	39	43	48
-41.25°	14	16	18	20	22	25	28	31	35	39	43
-42.5°	13	14	16	18	20	22	25	28	31	35	38
-43.75°	11	13	14	16	18	20	22	25	28	30	34
-45°	10	12	13	14	16	18	20	22	25	27	30
-46.25°	9	10	12	13	14	16	18	19	21	24	26
-47.5°	8	9	10	12	13	14	16	17	19	20	23
-48.75°	8	8	9	10	11	13	14	15	17	18	20
-50°	7	8	8	9	10	11	12	13	14	16	17
-51.25°	6	7	7	8	9	10	11	12	13	14	15
-52.5°	5	6	6	7	8	9	9	10	11	12	13
-53.75°	4	5	5	6	7	8	8	9	10	11	12
-55°	3	4	4	5	6	7	7	8	9	9	10
-56.25°	3	3	3	4	5	6	6	7	7	8	9
-57.5°	3	3	3	3	4	4	5	6	6	7	7
-58.75°	2	2	3	3	3	3	4	5	5	6	6
-60°	2	2	2	3	3	3	3	3	4	4	5
-61.25°	2	2	2	2	2	3	3	3	3	3	4
-62.5°	1	1	2	2	2	2	2	3	3	3	3
-63.75°	1	1	1	1	2	2	2	2	2	2	3
-65°	1	1	1	1	1	1	2	2	2	2	2
-66.25°	0	0	1	1	1	1	1	1	1	2	2
-67.5°	0	0	0	0	0	1	1	1	1	1	1
-68.75°	0	0	0	0	0	0	0	0	1	1	1
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	2
68.75°	1	1	1	1	1	2	2	2	2	2	2
67.5°	1	2	2	2	2	2	2	2	2	2	3
66.25°	2	2	2	2	2	2	3	3	3	3	3
65°	2	2	3	3	3	3	3	3	3	4	4
63.75°	3	3	3	3	3	4	4	4	5	5	5
62.5°	3	3	4	4	5	5	6	6	6	7	7
61.25°	4	5	5	6	6	7	7	7	8	8	8
60°	6	6	7	7	7	8	8	9	9	9	10
58.75°	7	7	8	8	9	9	10	10	11	11	12
57.5°	8	9	9	10	10	11	11	12	13	13	14
56.25°	9	10	11	11	12	13	13	14	15	16	16
55°	11	12	12	13	14	15	16	17	18	19	19
53.75°	12	13	14	15	16	17	18	19	20	22	23
52.5°	14	15	17	18	19	20	21	23	25	26	28
51.25°	16	18	19	20	22	24	26	27	29	30	32
50°	19	20	22	24	26	28	30	32	34	36	38
48.75°	21	24	26	28	30	32	35	37	39	42	44
47.5°	25	27	30	32	35	38	40	43	45	49	52
46.25°	29	31	34	37	40	43	46	49	53	56	59
45°	33	36	39	42	46	49	53	57	60	64	68
43.75°	37	41	44	48	52	56	60	65	69	74	78
42.5°	42	46	50	55	59	64	69	74	79	84	90
41.25°	47	52	57	61	67	72	78	83	90	97	103
40°	53	58	63	69	75	81	88	95	103	110	117
38.75°	59	65	71	78	84	92	100	108	115	125	133
37.5°	66	73	79	87	95	104	112	122	131	141	150
36.25°	73	80	89	98	107	116	127	137	147	158	169
35°	81	90	99	109	119	130	142	153	165	178	190



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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°	90	100	110	121	133	145	157	171	184	197	211
32.5°	99	110	121	134	147	160	175	189	203	220	236
31.25°	109	121	134	147	161	177	193	208	226	243	260
30°	119	133	147	161	178	194	211	230	249	267	287
28.75°	130	145	160	177	194	212	232	252	272	294	315
27.5°	142	157	175	193	211	232	253	275	298	321	343
26.25°	153	171	189	208	230	252	275	299	323	348	375
25°	165	184	203	226	249	272	298	323	349	378	406
23.75°	178	197	220	243	267	294	321	348	378	408	437
22.5°	190	211	236	260	287	315	343	375	406	437	469
21.25°	202	226	252	278	307	336	368	401	433	467	500
20°	215	241	267	296	326	358	392	426	461	496	529
18.75°	228	255	283	314	345	380	415	451	488	524	557
17.5°	241	268	299	331	365	402	438	476	514	549	581
16.25°	252	282	314	347	385	422	461	500	537	572	604
15°	264	296	329	365	403	442	482	522	559	593	625
13.75°	275	309	342	381	420	461	502	542	578	612	644
12.5°	286	320	356	396	436	479	521	560	596	630	662
11.25°	297	331	370	410	452	495	537	575	612	645	677
10°	306	341	382	423	466	510	551	590	626	659	692
8.75°	314	351	392	434	479	523	564	602	638	672	706
7.5°	321	360	402	445	490	534	574	613	649	683	717
6.25°	328	367	410	454	499	543	584	622	658	692	727
5°	333	374	416	461	507	551	591	629	665	700	735
3.75°	337	379	421	467	513	557	597	635	671	707	742
2.5°	339	382	425	471	517	561	601	639	675	711	747
1.25°	341	384	427	474	520	563	603	641	677	714	750
0°	342	385	428	474	521	564	604	642	678	715	751
-1.25°	341	384	427	474	520	563	603	641	677	714	750
-2.5°	339	382	425	471	517	561	601	639	675	711	747
-3.75°	337	379	421	467	513	557	597	635	671	707	742
-5°	333	374	416	461	507	551	591	629	665	700	735
-6.25°	328	367	410	454	499	543	584	622	658	692	727
-7.5°	321	360	402	445	490	534	574	613	649	683	717
-8.75°	314	351	392	434	479	523	564	602	638	672	706
-10°	306	341	382	423	466	510	551	590	626	659	692
-11.25°	297	331	370	410	452	495	537	575	612	645	677
-12.5°	286	320	356	396	436	479	521	560	596	630	662
-13.75°	275	309	342	381	420	461	502	542	578	612	644
-15°	264	296	329	365	403	442	482	522	559	593	625
-16.25°	252	282	314	347	385	422	461	500	537	572	604
-17.5°	241	268	299	331	365	402	438	476	514	549	581
-18.75°	228	255	283	314	345	380	415	451	488	524	557
-20°	215	241	267	296	326	358	392	426	461	496	529
-21.25°	202	226	252	278	307	336	368	401	433	467	500



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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°	190	211	236	260	287	315	343	375	406	437	469
-23.75°	178	197	220	243	267	294	321	348	378	408	437
-25°	165	184	203	226	249	272	298	323	349	378	406
-26.25°	153	171	189	208	230	252	275	299	323	348	375
-27.5°	142	157	175	193	211	232	253	275	298	321	343
-28.75°	130	145	160	177	194	212	232	252	272	294	315
-30°	119	133	147	161	178	194	211	230	249	267	287
-31.25°	109	121	134	147	161	177	193	208	226	243	260
-32.5°	99	110	121	134	147	160	175	189	203	220	236
-33.75°	90	100	110	121	133	145	157	171	184	197	211
-35°	81	90	99	109	119	130	142	153	165	178	190
-36.25°	73	80	89	98	107	116	127	137	147	158	169
-37.5°	66	73	79	87	95	104	112	122	131	141	150
-38.75°	59	65	71	78	84	92	100	108	115	125	133
-40°	53	58	63	69	75	81	88	95	103	110	117
-41.25°	47	52	57	61	67	72	78	83	90	97	103
-42.5°	42	46	50	55	59	64	69	74	79	84	90
-43.75°	37	41	44	48	52	56	60	65	69	74	78
-45°	33	36	39	42	46	49	53	57	60	64	68
-46.25°	29	31	34	37	40	43	46	49	53	56	59
-47.5°	25	27	30	32	35	38	40	43	45	49	52
-48.75°	21	24	26	28	30	32	35	37	39	42	44
-50°	19	20	22	24	26	28	30	32	34	36	38
-51.25°	16	18	19	20	22	24	26	27	29	30	32
-52.5°	14	15	17	18	19	20	21	23	25	26	28
-53.75°	12	13	14	15	16	17	18	19	20	22	23
-55°	11	12	12	13	14	15	16	17	18	19	19
-56.25°	9	10	11	11	12	13	13	14	15	16	16
-57.5°	8	9	9	10	10	11	11	12	13	13	14
-58.75°	7	7	8	8	9	9	10	10	11	11	12
-60°	6	6	7	7	7	8	8	9	9	9	10
-61.25°	4	5	5	6	6	7	7	7	8	8	8
-62.5°	3	3	4	4	5	5	6	6	6	7	7
-63.75°	3	3	3	3	3	4	4	4	5	5	5
-65°	2	2	3	3	3	3	3	3	3	4	4
-66.25°	2	2	2	2	2	2	3	3	3	3	3
-67.5°	1	2	2	2	2	2	2	2	2	2	3
-68.75°	1	1	1	1	1	2	2	2	2	2	2
-70°	1	1	1	1	1	1	1	1	1	1	2
-71.25°	0	0	0	0	1	1	1	1	1	1	1
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	2	2	2	2	2	2	2	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	3	3	3	3	4	4	4	4	4	4	5
65°	4	4	5	5	5	5	6	6	6	6	6
63.75°	6	6	6	7	7	7	7	7	8	8	8
62.5°	7	8	8	8	8	9	9	9	9	9	9
61.25°	9	9	9	10	10	10	10	11	11	11	11
60°	10	11	11	12	12	12	13	13	13	13	14
58.75°	12	13	13	14	14	14	15	15	16	16	16
57.5°	14	15	16	16	17	17	18	18	19	19	20
56.25°	17	18	19	19	20	21	21	22	23	23	24
55°	20	21	22	23	24	25	26	27	28	28	29
53.75°	24	26	27	28	29	30	31	32	33	34	35
52.5°	29	30	32	33	35	36	37	38	39	40	41
51.25°	34	36	38	39	41	42	43	45	46	48	49
50°	40	42	44	46	48	50	52	53	55	56	57
48.75°	47	49	52	54	56	58	60	62	64	66	67
47.5°	54	57	60	62	65	68	70	73	75	77	79
46.25°	62	66	69	73	76	79	81	84	87	89	92
45°	72	76	80	83	87	91	95	99	102	105	107
43.75°	82	87	92	97	102	106	110	114	118	121	125
42.5°	96	101	107	112	117	122	128	132	137	141	144
41.25°	109	115	122	129	135	141	147	152	156	161	166
40°	125	133	140	147	154	161	168	174	180	186	190
38.75°	142	150	158	167	176	184	191	198	204	211	217
37.5°	160	170	180	190	198	207	217	225	233	241	247
36.25°	181	192	202	213	225	235	245	255	263	271	279
35°	202	215	228	241	252	264	275	286	297	306	314



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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°	226	241	255	268	282	296	309	320	331	341	351
32.5°	252	267	283	299	314	329	342	356	370	382	392
31.25°	278	296	314	331	347	365	381	396	410	423	434
30°	307	326	345	365	385	403	420	436	452	466	479
28.75°	336	358	380	402	422	442	461	479	495	510	523
27.5°	368	392	415	438	461	482	502	521	537	551	564
26.25°	401	426	451	476	500	522	542	560	575	590	602
25°	433	461	488	514	537	559	578	596	612	626	638
23.75°	467	496	524	549	572	593	612	630	645	659	672
22.5°	500	529	557	581	604	625	644	662	677	692	706
21.25°	531	560	587	612	634	655	674	693	710	725	739
20°	560	589	615	640	662	683	704	723	741	757	772
18.75°	587	615	641	666	689	712	733	753	772	790	805
17.5°	612	640	666	691	716	739	762	783	803	821	838
16.25°	634	662	689	716	741	766	790	812	833	853	872
15°	655	683	712	739	766	792	816	840	864	885	906
13.75°	674	704	733	762	790	816	843	869	894	918	940
12.5°	693	723	753	783	812	840	869	897	924	950	972
11.25°	710	741	772	803	833	864	894	924	953	978	1000
10°	725	757	790	821	853	885	918	950	978	1003	1024
8.75°	739	772	805	838	872	906	940	972	1000	1024	1046
7.5°	751	786	819	854	889	925	960	991	1018	1043	1065
6.25°	762	797	831	867	904	941	976	1007	1034	1059	1081
5°	771	806	842	879	917	955	989	1019	1047	1072	1096
3.75°	778	814	850	888	927	965	999	1030	1058	1083	1106
2.5°	783	819	856	895	934	972	1006	1037	1065	1091	1114
1.25°	786	822	860	899	939	977	1010	1041	1069	1096	1118
0°	787	823	861	900	941	978	1012	1043	1070	1097	1120
-1.25°	786	822	860	899	939	977	1010	1041	1069	1096	1118
-2.5°	783	819	856	895	934	972	1006	1037	1065	1091	1114
-3.75°	778	814	850	888	927	965	999	1030	1058	1083	1106
-5°	771	806	842	879	917	955	989	1019	1047	1072	1096
-6.25°	762	797	831	867	904	941	976	1007	1034	1059	1081
-7.5°	751	786	819	854	889	925	960	991	1018	1043	1065
-8.75°	739	772	805	838	872	906	940	972	1000	1024	1046
-10°	725	757	790	821	853	885	918	950	978	1003	1024
-11.25°	710	741	772	803	833	864	894	924	953	978	1000
-12.5°	693	723	753	783	812	840	869	897	924	950	972
-13.75°	674	704	733	762	790	816	843	869	894	918	940
-15°	655	683	712	739	766	792	816	840	864	885	906
-16.25°	634	662	689	716	741	766	790	812	833	853	872
-17.5°	612	640	666	691	716	739	762	783	803	821	838
-18.75°	587	615	641	666	689	712	733	753	772	790	805
-20°	560	589	615	640	662	683	704	723	741	757	772
-21.25°	531	560	587	612	634	655	674	693	710	725	739



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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°	500	529	557	581	604	625	644	662	677	692	706
-23.75°	467	496	524	549	572	593	612	630	645	659	672
-25°	433	461	488	514	537	559	578	596	612	626	638
-26.25°	401	426	451	476	500	522	542	560	575	590	602
-27.5°	368	392	415	438	461	482	502	521	537	551	564
-28.75°	336	358	380	402	422	442	461	479	495	510	523
-30°	307	326	345	365	385	403	420	436	452	466	479
-31.25°	278	296	314	331	347	365	381	396	410	423	434
-32.5°	252	267	283	299	314	329	342	356	370	382	392
-33.75°	226	241	255	268	282	296	309	320	331	341	351
-35°	202	215	228	241	252	264	275	286	297	306	314
-36.25°	181	192	202	213	225	235	245	255	263	271	279
-37.5°	160	170	180	190	198	207	217	225	233	241	247
-38.75°	142	150	158	167	176	184	191	198	204	211	217
-40°	125	133	140	147	154	161	168	174	180	186	190
-41.25°	109	115	122	129	135	141	147	152	156	161	166
-42.5°	96	101	107	112	117	122	128	132	137	141	144
-43.75°	82	87	92	97	102	106	110	114	118	121	125
-45°	72	76	80	83	87	91	95	99	102	105	107
-46.25°	62	66	69	73	76	79	81	84	87	89	92
-47.5°	54	57	60	62	65	68	70	73	75	77	79
-48.75°	47	49	52	54	56	58	60	62	64	66	67
-50°	40	42	44	46	48	50	52	53	55	56	57
-51.25°	34	36	38	39	41	42	43	45	46	48	49
-52.5°	29	30	32	33	35	36	37	38	39	40	41
-53.75°	24	26	27	28	29	30	31	32	33	34	35
-55°	20	21	22	23	24	25	26	27	28	28	29
-56.25°	17	18	19	19	20	21	21	22	23	23	24
-57.5°	14	15	16	16	17	17	18	18	19	19	20
-58.75°	12	13	13	14	14	14	15	15	16	16	16
-60°	10	11	11	12	12	12	13	13	13	13	14
-61.25°	9	9	9	10	10	10	10	11	11	11	11
-62.5°	7	8	8	8	8	9	9	9	9	9	9
-63.75°	6	6	6	7	7	7	7	7	8	8	8
-65°	4	4	5	5	5	5	6	6	6	6	6
-66.25°	3	3	3	3	4	4	4	4	4	4	5
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	2	2	2	2	2	2	2	3	3	3	3
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	1	1	1	1	1	1	1	1	1	2	2
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	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°	2	2	2	2	2	2	2	2	2	2	2
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	3	3	3	3	3	3	3	3	3	3	3
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	5	5	5	5	5	5	5	5	5	5	5
65°	6	6	6	7	7	7	7	7	7	7	6
63.75°	8	8	8	8	8	8	8	8	8	8	8
62.5°	9	10	10	10	10	10	10	10	10	10	10
61.25°	12	12	12	12	12	12	12	12	12	12	12
60°	14	14	14	14	14	14	14	14	14	14	14
58.75°	17	17	17	17	17	17	17	17	17	17	17
57.5°	20	20	20	20	21	21	21	21	21	20	20
56.25°	24	25	25	25	26	26	26	26	26	25	25
55°	29	30	30	30	30	31	31	31	30	30	30
53.75°	35	36	36	37	37	37	37	37	37	37	36
52.5°	42	42	43	43	43	44	44	44	43	43	43
51.25°	50	51	51	52	52	52	52	52	52	52	51
50°	58	59	60	60	61	61	61	61	61	60	60
48.75°	69	70	71	72	72	72	73	72	72	72	71
47.5°	80	81	82	83	84	84	84	84	84	83	82
46.25°	94	96	97	98	99	100	100	100	99	98	97
45°	110	111	113	114	115	116	116	116	115	114	113
43.75°	128	130	132	134	135	136	136	136	135	134	132
42.5°	147	150	152	154	155	156	156	156	155	154	152
41.25°	170	173	176	178	180	181	181	181	180	178	176
40°	195	198	201	203	205	206	206	206	205	203	201
38.75°	222	227	231	234	236	237	237	237	236	234	231
37.5°	253	258	262	265	267	268	269	268	267	265	262
36.25°	286	292	296	300	303	305	305	305	303	300	296
35°	321	328	333	337	339	341	342	341	339	337	333



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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°	360	367	374	379	382	384	385	384	382	379	374
32.5°	402	410	416	421	425	427	428	427	425	421	416
31.25°	445	454	461	467	471	474	474	474	471	467	461
30°	490	499	507	513	517	520	521	520	517	513	507
28.75°	534	543	551	557	561	563	564	563	561	557	551
27.5°	574	584	591	597	601	603	604	603	601	597	591
26.25°	613	622	629	635	639	641	642	641	639	635	629
25°	649	658	665	671	675	677	678	677	675	671	665
23.75°	683	692	700	707	711	714	715	714	711	707	700
22.5°	717	727	735	742	747	750	751	750	747	742	735
21.25°	751	762	771	778	783	786	787	786	783	778	771
20°	786	797	806	814	819	822	823	822	819	814	806
18.75°	819	831	842	850	856	860	861	860	856	850	842
17.5°	854	867	879	888	895	899	900	899	895	888	879
16.25°	889	904	917	927	934	939	941	939	934	927	917
15°	925	941	955	965	972	977	978	977	972	965	955
13.75°	960	976	989	999	1006	1010	1012	1010	1006	999	989
12.5°	991	1007	1019	1030	1037	1041	1043	1041	1037	1030	1019
11.25°	1018	1034	1047	1058	1065	1069	1070	1069	1065	1058	1047
10°	1043	1059	1072	1083	1091	1096	1097	1096	1091	1083	1072
8.75°	1065	1081	1096	1106	1114	1118	1120	1118	1114	1106	1096
7.5°	1084	1102	1116	1125	1132	1135	1136	1135	1132	1125	1116
6.25°	1102	1118	1131	1138	1141	1142	1142	1142	1141	1138	1131
5°	1116	1131	1140	1142	1140	1138	1138	1138	1140	1142	1140
3.75°	1125	1138	1142	1139	1134	1129	1127	1129	1134	1139	1142
2.5°	1132	1141	1140	1134	1125	1118	1116	1118	1125	1134	1140
1.25°	1135	1142	1138	1129	1118	1111	1111	1111	1118	1129	1138
0°	1136	1142	1138	1127	1116	1111	1111	1111	1116	1127	1138
-1.25°	1135	1142	1138	1129	1118	1111	1111	1111	1118	1129	1138
-2.5°	1132	1141	1140	1134	1125	1118	1116	1118	1125	1134	1140
-3.75°	1125	1138	1142	1139	1134	1129	1127	1129	1134	1139	1142
-5°	1116	1131	1140	1142	1140	1138	1138	1138	1140	1142	1140
-6.25°	1102	1118	1131	1138	1141	1142	1142	1142	1141	1138	1131
-7.5°	1084	1102	1116	1125	1132	1135	1136	1135	1132	1125	1116
-8.75°	1065	1081	1096	1106	1114	1118	1120	1118	1114	1106	1096
-10°	1043	1059	1072	1083	1091	1096	1097	1096	1091	1083	1072
-11.25°	1018	1034	1047	1058	1065	1069	1070	1069	1065	1058	1047
-12.5°	991	1007	1019	1030	1037	1041	1043	1041	1037	1030	1019
-13.75°	960	976	989	999	1006	1010	1012	1010	1006	999	989
-15°	925	941	955	965	972	977	978	977	972	965	955
-16.25°	889	904	917	927	934	939	941	939	934	927	917
-17.5°	854	867	879	888	895	899	900	899	895	888	879
-18.75°	819	831	842	850	856	860	861	860	856	850	842
-20°	786	797	806	814	819	822	823	822	819	814	806
-21.25°	751	762	771	778	783	786	787	786	783	778	771



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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°	717	727	735	742	747	750	751	750	747	742	735
-23.75°	683	692	700	707	711	714	715	714	711	707	700
-25°	649	658	665	671	675	677	678	677	675	671	665
-26.25°	613	622	629	635	639	641	642	641	639	635	629
-27.5°	574	584	591	597	601	603	604	603	601	597	591
-28.75°	534	543	551	557	561	563	564	563	561	557	551
-30°	490	499	507	513	517	520	521	520	517	513	507
-31.25°	445	454	461	467	471	474	474	474	471	467	461
-32.5°	402	410	416	421	425	427	428	427	425	421	416
-33.75°	360	367	374	379	382	384	385	384	382	379	374
-35°	321	328	333	337	339	341	342	341	339	337	333
-36.25°	286	292	296	300	303	305	305	305	303	300	296
-37.5°	253	258	262	265	267	268	269	268	267	265	262
-38.75°	222	227	231	234	236	237	237	237	236	234	231
-40°	195	198	201	203	205	206	206	206	205	203	201
-41.25°	170	173	176	178	180	181	181	181	180	178	176
-42.5°	147	150	152	154	155	156	156	156	155	154	152
-43.75°	128	130	132	134	135	136	136	136	135	134	132
-45°	110	111	113	114	115	116	116	116	115	114	113
-46.25°	94	96	97	98	99	100	100	100	99	98	97
-47.5°	80	81	82	83	84	84	84	84	84	83	82
-48.75°	69	70	71	72	72	72	73	72	72	72	71
-50°	58	59	60	60	61	61	61	61	61	60	60
-51.25°	50	51	51	52	52	52	52	52	52	52	51
-52.5°	42	42	43	43	43	44	44	44	43	43	43
-53.75°	35	36	36	37	37	37	37	37	37	37	36
-55°	29	30	30	30	30	31	31	31	30	30	30
-56.25°	24	25	25	25	26	26	26	26	26	25	25
-57.5°	20	20	20	20	21	21	21	21	21	20	20
-58.75°	17	17	17	17	17	17	17	17	17	17	17
-60°	14	14	14	14	14	14	14	14	14	14	14
-61.25°	12	12	12	12	12	12	12	12	12	12	12
-62.5°	9	10	10	10	10	10	10	10	10	10	10
-63.75°	8	8	8	8	8	8	8	8	8	8	8
-65°	6	6	6	7	7	7	7	7	7	7	6
-66.25°	5	5	5	5	5	5	5	5	5	5	5
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	3	3	3	3	3
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	2	2	2	2	2	2	2
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	1	1	1	1	1	1	1	1	1	1
-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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	1	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	2	2	2	2	1	1	1	1	1	1	1
70°	2	2	2	2	2	2	2	2	2	2	2
68.75°	3	3	3	3	3	3	2	2	2	2	2
67.5°	3	3	3	3	3	3	3	3	3	3	3
66.25°	5	5	5	4	4	4	4	4	4	3	3
65°	6	6	6	6	6	6	6	5	5	5	5
63.75°	8	8	8	8	8	7	7	7	7	7	6
62.5°	10	9	9	9	9	9	9	9	8	8	8
61.25°	12	12	11	11	11	11	10	10	10	10	9
60°	14	14	14	13	13	13	13	12	12	12	11
58.75°	17	17	16	16	16	15	15	14	14	14	13
57.5°	20	20	20	19	19	18	18	17	17	16	16
56.25°	25	24	24	23	23	22	21	21	20	19	19
55°	30	29	29	28	28	27	26	25	24	23	22
53.75°	36	35	35	34	33	32	31	30	29	28	27
52.5°	42	42	41	40	39	38	37	36	35	33	32
51.25°	51	50	49	48	46	45	43	42	41	39	38
50°	59	58	57	56	55	53	52	50	48	46	44
48.75°	70	69	67	66	64	62	60	58	56	54	52
47.5°	81	80	79	77	75	73	70	68	65	62	60
46.25°	96	94	92	89	87	84	81	79	76	73	69
45°	111	110	107	105	102	99	95	91	87	83	80
43.75°	130	128	125	121	118	114	110	106	102	97	92
42.5°	150	147	144	141	137	132	128	122	117	112	107
41.25°	173	170	166	161	156	152	147	141	135	129	122
40°	198	195	190	186	180	174	168	161	154	147	140
38.75°	227	222	217	211	204	198	191	184	176	167	158
37.5°	258	253	247	241	233	225	217	207	198	190	180
36.25°	292	286	279	271	263	255	245	235	225	213	202
35°	328	321	314	306	297	286	275	264	252	241	228



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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°	367	360	351	341	331	320	309	296	282	268	255
32.5°	410	402	392	382	370	356	342	329	314	299	283
31.25°	454	445	434	423	410	396	381	365	347	331	314
30°	499	490	479	466	452	436	420	403	385	365	345
28.75°	543	534	523	510	495	479	461	442	422	402	380
27.5°	584	574	564	551	537	521	502	482	461	438	415
26.25°	622	613	602	590	575	560	542	522	500	476	451
25°	658	649	638	626	612	596	578	559	537	514	488
23.75°	692	683	672	659	645	630	612	593	572	549	524
22.5°	727	717	706	692	677	662	644	625	604	581	557
21.25°	762	751	739	725	710	693	674	655	634	612	587
20°	797	786	772	757	741	723	704	683	662	640	615
18.75°	831	819	805	790	772	753	733	712	689	666	641
17.5°	867	854	838	821	803	783	762	739	716	691	666
16.25°	904	889	872	853	833	812	790	766	741	716	689
15°	941	925	906	885	864	840	816	792	766	739	712
13.75°	976	960	940	918	894	869	843	816	790	762	733
12.5°	1007	991	972	950	924	897	869	840	812	783	753
11.25°	1034	1018	1000	978	953	924	894	864	833	803	772
10°	1059	1043	1024	1003	978	950	918	885	853	821	790
8.75°	1081	1065	1046	1024	1000	972	940	906	872	838	805
7.5°	1102	1084	1065	1043	1018	991	960	925	889	854	819
6.25°	1118	1102	1081	1059	1034	1007	976	941	904	867	831
5°	1131	1116	1096	1072	1047	1019	989	955	917	879	842
3.75°	1138	1125	1106	1083	1058	1030	999	965	927	888	850
2.5°	1141	1132	1114	1091	1065	1037	1006	972	934	895	856
1.25°	1142	1135	1118	1096	1069	1041	1010	977	939	899	860
0°	1142	1136	1120	1097	1070	1043	1012	978	941	900	861
-1.25°	1142	1135	1118	1096	1069	1041	1010	977	939	899	860
-2.5°	1141	1132	1114	1091	1065	1037	1006	972	934	895	856
-3.75°	1138	1125	1106	1083	1058	1030	999	965	927	888	850
-5°	1131	1116	1096	1072	1047	1019	989	955	917	879	842
-6.25°	1118	1102	1081	1059	1034	1007	976	941	904	867	831
-7.5°	1102	1084	1065	1043	1018	991	960	925	889	854	819
-8.75°	1081	1065	1046	1024	1000	972	940	906	872	838	805
-10°	1059	1043	1024	1003	978	950	918	885	853	821	790
-11.25°	1034	1018	1000	978	953	924	894	864	833	803	772
-12.5°	1007	991	972	950	924	897	869	840	812	783	753
-13.75°	976	960	940	918	894	869	843	816	790	762	733
-15°	941	925	906	885	864	840	816	792	766	739	712
-16.25°	904	889	872	853	833	812	790	766	741	716	689
-17.5°	867	854	838	821	803	783	762	739	716	691	666
-18.75°	831	819	805	790	772	753	733	712	689	666	641
-20°	797	786	772	757	741	723	704	683	662	640	615
-21.25°	762	751	739	725	710	693	674	655	634	612	587



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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°	727	717	706	692	677	662	644	625	604	581	557
-23.75°	692	683	672	659	645	630	612	593	572	549	524
-25°	658	649	638	626	612	596	578	559	537	514	488
-26.25°	622	613	602	590	575	560	542	522	500	476	451
-27.5°	584	574	564	551	537	521	502	482	461	438	415
-28.75°	543	534	523	510	495	479	461	442	422	402	380
-30°	499	490	479	466	452	436	420	403	385	365	345
-31.25°	454	445	434	423	410	396	381	365	347	331	314
-32.5°	410	402	392	382	370	356	342	329	314	299	283
-33.75°	367	360	351	341	331	320	309	296	282	268	255
-35°	328	321	314	306	297	286	275	264	252	241	228
-36.25°	292	286	279	271	263	255	245	235	225	213	202
-37.5°	258	253	247	241	233	225	217	207	198	190	180
-38.75°	227	222	217	211	204	198	191	184	176	167	158
-40°	198	195	190	186	180	174	168	161	154	147	140
-41.25°	173	170	166	161	156	152	147	141	135	129	122
-42.5°	150	147	144	141	137	132	128	122	117	112	107
-43.75°	130	128	125	121	118	114	110	106	102	97	92
-45°	111	110	107	105	102	99	95	91	87	83	80
-46.25°	96	94	92	89	87	84	81	79	76	73	69
-47.5°	81	80	79	77	75	73	70	68	65	62	60
-48.75°	70	69	67	66	64	62	60	58	56	54	52
-50°	59	58	57	56	55	53	52	50	48	46	44
-51.25°	51	50	49	48	46	45	43	42	41	39	38
-52.5°	42	42	41	40	39	38	37	36	35	33	32
-53.75°	36	35	35	34	33	32	31	30	29	28	27
-55°	30	29	29	28	28	27	26	25	24	23	22
-56.25°	25	24	24	23	23	22	21	21	20	19	19
-57.5°	20	20	20	19	19	18	18	17	17	16	16
-58.75°	17	17	16	16	16	15	15	14	14	14	13
-60°	14	14	14	13	13	13	13	12	12	12	11
-61.25°	12	12	11	11	11	11	10	10	10	10	9
-62.5°	10	9	9	9	9	9	9	9	8	8	8
-63.75°	8	8	8	8	8	7	7	7	7	7	6
-65°	6	6	6	6	6	6	6	5	5	5	5
-66.25°	5	5	5	4	4	4	4	4	4	3	3
-67.5°	3	3	3	3	3	3	3	3	3	3	3
-68.75°	3	3	3	3	3	3	2	2	2	2	2
-70°	2	2	2	2	2	2	2	2	2	2	2
-71.25°	2	2	2	2	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	0	0	0	0	0	0	0	0	0
71.25°	1	1	1	1	1	1	1	1	1	0	0
70°	2	2	2	1	1	1	1	1	1	1	1
68.75°	2	2	2	2	2	2	2	2	1	1	1
67.5°	3	3	3	2	2	2	2	2	2	2	2
66.25°	3	3	3	3	3	3	3	2	2	2	2
65°	4	4	4	4	3	3	3	3	3	3	3
63.75°	6	6	5	5	5	4	4	4	3	3	3
62.5°	8	7	7	7	6	6	6	5	5	4	4
61.25°	9	9	8	8	8	7	7	7	6	6	5
60°	11	10	10	9	9	9	8	8	7	7	7
58.75°	13	12	12	11	11	10	10	9	9	8	8
57.5°	15	14	14	13	13	12	11	11	10	10	9
56.25°	18	17	16	16	15	14	13	13	12	11	11
55°	21	20	19	19	18	17	16	15	14	13	12
53.75°	26	24	23	22	20	19	18	17	16	15	14
52.5°	30	29	28	26	25	23	21	20	19	18	17
51.25°	36	34	32	30	29	27	26	24	22	20	19
50°	42	40	38	36	34	32	30	28	26	24	22
48.75°	49	47	44	42	39	37	35	32	30	28	26
47.5°	57	54	52	49	45	43	40	38	35	32	30
46.25°	66	62	59	56	53	49	46	43	40	37	34
45°	76	72	68	64	60	57	53	49	46	42	39
43.75°	87	82	78	74	69	65	60	56	52	48	44
42.5°	101	96	90	84	79	74	69	64	59	55	50
41.25°	115	109	103	97	90	83	78	72	67	61	57
40°	133	125	117	110	103	95	88	81	75	69	63
38.75°	150	142	133	125	115	108	100	92	84	78	71
37.5°	170	160	150	141	131	122	112	104	95	87	79
36.25°	192	181	169	158	147	137	127	116	107	98	89
35°	215	202	190	178	165	153	142	130	119	109	99



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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°	241	226	211	197	184	171	157	145	133	121	110
32.5°	267	252	236	220	203	189	175	160	147	134	121
31.25°	296	278	260	243	226	208	193	177	161	147	134
30°	326	307	287	267	249	230	211	194	178	161	147
28.75°	358	336	315	294	272	252	232	212	194	177	160
27.5°	392	368	343	321	298	275	253	232	211	193	175
26.25°	426	401	375	348	323	299	275	252	230	208	189
25°	461	433	406	378	349	323	298	272	249	226	203
23.75°	496	467	437	408	378	348	321	294	267	243	220
22.5°	529	500	469	437	406	375	343	315	287	260	236
21.25°	560	531	500	467	433	401	368	336	307	278	252
20°	589	560	529	496	461	426	392	358	326	296	267
18.75°	615	587	557	524	488	451	415	380	345	314	283
17.5°	640	612	581	549	514	476	438	402	365	331	299
16.25°	662	634	604	572	537	500	461	422	385	347	314
15°	683	655	625	593	559	522	482	442	403	365	329
13.75°	704	674	644	612	578	542	502	461	420	381	342
12.5°	723	693	662	630	596	560	521	479	436	396	356
11.25°	741	710	677	645	612	575	537	495	452	410	370
10°	757	725	692	659	626	590	551	510	466	423	382
8.75°	772	739	706	672	638	602	564	523	479	434	392
7.5°	786	751	717	683	649	613	574	534	490	445	402
6.25°	797	762	727	692	658	622	584	543	499	454	410
5°	806	771	735	700	665	629	591	551	507	461	416
3.75°	814	778	742	707	671	635	597	557	513	467	421
2.5°	819	783	747	711	675	639	601	561	517	471	425
1.25°	822	786	750	714	677	641	603	563	520	474	427
0°	823	787	751	715	678	642	604	564	521	474	428
-1.25°	822	786	750	714	677	641	603	563	520	474	427
-2.5°	819	783	747	711	675	639	601	561	517	471	425
-3.75°	814	778	742	707	671	635	597	557	513	467	421
-5°	806	771	735	700	665	629	591	551	507	461	416
-6.25°	797	762	727	692	658	622	584	543	499	454	410
-7.5°	786	751	717	683	649	613	574	534	490	445	402
-8.75°	772	739	706	672	638	602	564	523	479	434	392
-10°	757	725	692	659	626	590	551	510	466	423	382
-11.25°	741	710	677	645	612	575	537	495	452	410	370
-12.5°	723	693	662	630	596	560	521	479	436	396	356
-13.75°	704	674	644	612	578	542	502	461	420	381	342
-15°	683	655	625	593	559	522	482	442	403	365	329
-16.25°	662	634	604	572	537	500	461	422	385	347	314
-17.5°	640	612	581	549	514	476	438	402	365	331	299
-18.75°	615	587	557	524	488	451	415	380	345	314	283
-20°	589	560	529	496	461	426	392	358	326	296	267
-21.25°	560	531	500	467	433	401	368	336	307	278	252



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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°	529	500	469	437	406	375	343	315	287	260	236
-23.75°	496	467	437	408	378	348	321	294	267	243	220
-25°	461	433	406	378	349	323	298	272	249	226	203
-26.25°	426	401	375	348	323	299	275	252	230	208	189
-27.5°	392	368	343	321	298	275	253	232	211	193	175
-28.75°	358	336	315	294	272	252	232	212	194	177	160
-30°	326	307	287	267	249	230	211	194	178	161	147
-31.25°	296	278	260	243	226	208	193	177	161	147	134
-32.5°	267	252	236	220	203	189	175	160	147	134	121
-33.75°	241	226	211	197	184	171	157	145	133	121	110
-35°	215	202	190	178	165	153	142	130	119	109	99
-36.25°	192	181	169	158	147	137	127	116	107	98	89
-37.5°	170	160	150	141	131	122	112	104	95	87	79
-38.75°	150	142	133	125	115	108	100	92	84	78	71
-40°	133	125	117	110	103	95	88	81	75	69	63
-41.25°	115	109	103	97	90	83	78	72	67	61	57
-42.5°	101	96	90	84	79	74	69	64	59	55	50
-43.75°	87	82	78	74	69	65	60	56	52	48	44
-45°	76	72	68	64	60	57	53	49	46	42	39
-46.25°	66	62	59	56	53	49	46	43	40	37	34
-47.5°	57	54	52	49	45	43	40	38	35	32	30
-48.75°	49	47	44	42	39	37	35	32	30	28	26
-50°	42	40	38	36	34	32	30	28	26	24	22
-51.25°	36	34	32	30	29	27	26	24	22	20	19
-52.5°	30	29	28	26	25	23	21	20	19	18	17
-53.75°	26	24	23	22	20	19	18	17	16	15	14
-55°	21	20	19	19	18	17	16	15	14	13	12
-56.25°	18	17	16	16	15	14	13	13	12	11	11
-57.5°	15	14	14	13	13	12	11	11	10	10	9
-58.75°	13	12	12	11	11	10	10	9	9	8	8
-60°	11	10	10	9	9	9	8	8	7	7	7
-61.25°	9	9	8	8	8	7	7	7	6	6	5
-62.5°	8	7	7	7	6	6	6	5	5	4	4
-63.75°	6	6	5	5	5	4	4	4	3	3	3
-65°	4	4	4	4	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	2	2	2	2
-67.5°	3	3	3	2	2	2	2	2	2	2	2
-68.75°	2	2	2	2	2	2	2	2	1	1	1
-70°	2	2	2	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	33.75°	35°	36.25°	37.5°	38.75°	40°	41.25°	42.5°	43.75°	45°	46.25°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	1	1	0	0	0	0	0	0	0	0	0
68.75°	1	1	1	1	1	0	0	0	0	0	0
67.5°	2	1	1	1	1	1	1	1	0	0	0
66.25°	2	2	2	2	1	1	1	1	1	1	1
65°	2	2	2	2	2	2	2	1	1	1	1
63.75°	3	3	3	2	2	2	2	2	2	1	1
62.5°	3	3	3	3	3	3	2	2	2	2	2
61.25°	5	4	4	3	3	3	3	3	2	2	2
60°	6	6	5	4	4	3	3	3	3	3	2
58.75°	7	7	6	6	5	5	4	3	3	3	3
57.5°	9	8	7	7	6	6	5	4	4	3	3
56.25°	10	9	9	8	7	7	6	6	5	4	3
55°	12	11	10	9	9	8	7	7	6	5	4
53.75°	13	12	12	11	10	9	8	8	7	6	5
52.5°	15	14	13	12	11	10	9	9	8	7	6
51.25°	18	16	15	14	13	12	11	10	9	8	7
50°	20	19	17	16	14	13	12	11	10	9	8
48.75°	24	21	20	18	17	15	14	13	11	10	9
47.5°	27	25	23	20	19	17	16	14	13	12	10
46.25°	31	29	26	24	21	19	18	16	14	13	12
45°	36	33	30	27	25	22	20	18	16	14	13
43.75°	41	37	34	30	28	25	22	20	18	16	14
42.5°	46	42	38	35	31	28	25	22	20	18	16
41.25°	52	47	43	39	35	31	28	25	22	20	18
40°	58	53	48	43	39	35	31	28	25	22	19
38.75°	65	59	54	49	43	39	35	31	28	25	21
37.5°	73	66	60	54	49	43	39	35	30	27	24
36.25°	80	73	66	60	54	48	43	38	34	30	26
35°	90	81	73	66	59	53	47	42	37	33	29



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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°	100	90	80	73	65	58	52	46	41	36	31
32.5°	110	99	89	79	71	63	57	50	44	39	34
31.25°	121	109	98	87	78	69	61	55	48	42	37
30°	133	119	107	95	84	75	67	59	52	46	40
28.75°	145	130	116	104	92	81	72	64	56	49	43
27.5°	157	142	127	112	100	88	78	69	60	53	46
26.25°	171	153	137	122	108	95	83	74	65	57	49
25°	184	165	147	131	115	103	90	79	69	60	53
23.75°	197	178	158	141	125	110	97	84	74	64	56
22.5°	211	190	169	150	133	117	103	90	78	68	59
21.25°	226	202	181	160	142	125	109	96	82	72	62
20°	241	215	192	170	150	133	115	101	87	76	66
18.75°	255	228	202	180	158	140	122	107	92	80	69
17.5°	268	241	213	190	167	147	129	112	97	83	73
16.25°	282	252	225	198	176	154	135	117	102	87	76
15°	296	264	235	207	184	161	141	122	106	91	79
13.75°	309	275	245	217	191	168	147	128	110	95	81
12.5°	320	286	255	225	198	174	152	132	114	99	84
11.25°	331	297	263	233	204	180	156	137	118	102	87
10°	341	306	271	241	211	186	161	141	121	105	89
8.75°	351	314	279	247	217	190	166	144	125	107	92
7.5°	360	321	286	253	222	195	170	147	128	110	94
6.25°	367	328	292	258	227	198	173	150	130	111	96
5°	374	333	296	262	231	201	176	152	132	113	97
3.75°	379	337	300	265	234	203	178	154	134	114	98
2.5°	382	339	303	267	236	205	180	155	135	115	99
1.25°	384	341	305	268	237	206	181	156	136	116	100
0°	385	342	305	269	237	206	181	156	136	116	100
-1.25°	384	341	305	268	237	206	181	156	136	116	100
-2.5°	382	339	303	267	236	205	180	155	135	115	99
-3.75°	379	337	300	265	234	203	178	154	134	114	98
-5°	374	333	296	262	231	201	176	152	132	113	97
-6.25°	367	328	292	258	227	198	173	150	130	111	96
-7.5°	360	321	286	253	222	195	170	147	128	110	94
-8.75°	351	314	279	247	217	190	166	144	125	107	92
-10°	341	306	271	241	211	186	161	141	121	105	89
-11.25°	331	297	263	233	204	180	156	137	118	102	87
-12.5°	320	286	255	225	198	174	152	132	114	99	84
-13.75°	309	275	245	217	191	168	147	128	110	95	81
-15°	296	264	235	207	184	161	141	122	106	91	79
-16.25°	282	252	225	198	176	154	135	117	102	87	76
-17.5°	268	241	213	190	167	147	129	112	97	83	73
-18.75°	255	228	202	180	158	140	122	107	92	80	69
-20°	241	215	192	170	150	133	115	101	87	76	66
-21.25°	226	202	181	160	142	125	109	96	82	72	62



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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°	211	190	169	150	133	117	103	90	78	68	59
-23.75°	197	178	158	141	125	110	97	84	74	64	56
-25°	184	165	147	131	115	103	90	79	69	60	53
-26.25°	171	153	137	122	108	95	83	74	65	57	49
-27.5°	157	142	127	112	100	88	78	69	60	53	46
-28.75°	145	130	116	104	92	81	72	64	56	49	43
-30°	133	119	107	95	84	75	67	59	52	46	40
-31.25°	121	109	98	87	78	69	61	55	48	42	37
-32.5°	110	99	89	79	71	63	57	50	44	39	34
-33.75°	100	90	80	73	65	58	52	46	41	36	31
-35°	90	81	73	66	59	53	47	42	37	33	29
-36.25°	80	73	66	60	54	48	43	38	34	30	26
-37.5°	73	66	60	54	49	43	39	35	30	27	24
-38.75°	65	59	54	49	43	39	35	31	28	25	21
-40°	58	53	48	43	39	35	31	28	25	22	19
-41.25°	52	47	43	39	35	31	28	25	22	20	18
-42.5°	46	42	38	35	31	28	25	22	20	18	16
-43.75°	41	37	34	30	28	25	22	20	18	16	14
-45°	36	33	30	27	25	22	20	18	16	14	13
-46.25°	31	29	26	24	21	19	18	16	14	13	12
-47.5°	27	25	23	20	19	17	16	14	13	12	10
-48.75°	24	21	20	18	17	15	14	13	11	10	9
-50°	20	19	17	16	14	13	12	11	10	9	8
-51.25°	18	16	15	14	13	12	11	10	9	8	7
-52.5°	15	14	13	12	11	10	9	9	8	7	6
-53.75°	13	12	12	11	10	9	8	8	7	6	5
-55°	12	11	10	9	9	8	7	7	6	5	4
-56.25°	10	9	9	8	7	7	6	6	5	4	3
-57.5°	9	8	7	7	6	6	5	4	4	3	3
-58.75°	7	7	6	6	5	5	4	3	3	3	3
-60°	6	6	5	4	4	3	3	3	3	3	2
-61.25°	5	4	4	3	3	3	3	3	2	2	2
-62.5°	3	3	3	3	3	3	2	2	2	2	2
-63.75°	3	3	3	2	2	2	2	2	2	1	1
-65°	2	2	2	2	2	2	2	1	1	1	1
-66.25°	2	2	2	2	1	1	1	1	1	1	1
-67.5°	2	1	1	1	1	1	1	1	0	0	0
-68.75°	1	1	1	1	1	0	0	0	0	0	0
-70°	1	1	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	47.5°	48.75°	50°	51.25°	52.5°	53.75°	55°	56.25°	57.5°	58.75°	60°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	1	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	1	0	0	0	0	0	0
61.25°	2	2	1	1	1	1	0	0	0	0	0
60°	2	2	2	1	1	1	1	0	0	0	0
58.75°	2	2	2	2	2	1	1	1	1	0	0
57.5°	3	3	2	2	2	2	1	1	1	1	0
56.25°	3	3	3	2	2	2	2	1	1	1	0
55°	4	3	3	3	2	2	2	2	1	1	1
53.75°	5	4	3	3	3	2	2	2	2	1	1
52.5°	6	5	4	3	3	3	2	2	2	2	1
51.25°	7	6	5	4	3	3	3	2	2	2	1
50°	8	7	6	5	4	3	3	3	2	2	2
48.75°	8	8	7	6	5	4	3	3	3	2	2
47.5°	9	8	8	7	6	5	4	3	3	2	2
46.25°	10	9	8	7	6	5	4	3	3	3	2
45°	12	10	9	8	7	6	5	4	3	3	3
43.75°	13	11	10	9	8	7	6	5	4	3	3
42.5°	14	13	11	10	9	8	7	6	4	3	3
41.25°	16	14	12	11	9	8	7	6	5	4	3
40°	17	15	13	12	10	9	8	7	6	5	3
38.75°	19	17	14	13	11	10	9	7	6	5	4
37.5°	20	18	16	14	12	11	9	8	7	6	4
36.25°	23	20	17	15	13	12	10	9	7	6	5
35°	25	21	19	16	14	12	11	9	8	7	6



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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°	27	24	20	18	15	13	12	10	9	7	6
32.5°	30	26	22	19	17	14	12	11	9	8	7
31.25°	32	28	24	20	18	15	13	11	10	8	7
30°	35	30	26	22	19	16	14	12	10	9	7
28.75°	38	32	28	24	20	17	15	13	11	9	8
27.5°	40	35	30	26	21	18	16	13	11	10	8
26.25°	43	37	32	27	23	19	17	14	12	10	9
25°	45	39	34	29	25	20	18	15	13	11	9
23.75°	49	42	36	30	26	22	19	16	13	11	9
22.5°	52	44	38	32	28	23	19	16	14	12	10
21.25°	54	47	40	34	29	24	20	17	14	12	10
20°	57	49	42	36	30	26	21	18	15	13	11
18.75°	60	52	44	38	32	27	22	19	16	13	11
17.5°	62	54	46	39	33	28	23	19	16	14	12
16.25°	65	56	48	41	35	29	24	20	17	14	12
15°	68	58	50	42	36	30	25	21	17	14	12
13.75°	70	60	52	43	37	31	26	21	18	15	13
12.5°	73	62	53	45	38	32	27	22	18	15	13
11.25°	75	64	55	46	39	33	28	23	19	16	13
10°	77	66	56	48	40	34	28	23	19	16	13
8.75°	79	67	57	49	41	35	29	24	20	16	14
7.5°	80	69	58	50	42	35	29	24	20	17	14
6.25°	81	70	59	51	42	36	30	25	20	17	14
5°	82	71	60	51	43	36	30	25	20	17	14
3.75°	83	72	60	52	43	37	30	25	20	17	14
2.5°	84	72	61	52	43	37	30	26	21	17	14
1.25°	84	72	61	52	44	37	31	26	21	17	14
0°	84	73	61	52	44	37	31	26	21	17	14
-1.25°	84	72	61	52	44	37	31	26	21	17	14
-2.5°	84	72	61	52	43	37	30	26	21	17	14
-3.75°	83	72	60	52	43	37	30	25	20	17	14
-5°	82	71	60	51	43	36	30	25	20	17	14
-6.25°	81	70	59	51	42	36	30	25	20	17	14
-7.5°	80	69	58	50	42	35	29	24	20	17	14
-8.75°	79	67	57	49	41	35	29	24	20	16	14
-10°	77	66	56	48	40	34	28	23	19	16	13
-11.25°	75	64	55	46	39	33	28	23	19	16	13
-12.5°	73	62	53	45	38	32	27	22	18	15	13
-13.75°	70	60	52	43	37	31	26	21	18	15	13
-15°	68	58	50	42	36	30	25	21	17	14	12
-16.25°	65	56	48	41	35	29	24	20	17	14	12
-17.5°	62	54	46	39	33	28	23	19	16	14	12
-18.75°	60	52	44	38	32	27	22	19	16	13	11
-20°	57	49	42	36	30	26	21	18	15	13	11
-21.25°	54	47	40	34	29	24	20	17	14	12	10



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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°	52	44	38	32	28	23	19	16	14	12	10
-23.75°	49	42	36	30	26	22	19	16	13	11	9
-25°	45	39	34	29	25	20	18	15	13	11	9
-26.25°	43	37	32	27	23	19	17	14	12	10	9
-27.5°	40	35	30	26	21	18	16	13	11	10	8
-28.75°	38	32	28	24	20	17	15	13	11	9	8
-30°	35	30	26	22	19	16	14	12	10	9	7
-31.25°	32	28	24	20	18	15	13	11	10	8	7
-32.5°	30	26	22	19	17	14	12	11	9	8	7
-33.75°	27	24	20	18	15	13	12	10	9	7	6
-35°	25	21	19	16	14	12	11	9	8	7	6
-36.25°	23	20	17	15	13	12	10	9	7	6	5
-37.5°	20	18	16	14	12	11	9	8	7	6	4
-38.75°	19	17	14	13	11	10	9	7	6	5	4
-40°	17	15	13	12	10	9	8	7	6	5	3
-41.25°	16	14	12	11	9	8	7	6	5	4	3
-42.5°	14	13	11	10	9	8	7	6	4	3	3
-43.75°	13	11	10	9	8	7	6	5	4	3	3
-45°	12	10	9	8	7	6	5	4	3	3	3
-46.25°	10	9	8	7	6	5	4	3	3	3	2
-47.5°	9	8	8	7	6	5	4	3	3	2	2
-48.75°	8	8	7	6	5	4	3	3	3	2	2
-50°	8	7	6	5	4	3	3	3	2	2	2
-51.25°	7	6	5	4	3	3	3	2	2	2	1
-52.5°	6	5	4	3	3	3	2	2	2	2	1
-53.75°	5	4	3	3	3	2	2	2	2	1	1
-55°	4	3	3	3	2	2	2	2	1	1	1
-56.25°	3	3	3	2	2	2	2	1	1	1	0
-57.5°	3	3	2	2	2	2	1	1	1	1	0
-58.75°	2	2	2	2	2	1	1	1	1	0	0
-60°	2	2	2	1	1	1	1	0	0	0	0
-61.25°	2	2	1	1	1	1	0	0	0	0	0
-62.5°	1	1	1	1	1	0	0	0	0	0	0
-63.75°	1	1	1	0	0	0	0	0	0	0	0
-65°	1	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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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	3	3	2	2	2	1	1	0	0	0
32.5°	5	4	3	3	2	2	1	1	0	0	0
31.25°	6	4	3	3	2	2	1	1	0	0	0
30°	6	5	3	3	2	2	1	1	1	0	0
28.75°	7	5	4	3	2	2	2	1	1	0	0
27.5°	7	6	4	3	3	2	2	1	1	0	0
26.25°	7	6	4	3	3	2	2	1	1	0	0
25°	8	6	5	3	3	2	2	1	1	0	0
23.75°	8	7	5	4	3	2	2	1	1	0	0
22.5°	8	7	5	4	3	3	2	2	1	0	0
21.25°	9	7	6	4	3	3	2	2	1	1	0
20°	9	8	6	4	3	3	2	2	1	1	0
18.75°	9	8	6	5	3	3	2	2	1	1	0
17.5°	10	8	7	5	3	3	2	2	1	1	0
16.25°	10	8	7	5	4	3	2	2	1	1	0
15°	10	9	7	5	4	3	2	2	1	1	0
13.75°	10	9	7	6	4	3	2	2	1	1	0
12.5°	11	9	7	6	4	3	3	2	1	1	0
11.25°	11	9	8	6	4	3	3	2	1	1	0
10°	11	9	8	6	4	3	3	2	2	1	0
8.75°	11	9	8	6	5	3	3	2	2	1	0
7.5°	12	9	8	6	5	3	3	2	2	1	0
6.25°	12	10	8	6	5	3	3	2	2	1	1
5°	12	10	8	6	5	3	3	2	2	1	1
3.75°	12	10	8	7	5	3	3	2	2	1	1
2.5°	12	10	8	7	5	3	3	2	2	1	1
1.25°	12	10	8	7	5	3	3	2	2	1	1
0°	12	10	8	7	5	3	3	2	2	1	1
-1.25°	12	10	8	7	5	3	3	2	2	1	1
-2.5°	12	10	8	7	5	3	3	2	2	1	1
-3.75°	12	10	8	7	5	3	3	2	2	1	1
-5°	12	10	8	6	5	3	3	2	2	1	1
-6.25°	12	10	8	6	5	3	3	2	2	1	1
-7.5°	12	9	8	6	5	3	3	2	2	1	0
-8.75°	11	9	8	6	5	3	3	2	2	1	0
-10°	11	9	8	6	4	3	3	2	2	1	0
-11.25°	11	9	8	6	4	3	3	2	1	1	0
-12.5°	11	9	7	6	4	3	3	2	1	1	0
-13.75°	10	9	7	6	4	3	2	2	1	1	0
-15°	10	9	7	5	4	3	2	2	1	1	0
-16.25°	10	8	7	5	4	3	2	2	1	1	0
-17.5°	10	8	7	5	3	3	2	2	1	1	0
-18.75°	9	8	6	5	3	3	2	2	1	1	0
-20°	9	8	6	4	3	3	2	2	1	1	0
-21.25°	9	7	6	4	3	3	2	2	1	1	0



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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°	8	7	5	4	3	3	2	2	1	0	0
-23.75°	8	7	5	4	3	2	2	1	1	0	0
-25°	8	6	5	3	3	2	2	1	1	0	0
-26.25°	7	6	4	3	3	2	2	1	1	0	0
-27.5°	7	6	4	3	3	2	2	1	1	0	0
-28.75°	7	5	4	3	2	2	2	1	1	0	0
-30°	6	5	3	3	2	2	1	1	1	0	0
-31.25°	6	4	3	3	2	2	1	1	0	0	0
-32.5°	5	4	3	3	2	2	1	1	0	0	0
-33.75°	5	3	3	2	2	2	1	1	0	0	0
-35°	4	3	3	2	2	1	1	1	0	0	0
-36.25°	4	3	3	2	2	1	1	0	0	0	0
-37.5°	3	3	2	2	2	1	1	0	0	0	0
-38.75°	3	3	2	2	1	1	1	0	0	0	0
-40°	3	3	2	2	1	1	0	0	0	0	0
-41.25°	3	2	2	2	1	1	0	0	0	0	0
-42.5°	3	2	2	1	1	1	0	0	0	0	0
-43.75°	2	2	2	1	1	0	0	0	0	0	0
-45°	2	2	1	1	1	0	0	0	0	0	0
-46.25°	2	2	1	1	1	0	0	0	0	0	0
-47.5°	2	1	1	1	0	0	0	0	0	0	0
-48.75°	2	1	1	1	0	0	0	0	0	0	0
-50°	1	1	1	0	0	0	0	0	0	0	0
-51.25°	1	1	0	0	0	0	0	0	0	0	0
-52.5°	1	1	0	0	0	0	0	0	0	0	0
-53.75°	1	0	0	0	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0	0	0	0	0
-56.25°	0	0	0	0	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0	0	0	0	0
-58.75°	0	0	0	0	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0	0	0	0	0
-61.25°	0	0	0	0	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0	0	0	0	0
-63.75°	0	0	0	0	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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: P220428 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED5080-W-BK-L1-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)