

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: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

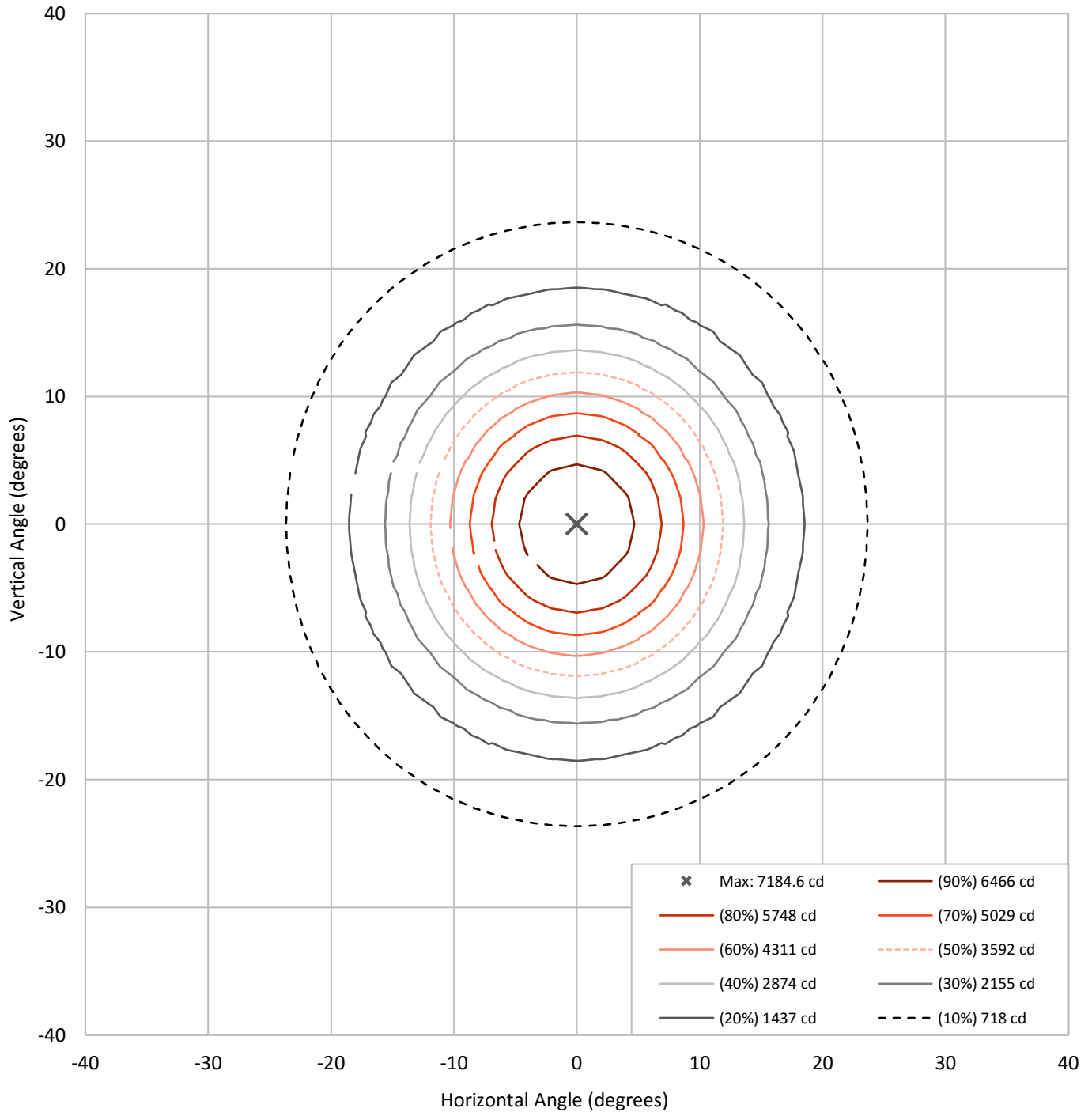
Test Method: LM-79-08
Report Number: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29473)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,
MEDIUM FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 5000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1497.2 lumens	Max Intensity:	7184.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	74.5 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	23.8°H x 23.8°V	Field Angle (10%):	47.3°H x 47.3°V
Beam Lumens:	702.8 lumens	Field Lumens:	1349.4 lumens
Beam Efficiency:	46.9%	Field Efficiency:	90.1%
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: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

Iso-Candela Plot





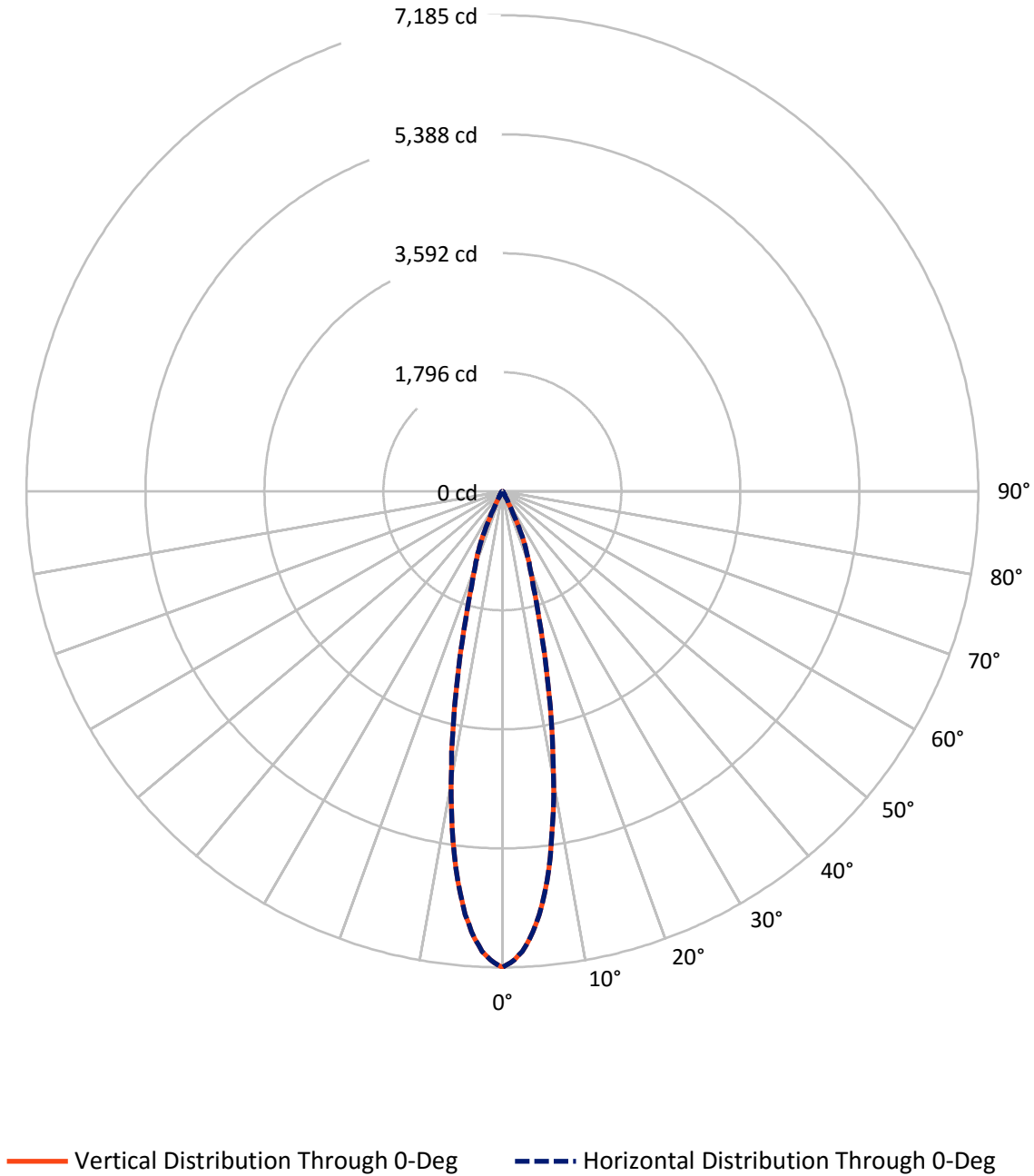
REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
60		0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0		
50	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.0	0.0	
40		0.0	0.1	0.2	0.3	0.4	0.8	1.2	1.2	0.8	0.4	0.3	0.2	0.1		0.0
30	0.0	0.0	0.1	0.2	0.4	1.2	5.9	14.9	14.9	5.9	1.2	0.4	0.2	0.1	0.0	
20		0.0	0.1	0.3	0.7	5.6	31.5	66.2	66.2	31.5	5.6	0.7	0.3	0.1		0.0
10	0.0	0.0	0.1	0.3	1.0	13.8	64.5	161.8	161.8	64.5	13.8	1.0	0.3	0.1	0.0	
0		0.0	0.1	0.3	1.0	13.8	64.5	161.8	161.8	64.5	13.8	1.0	0.3	0.1		0.0
-10	0.0	0.0	0.1	0.3	1.0	13.8	64.5	161.8	161.8	64.5	13.8	1.0	0.3	0.1	0.0	
-20		0.0	0.1	0.3	0.7	5.6	31.5	66.2	66.2	31.5	5.6	0.7	0.3	0.1		0.0
-30	0.0	0.0	0.1	0.2	0.4	1.2	5.9	14.9	14.9	5.9	1.2	0.4	0.2	0.1	0.0	
-40		0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.0		0.0
-50	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	
-60		0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0		0.0
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

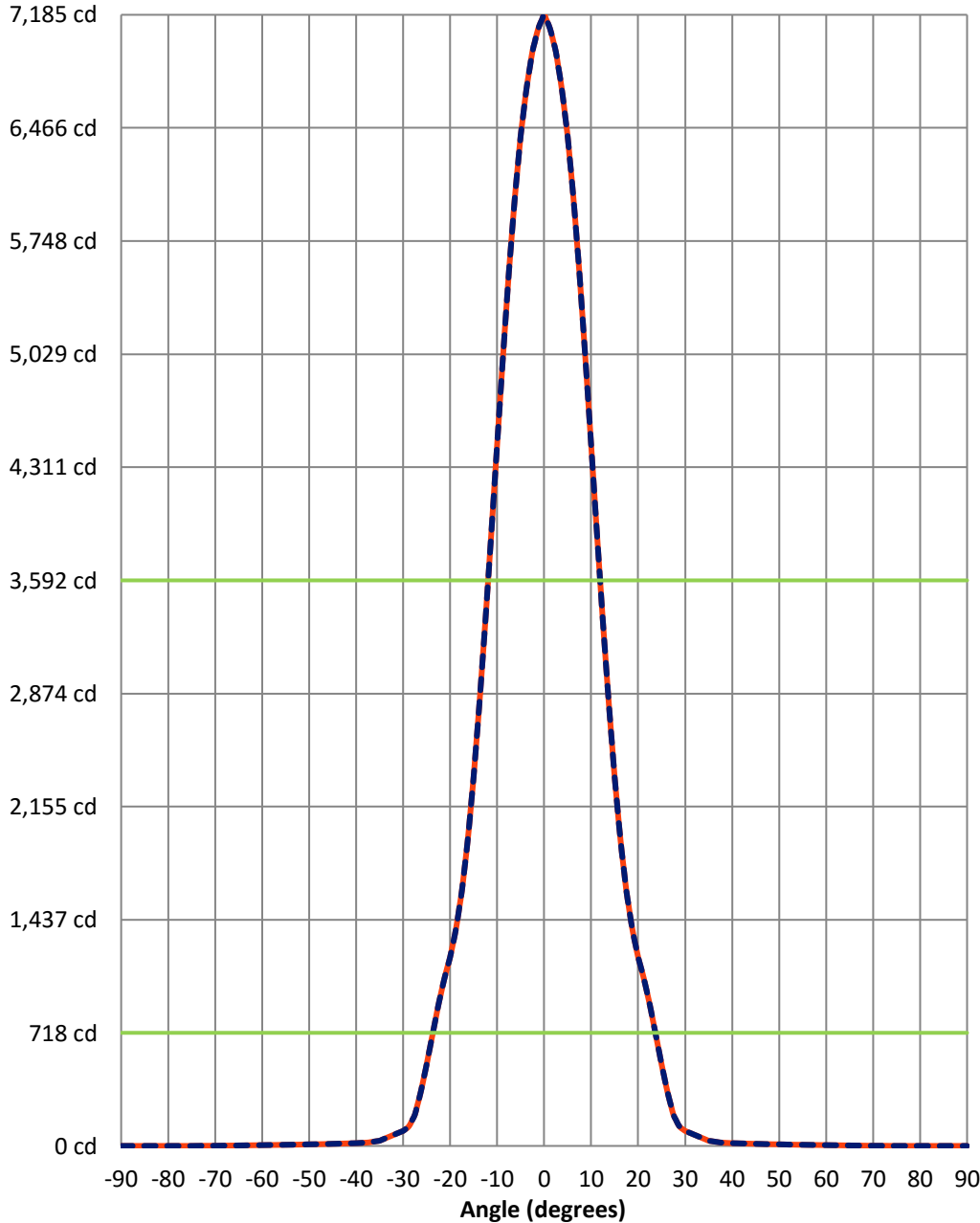
REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

Luminous Intensity Polar Plot



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Plot



Beam:
 H Angle: 23.8°
 V Angle: 23.8°
 Lumens: 702.8
 Efficiency: 46.9%

Field:
 H Angle: 47.3°
 V Angle: 47.3°
 Lumens: 1349.4
 Efficiency: 90.1%

Spill:
 Lumens: 147.7
 Efficiency: 9.9%

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



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

FIELD
 BEAM

CANDELA DISTRIBUTION:

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-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: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-62.5°	-61.25°	-60°	-58.75°	-57.5°	-56.25°	-55°	-53.75°	-52.5°	-51.25°	-50°
33.75°	2	3	3	3	4	4	5	5	5	6	6
32.5°	2	3	3	4	4	4	5	5	6	6	6
31.25°	2	3	3	4	4	5	5	5	6	6	7
30°	3	3	3	4	4	5	5	6	6	6	7
28.75°	3	3	4	4	4	5	5	6	6	7	7
27.5°	3	3	4	4	5	5	5	6	6	7	7
26.25°	3	3	4	4	5	5	6	6	6	7	7
25°	3	3	4	4	5	5	6	6	7	7	8
23.75°	3	4	4	5	5	5	6	6	7	7	8
22.5°	3	4	4	5	5	6	6	6	7	7	8
21.25°	3	4	4	5	5	6	6	7	7	8	8
20°	3	4	4	5	5	6	6	7	7	8	8
18.75°	4	4	5	5	5	6	6	7	7	8	8
17.5°	4	4	5	5	6	6	6	7	7	8	9
16.25°	4	4	5	5	6	6	7	7	8	8	9
15°	4	4	5	5	6	6	7	7	8	8	9
13.75°	4	4	5	5	6	6	7	7	8	8	9
12.5°	4	4	5	5	6	6	7	7	8	8	9
11.25°	4	4	5	5	6	6	7	7	8	9	10
10°	4	5	5	5	6	6	7	8	8	9	10
8.75°	4	5	5	6	6	7	7	8	8	9	10
7.5°	4	5	5	6	6	7	7	8	8	9	10
6.25°	4	5	5	6	6	7	7	8	8	9	10
5°	4	5	5	6	6	7	7	8	8	9	10
3.75°	4	5	5	6	6	7	7	8	8	9	10
2.5°	4	5	5	6	6	7	7	8	8	9	10
1.25°	4	5	5	6	6	7	7	8	8	9	10
0°	4	5	5	6	6	7	7	8	8	9	10
-1.25°	4	5	5	6	6	7	7	8	8	9	10
-2.5°	4	5	5	6	6	7	7	8	8	9	10
-3.75°	4	5	5	6	6	7	7	8	8	9	10
-5°	4	5	5	6	6	7	7	8	8	9	10
-6.25°	4	5	5	6	6	7	7	8	8	9	10
-7.5°	4	5	5	6	6	7	7	8	8	9	10
-8.75°	4	5	5	6	6	7	7	8	8	9	10
-10°	4	5	5	5	6	6	7	8	8	9	10
-11.25°	4	4	5	5	6	6	7	7	8	9	10
-12.5°	4	4	5	5	6	6	7	7	8	8	9
-13.75°	4	4	5	5	6	6	7	7	8	8	9
-15°	4	4	5	5	6	6	7	7	8	8	9
-16.25°	4	4	5	5	6	6	7	7	8	8	9
-17.5°	4	4	5	5	6	6	6	7	7	8	9
-18.75°	4	4	5	5	5	6	6	7	7	8	8
-20°	3	4	4	5	5	6	6	7	7	8	8
-21.25°	3	4	4	5	5	6	6	7	7	8	8



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-48.75°	-47.5°	-46.25°	-45°	-43.75°	-42.5°	-41.25°	-40°	-38.75°	-37.5°	-36.25°
33.75°	7	7	7	8	8	9	9	10	11	11	11
32.5°	7	7	8	8	8	9	10	10	11	11	12
31.25°	7	7	8	8	9	10	10	11	11	12	12
30°	7	8	8	9	9	10	11	11	11	12	13
28.75°	7	8	8	9	10	11	11	11	12	13	13
27.5°	8	8	9	9	10	11	11	12	12	13	14
26.25°	8	8	9	10	11	11	11	12	13	14	15
25°	8	9	9	10	11	11	12	13	13	14	15
23.75°	8	9	10	11	11	11	12	13	14	15	16
22.5°	8	9	10	11	11	12	13	14	14	15	16
21.25°	9	10	10	11	11	12	13	14	15	16	17
20°	9	10	11	11	12	13	13	14	15	16	17
18.75°	9	10	11	11	12	13	14	15	16	17	18
17.5°	10	10	11	11	12	13	14	15	16	17	18
16.25°	10	11	11	12	13	14	15	15	16	17	19
15°	10	11	11	12	13	14	15	16	17	18	20
13.75°	10	11	11	12	13	14	15	16	17	18	20
12.5°	10	11	11	12	13	14	15	16	17	19	21
11.25°	11	11	12	13	14	15	16	17	18	19	21
10°	11	11	12	13	14	15	16	17	18	20	22
8.75°	11	11	12	13	14	15	16	17	18	20	23
7.5°	11	11	12	13	14	15	16	17	19	21	24
6.25°	11	11	12	13	14	15	16	17	19	21	25
5°	11	11	12	13	14	15	16	17	19	21	26
3.75°	11	11	12	13	14	15	17	18	19	22	27
2.5°	11	11	12	13	15	16	17	18	20	22	27
1.25°	11	11	12	13	15	16	17	18	20	22	27
0°	11	11	12	14	15	16	17	18	20	22	28
-1.25°	11	11	12	13	15	16	17	18	20	22	27
-2.5°	11	11	12	13	15	16	17	18	20	22	27
-3.75°	11	11	12	13	14	15	17	18	19	22	27
-5°	11	11	12	13	14	15	16	17	19	21	26
-6.25°	11	11	12	13	14	15	16	17	19	21	25
-7.5°	11	11	12	13	14	15	16	17	19	21	24
-8.75°	11	11	12	13	14	15	16	17	18	20	23
-10°	11	11	12	13	14	15	16	17	18	20	22
-11.25°	11	11	12	13	14	15	16	17	18	19	21
-12.5°	10	11	11	12	13	14	15	16	17	19	21
-13.75°	10	11	11	12	13	14	15	16	17	18	20
-15°	10	11	11	12	13	14	15	16	17	18	20
-16.25°	10	11	11	12	13	14	15	15	16	17	19
-17.5°	10	10	11	11	12	13	14	15	16	17	18
-18.75°	9	10	11	11	12	13	14	15	16	17	18
-20°	9	10	11	11	12	13	13	14	15	16	17
-21.25°	9	10	10	11	11	12	13	14	15	16	17



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-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°	8	9	10	11	11	12	13	14	14	15	16
-23.75°	8	9	10	11	11	11	12	13	14	15	16
-25°	8	9	9	10	11	11	12	13	13	14	15
-26.25°	8	8	9	10	11	11	11	12	13	14	15
-27.5°	8	8	9	9	10	11	11	12	12	13	14
-28.75°	7	8	8	9	10	11	11	11	12	13	13
-30°	7	8	8	9	9	10	11	11	11	12	13
-31.25°	7	7	8	8	9	10	10	11	11	12	12
-32.5°	7	7	8	8	8	9	10	10	11	11	12
-33.75°	7	7	7	8	8	9	9	10	11	11	11
-35°	6	7	7	7	8	8	9	9	10	11	11
-36.25°	6	6	7	7	8	8	8	9	10	10	11
-37.5°	6	6	7	7	7	8	8	8	9	10	10
-38.75°	6	6	6	7	7	7	8	8	8	9	10
-40°	5	6	6	6	7	7	7	8	8	8	9
-41.25°	5	5	6	6	6	7	7	7	8	8	8
-42.5°	5	5	5	6	6	6	7	7	7	8	8
-43.75°	5	5	5	5	6	6	6	7	7	7	8
-45°	4	5	5	5	5	6	6	6	7	7	7
-46.25°	4	4	5	5	5	5	6	6	6	7	7
-47.5°	4	4	4	5	5	5	5	6	6	6	6
-48.75°	3	4	4	4	5	5	5	5	6	6	6
-50°	3	3	4	4	4	5	5	5	5	5	6
-51.25°	3	3	3	4	4	4	4	5	5	5	5
-52.5°	3	3	3	3	4	4	4	4	5	5	5
-53.75°	2	3	3	3	3	3	4	4	4	4	5
-55°	2	2	2	3	3	3	3	4	4	4	4
-56.25°	2	2	2	2	3	3	3	3	3	4	4
-57.5°	1	2	2	2	2	2	3	3	3	3	3
-58.75°	1	1	1	2	2	2	2	2	3	3	3
-60°	1	1	1	1	2	2	2	2	2	2	3
-61.25°	1	1	1	1	1	1	2	2	2	2	2
-62.5°	1	1	1	1	1	1	1	1	1	2	2
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	0	1	1	1	1	1	1	1	1	1	1
-66.25°	0	0	0	1	1	1	1	1	1	1	1
-67.5°	0	0	0	0	0	1	1	1	1	1	1
-68.75°	0	0	0	0	0	0	0	0	1	1	1
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	2	2	2	2
65°	1	1	1	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	3	3	3
62.5°	2	2	2	2	3	3	3	3	3	3	3
61.25°	2	3	3	3	3	3	3	3	3	4	4
60°	3	3	3	3	3	4	4	4	4	4	4
58.75°	3	3	4	4	4	4	4	4	4	5	5
57.5°	4	4	4	4	4	4	5	5	5	5	5
56.25°	4	4	4	5	5	5	5	5	5	5	6
55°	4	5	5	5	5	5	5	6	6	6	6
53.75°	5	5	5	5	6	6	6	6	6	6	6
52.5°	5	5	6	6	6	6	6	6	7	7	7
51.25°	6	6	6	6	6	7	7	7	7	7	7
50°	6	6	6	7	7	7	7	7	8	8	8
48.75°	6	7	7	7	7	7	8	8	8	8	8
47.5°	7	7	7	7	8	8	8	8	9	9	9
46.25°	7	7	8	8	8	8	9	9	9	10	10
45°	7	8	8	8	9	9	9	10	10	11	11
43.75°	8	8	8	9	9	10	10	11	11	11	11
42.5°	8	9	9	10	10	11	11	11	11	11	12
41.25°	9	9	10	10	11	11	11	11	12	12	13
40°	9	10	10	11	11	11	12	12	13	13	14
38.75°	10	11	11	11	11	12	12	13	13	14	14
37.5°	11	11	11	12	12	13	13	14	14	15	15
36.25°	11	11	12	12	13	13	14	15	15	16	16
35°	11	12	12	13	14	14	15	15	16	16	17



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-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°	12	12	13	14	14	15	16	16	17	17	18
32.5°	12	13	14	14	15	16	16	17	18	19	20
31.25°	13	14	14	15	16	16	17	18	19	20	21
30°	14	14	15	16	17	17	18	19	21	22	25
28.75°	14	15	16	16	17	18	19	21	22	26	29
27.5°	15	16	16	17	18	19	21	23	26	30	34
26.25°	15	16	17	18	19	21	23	27	30	35	45
25°	16	17	18	19	21	22	26	30	36	46	56
23.75°	16	17	19	20	22	26	30	35	46	57	67
22.5°	17	18	20	21	25	29	34	45	56	67	78
21.25°	18	19	21	23	28	32	43	55	66	77	89
20°	18	20	22	26	31	39	51	64	76	87	100
18.75°	19	21	24	29	34	47	60	72	85	97	113
17.5°	20	22	27	31	42	55	68	81	93	109	144
16.25°	21	24	29	35	49	62	75	89	103	133	198
15°	21	26	31	42	55	69	83	96	116	167	267
13.75°	23	28	33	47	62	75	89	105	141	222	350
12.5°	25	30	39	53	67	81	96	117	174	287	433
11.25°	26	32	43	58	72	87	103	137	220	355	514
10°	28	33	48	62	77	92	110	157	269	422	591
8.75°	29	37	52	66	81	97	122	192	322	485	660
7.5°	30	40	55	70	85	102	136	224	369	541	722
6.25°	31	42	58	73	88	106	148	253	413	591	775
5°	32	45	60	76	91	110	161	284	450	632	819
3.75°	32	47	62	77	93	113	178	309	479	665	852
2.5°	33	48	63	79	94	118	189	326	500	688	876
1.25°	33	49	64	80	95	122	197	337	513	702	890
0°	33	49	64	80	96	123	199	341	517	707	895
-1.25°	33	49	64	80	95	122	197	337	513	702	890
-2.5°	33	48	63	79	94	118	189	326	500	688	876
-3.75°	32	47	62	77	93	113	178	309	479	665	852
-5°	32	45	60	76	91	110	161	284	450	632	819
-6.25°	31	42	58	73	88	106	148	253	413	591	775
-7.5°	30	40	55	70	85	102	136	224	369	541	722
-8.75°	29	37	52	66	81	97	122	192	322	485	660
-10°	28	33	48	62	77	92	110	157	269	422	591
-11.25°	26	32	43	58	72	87	103	137	220	355	514
-12.5°	25	30	39	53	67	81	96	117	174	287	433
-13.75°	23	28	33	47	62	75	89	105	141	222	350
-15°	21	26	31	42	55	69	83	96	116	167	267
-16.25°	21	24	29	35	49	62	75	89	103	133	198
-17.5°	20	22	27	31	42	55	68	81	93	109	144
-18.75°	19	21	24	29	34	47	60	72	85	97	113
-20°	18	20	22	26	31	39	51	64	76	87	100
-21.25°	18	19	21	23	28	32	43	55	66	77	89



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-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°	17	18	20	21	25	29	34	45	56	67	78
-23.75°	16	17	19	20	22	26	30	35	46	57	67
-25°	16	17	18	19	21	22	26	30	36	46	56
-26.25°	15	16	17	18	19	21	23	27	30	35	45
-27.5°	15	16	16	17	18	19	21	23	26	30	34
-28.75°	14	15	16	16	17	18	19	21	22	26	29
-30°	14	14	15	16	17	17	18	19	21	22	25
-31.25°	13	14	14	15	16	16	17	18	19	20	21
-32.5°	12	13	14	14	15	16	16	17	18	19	20
-33.75°	12	12	13	14	14	15	16	16	17	17	18
-35°	11	12	12	13	14	14	15	15	16	16	17
-36.25°	11	11	12	12	13	13	14	15	15	16	16
-37.5°	11	11	11	12	12	13	13	14	14	15	15
-38.75°	10	11	11	11	11	12	12	13	13	14	14
-40°	9	10	10	11	11	11	12	12	13	13	14
-41.25°	9	9	10	10	11	11	11	11	12	12	13
-42.5°	8	9	9	10	10	11	11	11	11	11	12
-43.75°	8	8	8	9	9	10	10	11	11	11	11
-45°	7	8	8	8	9	9	9	10	10	11	11
-46.25°	7	7	8	8	8	8	9	9	9	10	10
-47.5°	7	7	7	7	8	8	8	8	9	9	9
-48.75°	6	7	7	7	7	7	8	8	8	8	8
-50°	6	6	6	7	7	7	7	7	8	8	8
-51.25°	6	6	6	6	6	7	7	7	7	7	7
-52.5°	5	5	6	6	6	6	6	6	7	7	7
-53.75°	5	5	5	5	6	6	6	6	6	6	6
-55°	4	5	5	5	5	5	5	6	6	6	6
-56.25°	4	4	4	5	5	5	5	5	5	5	6
-57.5°	4	4	4	4	4	4	5	5	5	5	5
-58.75°	3	3	4	4	4	4	4	4	4	5	5
-60°	3	3	3	3	3	4	4	4	4	4	4
-61.25°	2	3	3	3	3	3	3	3	3	4	4
-62.5°	2	2	2	2	3	3	3	3	3	3	3
-63.75°	2	2	2	2	2	2	2	2	3	3	3
-65°	1	1	1	2	2	2	2	2	2	2	2
-66.25°	1	1	1	1	1	1	1	2	2	2	2
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	0	0	0	0	0	1	1	1	1	1	1
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	3	3	3	3	3	3	3	3	3
63.75°	3	3	3	3	3	3	3	3	3	3	4
62.5°	3	3	4	4	4	4	4	4	4	4	4
61.25°	4	4	4	4	4	4	4	4	4	5	5
60°	4	4	5	5	5	5	5	5	5	5	5
58.75°	5	5	5	5	5	5	5	5	5	5	6
57.5°	5	5	5	6	6	6	6	6	6	6	6
56.25°	6	6	6	6	6	6	6	6	6	6	7
55°	6	6	6	6	7	7	7	7	7	7	7
53.75°	7	7	7	7	7	7	7	7	7	8	8
52.5°	7	7	7	7	8	8	8	8	8	8	8
51.25°	8	8	8	8	8	8	8	8	9	9	9
50°	8	8	8	9	9	9	9	9	10	10	10
48.75°	9	9	9	10	10	10	10	10	11	11	11
47.5°	10	10	10	10	11	11	11	11	11	11	11
46.25°	10	11	11	11	11	11	11	11	12	12	12
45°	11	11	11	11	12	12	12	12	13	13	13
43.75°	11	12	12	12	13	13	13	13	14	14	14
42.5°	12	13	13	13	14	14	14	14	15	15	15
41.25°	13	13	14	14	15	15	15	15	16	16	16
40°	14	14	15	15	15	16	16	16	17	17	17
38.75°	15	15	16	16	16	17	17	17	18	18	18
37.5°	16	16	17	17	17	18	18	19	19	20	20
36.25°	17	17	18	18	19	20	20	21	21	22	23
35°	18	18	19	20	21	21	23	25	26	28	29



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-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°	19	20	21	22	24	26	28	30	32	33	37
32.5°	21	22	24	27	29	31	33	39	43	48	52
31.25°	23	26	29	31	35	42	47	53	58	62	66
30°	28	31	34	42	49	55	62	67	72	77	81
28.75°	32	39	47	55	62	69	75	81	87	92	97
27.5°	43	51	60	68	75	83	89	96	103	110	122
26.25°	55	64	72	81	89	96	105	117	137	157	192
25°	66	76	85	93	103	116	141	174	220	269	322
23.75°	77	87	97	109	133	167	222	287	355	422	485
22.5°	89	100	113	144	198	267	350	433	514	591	660
21.25°	101	118	152	220	306	400	498	592	681	763	836
20°	118	155	231	330	437	545	652	753	846	929	998
18.75°	152	231	337	455	575	693	806	908	998	1071	1132
17.5°	220	330	455	585	714	837	950	1043	1123	1191	1265
16.25°	306	437	575	714	847	971	1071	1157	1242	1331	1438
15°	400	545	693	837	971	1081	1174	1275	1390	1516	1661
13.75°	498	652	806	950	1071	1174	1285	1420	1576	1747	1937
12.5°	592	753	908	1043	1157	1275	1420	1596	1799	2021	2271
11.25°	681	846	998	1123	1242	1390	1576	1799	2055	2342	2632
10°	763	929	1071	1191	1331	1516	1747	2021	2342	2673	3014
8.75°	836	998	1132	1265	1438	1661	1937	2271	2632	3014	3397
7.5°	898	1054	1184	1333	1541	1805	2133	2511	2918	3343	3770
6.25°	952	1101	1236	1411	1647	1946	2318	2731	3184	3648	4118
5°	992	1136	1281	1477	1737	2077	2486	2937	3419	3922	4423
3.75°	1022	1164	1318	1534	1824	2192	2623	3103	3614	4147	4675
2.5°	1044	1184	1348	1582	1887	2276	2724	3229	3763	4316	4863
1.25°	1057	1196	1369	1610	1925	2327	2792	3307	3855	4419	4979
0°	1061	1200	1376	1620	1938	2345	2814	3333	3886	4455	5017
-1.25°	1057	1196	1369	1610	1925	2327	2792	3307	3855	4419	4979
-2.5°	1044	1184	1348	1582	1887	2276	2724	3229	3763	4316	4863
-3.75°	1022	1164	1318	1534	1824	2192	2623	3103	3614	4147	4675
-5°	992	1136	1281	1477	1737	2077	2486	2937	3419	3922	4423
-6.25°	952	1101	1236	1411	1647	1946	2318	2731	3184	3648	4118
-7.5°	898	1054	1184	1333	1541	1805	2133	2511	2918	3343	3770
-8.75°	836	998	1132	1265	1438	1661	1937	2271	2632	3014	3397
-10°	763	929	1071	1191	1331	1516	1747	2021	2342	2673	3014
-11.25°	681	846	998	1123	1242	1390	1576	1799	2055	2342	2632
-12.5°	592	753	908	1043	1157	1275	1420	1596	1799	2021	2271
-13.75°	498	652	806	950	1071	1174	1285	1420	1576	1747	1937
-15°	400	545	693	837	971	1081	1174	1275	1390	1516	1661
-16.25°	306	437	575	714	847	971	1071	1157	1242	1331	1438
-17.5°	220	330	455	585	714	837	950	1043	1123	1191	1265
-18.75°	152	231	337	455	575	693	806	908	998	1071	1132
-20°	118	155	231	330	437	545	652	753	846	929	998
-21.25°	101	118	152	220	306	400	498	592	681	763	836



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-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°	89	100	113	144	198	267	350	433	514	591	660
-23.75°	77	87	97	109	133	167	222	287	355	422	485
-25°	66	76	85	93	103	116	141	174	220	269	322
-26.25°	55	64	72	81	89	96	105	117	137	157	192
-27.5°	43	51	60	68	75	83	89	96	103	110	122
-28.75°	32	39	47	55	62	69	75	81	87	92	97
-30°	28	31	34	42	49	55	62	67	72	77	81
-31.25°	23	26	29	31	35	42	47	53	58	62	66
-32.5°	21	22	24	27	29	31	33	39	43	48	52
-33.75°	19	20	21	22	24	26	28	30	32	33	37
-35°	18	18	19	20	21	21	23	25	26	28	29
-36.25°	17	17	18	18	19	20	20	21	21	22	23
-37.5°	16	16	17	17	17	18	18	19	19	20	20
-38.75°	15	15	16	16	16	17	17	17	18	18	18
-40°	14	14	15	15	15	16	16	16	17	17	17
-41.25°	13	13	14	14	15	15	15	15	16	16	16
-42.5°	12	13	13	13	14	14	14	14	15	15	15
-43.75°	11	12	12	12	13	13	13	13	14	14	14
-45°	11	11	11	11	12	12	12	12	13	13	13
-46.25°	10	11	11	11	11	11	11	11	12	12	12
-47.5°	10	10	10	10	11	11	11	11	11	11	11
-48.75°	9	9	9	10	10	10	10	10	11	11	11
-50°	8	8	8	9	9	9	9	9	10	10	10
-51.25°	8	8	8	8	8	8	8	8	9	9	9
-52.5°	7	7	7	7	8	8	8	8	8	8	8
-53.75°	7	7	7	7	7	7	7	7	7	8	8
-55°	6	6	6	6	7	7	7	7	7	7	7
-56.25°	6	6	6	6	6	6	6	6	6	6	7
-57.5°	5	5	5	6	6	6	6	6	6	6	6
-58.75°	5	5	5	5	5	5	5	5	5	5	6
-60°	4	4	5	5	5	5	5	5	5	5	5
-61.25°	4	4	4	4	4	4	4	4	4	5	5
-62.5°	3	3	4	4	4	4	4	4	4	4	4
-63.75°	3	3	3	3	3	3	3	3	3	3	4
-65°	2	2	3	3	3	3	3	3	3	3	3
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	1	1	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	1	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	2	2	2	2	2	2	2	2	2
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	3	3	3	3	3	3	3	3	3	3	3
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	4	4	4	4	4	4	4	4	4	4	4
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	5	5	5	5	5	5	5	5	5	5	5
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	6	6	6	6	6	6	6	6	6	6	6
57.5°	6	6	6	6	6	6	6	6	6	6	6
56.25°	7	7	7	7	7	7	7	7	7	7	7
55°	7	7	7	7	7	7	7	7	7	7	7
53.75°	8	8	8	8	8	8	8	8	8	8	8
52.5°	8	8	8	8	8	8	8	8	8	8	8
51.25°	9	9	9	9	9	9	9	9	9	9	9
50°	10	10	10	10	10	10	10	10	10	10	10
48.75°	11	11	11	11	11	11	11	11	11	11	11
47.5°	11	11	11	11	11	11	11	11	11	11	11
46.25°	12	12	12	12	12	12	12	12	12	12	12
45°	13	13	13	13	13	13	14	13	13	13	13
43.75°	14	14	14	14	15	15	15	15	15	14	14
42.5°	15	15	15	15	16	16	16	16	16	15	15
41.25°	16	16	16	17	17	17	17	17	17	17	16
40°	17	17	17	18	18	18	18	18	18	18	17
38.75°	19	19	19	19	20	20	20	20	20	19	19
37.5°	21	21	21	22	22	22	22	22	22	22	21
36.25°	24	25	26	27	27	27	28	27	27	27	26
35°	30	31	32	32	33	33	33	33	33	32	32



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-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°	40	42	45	47	48	49	49	49	48	47	45
32.5°	55	58	60	62	63	64	64	64	63	62	60
31.25°	70	73	76	77	79	80	80	80	79	77	76
30°	85	88	91	93	94	95	96	95	94	93	91
28.75°	102	106	110	113	118	122	123	122	118	113	110
27.5°	136	148	161	178	189	197	199	197	189	178	161
26.25°	224	253	284	309	326	337	341	337	326	309	284
25°	369	413	450	479	500	513	517	513	500	479	450
23.75°	541	591	632	665	688	702	707	702	688	665	632
22.5°	722	775	819	852	876	890	895	890	876	852	819
21.25°	898	952	992	1022	1044	1057	1061	1057	1044	1022	992
20°	1054	1101	1136	1164	1184	1196	1200	1196	1184	1164	1136
18.75°	1184	1236	1281	1318	1348	1369	1376	1369	1348	1318	1281
17.5°	1333	1411	1477	1534	1582	1610	1620	1610	1582	1534	1477
16.25°	1541	1647	1737	1824	1887	1925	1938	1925	1887	1824	1737
15°	1805	1946	2077	2192	2276	2327	2345	2327	2276	2192	2077
13.75°	2133	2318	2486	2623	2724	2792	2814	2792	2724	2623	2486
12.5°	2511	2731	2937	3103	3229	3307	3333	3307	3229	3103	2937
11.25°	2918	3184	3419	3614	3763	3855	3886	3855	3763	3614	3419
10°	3343	3648	3922	4147	4316	4419	4455	4419	4316	4147	3922
8.75°	3770	4118	4423	4675	4863	4979	5017	4979	4863	4675	4423
7.5°	4185	4567	4905	5180	5386	5508	5549	5508	5386	5180	4905
6.25°	4567	4982	5348	5637	5849	5976	6020	5976	5849	5637	5348
5°	4905	5348	5725	6021	6235	6367	6414	6367	6235	6021	5725
3.75°	5180	5637	6021	6322	6540	6678	6720	6678	6540	6322	6021
2.5°	5386	5849	6235	6540	6764	6906	6950	6906	6764	6540	6235
1.25°	5508	5976	6367	6678	6906	7048	7101	7048	6906	6678	6367
0°	5549	6020	6414	6720	6950	7101	7185	7101	6950	6720	6414
-1.25°	5508	5976	6367	6678	6906	7048	7101	7048	6906	6678	6367
-2.5°	5386	5849	6235	6540	6764	6906	6950	6906	6764	6540	6235
-3.75°	5180	5637	6021	6322	6540	6678	6720	6678	6540	6322	6021
-5°	4905	5348	5725	6021	6235	6367	6414	6367	6235	6021	5725
-6.25°	4567	4982	5348	5637	5849	5976	6020	5976	5849	5637	5348
-7.5°	4185	4567	4905	5180	5386	5508	5549	5508	5386	5180	4905
-8.75°	3770	4118	4423	4675	4863	4979	5017	4979	4863	4675	4423
-10°	3343	3648	3922	4147	4316	4419	4455	4419	4316	4147	3922
-11.25°	2918	3184	3419	3614	3763	3855	3886	3855	3763	3614	3419
-12.5°	2511	2731	2937	3103	3229	3307	3333	3307	3229	3103	2937
-13.75°	2133	2318	2486	2623	2724	2792	2814	2792	2724	2623	2486
-15°	1805	1946	2077	2192	2276	2327	2345	2327	2276	2192	2077
-16.25°	1541	1647	1737	1824	1887	1925	1938	1925	1887	1824	1737
-17.5°	1333	1411	1477	1534	1582	1610	1620	1610	1582	1534	1477
-18.75°	1184	1236	1281	1318	1348	1369	1376	1369	1348	1318	1281
-20°	1054	1101	1136	1164	1184	1196	1200	1196	1184	1164	1136
-21.25°	898	952	992	1022	1044	1057	1061	1057	1044	1022	992



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-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°	722	775	819	852	876	890	895	890	876	852	819
-23.75°	541	591	632	665	688	702	707	702	688	665	632
-25°	369	413	450	479	500	513	517	513	500	479	450
-26.25°	224	253	284	309	326	337	341	337	326	309	284
-27.5°	136	148	161	178	189	197	199	197	189	178	161
-28.75°	102	106	110	113	118	122	123	122	118	113	110
-30°	85	88	91	93	94	95	96	95	94	93	91
-31.25°	70	73	76	77	79	80	80	80	79	77	76
-32.5°	55	58	60	62	63	64	64	64	63	62	60
-33.75°	40	42	45	47	48	49	49	49	48	47	45
-35°	30	31	32	32	33	33	33	33	33	32	32
-36.25°	24	25	26	27	27	27	28	27	27	27	26
-37.5°	21	21	21	22	22	22	22	22	22	22	21
-38.75°	19	19	19	19	20	20	20	20	20	19	19
-40°	17	17	17	18	18	18	18	18	18	18	17
-41.25°	16	16	16	17	17	17	17	17	17	17	16
-42.5°	15	15	15	15	16	16	16	16	16	15	15
-43.75°	14	14	14	14	15	15	15	15	15	14	14
-45°	13	13	13	13	13	13	14	13	13	13	13
-46.25°	12	12	12	12	12	12	12	12	12	12	12
-47.5°	11	11	11	11	11	11	11	11	11	11	11
-48.75°	11	11	11	11	11	11	11	11	11	11	11
-50°	10	10	10	10	10	10	10	10	10	10	10
-51.25°	9	9	9	9	9	9	9	9	9	9	9
-52.5°	8	8	8	8	8	8	8	8	8	8	8
-53.75°	8	8	8	8	8	8	8	8	8	8	8
-55°	7	7	7	7	7	7	7	7	7	7	7
-56.25°	7	7	7	7	7	7	7	7	7	7	7
-57.5°	6	6	6	6	6	6	6	6	6	6	6
-58.75°	6	6	6	6	6	6	6	6	6	6	6
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	5	5	5	5	5	5	5
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	4	4	4	4	4	4	4	4
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	3	3	3	3	3	3	3	3	3
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	1	1	2	2	2	2	2	2	2	2	2
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	0	1	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	3	3	2	2	2	2	2	2	2	2	2
65°	3	3	3	3	3	3	3	3	3	3	3
63.75°	4	4	4	3	3	3	3	3	3	3	3
62.5°	4	4	4	4	4	4	4	4	4	4	4
61.25°	5	5	5	5	4	4	4	4	4	4	4
60°	5	5	5	5	5	5	5	5	5	5	5
58.75°	6	6	6	5	5	5	5	5	5	5	5
57.5°	6	6	6	6	6	6	6	6	6	6	5
56.25°	7	7	7	6	6	6	6	6	6	6	6
55°	7	7	7	7	7	7	7	7	7	6	6
53.75°	8	8	8	8	7	7	7	7	7	7	7
52.5°	8	8	8	8	8	8	8	8	8	7	7
51.25°	9	9	9	9	9	8	8	8	8	8	8
50°	10	10	10	10	10	9	9	9	9	9	8
48.75°	11	11	11	11	11	10	10	10	10	10	9
47.5°	11	11	11	11	11	11	11	11	11	10	10
46.25°	12	12	12	12	12	11	11	11	11	11	11
45°	13	13	13	13	13	12	12	12	12	11	11
43.75°	14	14	14	14	14	13	13	13	13	12	12
42.5°	15	15	15	15	15	14	14	14	14	13	13
41.25°	16	16	16	16	16	15	15	15	15	14	14
40°	17	17	17	17	17	16	16	16	15	15	15
38.75°	19	19	18	18	18	17	17	17	16	16	16
37.5°	21	21	20	20	19	19	18	18	17	17	17
36.25°	25	24	23	22	21	21	20	20	19	18	18
35°	31	30	29	28	26	25	23	21	21	20	19



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-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°	42	40	37	33	32	30	28	26	24	22	21
32.5°	58	55	52	48	43	39	33	31	29	27	24
31.25°	73	70	66	62	58	53	47	42	35	31	29
30°	88	85	81	77	72	67	62	55	49	42	34
28.75°	106	102	97	92	87	81	75	69	62	55	47
27.5°	148	136	122	110	103	96	89	83	75	68	60
26.25°	253	224	192	157	137	117	105	96	89	81	72
25°	413	369	322	269	220	174	141	116	103	93	85
23.75°	591	541	485	422	355	287	222	167	133	109	97
22.5°	775	722	660	591	514	433	350	267	198	144	113
21.25°	952	898	836	763	681	592	498	400	306	220	152
20°	1101	1054	998	929	846	753	652	545	437	330	231
18.75°	1236	1184	1132	1071	998	908	806	693	575	455	337
17.5°	1411	1333	1265	1191	1123	1043	950	837	714	585	455
16.25°	1647	1541	1438	1331	1242	1157	1071	971	847	714	575
15°	1946	1805	1661	1516	1390	1275	1174	1081	971	837	693
13.75°	2318	2133	1937	1747	1576	1420	1285	1174	1071	950	806
12.5°	2731	2511	2271	2021	1799	1596	1420	1275	1157	1043	908
11.25°	3184	2918	2632	2342	2055	1799	1576	1390	1242	1123	998
10°	3648	3343	3014	2673	2342	2021	1747	1516	1331	1191	1071
8.75°	4118	3770	3397	3014	2632	2271	1937	1661	1438	1265	1132
7.5°	4567	4185	3770	3343	2918	2511	2133	1805	1541	1333	1184
6.25°	4982	4567	4118	3648	3184	2731	2318	1946	1647	1411	1236
5°	5348	4905	4423	3922	3419	2937	2486	2077	1737	1477	1281
3.75°	5637	5180	4675	4147	3614	3103	2623	2192	1824	1534	1318
2.5°	5849	5386	4863	4316	3763	3229	2724	2276	1887	1582	1348
1.25°	5976	5508	4979	4419	3855	3307	2792	2327	1925	1610	1369
0°	6020	5549	5017	4455	3886	3333	2814	2345	1938	1620	1376
-1.25°	5976	5508	4979	4419	3855	3307	2792	2327	1925	1610	1369
-2.5°	5849	5386	4863	4316	3763	3229	2724	2276	1887	1582	1348
-3.75°	5637	5180	4675	4147	3614	3103	2623	2192	1824	1534	1318
-5°	5348	4905	4423	3922	3419	2937	2486	2077	1737	1477	1281
-6.25°	4982	4567	4118	3648	3184	2731	2318	1946	1647	1411	1236
-7.5°	4567	4185	3770	3343	2918	2511	2133	1805	1541	1333	1184
-8.75°	4118	3770	3397	3014	2632	2271	1937	1661	1438	1265	1132
-10°	3648	3343	3014	2673	2342	2021	1747	1516	1331	1191	1071
-11.25°	3184	2918	2632	2342	2055	1799	1576	1390	1242	1123	998
-12.5°	2731	2511	2271	2021	1799	1596	1420	1275	1157	1043	908
-13.75°	2318	2133	1937	1747	1576	1420	1285	1174	1071	950	806
-15°	1946	1805	1661	1516	1390	1275	1174	1081	971	837	693
-16.25°	1647	1541	1438	1331	1242	1157	1071	971	847	714	575
-17.5°	1411	1333	1265	1191	1123	1043	950	837	714	585	455
-18.75°	1236	1184	1132	1071	998	908	806	693	575	455	337
-20°	1101	1054	998	929	846	753	652	545	437	330	231
-21.25°	952	898	836	763	681	592	498	400	306	220	152



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-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°	775	722	660	591	514	433	350	267	198	144	113
-23.75°	591	541	485	422	355	287	222	167	133	109	97
-25°	413	369	322	269	220	174	141	116	103	93	85
-26.25°	253	224	192	157	137	117	105	96	89	81	72
-27.5°	148	136	122	110	103	96	89	83	75	68	60
-28.75°	106	102	97	92	87	81	75	69	62	55	47
-30°	88	85	81	77	72	67	62	55	49	42	34
-31.25°	73	70	66	62	58	53	47	42	35	31	29
-32.5°	58	55	52	48	43	39	33	31	29	27	24
-33.75°	42	40	37	33	32	30	28	26	24	22	21
-35°	31	30	29	28	26	25	23	21	21	20	19
-36.25°	25	24	23	22	21	21	20	20	19	18	18
-37.5°	21	21	20	20	19	19	18	18	17	17	17
-38.75°	19	19	18	18	18	17	17	17	16	16	16
-40°	17	17	17	17	17	16	16	16	15	15	15
-41.25°	16	16	16	16	16	15	15	15	15	14	14
-42.5°	15	15	15	15	15	14	14	14	14	13	13
-43.75°	14	14	14	14	14	13	13	13	13	12	12
-45°	13	13	13	13	13	12	12	12	12	11	11
-46.25°	12	12	12	12	12	11	11	11	11	11	11
-47.5°	11	11	11	11	11	11	11	11	11	10	10
-48.75°	11	11	11	11	11	10	10	10	10	10	9
-50°	10	10	10	10	10	9	9	9	9	9	8
-51.25°	9	9	9	9	9	8	8	8	8	8	8
-52.5°	8	8	8	8	8	8	8	8	8	7	7
-53.75°	8	8	8	8	7	7	7	7	7	7	7
-55°	7	7	7	7	7	7	7	7	7	6	6
-56.25°	7	7	7	6	6	6	6	6	6	6	6
-57.5°	6	6	6	6	6	6	6	6	6	6	5
-58.75°	6	6	6	5	5	5	5	5	5	5	5
-60°	5	5	5	5	5	5	5	5	5	5	5
-61.25°	5	5	5	5	4	4	4	4	4	4	4
-62.5°	4	4	4	4	4	4	4	4	4	4	4
-63.75°	4	4	4	3	3	3	3	3	3	3	3
-65°	3	3	3	3	3	3	3	3	3	3	3
-66.25°	3	3	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	0	0	0	0	0	0	0	0	0
71.25°	1	1	1	1	1	1	1	1	0	0	0
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	2	2	2	2	2	2	1	1	1	1	1
65°	2	2	2	2	2	2	2	2	2	2	1
63.75°	3	3	3	3	3	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	2	2
61.25°	4	4	4	4	3	3	3	3	3	3	3
60°	4	4	4	4	4	4	4	4	3	3	3
58.75°	5	5	5	5	4	4	4	4	4	4	4
57.5°	5	5	5	5	5	5	5	4	4	4	4
56.25°	6	6	6	5	5	5	5	5	5	5	4
55°	6	6	6	6	6	6	5	5	5	5	5
53.75°	7	7	6	6	6	6	6	6	6	5	5
52.5°	7	7	7	7	7	6	6	6	6	6	6
51.25°	8	8	7	7	7	7	7	7	6	6	6
50°	8	8	8	8	8	7	7	7	7	7	6
48.75°	9	9	8	8	8	8	8	7	7	7	7
47.5°	10	10	9	9	9	8	8	8	8	7	7
46.25°	11	10	10	10	9	9	9	8	8	8	8
45°	11	11	11	11	10	10	9	9	9	8	8
43.75°	12	11	11	11	11	11	10	10	9	9	8
42.5°	13	12	12	11	11	11	11	11	10	10	9
41.25°	13	13	13	12	12	11	11	11	11	10	10
40°	14	14	14	13	13	12	12	11	11	11	10
38.75°	15	15	14	14	13	13	12	12	11	11	11
37.5°	16	16	15	15	14	14	13	13	12	12	11
36.25°	17	17	16	16	15	15	14	13	13	12	12
35°	18	18	17	16	16	15	15	14	14	13	12



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-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°	20	19	18	17	17	16	16	15	14	14	13
32.5°	22	21	20	19	18	17	16	16	15	14	14
31.25°	26	23	21	20	19	18	17	16	16	15	14
30°	31	28	25	22	21	19	18	17	17	16	15
28.75°	39	32	29	26	22	21	19	18	17	16	16
27.5°	51	43	34	30	26	23	21	19	18	17	16
26.25°	64	55	45	35	30	27	23	21	19	18	17
25°	76	66	56	46	36	30	26	22	21	19	18
23.75°	87	77	67	57	46	35	30	26	22	20	19
22.5°	100	89	78	67	56	45	34	29	25	21	20
21.25°	118	101	89	77	66	55	43	32	28	23	21
20°	155	118	100	87	76	64	51	39	31	26	22
18.75°	231	152	113	97	85	72	60	47	34	29	24
17.5°	330	220	144	109	93	81	68	55	42	31	27
16.25°	437	306	198	133	103	89	75	62	49	35	29
15°	545	400	267	167	116	96	83	69	55	42	31
13.75°	652	498	350	222	141	105	89	75	62	47	33
12.5°	753	592	433	287	174	117	96	81	67	53	39
11.25°	846	681	514	355	220	137	103	87	72	58	43
10°	929	763	591	422	269	157	110	92	77	62	48
8.75°	998	836	660	485	322	192	122	97	81	66	52
7.5°	1054	898	722	541	369	224	136	102	85	70	55
6.25°	1101	952	775	591	413	253	148	106	88	73	58
5°	1136	992	819	632	450	284	161	110	91	76	60
3.75°	1164	1022	852	665	479	309	178	113	93	77	62
2.5°	1184	1044	876	688	500	326	189	118	94	79	63
1.25°	1196	1057	890	702	513	337	197	122	95	80	64
0°	1200	1061	895	707	517	341	199	123	96	80	64
-1.25°	1196	1057	890	702	513	337	197	122	95	80	64
-2.5°	1184	1044	876	688	500	326	189	118	94	79	63
-3.75°	1164	1022	852	665	479	309	178	113	93	77	62
-5°	1136	992	819	632	450	284	161	110	91	76	60
-6.25°	1101	952	775	591	413	253	148	106	88	73	58
-7.5°	1054	898	722	541	369	224	136	102	85	70	55
-8.75°	998	836	660	485	322	192	122	97	81	66	52
-10°	929	763	591	422	269	157	110	92	77	62	48
-11.25°	846	681	514	355	220	137	103	87	72	58	43
-12.5°	753	592	433	287	174	117	96	81	67	53	39
-13.75°	652	498	350	222	141	105	89	75	62	47	33
-15°	545	400	267	167	116	96	83	69	55	42	31
-16.25°	437	306	198	133	103	89	75	62	49	35	29
-17.5°	330	220	144	109	93	81	68	55	42	31	27
-18.75°	231	152	113	97	85	72	60	47	34	29	24
-20°	155	118	100	87	76	64	51	39	31	26	22
-21.25°	118	101	89	77	66	55	43	32	28	23	21



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-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°	100	89	78	67	56	45	34	29	25	21	20
-23.75°	87	77	67	57	46	35	30	26	22	20	19
-25°	76	66	56	46	36	30	26	22	21	19	18
-26.25°	64	55	45	35	30	27	23	21	19	18	17
-27.5°	51	43	34	30	26	23	21	19	18	17	16
-28.75°	39	32	29	26	22	21	19	18	17	16	16
-30°	31	28	25	22	21	19	18	17	17	16	15
-31.25°	26	23	21	20	19	18	17	16	16	15	14
-32.5°	22	21	20	19	18	17	16	16	15	14	14
-33.75°	20	19	18	17	17	16	16	15	14	14	13
-35°	18	18	17	16	16	15	15	14	14	13	12
-36.25°	17	17	16	16	15	15	14	13	13	12	12
-37.5°	16	16	15	15	14	14	13	13	12	12	11
-38.75°	15	15	14	14	13	13	12	12	11	11	11
-40°	14	14	14	13	13	12	12	11	11	11	10
-41.25°	13	13	13	12	12	11	11	11	11	10	10
-42.5°	13	12	12	11	11	11	11	11	10	10	9
-43.75°	12	11	11	11	11	11	10	10	9	9	8
-45°	11	11	11	11	10	10	9	9	9	8	8
-46.25°	11	10	10	10	9	9	9	8	8	8	8
-47.5°	10	10	9	9	9	8	8	8	8	7	7
-48.75°	9	9	8	8	8	8	8	7	7	7	7
-50°	8	8	8	8	8	7	7	7	7	7	6
-51.25°	8	8	7	7	7	7	7	7	6	6	6
-52.5°	7	7	7	7	7	6	6	6	6	6	6
-53.75°	7	7	6	6	6	6	6	6	6	5	5
-55°	6	6	6	6	6	6	5	5	5	5	5
-56.25°	6	6	6	5	5	5	5	5	5	5	4
-57.5°	5	5	5	5	5	5	5	4	4	4	4
-58.75°	5	5	5	5	4	4	4	4	4	4	4
-60°	4	4	4	4	4	4	4	4	3	3	3
-61.25°	4	4	4	4	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	2	2
-63.75°	3	3	3	3	3	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	1
-66.25°	2	2	2	2	2	2	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	0	0	0
-72.5°	1	1	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-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°	12	12	11	11	11	10	9	9	8	8	7
32.5°	13	12	12	11	11	10	10	9	8	8	8
31.25°	14	13	12	12	11	11	10	10	9	8	8
30°	14	14	13	12	11	11	11	10	9	9	8
28.75°	15	14	13	13	12	11	11	11	10	9	8
27.5°	16	15	14	13	12	12	11	11	10	9	9
26.25°	16	15	15	14	13	12	11	11	11	10	9
25°	17	16	15	14	13	13	12	11	11	10	9
23.75°	17	16	16	15	14	13	12	11	11	11	10
22.5°	18	17	16	15	14	14	13	12	11	11	10
21.25°	19	18	17	16	15	14	13	12	11	11	10
20°	20	18	17	16	15	14	13	13	12	11	11
18.75°	21	19	18	17	16	15	14	13	12	11	11
17.5°	22	20	18	17	16	15	14	13	12	11	11
16.25°	24	21	19	17	16	15	15	14	13	12	11
15°	26	21	20	18	17	16	15	14	13	12	11
13.75°	28	23	20	18	17	16	15	14	13	12	11
12.5°	30	25	21	19	17	16	15	14	13	12	11
11.25°	32	26	21	19	18	17	16	15	14	13	12
10°	33	28	22	20	18	17	16	15	14	13	12
8.75°	37	29	23	20	18	17	16	15	14	13	12
7.5°	40	30	24	21	19	17	16	15	14	13	12
6.25°	42	31	25	21	19	17	16	15	14	13	12
5°	45	32	26	21	19	17	16	15	14	13	12
3.75°	47	32	27	22	19	18	17	15	14	13	12
2.5°	48	33	27	22	20	18	17	16	15	13	12
1.25°	49	33	27	22	20	18	17	16	15	13	12
0°	49	33	28	22	20	18	17	16	15	14	12
-1.25°	49	33	27	22	20	18	17	16	15	13	12
-2.5°	48	33	27	22	20	18	17	16	15	13	12
-3.75°	47	32	27	22	19	18	17	15	14	13	12
-5°	45	32	26	21	19	17	16	15	14	13	12
-6.25°	42	31	25	21	19	17	16	15	14	13	12
-7.5°	40	30	24	21	19	17	16	15	14	13	12
-8.75°	37	29	23	20	18	17	16	15	14	13	12
-10°	33	28	22	20	18	17	16	15	14	13	12
-11.25°	32	26	21	19	18	17	16	15	14	13	12
-12.5°	30	25	21	19	17	16	15	14	13	12	11
-13.75°	28	23	20	18	17	16	15	14	13	12	11
-15°	26	21	20	18	17	16	15	14	13	12	11
-16.25°	24	21	19	17	16	15	15	14	13	12	11
-17.5°	22	20	18	17	16	15	14	13	12	11	11
-18.75°	21	19	18	17	16	15	14	13	12	11	11
-20°	20	18	17	16	15	14	13	13	12	11	11
-21.25°	19	18	17	16	15	14	13	12	11	11	10



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-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°	18	17	16	15	14	14	13	12	11	11	10
-23.75°	17	16	16	15	14	13	12	11	11	11	10
-25°	17	16	15	14	13	13	12	11	11	10	9
-26.25°	16	15	15	14	13	12	11	11	11	10	9
-27.5°	16	15	14	13	12	12	11	11	10	9	9
-28.75°	15	14	13	13	12	11	11	11	10	9	8
-30°	14	14	13	12	11	11	11	10	9	9	8
-31.25°	14	13	12	12	11	11	10	10	9	8	8
-32.5°	13	12	12	11	11	10	10	9	8	8	8
-33.75°	12	12	11	11	11	10	9	9	8	8	7
-35°	12	11	11	11	10	9	9	8	8	7	7
-36.25°	11	11	11	10	10	9	8	8	8	7	7
-37.5°	11	11	10	10	9	8	8	8	7	7	7
-38.75°	11	10	10	9	8	8	8	7	7	7	6
-40°	10	9	9	8	8	8	7	7	7	6	6
-41.25°	9	9	8	8	8	7	7	7	6	6	6
-42.5°	9	8	8	8	7	7	7	6	6	6	5
-43.75°	8	8	8	7	7	7	6	6	6	5	5
-45°	8	7	7	7	7	6	6	6	5	5	5
-46.25°	7	7	7	7	6	6	6	5	5	5	5
-47.5°	7	7	6	6	6	6	5	5	5	5	4
-48.75°	7	6	6	6	6	5	5	5	5	4	4
-50°	6	6	6	5	5	5	5	5	4	4	4
-51.25°	6	6	5	5	5	5	4	4	4	4	3
-52.5°	5	5	5	5	5	4	4	4	4	3	3
-53.75°	5	5	5	4	4	4	4	3	3	3	3
-55°	5	4	4	4	4	4	3	3	3	3	2
-56.25°	4	4	4	4	3	3	3	3	3	2	2
-57.5°	4	4	3	3	3	3	3	2	2	2	2
-58.75°	3	3	3	3	3	2	2	2	2	2	1
-60°	3	3	3	2	2	2	2	2	2	1	1
-61.25°	3	2	2	2	2	2	2	1	1	1	1
-62.5°	2	2	2	2	1	1	1	1	1	1	1
-63.75°	2	2	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	0
-67.5°	1	1	1	1	1	1	1	1	0	0	0
-68.75°	1	1	1	1	1	0	0	0	0	0	0
-70°	1	1	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-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°	9	8	8	7	7	6	6	6	5	5	4
-23.75°	9	8	8	7	7	6	6	5	5	5	4
-25°	9	8	8	7	7	6	6	5	5	4	4
-26.25°	8	8	7	7	6	6	6	5	5	4	4
-27.5°	8	8	7	7	6	6	5	5	5	4	4
-28.75°	8	7	7	7	6	6	5	5	4	4	4
-30°	8	7	7	6	6	6	5	5	4	4	3
-31.25°	7	7	7	6	6	5	5	5	4	4	3
-32.5°	7	7	6	6	6	5	5	4	4	4	3
-33.75°	7	7	6	6	5	5	5	4	4	3	3
-35°	7	6	6	6	5	5	4	4	4	3	3
-36.25°	6	6	6	5	5	5	4	4	3	3	3
-37.5°	6	6	5	5	5	4	4	4	3	3	2
-38.75°	6	6	5	5	5	4	4	3	3	3	2
-40°	6	5	5	5	4	4	4	3	3	2	2
-41.25°	5	5	5	4	4	4	3	3	3	2	2
-42.5°	5	5	5	4	4	3	3	3	2	2	2
-43.75°	5	5	4	4	4	3	3	3	2	2	2
-45°	5	4	4	4	3	3	3	2	2	2	1
-46.25°	4	4	4	3	3	3	2	2	2	1	1
-47.5°	4	4	3	3	3	3	2	2	2	1	1
-48.75°	4	3	3	3	3	2	2	2	1	1	1
-50°	3	3	3	3	2	2	2	1	1	1	1
-51.25°	3	3	3	2	2	2	1	1	1	1	1
-52.5°	3	3	2	2	2	1	1	1	1	1	1
-53.75°	3	2	2	2	1	1	1	1	1	1	1
-55°	2	2	2	1	1	1	1	1	1	1	1
-56.25°	2	2	1	1	1	1	1	1	1	1	0
-57.5°	2	1	1	1	1	1	1	1	1	0	0
-58.75°	1	1	1	1	1	1	1	1	0	0	0
-60°	1	1	1	1	1	1	1	0	0	0	0
-61.25°	1	1	1	1	1	1	0	0	0	0	0
-62.5°	1	1	1	1	1	0	0	0	0	0	0
-63.75°	1	1	1	0	0	0	0	0	0	0	0
-65°	1	0	0	0	0	0	0	0	0	0	0
-66.25°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0	0	0	0	0
-68.75°	0	0	0	0	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0	0	0	0	0
-71.25°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-73.75°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-76.25°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-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: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-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: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-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: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-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: P220530 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-M-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)