

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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L1-UNV**

Issue Date: 3/3/2020

Test Information

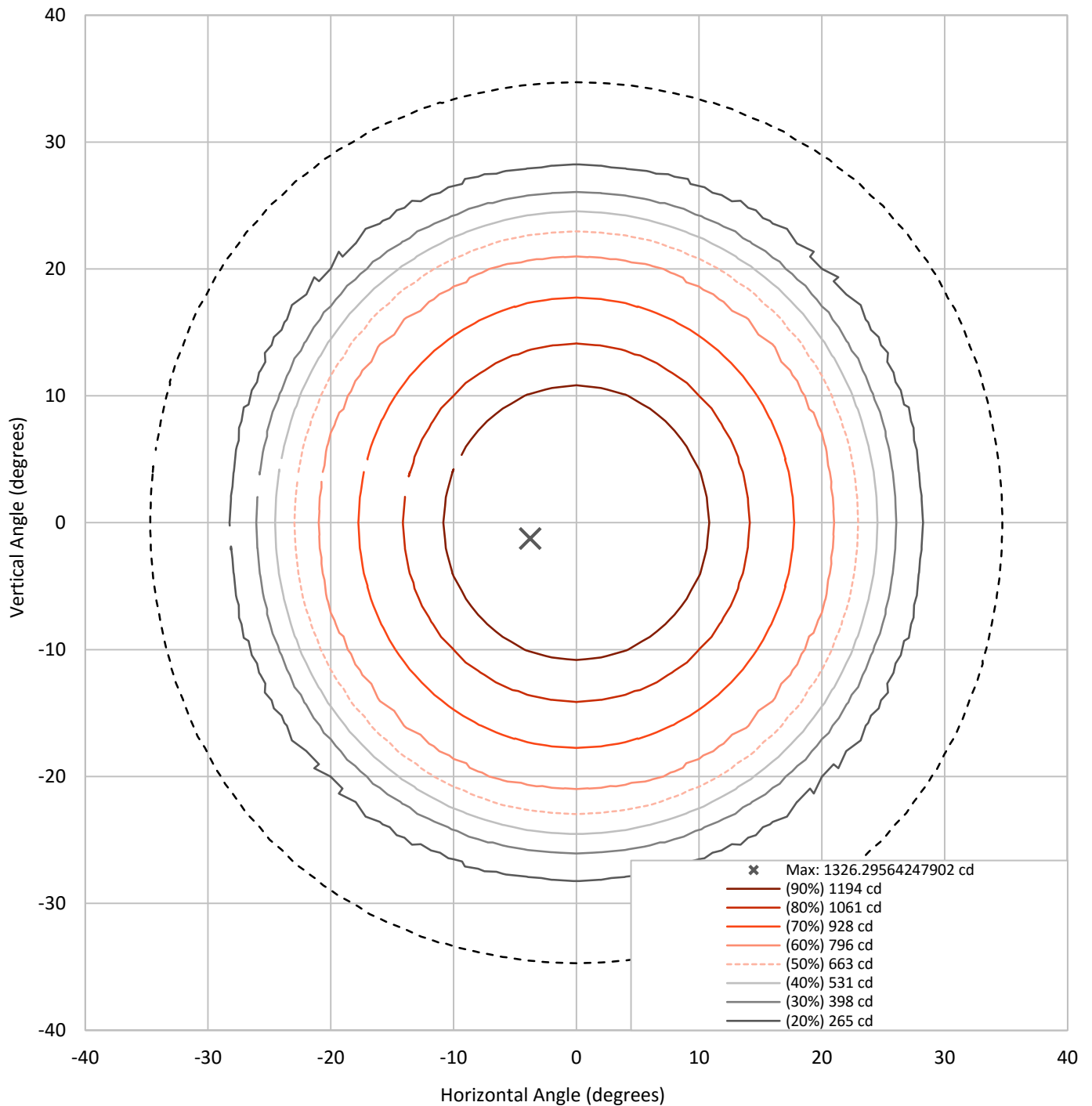
Test Method: LM-79-08
Report Number: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29475)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L1-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, WIDE
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 4000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	741.5 lumens	Max Intensity:	1326.3 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	75.7 lumens/watt		
Luminous Opening:	Circular (Dia: 0.25' x H: 0')		
Beam Angle (50%):	46°H x 45.5°V	Field Angle (10%):	69.2°H x 69°V
Beam Lumens:	501.3 lumens	Field Lumens:	679.5 lumens
Beam Efficiency:	67.6%	Field Efficiency:	91.6%
Input Watts (W):	9.8		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L1-UNV

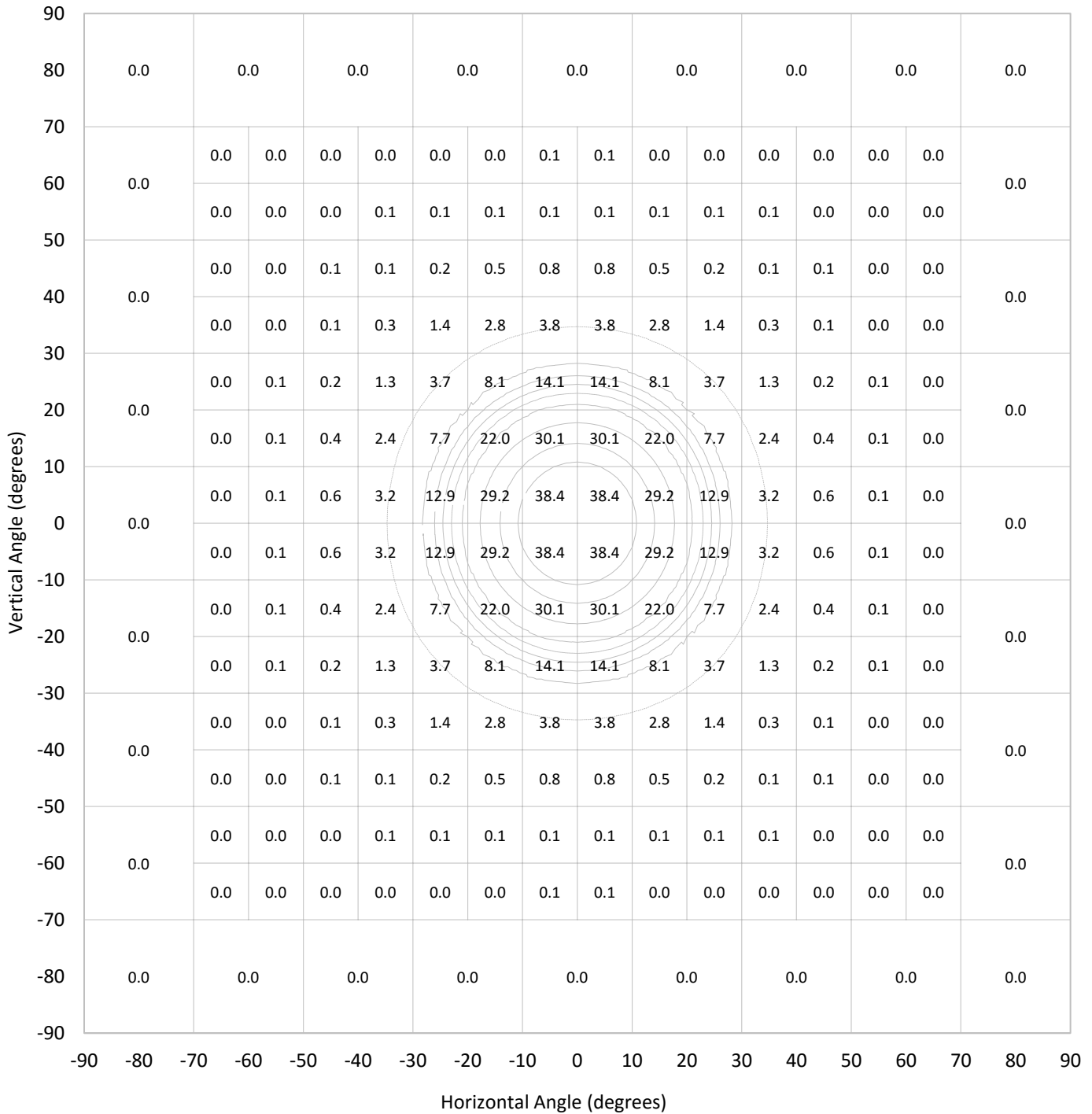
Iso-Candela Plot





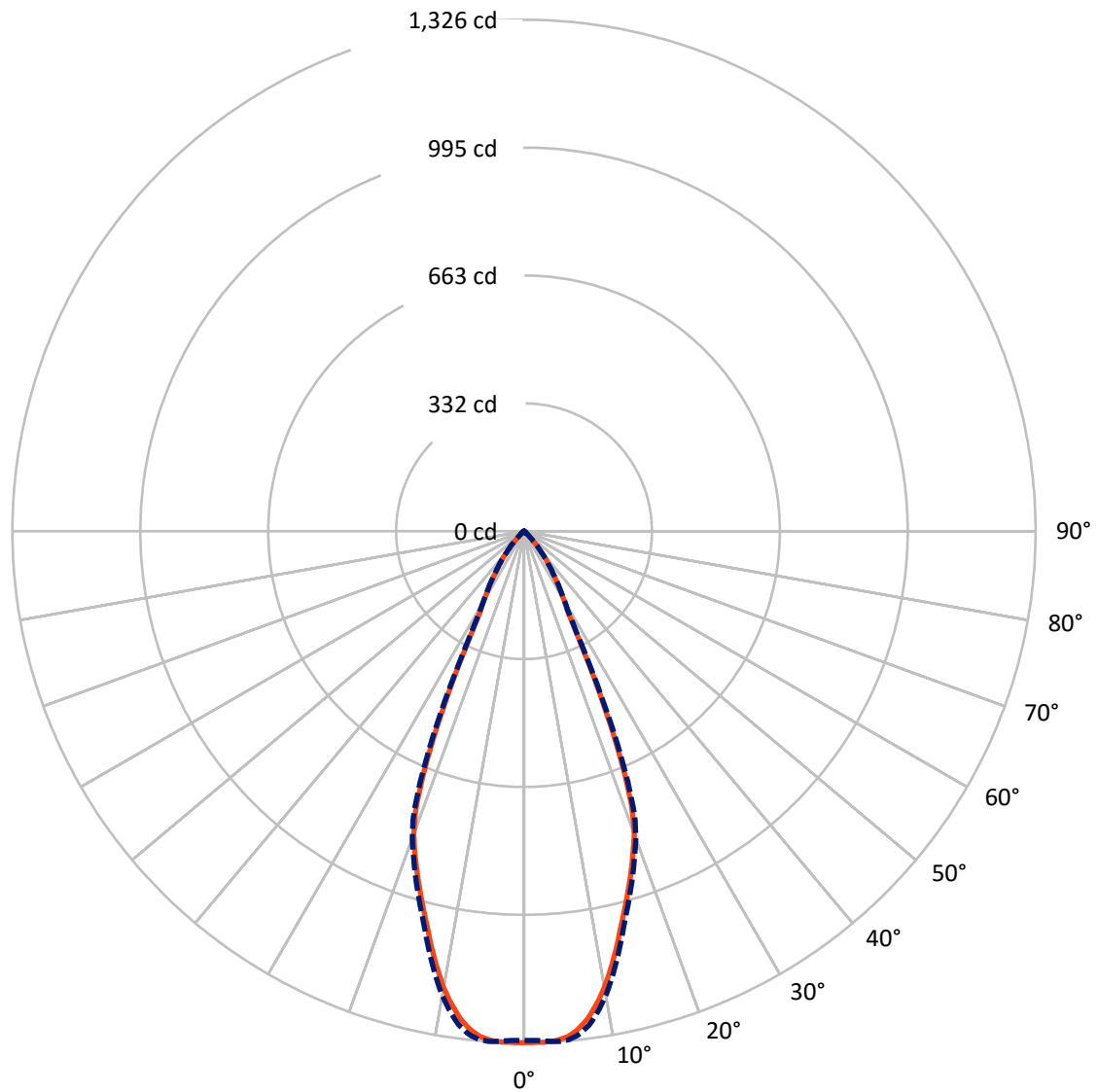
REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L1-UNV

Lumen Table



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L1-UNV

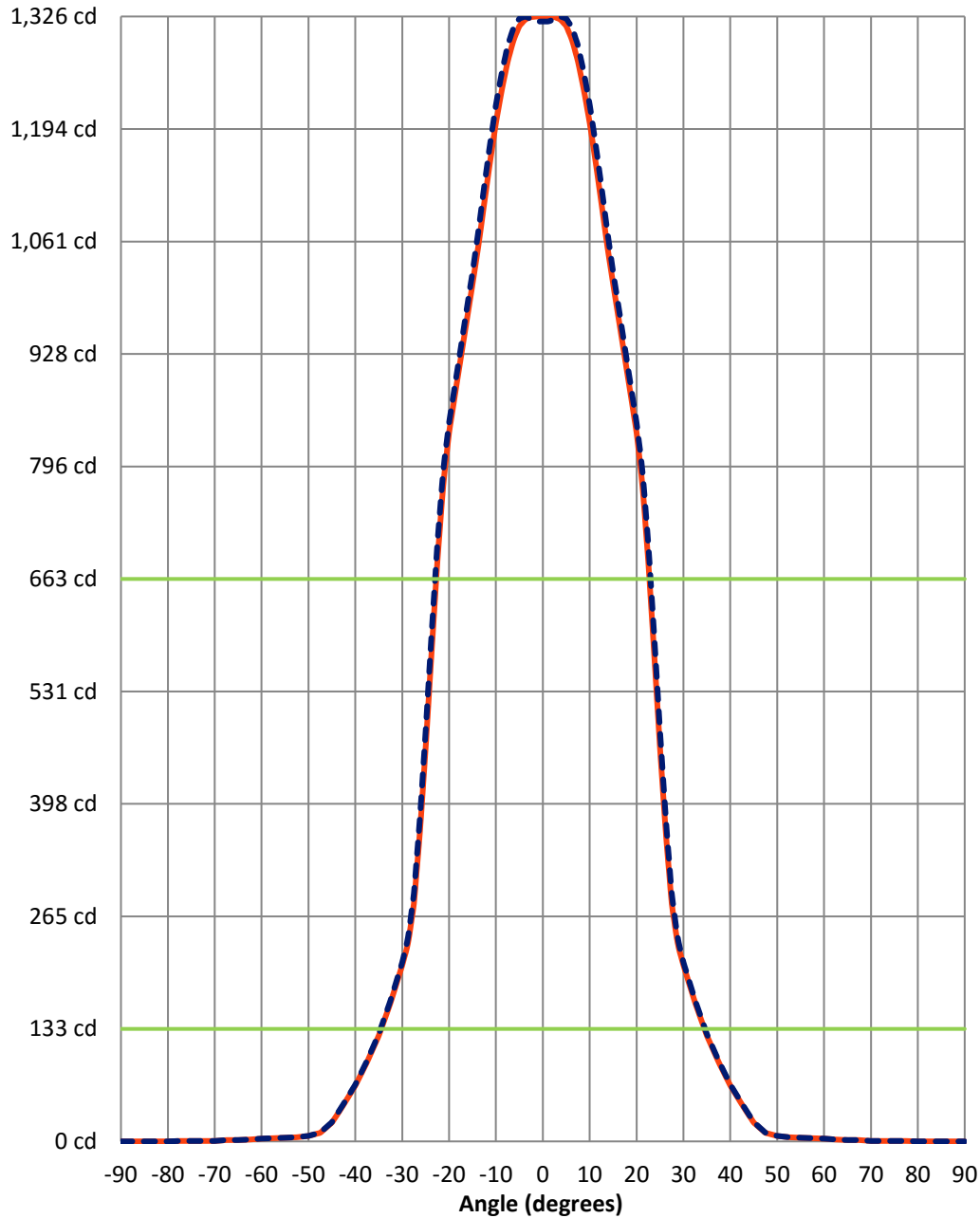
Luminous Intensity Polar Plot



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

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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-W-BK-L1-UNV

Luminous Intensity Plot



Beam:
 H Angle: 46°
 V Angle: 45.5°
 Lumens: 501.3
 Efficiency: 67.6%

Field:
 H Angle: 69.2°
 V Angle: 69°
 Lumens: 679.5
 Efficiency: 91.6%

Spill:
 Lumens: 62
 Efficiency: 8.4%

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



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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	1
-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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	1
58.75°	0	0	0	0	0	0	0	0	0	1	1
57.5°	0	0	0	0	0	0	0	0	0	1	1
56.25°	0	0	0	0	0	0	0	0	1	1	1
55°	0	0	0	0	0	0	0	1	1	1	1
53.75°	0	0	0	0	0	0	0	1	1	1	1
52.5°	0	0	0	0	0	0	1	1	1	1	1
51.25°	0	0	0	0	0	0	1	1	1	1	1
50°	0	0	0	0	0	1	1	1	1	1	1
48.75°	0	0	0	0	0	1	1	1	1	1	1
47.5°	0	0	0	0	1	1	1	1	1	1	1
46.25°	0	0	0	0	1	1	1	1	1	1	1
45°	0	0	0	0	1	1	1	1	1	1	1
43.75°	0	0	0	1	1	1	1	1	1	1	1
42.5°	0	0	0	1	1	1	1	1	1	1	1
41.25°	0	0	0	1	1	1	1	1	1	1	1
40°	0	0	0	1	1	1	1	1	1	1	1
38.75°	0	0	1	1	1	1	1	1	1	1	1
37.5°	0	0	1	1	1	1	1	1	1	1	1
36.25°	0	0	1	1	1	1	1	1	1	1	1
35°	0	0	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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	1	1	1	1	1	1	1	1	1
32.5°	0	1	1	1	1	1	1	1	1	1	1
31.25°	0	1	1	1	1	1	1	1	1	1	1
30°	0	1	1	1	1	1	1	1	1	1	2
28.75°	0	1	1	1	1	1	1	1	1	1	2
27.5°	0	1	1	1	1	1	1	1	1	1	2
26.25°	0	1	1	1	1	1	1	1	1	2	2
25°	0	1	1	1	1	1	1	1	1	2	2
23.75°	1	1	1	1	1	1	1	1	1	2	2
22.5°	1	1	1	1	1	1	1	1	1	2	2
21.25°	1	1	1	1	1	1	1	1	1	2	2
20°	1	1	1	1	1	1	1	1	1	2	2
18.75°	1	1	1	1	1	1	1	1	2	2	2
17.5°	1	1	1	1	1	1	1	1	2	2	2
16.25°	1	1	1	1	1	1	1	1	2	2	2
15°	1	1	1	1	1	1	1	1	2	2	2
13.75°	1	1	1	1	1	1	1	1	2	2	2
12.5°	1	1	1	1	1	1	1	1	2	2	2
11.25°	1	1	1	1	1	1	1	1	2	2	2
10°	1	1	1	1	1	1	1	1	2	2	2
8.75°	1	1	1	1	1	1	1	1	2	2	2
7.5°	1	1	1	1	1	1	1	2	2	2	2
6.25°	1	1	1	1	1	1	1	2	2	2	2
5°	1	1	1	1	1	1	1	2	2	2	2
3.75°	1	1	1	1	1	1	1	2	2	2	2
2.5°	1	1	1	1	1	1	1	2	2	2	2
1.25°	1	1	1	1	1	1	1	2	2	2	2
0°	1	1	1	1	1	1	1	2	2	2	2
-1.25°	1	1	1	1	1	1	1	2	2	2	2
-2.5°	1	1	1	1	1	1	1	2	2	2	2
-3.75°	1	1	1	1	1	1	1	2	2	2	2
-5°	1	1	1	1	1	1	1	2	2	2	2
-6.25°	1	1	1	1	1	1	1	2	2	2	2
-7.5°	1	1	1	1	1	1	1	2	2	2	2
-8.75°	1	1	1	1	1	1	1	1	2	2	2
-10°	1	1	1	1	1	1	1	1	2	2	2
-11.25°	1	1	1	1	1	1	1	1	2	2	2
-12.5°	1	1	1	1	1	1	1	1	2	2	2
-13.75°	1	1	1	1	1	1	1	1	2	2	2
-15°	1	1	1	1	1	1	1	1	2	2	2
-16.25°	1	1	1	1	1	1	1	1	2	2	2
-17.5°	1	1	1	1	1	1	1	1	2	2	2
-18.75°	1	1	1	1	1	1	1	1	2	2	2
-20°	1	1	1	1	1	1	1	1	1	2	2
-21.25°	1	1	1	1	1	1	1	1	1	2	2



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	1	1	1	1	1	1	1	1	1	2	2
-23.75°	1	1	1	1	1	1	1	1	1	2	2
-25°	0	1	1	1	1	1	1	1	1	2	2
-26.25°	0	1	1	1	1	1	1	1	1	2	2
-27.5°	0	1	1	1	1	1	1	1	1	1	2
-28.75°	0	1	1	1	1	1	1	1	1	1	2
-30°	0	1	1	1	1	1	1	1	1	1	2
-31.25°	0	1	1	1	1	1	1	1	1	1	1
-32.5°	0	1	1	1	1	1	1	1	1	1	1
-33.75°	0	0	1	1	1	1	1	1	1	1	1
-35°	0	0	1	1	1	1	1	1	1	1	1
-36.25°	0	0	1	1	1	1	1	1	1	1	1
-37.5°	0	0	1	1	1	1	1	1	1	1	1
-38.75°	0	0	1	1	1	1	1	1	1	1	1
-40°	0	0	0	1	1	1	1	1	1	1	1
-41.25°	0	0	0	1	1	1	1	1	1	1	1
-42.5°	0	0	0	1	1	1	1	1	1	1	1
-43.75°	0	0	0	1	1	1	1	1	1	1	1
-45°	0	0	0	0	1	1	1	1	1	1	1
-46.25°	0	0	0	0	1	1	1	1	1	1	1
-47.5°	0	0	0	0	1	1	1	1	1	1	1
-48.75°	0	0	0	0	0	1	1	1	1	1	1
-50°	0	0	0	0	0	1	1	1	1	1	1
-51.25°	0	0	0	0	0	0	1	1	1	1	1
-52.5°	0	0	0	0	0	0	1	1	1	1	1
-53.75°	0	0	0	0	0	0	0	1	1	1	1
-55°	0	0	0	0	0	0	0	1	1	1	1
-56.25°	0	0	0	0	0	0	0	0	1	1	1
-57.5°	0	0	0	0	0	0	0	0	0	1	1
-58.75°	0	0	0	0	0	0	0	0	0	1	1
-60°	0	0	0	0	0	0	0	0	0	0	1
-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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	1
68.75°	0	0	0	0	0	0	0	0	1	1	1
67.5°	0	0	0	0	0	0	1	1	1	1	1
66.25°	0	0	0	0	0	1	1	1	1	1	1
65°	0	0	0	1	1	1	1	1	1	1	1
63.75°	0	0	1	1	1	1	1	1	1	1	1
62.5°	0	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
53.75°	1	1	1	1	1	1	1	1	1	1	2
52.5°	1	1	1	1	1	1	1	1	1	2	2
51.25°	1	1	1	1	1	1	1	1	2	2	2
50°	1	1	1	1	1	1	1	2	2	2	2
48.75°	1	1	1	1	1	1	1	2	2	2	2
47.5°	1	1	1	1	1	1	2	2	2	2	2
46.25°	1	1	1	1	1	2	2	2	2	2	2
45°	1	1	1	1	2	2	2	2	2	2	2
43.75°	1	1	1	1	2	2	2	2	2	2	2
42.5°	1	1	1	2	2	2	2	2	2	2	3
41.25°	1	1	1	2	2	2	2	2	2	2	3
40°	1	1	2	2	2	2	2	2	2	3	3
38.75°	1	1	2	2	2	2	2	2	3	3	3
37.5°	1	2	2	2	2	2	2	2	3	3	3
36.25°	1	2	2	2	2	2	2	3	3	3	4
35°	1	2	2	2	2	2	2	3	3	3	4



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	2	2	2	2	2	2	3	3	3	4	4
32.5°	2	2	2	2	2	2	3	3	3	4	4
31.25°	2	2	2	2	2	3	3	3	4	4	4
30°	2	2	2	2	2	3	3	3	4	4	4
28.75°	2	2	2	2	2	3	3	4	4	4	4
27.5°	2	2	2	2	3	3	3	4	4	4	4
26.25°	2	2	2	2	3	3	3	4	4	4	4
25°	2	2	2	2	3	3	4	4	4	4	4
23.75°	2	2	2	3	3	3	4	4	4	4	5
22.5°	2	2	2	3	3	3	4	4	4	4	5
21.25°	2	2	2	3	3	4	4	4	4	4	5
20°	2	2	2	3	3	4	4	4	4	5	5
18.75°	2	2	3	3	3	4	4	4	4	5	5
17.5°	2	2	3	3	3	4	4	4	4	5	5
16.25°	2	2	3	3	4	4	4	4	4	5	5
15°	2	2	3	3	4	4	4	4	5	5	5
13.75°	2	2	3	3	4	4	4	4	5	5	6
12.5°	2	2	3	3	4	4	4	4	5	5	6
11.25°	2	2	3	3	4	4	4	4	5	5	6
10°	2	3	3	3	4	4	4	4	5	5	6
8.75°	2	3	3	3	4	4	4	4	5	5	6
7.5°	2	3	3	3	4	4	4	5	5	5	6
6.25°	2	3	3	4	4	4	4	5	5	6	6
5°	2	3	3	4	4	4	4	5	5	6	6
3.75°	2	3	3	4	4	4	4	5	5	6	6
2.5°	2	3	3	4	4	4	4	5	5	6	6
1.25°	2	3	3	4	4	4	4	5	5	6	6
0°	2	3	3	4	4	4	4	5	5	6	7
-1.25°	2	3	3	4	4	4	4	5	5	6	6
-2.5°	2	3	3	4	4	4	4	5	5	6	6
-3.75°	2	3	3	4	4	4	4	5	5	6	6
-5°	2	3	3	4	4	4	4	5	5	6	6
-6.25°	2	3	3	4	4	4	4	5	5	6	6
-7.5°	2	3	3	3	4	4	4	5	5	5	6
-8.75°	2	3	3	3	4	4	4	4	5	5	6
-10°	2	3	3	3	4	4	4	4	5	5	6
-11.25°	2	2	3	3	4	4	4	4	5	5	6
-12.5°	2	2	3	3	4	4	4	4	5	5	6
-13.75°	2	2	3	3	4	4	4	4	5	5	6
-15°	2	2	3	3	4	4	4	4	5	5	5
-16.25°	2	2	3	3	4	4	4	4	4	5	5
-17.5°	2	2	3	3	3	4	4	4	4	5	5
-18.75°	2	2	3	3	3	4	4	4	4	5	5
-20°	2	2	2	3	3	4	4	4	4	5	5
-21.25°	2	2	2	3	3	4	4	4	4	4	5



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	2	2	2	3	3	3	4	4	4	4	5
-23.75°	2	2	2	3	3	3	4	4	4	4	5
-25°	2	2	2	2	3	3	4	4	4	4	4
-26.25°	2	2	2	2	3	3	3	4	4	4	4
-27.5°	2	2	2	2	3	3	3	4	4	4	4
-28.75°	2	2	2	2	2	3	3	4	4	4	4
-30°	2	2	2	2	2	3	3	3	4	4	4
-31.25°	2	2	2	2	2	3	3	3	4	4	4
-32.5°	2	2	2	2	2	2	3	3	3	4	4
-33.75°	2	2	2	2	2	2	3	3	3	4	4
-35°	1	2	2	2	2	2	2	3	3	3	4
-36.25°	1	2	2	2	2	2	2	3	3	3	4
-37.5°	1	2	2	2	2	2	2	2	3	3	3
-38.75°	1	1	2	2	2	2	2	2	3	3	3
-40°	1	1	2	2	2	2	2	2	2	3	3
-41.25°	1	1	1	2	2	2	2	2	2	2	3
-42.5°	1	1	1	2	2	2	2	2	2	2	3
-43.75°	1	1	1	1	2	2	2	2	2	2	2
-45°	1	1	1	1	2	2	2	2	2	2	2
-46.25°	1	1	1	1	1	2	2	2	2	2	2
-47.5°	1	1	1	1	1	1	2	2	2	2	2
-48.75°	1	1	1	1	1	1	1	2	2	2	2
-50°	1	1	1	1	1	1	1	2	2	2	2
-51.25°	1	1	1	1	1	1	1	1	2	2	2
-52.5°	1	1	1	1	1	1	1	1	1	2	2
-53.75°	1	1	1	1	1	1	1	1	1	1	2
-55°	1	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	0	1	1	1	1	1	1	1	1	1	1
-63.75°	0	0	1	1	1	1	1	1	1	1	1
-65°	0	0	0	1	1	1	1	1	1	1	1
-66.25°	0	0	0	0	0	1	1	1	1	1	1
-67.5°	0	0	0	0	0	0	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	1
-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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	1	1	1
72.5°	0	0	0	0	1	1	1	1	1	1	1
71.25°	0	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	2	2
60°	1	1	1	1	1	1	1	2	2	2	2
58.75°	1	1	1	1	1	2	2	2	2	2	2
57.5°	1	1	1	2	2	2	2	2	2	2	2
56.25°	1	1	2	2	2	2	2	2	2	2	2
55°	1	2	2	2	2	2	2	2	2	2	2
53.75°	2	2	2	2	2	2	2	2	2	2	3
52.5°	2	2	2	2	2	2	2	2	3	3	3
51.25°	2	2	2	2	2	2	2	3	3	3	3
50°	2	2	2	2	2	3	3	3	3	3	4
48.75°	2	2	2	2	3	3	3	3	3	4	4
47.5°	2	2	2	3	3	3	3	4	4	4	4
46.25°	2	2	3	3	3	3	4	4	4	4	4
45°	2	3	3	3	3	4	4	4	4	4	4
43.75°	3	3	3	3	4	4	4	4	4	4	4
42.5°	3	3	3	4	4	4	4	4	4	4	5
41.25°	3	3	4	4	4	4	4	4	5	5	5
40°	3	4	4	4	4	4	4	5	5	5	5
38.75°	3	4	4	4	4	4	5	5	5	5	6
37.5°	4	4	4	4	4	4	5	5	5	6	6
36.25°	4	4	4	4	4	5	5	5	6	6	7
35°	4	4	4	4	5	5	5	6	6	7	9



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	4	4	4	5	5	5	6	6	7	8	10
32.5°	4	4	4	5	5	6	6	7	8	10	12
31.25°	4	4	5	5	5	6	6	8	9	11	16
30°	4	4	5	5	6	6	7	9	10	15	19
28.75°	4	5	5	5	6	7	8	10	13	18	23
27.5°	4	5	5	6	6	8	9	12	17	21	29
26.25°	5	5	5	6	7	9	10	15	20	26	34
25°	5	5	6	6	8	9	13	18	23	31	40
23.75°	5	5	6	7	9	10	15	20	28	36	45
22.5°	5	6	6	8	9	12	18	23	32	41	51
21.25°	5	6	7	8	10	15	20	28	37	46	56
20°	5	6	7	9	12	17	23	32	41	51	61
18.75°	6	6	8	10	14	19	26	36	45	55	65
17.5°	6	7	8	10	16	21	30	40	50	60	70
16.25°	6	7	9	12	17	23	33	43	53	64	75
15°	6	8	9	13	19	26	36	47	57	67	80
13.75°	6	8	10	15	21	29	39	50	60	72	85
12.5°	7	8	10	16	22	32	42	53	63	76	89
11.25°	7	9	11	17	24	34	45	55	66	79	93
10°	7	9	12	18	26	36	47	58	69	83	96
8.75°	8	9	13	19	28	38	49	60	72	86	100
7.5°	8	10	14	20	29	40	51	62	74	88	103
6.25°	8	10	15	21	31	41	52	64	77	90	105
5°	8	10	16	22	32	42	54	65	78	92	107
3.75°	8	10	16	22	33	43	55	66	80	94	109
2.5°	8	10	16	23	33	44	55	67	81	95	110
1.25°	8	10	16	23	34	44	56	67	81	95	111
0°	8	10	17	23	34	45	56	67	81	95	111
-1.25°	8	10	16	23	34	44	56	67	81	95	111
-2.5°	8	10	16	23	33	44	55	67	81	95	110
-3.75°	8	10	16	22	33	43	55	66	80	94	109
-5°	8	10	16	22	32	42	54	65	78	92	107
-6.25°	8	10	15	21	31	41	52	64	77	90	105
-7.5°	8	10	14	20	29	40	51	62	74	88	103
-8.75°	8	9	13	19	28	38	49	60	72	86	100
-10°	7	9	12	18	26	36	47	58	69	83	96
-11.25°	7	9	11	17	24	34	45	55	66	79	93
-12.5°	7	8	10	16	22	32	42	53	63	76	89
-13.75°	6	8	10	15	21	29	39	50	60	72	85
-15°	6	8	9	13	19	26	36	47	57	67	80
-16.25°	6	7	9	12	17	23	33	43	53	64	75
-17.5°	6	7	8	10	16	21	30	40	50	60	70
-18.75°	6	6	8	10	14	19	26	36	45	55	65
-20°	5	6	7	9	12	17	23	32	41	51	61
-21.25°	5	6	7	8	10	15	20	28	37	46	56



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	5	6	6	8	9	12	18	23	32	41	51
-23.75°	5	5	6	7	9	10	15	20	28	36	45
-25°	5	5	6	6	8	9	13	18	23	31	40
-26.25°	5	5	5	6	7	9	10	15	20	26	34
-27.5°	4	5	5	6	6	8	9	12	17	21	29
-28.75°	4	5	5	5	6	7	8	10	13	18	23
-30°	4	4	5	5	6	6	7	9	10	15	19
-31.25°	4	4	5	5	5	6	6	8	9	11	16
-32.5°	4	4	4	5	5	6	6	7	8	10	12
-33.75°	4	4	4	5	5	5	6	6	7	8	10
-35°	4	4	4	4	5	5	5	6	6	7	9
-36.25°	4	4	4	4	4	5	5	5	6	6	7
-37.5°	4	4	4	4	4	4	5	5	5	6	6
-38.75°	3	4	4	4	4	4	5	5	5	5	6
-40°	3	4	4	4	4	4	4	5	5	5	5
-41.25°	3	3	4	4	4	4	4	4	5	5	5
-42.5°	3	3	3	4	4	4	4	4	4	4	5
-43.75°	3	3	3	3	4	4	4	4	4	4	4
-45°	2	3	3	3	3	4	4	4	4	4	4
-46.25°	2	2	3	3	3	3	4	4	4	4	4
-47.5°	2	2	2	3	3	3	3	4	4	4	4
-48.75°	2	2	2	2	3	3	3	3	3	4	4
-50°	2	2	2	2	2	3	3	3	3	3	4
-51.25°	2	2	2	2	2	2	2	3	3	3	3
-52.5°	2	2	2	2	2	2	2	2	3	3	3
-53.75°	2	2	2	2	2	2	2	2	2	2	3
-55°	1	2	2	2	2	2	2	2	2	2	2
-56.25°	1	1	2	2	2	2	2	2	2	2	2
-57.5°	1	1	1	2	2	2	2	2	2	2	2
-58.75°	1	1	1	1	1	2	2	2	2	2	2
-60°	1	1	1	1	1	1	1	2	2	2	2
-61.25°	1	1	1	1	1	1	1	1	1	2	2
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	0	1	1	1	1	1	1	1	1	1	1
-72.5°	0	0	0	0	1	1	1	1	1	1	1
-73.75°	0	0	0	0	0	0	0	0	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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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	1	1
75°	0	0	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	2	2	2	2
63.75°	1	1	1	1	2	2	2	2	2	2	2
62.5°	1	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	2	2	2	2	2	2	2	2	2	3	3
57.5°	2	2	2	2	2	2	3	3	3	3	3
56.25°	2	2	2	3	3	3	3	3	3	3	3
55°	2	3	3	3	3	3	3	3	4	4	4
53.75°	3	3	3	3	3	4	4	4	4	4	4
52.5°	3	3	3	4	4	4	4	4	4	4	4
51.25°	3	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	5	5
48.75°	4	4	4	4	4	4	4	5	5	5	5
47.5°	4	4	4	4	4	5	5	5	5	5	6
46.25°	4	4	4	5	5	5	5	5	6	6	6
45°	4	5	5	5	5	5	6	6	6	7	8
43.75°	5	5	5	5	6	6	6	7	8	9	9
42.5°	5	5	6	6	6	7	8	9	9	10	12
41.25°	5	6	6	6	7	8	9	10	13	15	18
40°	6	6	7	8	9	10	12	15	18	20	23
38.75°	6	7	8	9	10	13	17	20	23	28	32
37.5°	7	8	10	11	15	18	21	26	31	36	41
36.25°	9	10	12	16	19	23	29	34	40	45	51
35°	10	12	16	20	24	31	37	43	48	54	60



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	12	16	20	25	32	38	45	51	57	63	69
32.5°	16	20	26	33	39	46	53	59	66	73	81
31.25°	20	25	33	40	47	54	61	68	76	84	92
30°	24	32	39	47	54	62	69	78	86	95	103
28.75°	31	38	46	54	62	70	79	88	97	106	115
27.5°	37	45	53	61	69	79	88	98	108	118	127
26.25°	43	51	59	68	78	88	98	109	119	130	142
25°	48	57	66	76	86	97	108	119	130	144	156
23.75°	54	63	73	84	95	106	118	130	144	157	171
22.5°	60	69	81	92	103	115	127	142	156	171	186
21.25°	65	76	88	99	112	124	139	154	169	185	201
20°	71	83	95	107	120	134	150	165	183	199	217
18.75°	77	89	102	115	128	145	161	178	196	213	233
17.5°	83	95	109	122	138	154	171	190	208	228	258
16.25°	88	101	115	129	147	164	182	201	221	248	294
15°	93	107	121	137	155	173	193	212	235	274	337
13.75°	98	113	127	145	163	182	202	224	255	309	386
12.5°	103	118	134	152	171	191	211	236	279	349	436
11.25°	107	122	140	158	178	199	221	252	308	389	484
10°	111	127	145	164	185	206	229	267	338	430	531
8.75°	115	131	150	170	191	213	240	290	370	467	573
7.5°	118	135	154	175	196	219	251	310	398	501	609
6.25°	121	139	158	179	201	225	260	328	424	531	639
5°	123	142	161	183	205	229	270	347	446	556	665
3.75°	125	144	163	185	208	233	281	362	464	576	683
2.5°	126	145	165	187	210	237	288	372	476	589	696
1.25°	127	146	166	189	211	240	293	379	484	597	704
0°	127	147	167	189	212	240	294	381	486	600	707
-1.25°	127	146	166	189	212	240	294	381	486	600	707
-2.5°	126	145	165	187	210	237	288	372	476	589	696
-3.75°	125	144	163	185	208	233	281	362	464	576	683
-5°	123	142	161	183	205	229	270	347	446	556	665
-6.25°	121	139	158	179	201	225	260	328	424	531	639
-7.5°	118	135	154	175	196	219	251	310	398	501	609
-8.75°	115	131	150	170	191	213	240	290	370	467	573
-10°	111	127	145	164	185	206	229	267	338	430	531
-11.25°	107	122	140	158	178	199	221	252	308	389	484
-12.5°	103	118	134	152	171	191	211	236	279	349	436
-13.75°	98	113	127	145	163	182	202	224	255	309	386
-15°	93	107	121	137	155	173	193	212	235	274	337
-16.25°	88	101	115	129	147	164	182	201	221	248	294
-17.5°	83	95	109	122	138	154	171	190	208	228	258
-18.75°	77	89	102	115	128	145	161	178	196	213	233
-20°	71	83	95	107	120	134	150	165	183	199	217
-21.25°	65	76	88	99	112	124	139	154	169	185	201



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	60	69	81	92	103	115	127	142	156	171	186
-23.75°	54	63	73	84	95	106	118	130	144	157	171
-25°	48	57	66	76	86	97	108	119	130	144	156
-26.25°	43	51	59	68	78	88	98	109	119	130	142
-27.5°	37	45	53	61	69	79	88	98	108	118	127
-28.75°	31	38	46	54	62	70	79	88	97	106	115
-30°	24	32	39	47	54	62	69	78	86	95	103
-31.25°	20	25	33	40	47	54	61	68	76	84	92
-32.5°	16	20	26	33	39	46	53	59	66	73	81
-33.75°	12	16	20	25	32	38	45	51	57	63	69
-35°	10	12	16	20	24	31	37	43	48	54	60
-36.25°	9	10	12	16	19	23	29	34	40	45	51
-37.5°	7	8	10	11	15	18	21	26	31	36	41
-38.75°	6	7	8	9	10	13	17	20	23	28	32
-40°	6	6	7	8	9	10	12	15	18	20	23
-41.25°	5	6	6	6	7	8	9	10	13	15	18
-42.5°	5	5	6	6	6	7	8	9	9	10	12
-43.75°	5	5	5	5	6	6	6	7	8	9	9
-45°	4	5	5	5	5	5	6	6	6	7	8
-46.25°	4	4	4	5	5	5	5	5	6	6	6
-47.5°	4	4	4	4	4	5	5	5	5	5	6
-48.75°	4	4	4	4	4	4	4	5	5	5	5
-50°	4	4	4	4	4	4	4	4	4	5	5
-51.25°	3	4	4	4	4	4	4	4	4	4	4
-52.5°	3	3	3	4	4	4	4	4	4	4	4
-53.75°	3	3	3	3	3	4	4	4	4	4	4
-55°	2	3	3	3	3	3	3	3	4	4	4
-56.25°	2	2	2	3	3	3	3	3	3	3	3
-57.5°	2	2	2	2	2	2	3	3	3	3	3
-58.75°	2	2	2	2	2	2	2	2	2	3	3
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	1	2	2	2	2	2	2	2	2	2	2
-63.75°	1	1	1	1	2	2	2	2	2	2	2
-65°	1	1	1	1	1	1	1	2	2	2	2
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	0	0	1	1	1	1	1	1	1	1	1
-76.25°	0	0	0	0	0	0	0	0	0	1	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	3	3
60°	2	2	3	3	3	3	3	3	3	3	3
58.75°	3	3	3	3	3	3	3	3	3	3	3
57.5°	3	3	3	3	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	5	5	5	5	5	5
51.25°	4	5	5	5	5	5	5	5	5	5	5
50°	5	5	5	5	5	5	6	6	6	6	6
48.75°	5	5	6	6	6	6	6	7	7	7	8
47.5°	6	6	6	7	7	8	8	8	9	9	9
46.25°	7	7	8	8	9	9	10	10	11	12	13
45°	8	9	10	10	12	13	15	16	17	18	19
43.75°	10	12	14	16	17	19	21	22	24	26	28
42.5°	15	17	19	21	23	26	29	32	34	36	38
41.25°	20	23	26	30	33	36	39	42	45	47	49
40°	28	32	36	40	43	47	50	53	55	58	60
38.75°	37	41	45	50	53	57	60	63	66	69	72
37.5°	46	51	55	60	64	67	72	76	79	83	86
36.25°	56	61	65	70	75	80	85	89	93	96	100
35°	65	71	77	83	88	93	98	103	107	111	115



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	76	83	89	95	101	107	113	118	122	127	131
32.5°	88	95	102	109	115	121	127	134	140	145	150
31.25°	99	107	115	122	129	137	145	152	158	164	170
30°	112	120	128	138	147	155	163	171	178	185	191
28.75°	124	134	145	154	164	173	182	191	199	206	213
27.5°	139	150	161	171	182	193	202	211	221	229	240
26.25°	154	165	178	190	201	212	224	236	252	267	290
25°	169	183	196	208	221	235	255	279	308	338	370
23.75°	185	199	213	228	248	274	309	349	389	430	467
22.5°	201	217	233	258	294	337	386	436	484	531	573
21.25°	218	237	264	308	360	417	475	532	585	632	674
20°	237	266	315	374	438	503	568	627	680	726	763
18.75°	264	315	379	449	521	592	657	715	763	799	824
17.5°	308	374	449	527	604	675	738	785	821	846	866
16.25°	360	438	521	604	681	749	799	833	860	884	905
15°	417	503	592	675	749	804	839	869	896	921	944
13.75°	475	568	657	738	799	839	872	902	930	957	982
12.5°	532	627	715	785	833	869	902	934	964	993	1019
11.25°	585	680	763	821	860	896	930	964	997	1026	1057
10°	632	726	799	846	884	921	957	993	1026	1061	1097
8.75°	674	763	824	866	905	944	982	1019	1057	1097	1135
7.5°	709	791	843	884	925	965	1005	1044	1087	1130	1169
6.25°	739	813	858	900	942	984	1024	1067	1114	1158	1199
5°	760	826	870	913	956	999	1041	1089	1137	1183	1223
3.75°	775	836	880	924	967	1011	1056	1106	1156	1201	1240
2.5°	786	843	887	931	976	1019	1066	1119	1169	1214	1253
1.25°	792	847	891	936	981	1025	1073	1126	1177	1222	1260
0°	794	849	893	937	983	1027	1076	1129	1179	1225	1263
-1.25°	792	847	891	936	981	1025	1073	1126	1177	1222	1260
-2.5°	786	843	887	931	976	1019	1066	1119	1169	1214	1253
-3.75°	775	836	880	924	967	1011	1056	1106	1156	1201	1240
-5°	760	826	870	913	956	999	1041	1089	1137	1183	1223
-6.25°	739	813	858	900	942	984	1024	1067	1114	1158	1199
-7.5°	709	791	843	884	925	965	1005	1044	1087	1130	1169
-8.75°	674	763	824	866	905	944	982	1019	1057	1097	1135
-10°	632	726	799	846	884	921	957	993	1026	1061	1097
-11.25°	585	680	763	821	860	896	930	964	997	1026	1057
-12.5°	532	627	715	785	833	869	902	934	964	993	1019
-13.75°	475	568	657	738	799	839	872	902	930	957	982
-15°	417	503	592	675	749	804	839	869	896	921	944
-16.25°	360	438	521	604	681	749	799	833	860	884	905
-17.5°	308	374	449	527	604	675	738	785	821	846	866
-18.75°	264	315	379	449	521	592	657	715	763	799	824
-20°	237	266	315	374	438	503	568	627	680	726	763
-21.25°	218	237	264	308	360	417	475	532	585	632	674



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	201	217	233	258	294	337	386	436	484	531	573
-23.75°	185	199	213	228	248	274	309	349	389	430	467
-25°	169	183	196	208	221	235	255	279	308	338	370
-26.25°	154	165	178	190	201	212	224	236	252	267	290
-27.5°	139	150	161	171	182	193	202	211	221	229	240
-28.75°	124	134	145	154	164	173	182	191	199	206	213
-30°	112	120	128	138	147	155	163	171	178	185	191
-31.25°	99	107	115	122	129	137	145	152	158	164	170
-32.5°	88	95	102	109	115	121	127	134	140	145	150
-33.75°	76	83	89	95	101	107	113	118	122	127	131
-35°	65	71	77	83	88	93	98	103	107	111	115
-36.25°	56	61	65	70	75	80	85	89	93	96	100
-37.5°	46	51	55	60	64	67	72	76	79	83	86
-38.75°	37	41	45	50	53	57	60	63	66	69	72
-40°	28	32	36	40	43	47	50	53	55	58	60
-41.25°	20	23	26	30	33	36	39	42	45	47	49
-42.5°	15	17	19	21	23	26	29	32	34	36	38
-43.75°	10	12	14	16	17	19	21	22	24	26	28
-45°	8	9	10	10	12	13	15	16	17	18	19
-46.25°	7	7	8	8	9	9	10	10	11	12	13
-47.5°	6	6	6	7	7	8	8	8	9	9	9
-48.75°	5	5	6	6	6	6	6	7	7	7	8
-50°	5	5	5	5	5	5	6	6	6	6	6
-51.25°	4	5	5	5	5	5	5	5	5	5	5
-52.5°	4	4	4	4	4	5	5	5	5	5	5
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	3	3	3	3	4	4	4	4	4	4	4
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	2	2	3	3	3	3	3	3	3	3	3
-61.25°	2	2	2	2	2	2	2	2	2	3	3
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	1	1	2	2	2	2	2	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°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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	1	0	0	0	0
76.25°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	2	2	2	2	2	2	2	2	2	2	2
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	3	3	3	3	3	3	3	3	3	3	3
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	3	4	4	4	4	4	4	4	4	4	4
57.5°	4	4	4	4	4	4	4	4	4	4	4
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	5	5	5	5	5	5	5	5	5	5	5
52.5°	5	5	5	5	5	5	5	5	5	5	5
51.25°	5	6	6	6	6	6	6	6	6	6	6
50°	6	6	6	6	6	6	7	6	6	6	6
48.75°	8	8	8	8	8	8	8	8	8	8	8
47.5°	10	10	10	10	10	10	10	10	10	10	10
46.25°	14	15	16	16	16	16	17	16	16	16	16
45°	20	21	22	22	23	23	23	23	23	22	22
43.75°	29	31	32	33	33	34	34	34	33	33	32
42.5°	40	41	42	43	44	44	45	44	44	43	42
41.25°	51	52	54	55	55	56	56	56	55	55	54
40°	62	64	65	66	67	67	67	67	67	66	65
38.75°	74	77	78	80	81	81	81	81	81	80	78
37.5°	88	90	92	94	95	95	95	95	95	94	92
36.25°	103	105	107	109	110	111	111	111	110	109	107
35°	118	121	123	125	126	127	127	127	126	125	123



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	135	139	142	144	145	146	147	146	145	144	142
32.5°	154	158	161	163	165	166	167	166	165	163	161
31.25°	175	179	183	185	187	189	189	189	187	185	183
30°	196	201	205	208	210	211	212	211	210	208	205
28.75°	219	225	229	233	237	240	240	240	237	233	229
27.5°	251	260	270	281	288	293	294	293	288	281	270
26.25°	310	328	347	362	372	379	381	379	372	362	347
25°	398	424	446	464	476	484	486	484	476	464	446
23.75°	501	531	556	576	589	597	600	597	589	576	556
22.5°	609	639	665	683	696	704	707	704	696	683	665
21.25°	709	739	760	775	786	792	794	792	786	775	760
20°	791	813	826	836	843	847	849	847	843	836	826
18.75°	843	858	870	880	887	891	893	891	887	880	870
17.5°	884	900	913	924	931	936	937	936	931	924	913
16.25°	925	942	956	967	976	981	983	981	976	967	956
15°	965	984	999	1011	1019	1025	1027	1025	1019	1011	999
13.75°	1005	1024	1041	1056	1066	1073	1076	1073	1066	1056	1041
12.5°	1044	1067	1089	1106	1119	1126	1129	1126	1119	1106	1089
11.25°	1087	1114	1137	1156	1169	1177	1179	1177	1169	1156	1137
10°	1130	1158	1183	1201	1214	1222	1225	1222	1214	1201	1183
8.75°	1169	1199	1223	1240	1253	1260	1263	1260	1253	1240	1223
7.5°	1204	1233	1256	1273	1286	1292	1294	1292	1286	1273	1256
6.25°	1233	1261	1284	1299	1308	1313	1315	1313	1308	1299	1284
5°	1256	1284	1303	1315	1321	1324	1325	1324	1321	1315	1303
3.75°	1273	1299	1315	1323	1326	1326	1326	1326	1326	1323	1315
2.5°	1286	1308	1321	1326	1325	1323	1322	1323	1325	1326	1321
1.25°	1292	1313	1324	1326	1323	1320	1320	1320	1323	1326	1324
0°	1294	1315	1325	1326	1322	1320	1324	1320	1322	1326	1325
-1.25°	1292	1313	1324	1326	1323	1320	1320	1320	1323	1326	1324
-2.5°	1286	1308	1321	1326	1325	1323	1322	1323	1325	1326	1321
-3.75°	1273	1299	1315	1323	1326	1326	1326	1326	1326	1323	1315
-5°	1256	1284	1303	1315	1321	1324	1325	1324	1321	1315	1303
-6.25°	1233	1261	1284	1299	1308	1313	1315	1313	1308	1299	1284
-7.5°	1204	1233	1256	1273	1286	1292	1294	1292	1286	1273	1256
-8.75°	1169	1199	1223	1240	1253	1260	1263	1260	1253	1240	1223
-10°	1130	1158	1183	1201	1214	1222	1225	1222	1214	1201	1183
-11.25°	1087	1114	1137	1156	1169	1177	1179	1177	1169	1156	1137
-12.5°	1044	1067	1089	1106	1119	1126	1129	1126	1119	1106	1089
-13.75°	1005	1024	1041	1056	1066	1073	1076	1073	1066	1056	1041
-15°	965	984	999	1011	1019	1025	1027	1025	1019	1011	999
-16.25°	925	942	956	967	976	981	983	981	976	967	956
-17.5°	884	900	913	924	931	936	937	936	931	924	913
-18.75°	843	858	870	880	887	891	893	891	887	880	870
-20°	791	813	826	836	843	847	849	847	843	836	826
-21.25°	709	739	760	775	786	792	794	792	786	775	760



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	609	639	665	683	696	704	707	704	696	683	665
-23.75°	501	531	556	576	589	597	600	597	589	576	556
-25°	398	424	446	464	476	484	486	484	476	464	446
-26.25°	310	328	347	362	372	379	381	379	372	362	347
-27.5°	251	260	270	281	288	293	294	293	288	281	270
-28.75°	219	225	229	233	237	240	240	240	237	233	229
-30°	196	201	205	208	210	211	212	211	210	208	205
-31.25°	175	179	183	185	187	189	189	189	187	185	183
-32.5°	154	158	161	163	165	166	167	166	165	163	161
-33.75°	135	139	142	144	145	146	147	146	145	144	142
-35°	118	121	123	125	126	127	127	127	126	125	123
-36.25°	103	105	107	109	110	111	111	111	110	109	107
-37.5°	88	90	92	94	95	95	95	95	95	94	92
-38.75°	74	77	78	80	81	81	81	81	81	80	78
-40°	62	64	65	66	67	67	67	67	67	66	65
-41.25°	51	52	54	55	55	56	56	56	55	55	54
-42.5°	40	41	42	43	44	44	45	44	44	43	42
-43.75°	29	31	32	33	33	34	34	34	33	33	32
-45°	20	21	22	22	23	23	23	23	23	22	22
-46.25°	14	15	16	16	16	16	17	16	16	16	16
-47.5°	10	10	10	10	10	10	10	10	10	10	10
-48.75°	8	8	8	8	8	8	8	8	8	8	8
-50°	6	6	6	6	6	6	7	6	6	6	6
-51.25°	5	6	6	6	6	6	6	6	6	6	6
-52.5°	5	5	5	5	5	5	5	5	5	5	5
-53.75°	5	5	5	5	5	5	5	5	5	5	5
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	4
-58.75°	3	4	4	4	4	4	4	4	4	4	4
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	1	0	0	0	0



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	2	2	1	1	1	1	1	1	1	1	1
66.25°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
63.75°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	3	3	3	3	2	2	2	2	2	2	2
60°	3	3	3	3	3	3	3	3	3	3	3
58.75°	4	3	3	3	3	3	3	3	3	3	3
57.5°	4	4	4	4	4	4	4	4	4	3	3
56.25°	4	4	4	4	4	4	4	4	4	4	4
55°	4	4	4	4	4	4	4	4	4	4	4
53.75°	5	5	4	4	4	4	4	4	4	4	4
52.5°	5	5	5	5	5	5	5	5	4	4	4
51.25°	6	5	5	5	5	5	5	5	5	5	5
50°	6	6	6	6	6	6	6	5	5	5	5
48.75°	8	8	8	7	7	7	6	6	6	6	6
47.5°	10	10	9	9	9	8	8	8	7	7	6
46.25°	15	14	13	12	11	10	10	9	9	8	8
45°	21	20	19	18	17	16	15	13	12	10	10
43.75°	31	29	28	26	24	22	21	19	17	16	14
42.5°	41	40	38	36	34	32	29	26	23	21	19
41.25°	52	51	49	47	45	42	39	36	33	30	26
40°	64	62	60	58	55	53	50	47	43	40	36
38.75°	77	74	72	69	66	63	60	57	53	50	45
37.5°	90	88	86	83	79	76	72	67	64	60	55
36.25°	105	103	100	96	93	89	85	80	75	70	65
35°	121	118	115	111	107	103	98	93	88	83	77



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	139	135	131	127	122	118	113	107	101	95	89
32.5°	158	154	150	145	140	134	127	121	115	109	102
31.25°	179	175	170	164	158	152	145	137	129	122	115
30°	201	196	191	185	178	171	163	155	147	138	128
28.75°	225	219	213	206	199	191	182	173	164	154	145
27.5°	260	251	240	229	221	211	202	193	182	171	161
26.25°	328	310	290	267	252	236	224	212	201	190	178
25°	424	398	370	338	308	279	255	235	221	208	196
23.75°	531	501	467	430	389	349	309	274	248	228	213
22.5°	639	609	573	531	484	436	386	337	294	258	233
21.25°	739	709	674	632	585	532	475	417	360	308	264
20°	813	791	763	726	680	627	568	503	438	374	315
18.75°	858	843	824	799	763	715	657	592	521	449	379
17.5°	900	884	866	846	821	785	738	675	604	527	449
16.25°	942	925	905	884	860	833	799	749	681	604	521
15°	984	965	944	921	896	869	839	804	749	675	592
13.75°	1024	1005	982	957	930	902	872	839	799	738	657
12.5°	1067	1044	1019	993	964	934	902	869	833	785	715
11.25°	1114	1087	1057	1026	997	964	930	896	860	821	763
10°	1158	1130	1097	1061	1026	993	957	921	884	846	799
8.75°	1199	1169	1135	1097	1057	1019	982	944	905	866	824
7.5°	1233	1204	1169	1130	1087	1044	1005	965	925	884	843
6.25°	1261	1233	1199	1158	1114	1067	1024	984	942	900	858
5°	1284	1256	1223	1183	1137	1089	1041	999	956	913	870
3.75°	1299	1273	1240	1201	1156	1106	1056	1011	967	924	880
2.5°	1308	1286	1253	1214	1169	1119	1066	1019	976	931	887
1.25°	1313	1292	1260	1222	1177	1126	1073	1025	981	936	891
0°	1315	1294	1263	1225	1179	1129	1076	1027	983	937	893
-1.25°	1313	1292	1260	1222	1177	1126	1073	1025	981	936	891
-2.5°	1308	1286	1253	1214	1169	1119	1066	1019	976	931	887
-3.75°	1299	1273	1240	1201	1156	1106	1056	1011	967	924	880
-5°	1284	1256	1223	1183	1137	1089	1041	999	956	913	870
-6.25°	1261	1233	1199	1158	1114	1067	1024	984	942	900	858
-7.5°	1233	1204	1169	1130	1087	1044	1005	965	925	884	843
-8.75°	1199	1169	1135	1097	1057	1019	982	944	905	866	824
-10°	1158	1130	1097	1061	1026	993	957	921	884	846	799
-11.25°	1114	1087	1057	1026	997	964	930	896	860	821	763
-12.5°	1067	1044	1019	993	964	934	902	869	833	785	715
-13.75°	1024	1005	982	957	930	902	872	839	799	738	657
-15°	984	965	944	921	896	869	839	804	749	675	592
-16.25°	942	925	905	884	860	833	799	749	681	604	521
-17.5°	900	884	866	846	821	785	738	675	604	527	449
-18.75°	858	843	824	799	763	715	657	592	521	449	379
-20°	813	791	763	726	680	627	568	503	438	374	315
-21.25°	739	709	674	632	585	532	475	417	360	308	264



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	639	609	573	531	484	436	386	337	294	258	233
-23.75°	531	501	467	430	389	349	309	274	248	228	213
-25°	424	398	370	338	308	279	255	235	221	208	196
-26.25°	328	310	290	267	252	236	224	212	201	190	178
-27.5°	260	251	240	229	221	211	202	193	182	171	161
-28.75°	225	219	213	206	199	191	182	173	164	154	145
-30°	201	196	191	185	178	171	163	155	147	138	128
-31.25°	179	175	170	164	158	152	145	137	129	122	115
-32.5°	158	154	150	145	140	134	127	121	115	109	102
-33.75°	139	135	131	127	122	118	113	107	101	95	89
-35°	121	118	115	111	107	103	98	93	88	83	77
-36.25°	105	103	100	96	93	89	85	80	75	70	65
-37.5°	90	88	86	83	79	76	72	67	64	60	55
-38.75°	77	74	72	69	66	63	60	57	53	50	45
-40°	64	62	60	58	55	53	50	47	43	40	36
-41.25°	52	51	49	47	45	42	39	36	33	30	26
-42.5°	41	40	38	36	34	32	29	26	23	21	19
-43.75°	31	29	28	26	24	22	21	19	17	16	14
-45°	21	20	19	18	17	16	15	13	12	10	10
-46.25°	15	14	13	12	11	10	10	9	9	8	8
-47.5°	10	10	9	9	9	8	8	8	7	7	6
-48.75°	8	8	8	7	7	7	6	6	6	6	6
-50°	6	6	6	6	6	6	6	5	5	5	5
-51.25°	6	5	5	5	5	5	5	5	5	5	5
-52.5°	5	5	5	5	5	5	5	5	4	4	4
-53.75°	5	5	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	4	4	4	4
-56.25°	4	4	4	4	4	4	4	4	4	4	4
-57.5°	4	4	4	4	4	4	4	4	4	3	3
-58.75°	4	3	3	3	3	3	3	3	3	3	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-61.25°	3	3	3	3	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-66.25°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	1	1	1	1	0	0	0	0	0	0	0
75°	1	1	1	1	1	1	1	1	1	1	1
73.75°	1	1	1	1	1	1	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	1
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	2	2	2	2	2	2	1	1	1	1	1
63.75°	2	2	2	2	2	2	2	2	2	1	1
62.5°	2	2	2	2	2	2	2	2	2	2	2
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	2	2	2	2	2	2	2
57.5°	3	3	3	3	3	3	3	2	2	2	2
56.25°	4	4	3	3	3	3	3	3	3	3	2
55°	4	4	4	4	4	3	3	3	3	3	3
53.75°	4	4	4	4	4	4	4	4	3	3	3
52.5°	4	4	4	4	4	4	4	4	4	4	3
51.25°	5	4	4	4	4	4	4	4	4	4	4
50°	5	5	5	5	4	4	4	4	4	4	4
48.75°	5	5	5	5	5	5	4	4	4	4	4
47.5°	6	6	6	5	5	5	5	5	4	4	4
46.25°	7	7	6	6	6	5	5	5	5	5	4
45°	9	8	8	7	6	6	6	5	5	5	5
43.75°	12	10	9	9	8	7	6	6	6	5	5
42.5°	17	15	12	10	9	9	8	7	6	6	6
41.25°	23	20	18	15	13	10	9	8	7	6	6
40°	32	28	23	20	18	15	12	10	9	8	7
38.75°	41	37	32	28	23	20	17	13	10	9	8
37.5°	51	46	41	36	31	26	21	18	15	11	10
36.25°	61	56	51	45	40	34	29	23	19	16	12
35°	71	65	60	54	48	43	37	31	24	20	16



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	83	76	69	63	57	51	45	38	32	25	20
32.5°	95	88	81	73	66	59	53	46	39	33	26
31.25°	107	99	92	84	76	68	61	54	47	40	33
30°	120	112	103	95	86	78	69	62	54	47	39
28.75°	134	124	115	106	97	88	79	70	62	54	46
27.5°	150	139	127	118	108	98	88	79	69	61	53
26.25°	165	154	142	130	119	109	98	88	78	68	59
25°	183	169	156	144	130	119	108	97	86	76	66
23.75°	199	185	171	157	144	130	118	106	95	84	73
22.5°	217	201	186	171	156	142	127	115	103	92	81
21.25°	237	218	201	185	169	154	139	124	112	99	88
20°	266	237	217	199	183	165	150	134	120	107	95
18.75°	315	264	233	213	196	178	161	145	128	115	102
17.5°	374	308	258	228	208	190	171	154	138	122	109
16.25°	438	360	294	248	221	201	182	164	147	129	115
15°	503	417	337	274	235	212	193	173	155	137	121
13.75°	568	475	386	309	255	224	202	182	163	145	127
12.5°	627	532	436	349	279	236	211	191	171	152	134
11.25°	680	585	484	389	308	252	221	199	178	158	140
10°	726	632	531	430	338	267	229	206	185	164	145
8.75°	763	674	573	467	370	290	240	213	191	170	150
7.5°	791	709	609	501	398	310	251	219	196	175	154
6.25°	813	739	639	531	424	328	260	225	201	179	158
5°	826	760	665	556	446	347	270	229	205	183	161
3.75°	836	775	683	576	464	362	281	233	208	185	163
2.5°	843	786	696	589	476	372	288	237	210	187	165
1.25°	847	792	704	597	484	379	293	240	211	189	166
0°	849	794	707	600	486	381	294	240	212	189	167
-1.25°	847	792	704	597	484	379	293	240	211	189	166
-2.5°	843	786	696	589	476	372	288	237	210	187	165
-3.75°	836	775	683	576	464	362	281	233	208	185	163
-5°	826	760	665	556	446	347	270	229	205	183	161
-6.25°	813	739	639	531	424	328	260	225	201	179	158
-7.5°	791	709	609	501	398	310	251	219	196	175	154
-8.75°	763	674	573	467	370	290	240	213	191	170	150
-10°	726	632	531	430	338	267	229	206	185	164	145
-11.25°	680	585	484	389	308	252	221	199	178	158	140
-12.5°	627	532	436	349	279	236	211	191	171	152	134
-13.75°	568	475	386	309	255	224	202	182	163	145	127
-15°	503	417	337	274	235	212	193	173	155	137	121
-16.25°	438	360	294	248	221	201	182	164	147	129	115
-17.5°	374	308	258	228	208	190	171	154	138	122	109
-18.75°	315	264	233	213	196	178	161	145	128	115	102
-20°	266	237	217	199	183	165	150	134	120	107	95
-21.25°	237	218	201	185	169	154	139	124	112	99	88



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	217	201	186	171	156	142	127	115	103	92	81
-23.75°	199	185	171	157	144	130	118	106	95	84	73
-25°	183	169	156	144	130	119	108	97	86	76	66
-26.25°	165	154	142	130	119	109	98	88	78	68	59
-27.5°	150	139	127	118	108	98	88	79	69	61	53
-28.75°	134	124	115	106	97	88	79	70	62	54	46
-30°	120	112	103	95	86	78	69	62	54	47	39
-31.25°	107	99	92	84	76	68	61	54	47	40	33
-32.5°	95	88	81	73	66	59	53	46	39	33	26
-33.75°	83	76	69	63	57	51	45	38	32	25	20
-35°	71	65	60	54	48	43	37	31	24	20	16
-36.25°	61	56	51	45	40	34	29	23	19	16	12
-37.5°	51	46	41	36	31	26	21	18	15	11	10
-38.75°	41	37	32	28	23	20	17	13	10	9	8
-40°	32	28	23	20	18	15	12	10	9	8	7
-41.25°	23	20	18	15	13	10	9	8	7	6	6
-42.5°	17	15	12	10	9	9	8	7	6	6	6
-43.75°	12	10	9	9	8	7	6	6	6	5	5
-45°	9	8	8	7	6	6	6	5	5	5	5
-46.25°	7	7	6	6	6	5	5	5	5	5	4
-47.5°	6	6	6	5	5	5	5	5	4	4	4
-48.75°	5	5	5	5	5	5	4	4	4	4	4
-50°	5	5	5	5	4	4	4	4	4	4	4
-51.25°	5	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	3
-53.75°	4	4	4	4	4	4	4	4	3	3	3
-55°	4	4	4	4	4	3	3	3	3	3	3
-56.25°	4	4	3	3	3	3	3	3	3	3	2
-57.5°	3	3	3	3	3	3	3	2	2	2	2
-58.75°	3	3	3	3	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	2
-61.25°	2	2	2	2	2	2	2	2	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-63.75°	2	2	2	2	2	2	2	2	2	1	1
-65°	2	2	2	2	2	2	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-73.75°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	1	1
-76.25°	1	1	1	1	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	1	1	1	1	1	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	0	0
71.25°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
68.75°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
66.25°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	2	1	1	1	1	1	1	1	1	1	1
61.25°	2	2	2	2	1	1	1	1	1	1	1
60°	2	2	2	2	2	2	1	1	1	1	1
58.75°	2	2	2	2	2	2	2	2	1	1	1
57.5°	2	2	2	2	2	2	2	2	2	2	1
56.25°	2	2	2	2	2	2	2	2	2	2	2
55°	3	2	2	2	2	2	2	2	2	2	2
53.75°	3	3	3	2	2	2	2	2	2	2	2
52.5°	3	3	3	3	3	2	2	2	2	2	2
51.25°	4	3	3	3	3	3	2	2	2	2	2
50°	4	4	4	3	3	3	3	3	2	2	2
48.75°	4	4	4	4	3	3	3	3	3	2	2
47.5°	4	4	4	4	4	4	3	3	3	3	2
46.25°	4	4	4	4	4	4	4	3	3	3	3
45°	5	4	4	4	4	4	4	4	3	3	3
43.75°	5	5	4	4	4	4	4	4	4	3	3
42.5°	5	5	5	4	4	4	4	4	4	4	3
41.25°	6	5	5	5	5	4	4	4	4	4	4
40°	6	6	5	5	5	5	4	4	4	4	4
38.75°	7	6	6	5	5	5	5	4	4	4	4
37.5°	8	7	6	6	5	5	5	4	4	4	4
36.25°	10	9	7	6	6	5	5	5	4	4	4
35°	12	10	9	7	6	6	5	5	5	4	4



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	16	12	10	8	7	6	6	5	5	5	4
32.5°	20	16	12	10	8	7	6	6	5	5	4
31.25°	25	20	16	11	9	8	6	6	5	5	5
30°	32	24	19	15	10	9	7	6	6	5	5
28.75°	38	31	23	18	13	10	8	7	6	5	5
27.5°	45	37	29	21	17	12	9	8	6	6	5
26.25°	51	43	34	26	20	15	10	9	7	6	5
25°	57	48	40	31	23	18	13	9	8	6	6
23.75°	63	54	45	36	28	20	15	10	9	7	6
22.5°	69	60	51	41	32	23	18	12	9	8	6
21.25°	76	65	56	46	37	28	20	15	10	8	7
20°	83	71	61	51	41	32	23	17	12	9	7
18.75°	89	77	65	55	45	36	26	19	14	10	8
17.5°	95	83	70	60	50	40	30	21	16	10	8
16.25°	101	88	75	64	53	43	33	23	17	12	9
15°	107	93	80	67	57	47	36	26	19	13	9
13.75°	113	98	85	72	60	50	39	29	21	15	10
12.5°	118	103	89	76	63	53	42	32	22	16	10
11.25°	122	107	93	79	66	55	45	34	24	17	11
10°	127	111	96	83	69	58	47	36	26	18	12
8.75°	131	115	100	86	72	60	49	38	28	19	13
7.5°	135	118	103	88	74	62	51	40	29	20	14
6.25°	139	121	105	90	77	64	52	41	31	21	15
5°	142	123	107	92	78	65	54	42	32	22	16
3.75°	144	125	109	94	80	66	55	43	33	22	16
2.5°	145	126	110	95	81	67	55	44	33	23	16
1.25°	146	127	111	95	81	67	56	44	34	23	16
0°	147	127	111	95	81	67	56	45	34	23	17
-1.25°	146	127	111	95	81	67	56	45	34	23	17
-2.5°	145	126	110	95	81	67	55	44	33	23	16
-3.75°	144	125	109	94	80	66	55	43	33	22	16
-5°	142	123	107	92	78	65	54	42	32	22	16
-6.25°	139	121	105	90	77	64	52	41	31	21	15
-7.5°	135	118	103	88	74	62	51	40	29	20	14
-8.75°	131	115	100	86	72	60	49	38	28	19	13
-10°	127	111	96	83	69	58	47	36	26	18	12
-11.25°	122	107	93	79	66	55	45	34	24	17	11
-12.5°	118	103	89	76	63	53	42	32	22	16	10
-13.75°	113	98	85	72	60	50	39	29	21	15	10
-15°	107	93	80	67	57	47	36	26	19	13	9
-16.25°	101	88	75	64	53	43	33	23	17	12	9
-17.5°	95	83	70	60	50	40	30	21	16	10	8
-18.75°	89	77	65	55	45	36	26	19	14	10	8
-20°	83	71	61	51	41	32	23	17	12	9	7
-21.25°	76	65	56	46	37	28	20	15	10	8	7



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	69	60	51	41	32	23	18	12	9	8	6
-23.75°	63	54	45	36	28	20	15	10	9	7	6
-25°	57	48	40	31	23	18	13	9	8	6	6
-26.25°	51	43	34	26	20	15	10	9	7	6	5
-27.5°	45	37	29	21	17	12	9	8	6	6	5
-28.75°	38	31	23	18	13	10	8	7	6	5	5
-30°	32	24	19	15	10	9	7	6	6	5	5
-31.25°	25	20	16	11	9	8	6	6	5	5	5
-32.5°	20	16	12	10	8	7	6	6	5	5	4
-33.75°	16	12	10	8	7	6	6	5	5	5	4
-35°	12	10	9	7	6	6	5	5	5	4	4
-36.25°	10	9	7	6	6	5	5	5	4	4	4
-37.5°	8	7	6	6	5	5	5	4	4	4	4
-38.75°	7	6	6	5	5	5	5	4	4	4	4
-40°	6	6	5	5	5	5	4	4	4	4	4
-41.25°	6	5	5	5	5	4	4	4	4	4	4
-42.5°	5	5	5	4	4	4	4	4	4	4	3
-43.75°	5	5	4	4	4	4	4	4	4	3	3
-45°	5	4	4	4	4	4	4	4	3	3	3
-46.25°	4	4	4	4	4	4	4	3	3	3	3
-47.5°	4	4	4	4	4	4	3	3	3	3	2
-48.75°	4	4	4	4	3	3	3	3	3	2	2
-50°	4	4	4	3	3	3	3	3	2	2	2
-51.25°	4	3	3	3	3	3	2	2	2	2	2
-52.5°	3	3	3	3	3	2	2	2	2	2	2
-53.75°	3	3	3	2	2	2	2	2	2	2	2
-55°	3	2	2	2	2	2	2	2	2	2	2
-56.25°	2	2	2	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	1
-58.75°	2	2	2	2	2	2	2	2	1	1	1
-60°	2	2	2	2	2	2	1	1	1	1	1
-61.25°	2	2	2	2	1	1	1	1	1	1	1
-62.5°	2	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-68.75°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-71.25°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	0	0
-73.75°	1	1	1	1	1	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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	1	0	0	0	0	0	0	0	0	0	0
70°	1	1	1	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	0	0	0	0
66.25°	1	1	1	1	1	1	1	1	0	0	0
65°	1	1	1	1	1	1	1	1	1	1	0
63.75°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
58.75°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
56.25°	1	1	1	1	1	1	1	1	1	1	1
55°	2	1	1	1	1	1	1	1	1	1	1
53.75°	2	2	2	1	1	1	1	1	1	1	1
52.5°	2	2	2	2	1	1	1	1	1	1	1
51.25°	2	2	2	2	2	1	1	1	1	1	1
50°	2	2	2	2	2	2	1	1	1	1	1
48.75°	2	2	2	2	2	2	1	1	1	1	1
47.5°	2	2	2	2	2	2	2	1	1	1	1
46.25°	2	2	2	2	2	2	2	2	1	1	1
45°	3	2	2	2	2	2	2	2	2	1	1
43.75°	3	3	2	2	2	2	2	2	2	1	1
42.5°	3	3	3	2	2	2	2	2	2	2	1
41.25°	3	3	3	2	2	2	2	2	2	2	1
40°	4	3	3	3	2	2	2	2	2	2	2
38.75°	4	3	3	3	3	2	2	2	2	2	2
37.5°	4	4	3	3	3	2	2	2	2	2	2
36.25°	4	4	4	3	3	3	2	2	2	2	2
35°	4	4	4	3	3	3	2	2	2	2	2



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	4	4	4	4	3	3	3	2	2	2	2
32.5°	4	4	4	4	3	3	3	2	2	2	2
31.25°	4	4	4	4	4	3	3	3	2	2	2
30°	4	4	4	4	4	3	3	3	2	2	2
28.75°	5	4	4	4	4	4	3	3	2	2	2
27.5°	5	4	4	4	4	4	3	3	3	2	2
26.25°	5	5	4	4	4	4	3	3	3	2	2
25°	5	5	4	4	4	4	4	3	3	2	2
23.75°	5	5	5	4	4	4	4	3	3	3	2
22.5°	6	5	5	4	4	4	4	3	3	3	2
21.25°	6	5	5	4	4	4	4	4	3	3	2
20°	6	5	5	5	4	4	4	4	3	3	2
18.75°	6	6	5	5	4	4	4	4	3	3	3
17.5°	7	6	5	5	4	4	4	4	3	3	3
16.25°	7	6	5	5	4	4	4	4	4	3	3
15°	8	6	5	5	5	4	4	4	4	3	3
13.75°	8	6	6	5	5	4	4	4	4	3	3
12.5°	8	7	6	5	5	4	4	4	4	3	3
11.25°	9	7	6	5	5	4	4	4	4	3	3
10°	9	7	6	5	5	4	4	4	4	3	3
8.75°	9	8	6	5	5	4	4	4	4	3	3
7.5°	10	8	6	5	5	5	4	4	4	3	3
6.25°	10	8	6	6	6	5	5	4	4	4	3
5°	10	8	6	6	6	5	5	4	4	4	3
3.75°	10	8	6	6	6	5	5	4	4	4	3
2.5°	10	8	6	6	6	5	5	4	4	4	3
1.25°	10	8	6	6	6	5	5	4	4	4	3
0°	10	8	7	6	6	5	5	4	4	4	3
-1.25°	10	8	6	6	5	5	4	4	4	4	3
-2.5°	10	8	6	6	6	5	5	4	4	4	3
-3.75°	10	8	6	6	6	5	5	4	4	4	3
-5°	10	8	6	6	6	5	5	4	4	4	3
-6.25°	10	8	6	6	6	5	5	4	4	4	3
-7.5°	10	8	6	6	6	5	5	4	4	4	3
-8.75°	10	8	6	6	6	5	5	4	4	4	3
-10°	9	8	6	6	6	5	5	4	4	4	3
-11.25°	9	7	6	6	6	5	5	4	4	4	3
-12.5°	9	7	6	6	6	5	5	4	4	4	3
-13.75°	8	7	6	6	6	5	5	4	4	4	3
-15°	8	6	6	6	6	5	5	4	4	4	3
-16.25°	8	6	5	5	5	4	4	4	4	3	3
-17.5°	7	6	5	5	5	4	4	4	4	3	3
-18.75°	7	6	5	5	5	4	4	4	4	3	3
-20°	6	6	5	5	5	4	4	4	4	3	3
-21.25°	6	5	5	5	5	4	4	4	4	3	3



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	6	5	5	4	4	4	4	3	3	3	2
-23.75°	5	5	5	4	4	4	4	3	3	3	2
-25°	5	5	4	4	4	4	4	3	3	2	2
-26.25°	5	5	4	4	4	4	3	3	3	2	2
-27.5°	5	4	4	4	4	4	3	3	3	2	2
-28.75°	5	4	4	4	4	4	3	3	2	2	2
-30°	4	4	4	4	4	3	3	3	2	2	2
-31.25°	4	4	4	4	4	3	3	3	2	2	2
-32.5°	4	4	4	4	3	3	3	2	2	2	2
-33.75°	4	4	4	4	3	3	3	2	2	2	2
-35°	4	4	4	3	3	3	2	2	2	2	2
-36.25°	4	4	4	3	3	3	2	2	2	2	2
-37.5°	4	4	3	3	3	2	2	2	2	2	2
-38.75°	4	3	3	3	3	2	2	2	2	2	2
-40°	4	3	3	3	2	2	2	2	2	2	2
-41.25°	3	3	3	2	2	2	2	2	2	2	1
-42.5°	3	3	3	2	2	2	2	2	2	2	1
-43.75°	3	3	2	2	2	2	2	2	2	1	1
-45°	3	2	2	2	2	2	2	2	2	1	1
-46.25°	2	2	2	2	2	2	2	2	1	1	1
-47.5°	2	2	2	2	2	2	2	1	1	1	1
-48.75°	2	2	2	2	2	2	1	1	1	1	1
-50°	2	2	2	2	2	2	1	1	1	1	1
-51.25°	2	2	2	2	2	1	1	1	1	1	1
-52.5°	2	2	2	2	1	1	1	1	1	1	1
-53.75°	2	2	2	1	1	1	1	1	1	1	1
-55°	2	1	1	1	1	1	1	1	1	1	1
-56.25°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	1
-61.25°	1	1	1	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	0
-66.25°	1	1	1	1	1	1	1	1	0	0	0
-67.5°	1	1	1	1	1	1	1	0	0	0	0
-68.75°	1	1	1	1	1	0	0	0	0	0	0
-70°	1	1	1	0	0	0	0	0	0	0	0
-71.25°	1	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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	1	0	0	0	0	0	0	0	0	0	0
61.25°	1	1	0	0	0	0	0	0	0	0	0
60°	1	1	1	0	0	0	0	0	0	0	0
58.75°	1	1	1	1	0	0	0	0	0	0	0
57.5°	1	1	1	1	0	0	0	0	0	0	0
56.25°	1	1	1	1	1	0	0	0	0	0	0
55°	1	1	1	1	1	1	0	0	0	0	0
53.75°	1	1	1	1	1	1	0	0	0	0	0
52.5°	1	1	1	1	1	1	1	0	0	0	0
51.25°	1	1	1	1	1	1	1	0	0	0	0
50°	1	1	1	1	1	1	1	1	0	0	0
48.75°	1	1	1	1	1	1	1	1	0	0	0
47.5°	1	1	1	1	1	1	1	1	1	0	0
46.25°	1	1	1	1	1	1	1	1	1	0	0
45°	1	1	1	1	1	1	1	1	1	0	0
43.75°	1	1	1	1	1	1	1	1	1	1	0
42.5°	1	1	1	1	1	1	1	1	1	1	0
41.25°	1	1	1	1	1	1	1	1	1	1	0
40°	1	1	1	1	1	1	1	1	1	1	0
38.75°	1	1	1	1	1	1	1	1	1	1	1
37.5°	2	1	1	1	1	1	1	1	1	1	1
36.25°	2	1	1	1	1	1	1	1	1	1	1
35°	2	1	1	1	1	1	1	1	1	1	1



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	2	2	1	1	1	1	1	1	1	1	1
32.5°	2	2	1	1	1	1	1	1	1	1	1
31.25°	2	2	1	1	1	1	1	1	1	1	1
30°	2	2	2	1	1	1	1	1	1	1	1
28.75°	2	2	2	1	1	1	1	1	1	1	1
27.5°	2	2	2	1	1	1	1	1	1	1	1
26.25°	2	2	2	2	1	1	1	1	1	1	1
25°	2	2	2	2	1	1	1	1	1	1	1
23.75°	2	2	2	2	1	1	1	1	1	1	1
22.5°	2	2	2	2	1	1	1	1	1	1	1
21.25°	2	2	2	2	1	1	1	1	1	1	1
20°	2	2	2	2	1	1	1	1	1	1	1
18.75°	2	2	2	2	2	1	1	1	1	1	1
17.5°	2	2	2	2	2	1	1	1	1	1	1
16.25°	2	2	2	2	2	1	1	1	1	1	1
15°	2	2	2	2	2	1	1	1	1	1	1
13.75°	2	2	2	2	2	1	1	1	1	1	1
12.5°	2	2	2	2	2	1	1	1	1	1	1
11.25°	2	2	2	2	2	1	1	1	1	1	1
10°	3	2	2	2	2	1	1	1	1	1	1
8.75°	3	2	2	2	2	1	1	1	1	1	1
7.5°	3	2	2	2	2	2	1	1	1	1	1
6.25°	3	2	2	2	2	2	1	1	1	1	1
5°	3	2	2	2	2	2	1	1	1	1	1
3.75°	3	2	2	2	2	2	1	1	1	1	1
2.5°	3	2	2	2	2	2	1	1	1	1	1
1.25°	3	2	2	2	2	2	1	1	1	1	1
0°	3	2	2	2	2	2	1	1	1	1	1
-1.25°	3	2	2	2	2	2	1	1	1	1	1
-2.5°	3	2	2	2	2	2	1	1	1	1	1
-3.75°	3	2	2	2	2	2	1	1	1	1	1
-5°	3	2	2	2	2	2	1	1	1	1	1
-6.25°	3	2	2	2	2	2	1	1	1	1	1
-7.5°	3	2	2	2	2	2	1	1	1	1	1
-8.75°	3	2	2	2	2	1	1	1	1	1	1
-10°	3	2	2	2	2	1	1	1	1	1	1
-11.25°	2	2	2	2	2	1	1	1	1	1	1
-12.5°	2	2	2	2	2	1	1	1	1	1	1
-13.75°	2	2	2	2	2	1	1	1	1	1	1
-15°	2	2	2	2	2	1	1	1	1	1	1
-16.25°	2	2	2	2	2	1	1	1	1	1	1
-17.5°	2	2	2	2	2	1	1	1	1	1	1
-18.75°	2	2	2	2	2	1	1	1	1	1	1
-20°	2	2	2	2	1	1	1	1	1	1	1
-21.25°	2	2	2	2	1	1	1	1	1	1	1



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	2	2	2	2	1	1	1	1	1	1	1
-23.75°	2	2	2	2	1	1	1	1	1	1	1
-25°	2	2	2	2	1	1	1	1	1	1	1
-26.25°	2	2	2	2	1	1	1	1	1	1	1
-27.5°	2	2	2	1	1	1	1	1	1	1	1
-28.75°	2	2	2	1	1	1	1	1	1	1	1
-30°	2	2	2	1	1	1	1	1	1	1	1
-31.25°	2	2	1	1	1	1	1	1	1	1	1
-32.5°	2	2	1	1	1	1	1	1	1	1	1
-33.75°	2	2	1	1	1	1	1	1	1	1	1
-35°	2	1	1	1	1	1	1	1	1	1	1
-36.25°	2	1	1	1	1	1	1	1	1	1	1
-37.5°	2	1	1	1	1	1	1	1	1	1	1
-38.75°	1	1	1	1	1	1	1	1	1	1	1
-40°	1	1	1	1	1	1	1	1	1	1	0
-41.25°	1	1	1	1	1	1	1	1	1	1	0
-42.5°	1	1	1	1	1	1	1	1	1	1	0
-43.75°	1	1	1	1	1	1	1	1	1	1	0
-45°	1	1	1	1	1	1	1	1	1	0	0
-46.25°	1	1	1	1	1	1	1	1	1	0	0
-47.5°	1	1	1	1	1	1	1	1	1	0	0
-48.75°	1	1	1	1	1	1	1	1	0	0	0
-50°	1	1	1	1	1	1	1	1	0	0	0
-51.25°	1	1	1	1	1	1	1	0	0	0	0
-52.5°	1	1	1	1	1	1	1	0	0	0	0
-53.75°	1	1	1	1	1	1	0	0	0	0	0
-55°	1	1	1	1	1	1	0	0	0	0	0
-56.25°	1	1	1	1	1	0	0	0	0	0	0
-57.5°	1	1	1	1	0	0	0	0	0	0	0
-58.75°	1	1	1	1	0	0	0	0	0	0	0
-60°	1	1	1	0	0	0	0	0	0	0	0
-61.25°	1	1	0	0	0	0	0	0	0	0	0
-62.5°	1	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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	1	0	0	0	0	0	0	0	0	0	0
31.25°	1	0	0	0	0	0	0	0	0	0	0
30°	1	0	0	0	0	0	0	0	0	0	0
28.75°	1	0	0	0	0	0	0	0	0	0	0
27.5°	1	0	0	0	0	0	0	0	0	0	0
26.25°	1	0	0	0	0	0	0	0	0	0	0
25°	1	0	0	0	0	0	0	0	0	0	0
23.75°	1	1	0	0	0	0	0	0	0	0	0
22.5°	1	1	0	0	0	0	0	0	0	0	0
21.25°	1	1	0	0	0	0	0	0	0	0	0
20°	1	1	0	0	0	0	0	0	0	0	0
18.75°	1	1	0	0	0	0	0	0	0	0	0
17.5°	1	1	0	0	0	0	0	0	0	0	0
16.25°	1	1	0	0	0	0	0	0	0	0	0
15°	1	1	0	0	0	0	0	0	0	0	0
13.75°	1	1	0	0	0	0	0	0	0	0	0
12.5°	1	1	0	0	0	0	0	0	0	0	0
11.25°	1	1	0	0	0	0	0	0	0	0	0
10°	1	1	0	0	0	0	0	0	0	0	0
8.75°	1	1	0	0	0	0	0	0	0	0	0
7.5°	1	1	0	0	0	0	0	0	0	0	0
6.25°	1	1	0	0	0	0	0	0	0	0	0
5°	1	1	0	0	0	0	0	0	0	0	0
3.75°	1	1	0	0	0	0	0	0	0	0	0
2.5°	1	1	0	0	0	0	0	0	0	0	0
1.25°	1	1	0	0	0	0	0	0	0	0	0
0°	1	1	1	0	0	0	0	0	0	0	0
-1.25°	1	1	0	0	0	0	0	0	0	0	0
-2.5°	1	1	0	0	0	0	0	0	0	0	0
-3.75°	1	1	0	0	0	0	0	0	0	0	0
-5°	1	1	0	0	0	0	0	0	0	0	0
-6.25°	1	1	0	0	0	0	0	0	0	0	0
-7.5°	1	1	0	0	0	0	0	0	0	0	0
-8.75°	1	1	0	0	0	0	0	0	0	0	0
-10°	1	1	0	0	0	0	0	0	0	0	0
-11.25°	1	1	0	0	0	0	0	0	0	0	0
-12.5°	1	1	0	0	0	0	0	0	0	0	0
-13.75°	1	1	0	0	0	0	0	0	0	0	0
-15°	1	1	0	0	0	0	0	0	0	0	0
-16.25°	1	1	0	0	0	0	0	0	0	0	0
-17.5°	1	1	0	0	0	0	0	0	0	0	0
-18.75°	1	1	0	0	0	0	0	0	0	0	0
-20°	1	1	0	0	0	0	0	0	0	0	0
-21.25°	1	1	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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°	1	1	0	0	0	0	0	0	0	0	0
-23.75°	1	1	0	0	0	0	0	0	0	0	0
-25°	1	0	0	0	0	0	0	0	0	0	0
-26.25°	1	0	0	0	0	0	0	0	0	0	0
-27.5°	1	0	0	0	0	0	0	0	0	0	0
-28.75°	1	0	0	0	0	0	0	0	0	0	0
-30°	1	0	0	0	0	0	0	0	0	0	0
-31.25°	1	0	0	0	0	0	0	0	0	0	0
-32.5°	1	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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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: P220555 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4080-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)