

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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV**

Issue Date: 3/3/2020

Test Information

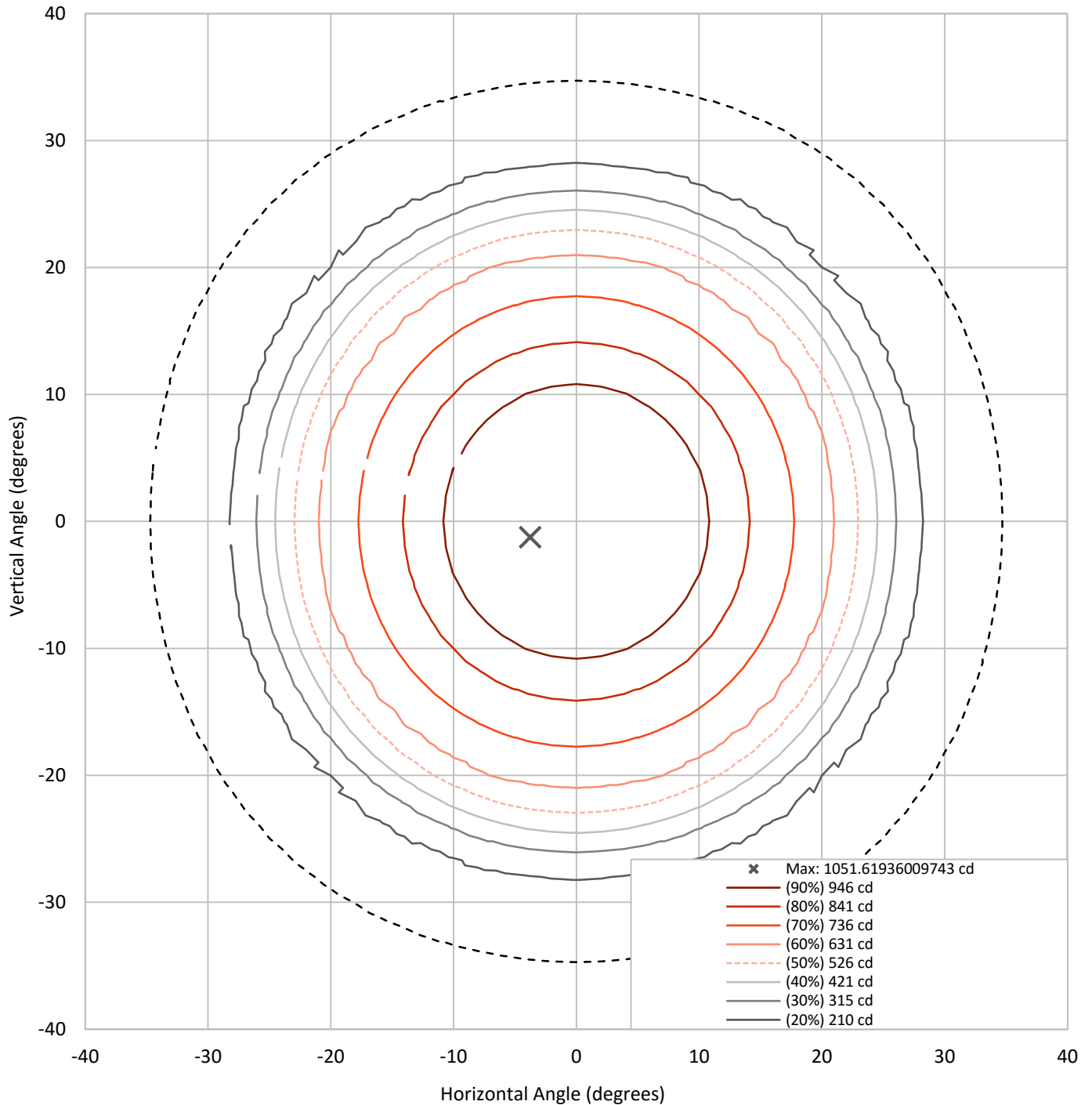
Test Method: LM-79-08
Report Number: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29475)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, WIDE
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 4000K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	588 lumens	Max Intensity:	1051.6 candela
Efficiency:	N/A	Max Intensity Angle:	-3.75°H x -1.25°V
Efficacy:	60.0 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:	397.5 lumens	Field Lumens:	538.8 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		

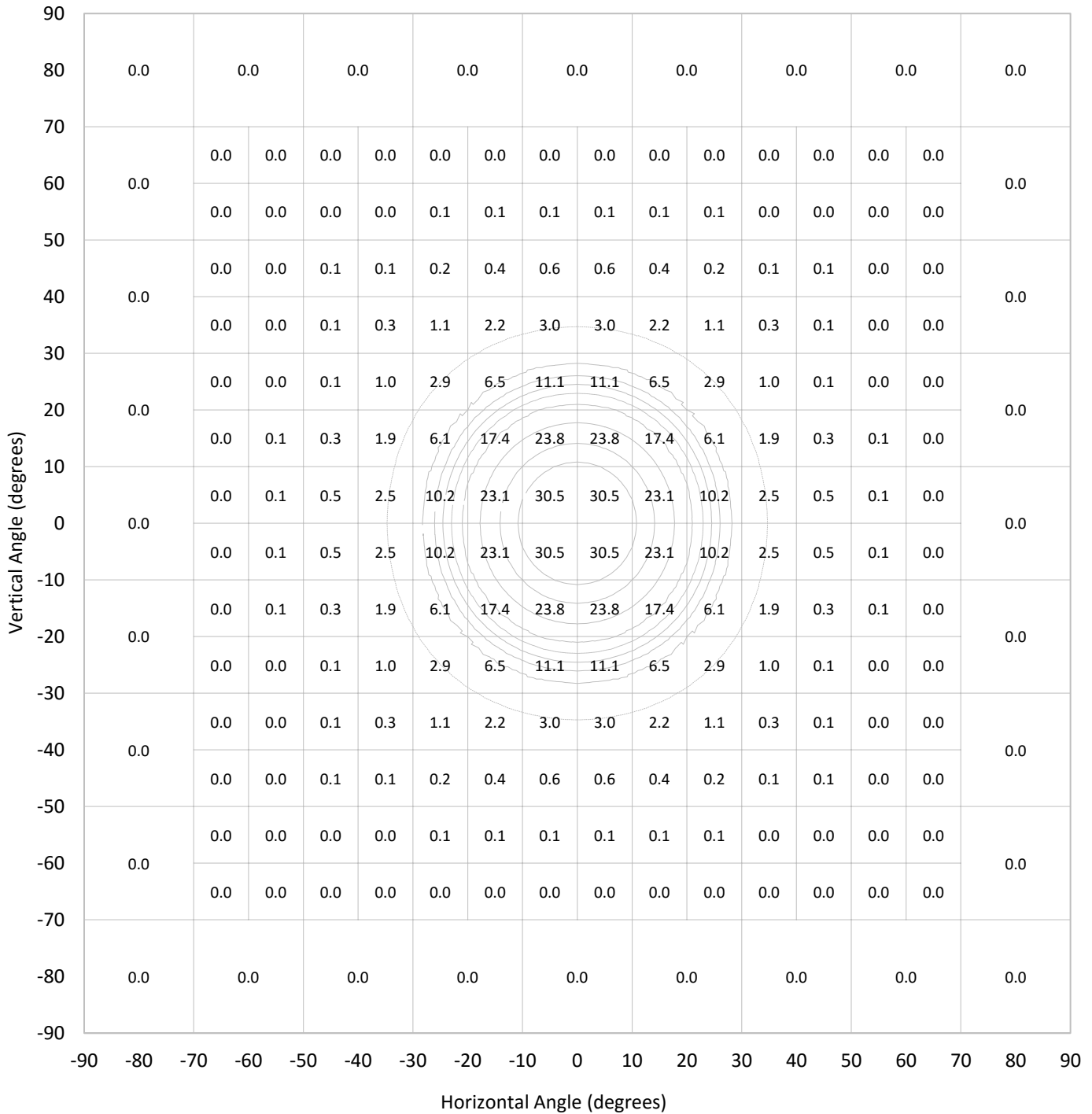
REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV

Iso-Candela Plot



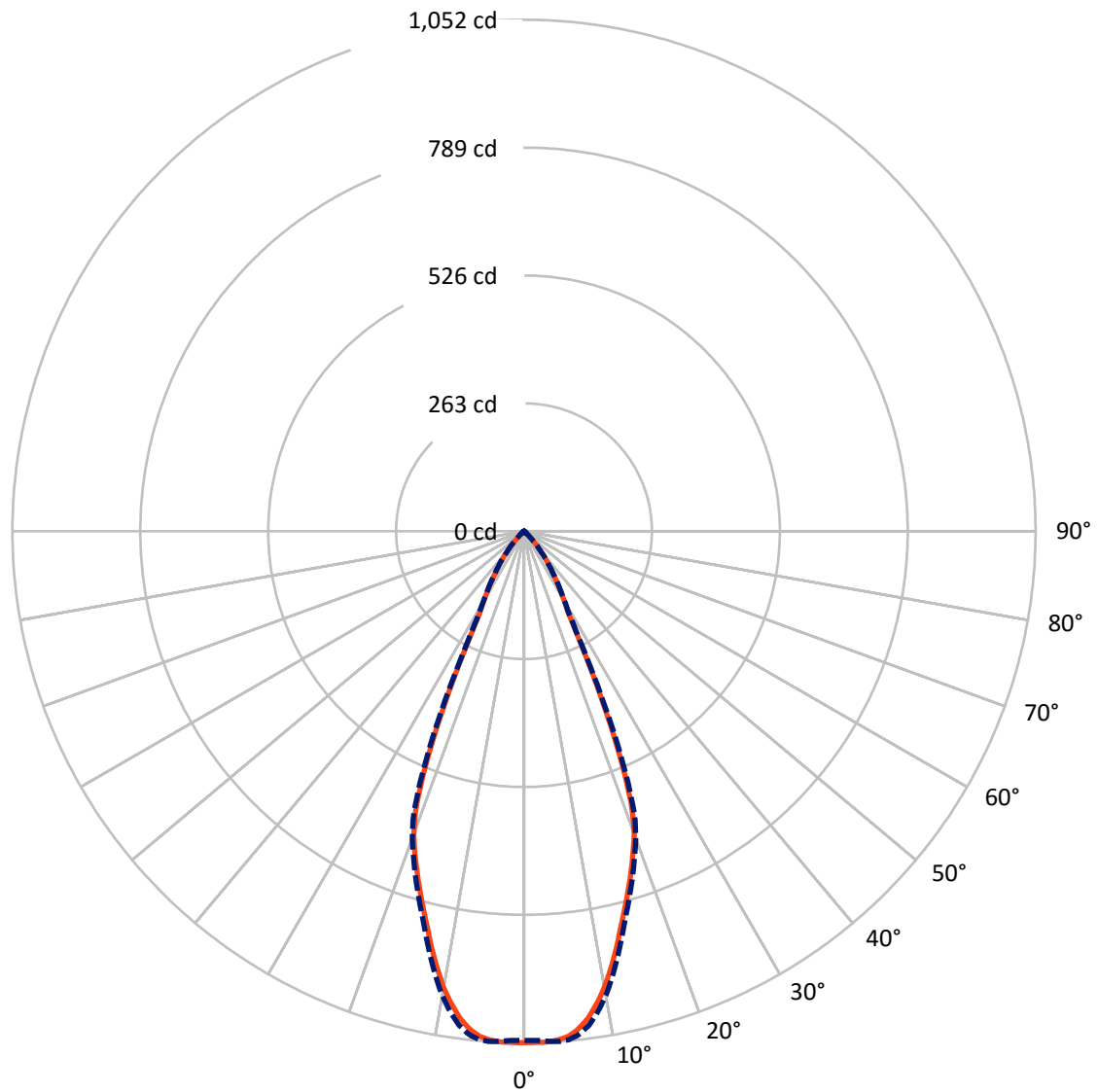
REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV

Lumen Table



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV

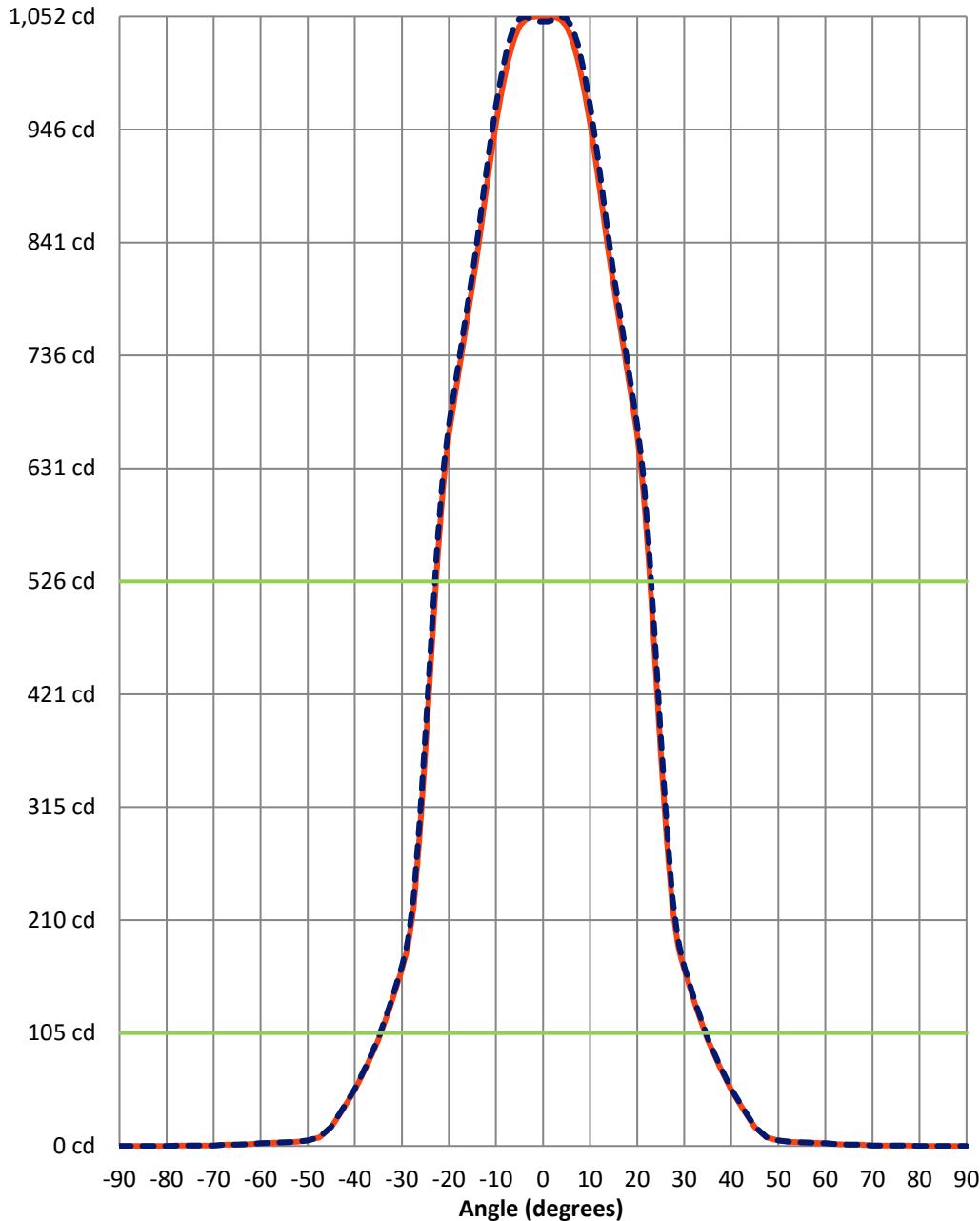
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 46°
 V Angle: 45.5°
 Lumens: 397.5
 Efficiency: 67.6%

Field:
 H Angle: 69.2°
 V Angle: 69°
 Lumens: 538.8
 Efficiency: 91.6%

Spill:
 Lumens: 49.2
 Efficiency: 8.4%

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



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
68.75°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
66.25°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
63.75°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
61.25°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
58.75°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
56.25°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
53.75°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
51.25°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	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	1
36.25°	0	0	0	0	0	0	0	0	0	0	1
35°	0	0	0	0	0	0	0	0	0	0	1



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-76.25°	-75°	-73.75°	-72.5°	-71.25°	-70°	-68.75°	-67.5°	-66.25°	-65°	-63.75°
-22.5°	0	0	0	0	0	0	0	1	1	1	1
-23.75°	0	0	0	0	0	0	0	1	1	1	1
-25°	0	0	0	0	0	0	0	1	1	1	1
-26.25°	0	0	0	0	0	0	0	0	1	1	1
-27.5°	0	0	0	0	0	0	0	0	1	1	1
-28.75°	0	0	0	0	0	0	0	0	1	1	1
-30°	0	0	0	0	0	0	0	0	1	1	1
-31.25°	0	0	0	0	0	0	0	0	0	1	1
-32.5°	0	0	0	0	0	0	0	0	0	1	1
-33.75°	0	0	0	0	0	0	0	0	0	1	1
-35°	0	0	0	0	0	0	0	0	0	0	1
-36.25°	0	0	0	0	0	0	0	0	0	0	1
-37.5°	0	0	0	0	0	0	0	0	0	0	1
-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	1	1	1	1	2	2	2	2	3	3	3
32.5°	1	1	1	1	2	2	2	3	3	3	3
31.25°	1	1	1	2	2	2	2	3	3	3	3
30°	1	1	1	2	2	2	3	3	3	3	3
28.75°	1	1	1	2	2	2	3	3	3	3	3
27.5°	1	1	2	2	2	2	3	3	3	3	3
26.25°	1	1	2	2	2	3	3	3	3	3	3
25°	1	1	2	2	2	3	3	3	3	3	4
23.75°	1	1	2	2	2	3	3	3	3	3	4
22.5°	1	2	2	2	3	3	3	3	3	3	4
21.25°	1	2	2	2	3	3	3	3	3	4	4
20°	1	2	2	2	3	3	3	3	3	4	4
18.75°	1	2	2	2	3	3	3	3	3	4	4
17.5°	1	2	2	2	3	3	3	3	3	4	4
16.25°	2	2	2	3	3	3	3	3	4	4	4
15°	2	2	2	3	3	3	3	3	4	4	4
13.75°	2	2	2	3	3	3	3	3	4	4	4
12.5°	2	2	2	3	3	3	3	3	4	4	5
11.25°	2	2	2	3	3	3	3	3	4	4	5
10°	2	2	2	3	3	3	3	4	4	4	5
8.75°	2	2	2	3	3	3	3	4	4	4	5
7.5°	2	2	2	3	3	3	3	4	4	4	5
6.25°	2	2	3	3	3	3	3	4	4	4	5
5°	2	2	3	3	3	3	3	4	4	4	5
3.75°	2	2	3	3	3	3	3	4	4	4	5
2.5°	2	2	3	3	3	3	3	4	4	5	5
1.25°	2	2	3	3	3	3	3	4	4	5	5
0°	2	2	3	3	3	3	3	4	4	5	5
-1.25°	2	2	3	3	3	3	3	4	4	5	5
-2.5°	2	2	3	3	3	3	3	4	4	5	5
-3.75°	2	2	3	3	3	3	3	4	4	4	5
-5°	2	2	3	3	3	3	3	4	4	4	5
-6.25°	2	2	3	3	3	3	3	4	4	4	5
-7.5°	2	2	2	3	3	3	3	4	4	4	5
-8.75°	2	2	2	3	3	3	3	4	4	4	5
-10°	2	2	2	3	3	3	3	4	4	4	5
-11.25°	2	2	2	3	3	3	3	3	4	4	5
-12.5°	2	2	2	3	3	3	3	3	4	4	5
-13.75°	2	2	2	3	3	3	3	3	4	4	4
-15°	2	2	2	3	3	3	3	3	4	4	4
-16.25°	2	2	2	3	3	3	3	3	4	4	4
-17.5°	1	2	2	2	3	3	3	3	3	4	4
-18.75°	1	2	2	2	3	3	3	3	3	4	4
-20°	1	2	2	2	3	3	3	3	3	4	4
-21.25°	1	2	2	2	3	3	3	3	3	4	4



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	1	2	2	2	3	3	3	3	3	3	4
-23.75°	1	1	2	2	2	3	3	3	3	3	4
-25°	1	1	2	2	2	3	3	3	3	3	4
-26.25°	1	1	2	2	2	3	3	3	3	3	3
-27.5°	1	1	2	2	2	2	3	3	3	3	3
-28.75°	1	1	1	2	2	2	3	3	3	3	3
-30°	1	1	1	2	2	2	3	3	3	3	3
-31.25°	1	1	1	2	2	2	2	3	3	3	3
-32.5°	1	1	1	1	2	2	2	3	3	3	3
-33.75°	1	1	1	1	2	2	2	2	3	3	3
-35°	1	1	1	1	1	2	2	2	3	3	3
-36.25°	1	1	1	1	1	2	2	2	2	3	3
-37.5°	1	1	1	1	1	1	2	2	2	3	3
-38.75°	1	1	1	1	1	1	2	2	2	2	3
-40°	1	1	1	1	1	1	1	2	2	2	2
-41.25°	1	1	1	1	1	1	1	2	2	2	2
-42.5°	0	1	1	1	1	1	1	1	2	2	2
-43.75°	0	1	1	1	1	1	1	1	1	2	2
-45°	0	0	1	1	1	1	1	1	1	2	2
-46.25°	0	0	0	1	1	1	1	1	1	1	2
-47.5°	0	0	0	1	1	1	1	1	1	1	1
-48.75°	0	0	0	0	1	1	1	1	1	1	1
-50°	0	0	0	0	0	1	1	1	1	1	1
-51.25°	0	0	0	0	0	1	1	1	1	1	1
-52.5°	0	0	0	0	0	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	0	1	1	1
-56.25°	0	0	0	0	0	0	0	0	0	1	1
-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	3	3	3	4	4	4	5	5	6	7	8
32.5°	3	3	4	4	4	4	5	5	7	8	10
31.25°	3	3	4	4	4	5	5	6	7	9	12
30°	3	4	4	4	5	5	6	7	8	12	15
28.75°	3	4	4	4	5	6	7	8	11	14	18
27.5°	4	4	4	5	5	6	7	9	13	17	23
26.25°	4	4	4	5	6	7	8	12	16	21	27
25°	4	4	5	5	6	8	10	14	18	25	32
23.75°	4	4	5	6	7	8	12	16	22	29	36
22.5°	4	4	5	6	7	10	14	18	26	33	40
21.25°	4	5	5	7	8	12	16	22	29	37	44
20°	4	5	6	7	9	14	18	25	33	40	48
18.75°	4	5	6	8	11	15	21	28	36	44	52
17.5°	5	5	7	8	12	17	24	31	39	47	56
16.25°	5	6	7	9	14	18	26	34	42	50	60
15°	5	6	7	10	15	21	29	37	45	54	64
13.75°	5	6	8	12	16	23	31	39	48	57	67
12.5°	5	7	8	13	18	25	33	42	50	60	71
11.25°	6	7	9	14	19	27	35	44	53	63	74
10°	6	7	10	15	20	29	37	46	55	66	76
8.75°	6	7	11	15	22	30	39	48	57	68	79
7.5°	6	8	11	16	23	32	40	49	59	70	82
6.25°	6	8	12	17	24	33	42	50	61	72	84
5°	6	8	12	17	25	34	43	51	62	73	85
3.75°	7	8	13	18	26	34	43	52	63	74	86
2.5°	7	8	13	18	26	35	44	53	64	75	87
1.25°	7	8	13	18	27	35	44	53	64	76	88
0°	7	8	13	18	27	35	44	53	65	76	88
-1.25°	7	8	13	18	27	35	44	53	64	76	88
-2.5°	7	8	13	18	26	35	44	53	64	75	87
-3.75°	7	8	13	18	26	34	43	52	63	74	86
-5°	6	8	12	17	25	34	43	51	62	73	85
-6.25°	6	8	12	17	24	33	42	50	61	72	84
-7.5°	6	8	11	16	23	32	40	49	59	70	82
-8.75°	6	7	11	15	22	30	39	48	57	68	79
-10°	6	7	10	15	20	29	37	46	55	66	76
-11.25°	6	7	9	14	19	27	35	44	53	63	74
-12.5°	5	7	8	13	18	25	33	42	50	60	71
-13.75°	5	6	8	12	16	23	31	39	48	57	67
-15°	5	6	7	10	15	21	29	37	45	54	64
-16.25°	5	6	7	9	14	18	26	34	42	50	60
-17.5°	5	5	7	8	12	17	24	31	39	47	56
-18.75°	4	5	6	8	11	15	21	28	36	44	52
-20°	4	5	6	7	9	14	18	25	33	40	48
-21.25°	4	5	5	7	8	12	16	22	29	37	44



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	4	4	5	6	7	10	14	18	26	33	40
-23.75°	4	4	5	6	7	8	12	16	22	29	36
-25°	4	4	5	5	6	8	10	14	18	25	32
-26.25°	4	4	4	5	6	7	8	12	16	21	27
-27.5°	4	4	4	5	5	6	7	9	13	17	23
-28.75°	3	4	4	4	5	6	7	8	11	14	18
-30°	3	4	4	4	5	5	6	7	8	12	15
-31.25°	3	3	4	4	4	5	5	6	7	9	12
-32.5°	3	3	4	4	4	4	5	5	7	8	10
-33.75°	3	3	3	4	4	4	5	5	6	7	8
-35°	3	3	3	3	4	4	4	5	5	6	7
-36.25°	3	3	3	3	4	4	4	4	5	5	6
-37.5°	3	3	3	3	3	4	4	4	4	5	5
-38.75°	3	3	3	3	3	3	4	4	4	4	5
-40°	3	3	3	3	3	3	3	4	4	4	4
-41.25°	2	3	3	3	3	3	3	3	4	4	4
-42.5°	2	3	3	3	3	3	3	3	3	4	4
-43.75°	2	2	3	3	3	3	3	3	3	3	4
-45°	2	2	2	3	3	3	3	3	3	3	3
-46.25°	2	2	2	2	3	3	3	3	3	3	3
-47.5°	2	2	2	2	2	3	3	3	3	3	3
-48.75°	1	2	2	2	2	2	2	3	3	3	3
-50°	1	1	2	2	2	2	2	2	3	3	3
-51.25°	1	1	1	2	2	2	2	2	2	3	3
-52.5°	1	1	1	1	1	2	2	2	2	2	2
-53.75°	1	1	1	1	1	1	2	2	2	2	2
-55°	1	1	1	1	1	1	1	1	2	2	2
-56.25°	1	1	1	1	1	1	1	1	1	1	2
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-58.75°	0	1	1	1	1	1	1	1	1	1	1
-60°	0	0	0	1	1	1	1	1	1	1	1
-61.25°	0	0	0	0	1	1	1	1	1	1	1
-62.5°	0	0	0	0	0	0	1	1	1	1	1
-63.75°	0	0	0	0	0	0	0	0	0	1	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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-35°	-33.75°	-32.5°	-31.25°	-30°	-28.75°	-27.5°	-26.25°	-25°	-23.75°	-22.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
71.25°	0	0	0	0	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	1	1	1
66.25°	0	0	0	0	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	1	1
61.25°	1	1	1	1	1	1	1	1	1	1	2
60°	1	1	1	1	1	1	2	2	2	2	2
58.75°	1	1	1	2	2	2	2	2	2	2	2
57.5°	1	2	2	2	2	2	2	2	2	2	3
56.25°	2	2	2	2	2	2	2	3	3	3	3
55°	2	2	2	2	3	3	3	3	3	3	3
53.75°	2	2	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	3	3	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	4	4	4
48.75°	3	3	3	3	3	3	4	4	4	4	4
47.5°	3	3	3	3	4	4	4	4	4	4	4
46.25°	3	3	4	4	4	4	4	4	5	5	5
45°	3	4	4	4	4	4	5	5	5	6	6
43.75°	4	4	4	4	5	5	5	6	6	7	7
42.5°	4	4	4	5	5	6	6	7	8	8	10
41.25°	4	5	5	5	6	7	7	8	10	12	14
40°	5	5	5	6	7	8	9	12	14	16	18
38.75°	5	6	7	7	8	11	13	16	18	22	26
37.5°	6	7	8	9	12	14	17	21	25	29	33
36.25°	7	8	10	12	15	18	23	27	32	36	40
35°	8	10	13	16	19	24	29	34	38	43	47



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	47	55	64	73	82	92	101	113	124	135	148
-23.75°	43	50	58	67	75	84	93	103	114	125	135
-25°	38	45	52	60	69	77	86	94	103	114	124
-26.25°	34	40	47	54	62	70	78	86	94	103	113
-27.5°	29	35	42	48	55	63	70	78	86	93	101
-28.75°	24	30	37	43	49	55	63	70	77	84	92
-30°	19	25	31	37	43	49	55	62	69	75	82
-31.25°	16	20	26	32	37	43	48	54	60	67	73
-32.5°	13	16	20	26	31	37	42	47	52	58	64
-33.75°	10	13	16	20	25	30	35	40	45	50	55
-35°	8	10	13	16	19	24	29	34	38	43	47
-36.25°	7	8	10	12	15	18	23	27	32	36	40
-37.5°	6	7	8	9	12	14	17	21	25	29	33
-38.75°	5	6	7	7	8	11	13	16	18	22	26
-40°	5	5	5	6	7	8	9	12	14	16	18
-41.25°	4	5	5	5	6	7	7	8	10	12	14
-42.5°	4	4	4	5	5	6	6	7	8	8	10
-43.75°	4	4	4	4	5	5	5	6	6	7	7
-45°	3	4	4	4	4	4	5	5	5	6	6
-46.25°	3	3	4	4	4	4	4	4	5	5	5
-47.5°	3	3	3	3	4	4	4	4	4	4	4
-48.75°	3	3	3	3	3	3	4	4	4	4	4
-50°	3	3	3	3	3	3	3	3	4	4	4
-51.25°	3	3	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	2	2	3	3	3	3	3	3	3	3	3
-55°	2	2	2	2	3	3	3	3	3	3	3
-56.25°	2	2	2	2	2	2	2	3	3	3	3
-57.5°	1	2	2	2	2	2	2	2	2	2	3
-58.75°	1	1	1	2	2	2	2	2	2	2	2
-60°	1	1	1	1	1	1	2	2	2	2	2
-61.25°	1	1	1	1	1	1	1	1	1	1	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°	0	1	1	1	1	1	1	1	1	1	1
-66.25°	0	0	0	0	1	1	1	1	1	1	1
-67.5°	0	0	0	0	0	0	0	0	1	1	1
-68.75°	0	0	0	0	0	0	0	0	0	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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-21.25°	-20°	-18.75°	-17.5°	-16.25°	-15°	-13.75°	-12.5°	-11.25°	-10°	-8.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	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	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	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	3	3	3	3	3	3	3
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	3	3	3	3	3	3	3	3	3	4	4
52.5°	3	3	3	3	4	4	4	4	4	4	4
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	5	5	5	5
48.75°	4	4	4	5	5	5	5	5	6	6	6
47.5°	5	5	5	5	6	6	6	7	7	7	7
46.25°	5	6	6	7	7	7	8	8	9	10	11
45°	7	7	8	8	9	10	12	13	14	15	15
43.75°	8	9	11	12	14	15	16	18	19	20	22
42.5°	12	14	15	17	18	21	23	25	27	29	30
41.25°	16	18	21	24	26	29	31	33	35	37	39
40°	22	25	28	31	34	37	39	42	44	46	48
38.75°	29	33	36	39	42	45	48	50	53	55	57
37.5°	37	40	44	47	50	54	57	60	63	66	68
36.25°	44	48	52	56	60	64	67	71	74	76	79
35°	52	56	61	66	70	74	78	82	85	88	91



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	60	66	71	75	80	85	89	93	97	100	104
32.5°	70	75	81	86	91	96	101	106	111	115	119
31.25°	79	85	91	97	103	109	115	120	125	130	134
30°	89	95	102	109	116	123	129	135	141	147	151
28.75°	99	107	115	122	130	137	145	151	158	163	169
27.5°	110	119	127	136	145	153	160	168	175	182	190
26.25°	122	131	141	151	160	168	177	187	200	212	230
25°	134	145	155	165	175	187	202	221	244	268	293
23.75°	147	158	169	181	197	217	245	276	309	341	370
22.5°	160	172	185	204	233	267	306	346	384	421	454
21.25°	173	188	209	244	286	330	376	422	464	501	535
20°	188	211	249	297	348	399	450	497	539	576	605
18.75°	209	249	301	356	413	469	521	566	605	634	654
17.5°	244	297	356	418	479	535	585	623	651	670	687
16.25°	286	348	413	479	540	594	634	661	682	701	718
15°	330	399	469	535	594	637	665	689	710	730	748
13.75°	376	450	521	585	634	665	691	715	738	759	779
12.5°	422	497	566	623	661	689	715	740	764	788	808
11.25°	464	539	605	651	682	710	738	764	790	814	838
10°	501	576	634	670	701	730	759	788	814	841	870
8.75°	535	605	654	687	718	748	779	808	838	870	900
7.5°	562	627	668	701	733	765	797	828	862	896	927
6.25°	586	645	680	714	747	780	812	846	883	919	950
5°	603	655	690	724	758	792	826	863	902	938	969
3.75°	614	663	698	732	767	801	837	877	916	952	983
2.5°	623	668	703	738	774	808	845	887	927	963	993
1.25°	628	672	707	742	778	813	851	893	933	969	999
0°	630	673	708	743	779	814	853	895	935	971	1001
-1.25°	628	672	707	742	778	813	851	893	933	969	999
-2.5°	623	668	703	738	774	808	845	887	927	963	993
-3.75°	614	663	698	732	767	801	837	877	916	952	983
-5°	603	655	690	724	758	792	826	863	902	938	969
-6.25°	586	645	680	714	747	780	812	846	883	919	950
-7.5°	562	627	668	701	733	765	797	828	862	896	927
-8.75°	535	605	654	687	718	748	779	808	838	870	900
-10°	501	576	634	670	701	730	759	788	814	841	870
-11.25°	464	539	605	651	682	710	738	764	790	814	838
-12.5°	422	497	566	623	661	689	715	740	764	788	808
-13.75°	376	450	521	585	634	665	691	715	738	759	779
-15°	330	399	469	535	594	637	665	689	710	730	748
-16.25°	286	348	413	479	540	594	634	661	682	701	718
-17.5°	244	297	356	418	479	535	585	623	651	670	687
-18.75°	209	249	301	356	413	469	521	566	605	634	654
-20°	188	211	249	297	348	399	450	497	539	576	605
-21.25°	173	188	209	244	286	330	376	422	464	501	535



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	160	172	185	204	233	267	306	346	384	421	454
-23.75°	147	158	169	181	197	217	245	276	309	341	370
-25°	134	145	155	165	175	187	202	221	244	268	293
-26.25°	122	131	141	151	160	168	177	187	200	212	230
-27.5°	110	119	127	136	145	153	160	168	175	182	190
-28.75°	99	107	115	122	130	137	145	151	158	163	169
-30°	89	95	102	109	116	123	129	135	141	147	151
-31.25°	79	85	91	97	103	109	115	120	125	130	134
-32.5°	70	75	81	86	91	96	101	106	111	115	119
-33.75°	60	66	71	75	80	85	89	93	97	100	104
-35°	52	56	61	66	70	74	78	82	85	88	91
-36.25°	44	48	52	56	60	64	67	71	74	76	79
-37.5°	37	40	44	47	50	54	57	60	63	66	68
-38.75°	29	33	36	39	42	45	48	50	53	55	57
-40°	22	25	28	31	34	37	39	42	44	46	48
-41.25°	16	18	21	24	26	29	31	33	35	37	39
-42.5°	12	14	15	17	18	21	23	25	27	29	30
-43.75°	8	9	11	12	14	15	16	18	19	20	22
-45°	7	7	8	8	9	10	12	13	14	15	15
-46.25°	5	6	6	7	7	7	8	8	9	10	11
-47.5°	5	5	5	5	6	6	6	7	7	7	7
-48.75°	4	4	4	5	5	5	5	5	6	6	6
-50°	4	4	4	4	4	4	4	5	5	5	5
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	3	3	3	3	4	4	4	4	4	4	4
-53.75°	3	3	3	3	3	3	3	3	3	4	4
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	2	2	2	2	3	3	3	3	3	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	1	1	1	2	2	2	2	2	2	2
-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°	0	0	0	0	1	1	1	1	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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	-7.5°	-6.25°	-5°	-3.75°	-2.5°	-1.25°	0°	1.25°	2.5°	3.75°	5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	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°	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	2	1	1	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	3	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	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	4	4	4	4	4	4	4	4	4	4	4
52.5°	4	4	4	4	4	4	4	4	4	4	4
51.25°	4	4	4	4	5	5	5	5	5	4	4
50°	5	5	5	5	5	5	5	5	5	5	5
48.75°	6	6	6	7	7	7	7	7	7	7	6
47.5°	8	8	8	8	8	8	8	8	8	8	8
46.25°	11	12	12	13	13	13	13	13	13	13	12
45°	16	17	17	18	18	18	18	18	18	18	17
43.75°	23	24	25	26	26	27	27	27	26	26	25
42.5°	32	33	34	34	35	35	35	35	35	34	34
41.25°	40	42	43	43	44	44	44	44	44	43	43
40°	49	50	51	52	53	53	53	53	53	52	51
38.75°	59	61	62	63	64	64	65	64	64	63	62
37.5°	70	72	73	74	75	76	76	76	75	74	73
36.25°	82	84	85	86	87	88	88	88	87	86	85
35°	94	96	98	99	100	100	101	100	100	99	98



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	107	110	112	114	115	116	116	116	115	114	112
32.5°	122	125	128	130	131	132	132	132	131	130	128
31.25°	138	142	145	147	149	150	150	150	149	147	145
30°	156	159	162	165	166	167	168	167	166	165	162
28.75°	174	178	182	185	188	190	191	190	188	185	182
27.5°	199	206	214	223	228	232	233	232	228	223	214
26.25°	246	260	275	287	295	300	302	300	295	287	275
25°	315	336	354	368	378	384	386	384	378	368	354
23.75°	397	421	441	456	467	474	476	474	467	456	441
22.5°	483	507	527	542	552	559	561	559	552	542	527
21.25°	562	586	603	614	623	628	630	628	623	614	603
20°	627	645	655	663	668	672	673	672	668	663	655
18.75°	668	680	690	698	703	707	708	707	703	698	690
17.5°	701	714	724	732	738	742	743	742	738	732	724
16.25°	733	747	758	767	774	778	779	778	774	767	758
15°	765	780	792	801	808	813	814	813	808	801	792
13.75°	797	812	826	837	845	851	853	851	845	837	826
12.5°	828	846	863	877	887	893	895	893	887	877	863
11.25°	862	883	902	916	927	933	935	933	927	916	902
10°	896	919	938	952	963	969	971	969	963	952	938
8.75°	927	950	969	983	993	999	1001	999	993	983	969
7.5°	955	977	996	1009	1019	1024	1026	1024	1019	1009	996
6.25°	977	1000	1018	1030	1037	1041	1043	1041	1037	1030	1018
5°	996	1018	1033	1043	1047	1050	1050	1050	1047	1043	1033
3.75°	1009	1030	1043	1049	1051	1052	1051	1052	1051	1049	1043
2.5°	1019	1037	1047	1051	1051	1049	1049	1049	1051	1051	1047
1.25°	1024	1041	1050	1052	1049	1047	1047	1047	1049	1052	1050
0°	1026	1043	1050	1051	1049	1047	1050	1047	1049	1051	1050
-1.25°	1024	1041	1050	1052	1049	1047	1047	1047	1049	1052	1050
-2.5°	1019	1037	1047	1051	1051	1049	1049	1049	1051	1051	1047
-3.75°	1009	1030	1043	1049	1051	1052	1051	1052	1051	1049	1043
-5°	996	1018	1033	1043	1047	1050	1050	1050	1047	1043	1033
-6.25°	977	1000	1018	1030	1037	1041	1043	1041	1037	1030	1018
-7.5°	955	977	996	1009	1019	1024	1026	1024	1019	1009	996
-8.75°	927	950	969	983	993	999	1001	999	993	983	969
-10°	896	919	938	952	963	969	971	969	963	952	938
-11.25°	862	883	902	916	927	933	935	933	927	916	902
-12.5°	828	846	863	877	887	893	895	893	887	877	863
-13.75°	797	812	826	837	845	851	853	851	845	837	826
-15°	765	780	792	801	808	813	814	813	808	801	792
-16.25°	733	747	758	767	774	778	779	778	774	767	758
-17.5°	701	714	724	732	738	742	743	742	738	732	724
-18.75°	668	680	690	698	703	707	708	707	703	698	690
-20°	627	645	655	663	668	672	673	672	668	663	655
-21.25°	562	586	603	614	623	628	630	628	623	614	603



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	483	507	527	542	552	559	561	559	552	542	527
-23.75°	397	421	441	456	467	474	476	474	467	456	441
-25°	315	336	354	368	378	384	386	384	378	368	354
-26.25°	246	260	275	287	295	300	302	300	295	287	275
-27.5°	199	206	214	223	228	232	233	232	228	223	214
-28.75°	174	178	182	185	188	190	191	190	188	185	182
-30°	156	159	162	165	166	167	168	167	166	165	162
-31.25°	138	142	145	147	149	150	150	150	149	147	145
-32.5°	122	125	128	130	131	132	132	132	131	130	128
-33.75°	107	110	112	114	115	116	116	116	115	114	112
-35°	94	96	98	99	100	100	101	100	100	99	98
-36.25°	82	84	85	86	87	88	88	88	87	86	85
-37.5°	70	72	73	74	75	76	76	76	75	74	73
-38.75°	59	61	62	63	64	64	65	64	64	63	62
-40°	49	50	51	52	53	53	53	53	53	52	51
-41.25°	40	42	43	43	44	44	44	44	44	43	43
-42.5°	32	33	34	34	35	35	35	35	35	34	34
-43.75°	23	24	25	26	26	27	27	27	26	26	25
-45°	16	17	17	18	18	18	18	18	18	18	17
-46.25°	11	12	12	13	13	13	13	13	13	13	12
-47.5°	8	8	8	8	8	8	8	8	8	8	8
-48.75°	6	6	6	7	7	7	7	7	7	7	6
-50°	5	5	5	5	5	5	5	5	5	5	5
-51.25°	4	4	4	4	5	5	5	5	5	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-53.75°	4	4	4	4	4	4	4	4	4	4	4
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	3	3
-60°	2	3	3	3	3	3	3	3	3	3	3
-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°	1	1	1	1	1	1	2	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°	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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	6.25°	7.5°	8.75°	10°	11.25°	12.5°	13.75°	15°	16.25°	17.5°	18.75°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	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°	1	1	1	1	1	1	1	1	1	0	0
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	2	2	2	2	2	2	2	2	1	1
61.25°	2	2	2	2	2	2	2	2	2	2	2
60°	3	2	2	2	2	2	2	2	2	2	2
58.75°	3	3	3	3	3	3	3	3	3	2	2
57.5°	3	3	3	3	3	3	3	3	3	3	3
56.25°	3	3	3	3	3	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
53.75°	4	4	4	4	3	3	3	3	3	3	3
52.5°	4	4	4	4	4	4	4	4	4	3	3
51.25°	4	4	4	4	4	4	4	4	4	4	4
50°	5	5	5	5	5	5	4	4	4	4	4
48.75°	6	6	6	6	6	5	5	5	5	5	4
47.5°	8	8	7	7	7	7	6	6	6	5	5
46.25°	12	11	11	10	9	8	8	7	7	7	6
45°	17	16	15	15	14	13	12	10	9	8	8
43.75°	24	23	22	20	19	18	16	15	14	12	11
42.5°	33	32	30	29	27	25	23	21	18	17	15
41.25°	42	40	39	37	35	33	31	29	26	24	21
40°	50	49	48	46	44	42	39	37	34	31	28
38.75°	61	59	57	55	53	50	48	45	42	39	36
37.5°	72	70	68	66	63	60	57	54	50	47	44
36.25°	84	82	79	76	74	71	67	64	60	56	52
35°	96	94	91	88	85	82	78	74	70	66	61



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	110	107	104	100	97	93	89	85	80	75	71
32.5°	125	122	119	115	111	106	101	96	91	86	81
31.25°	142	138	134	130	125	120	115	109	103	97	91
30°	159	156	151	147	141	135	129	123	116	109	102
28.75°	178	174	169	163	158	151	145	137	130	122	115
27.5°	206	199	190	182	175	168	160	153	145	136	127
26.25°	260	246	230	212	200	187	177	168	160	151	141
25°	336	315	293	268	244	221	202	187	175	165	155
23.75°	421	397	370	341	309	276	245	217	197	181	169
22.5°	507	483	454	421	384	346	306	267	233	204	185
21.25°	586	562	535	501	464	422	376	330	286	244	209
20°	645	627	605	576	539	497	450	399	348	297	249
18.75°	680	668	654	634	605	566	521	469	413	356	301
17.5°	714	701	687	670	651	623	585	535	479	418	356
16.25°	747	733	718	701	682	661	634	594	540	479	413
15°	780	765	748	730	710	689	665	637	594	535	469
13.75°	812	797	779	759	738	715	691	665	634	585	521
12.5°	846	828	808	788	764	740	715	689	661	623	566
11.25°	883	862	838	814	790	764	738	710	682	651	605
10°	919	896	870	841	814	788	759	730	701	670	634
8.75°	950	927	900	870	838	808	779	748	718	687	654
7.5°	977	955	927	896	862	828	797	765	733	701	668
6.25°	1000	977	950	919	883	846	812	780	747	714	680
5°	1018	996	969	938	902	863	826	792	758	724	690
3.75°	1030	1009	983	952	916	877	837	801	767	732	698
2.5°	1037	1019	993	963	927	887	845	808	774	738	703
1.25°	1041	1024	999	969	933	893	851	813	778	742	707
0°	1043	1026	1001	971	935	895	853	814	779	743	708
-1.25°	1041	1024	999	969	933	893	851	813	778	742	707
-2.5°	1037	1019	993	963	927	887	845	808	774	738	703
-3.75°	1030	1009	983	952	916	877	837	801	767	732	698
-5°	1018	996	969	938	902	863	826	792	758	724	690
-6.25°	1000	977	950	919	883	846	812	780	747	714	680
-7.5°	977	955	927	896	862	828	797	765	733	701	668
-8.75°	950	927	900	870	838	808	779	748	718	687	654
-10°	919	896	870	841	814	788	759	730	701	670	634
-11.25°	883	862	838	814	790	764	738	710	682	651	605
-12.5°	846	828	808	788	764	740	715	689	661	623	566
-13.75°	812	797	779	759	738	715	691	665	634	585	521
-15°	780	765	748	730	710	689	665	637	594	535	469
-16.25°	747	733	718	701	682	661	634	594	540	479	413
-17.5°	714	701	687	670	651	623	585	535	479	418	356
-18.75°	680	668	654	634	605	566	521	469	413	356	301
-20°	645	627	605	576	539	497	450	399	348	297	249
-21.25°	586	562	535	501	464	422	376	330	286	244	209



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	507	483	454	421	384	346	306	267	233	204	185
-23.75°	421	397	370	341	309	276	245	217	197	181	169
-25°	336	315	293	268	244	221	202	187	175	165	155
-26.25°	260	246	230	212	200	187	177	168	160	151	141
-27.5°	206	199	190	182	175	168	160	153	145	136	127
-28.75°	178	174	169	163	158	151	145	137	130	122	115
-30°	159	156	151	147	141	135	129	123	116	109	102
-31.25°	142	138	134	130	125	120	115	109	103	97	91
-32.5°	125	122	119	115	111	106	101	96	91	86	81
-33.75°	110	107	104	100	97	93	89	85	80	75	71
-35°	96	94	91	88	85	82	78	74	70	66	61
-36.25°	84	82	79	76	74	71	67	64	60	56	52
-37.5°	72	70	68	66	63	60	57	54	50	47	44
-38.75°	61	59	57	55	53	50	48	45	42	39	36
-40°	50	49	48	46	44	42	39	37	34	31	28
-41.25°	42	40	39	37	35	33	31	29	26	24	21
-42.5°	33	32	30	29	27	25	23	21	18	17	15
-43.75°	24	23	22	20	19	18	16	15	14	12	11
-45°	17	16	15	15	14	13	12	10	9	8	8
-46.25°	12	11	11	10	9	8	8	7	7	7	6
-47.5°	8	8	7	7	7	7	6	6	6	5	5
-48.75°	6	6	6	6	6	5	5	5	5	5	4
-50°	5	5	5	5	5	5	4	4	4	4	4
-51.25°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	3	3
-53.75°	4	4	4	4	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-56.25°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	3
-58.75°	3	3	3	3	3	3	3	3	3	2	2
-60°	3	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	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	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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

	20°	21.25°	22.5°	23.75°	25°	26.25°	27.5°	28.75°	30°	31.25°	32.5°
90°	0	0	0	0	0	0	0	0	0	0	0
88.75°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
86.25°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
83.75°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
81.25°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
78.75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
76.25°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
73.75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	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°	1	1	1	1	1	0	0	0	0	0	0
66.25°	1	1	1	1	1	1	1	1	1	0	0
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°	2	2	2	1	1	1	1	1	1	1	1
60°	2	2	2	2	2	2	2	1	1	1	1
58.75°	2	2	2	2	2	2	2	2	2	2	1
57.5°	3	3	3	2	2	2	2	2	2	2	2
56.25°	3	3	3	3	3	3	2	2	2	2	2
55°	3	3	3	3	3	3	3	3	3	2	2
53.75°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
51.25°	4	4	3	3	3	3	3	3	3	3	3
50°	4	4	4	4	4	3	3	3	3	3	3
48.75°	4	4	4	4	4	4	4	3	3	3	3
47.5°	5	5	4	4	4	4	4	4	4	3	3
46.25°	6	5	5	5	5	4	4	4	4	4	4
45°	7	7	6	6	5	5	5	4	4	4	4
43.75°	9	8	7	7	6	6	5	5	5	4	4
42.5°	14	12	10	8	8	7	6	6	5	5	4
41.25°	18	16	14	12	10	8	7	7	6	5	5
40°	25	22	18	16	14	12	9	8	7	6	5
38.75°	33	29	26	22	18	16	13	11	8	7	7
37.5°	40	37	33	29	25	21	17	14	12	9	8
36.25°	48	44	40	36	32	27	23	18	15	12	10
35°	56	52	47	43	38	34	29	24	19	16	13



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	66	60	55	50	45	40	35	30	25	20	16
32.5°	75	70	64	58	52	47	42	37	31	26	20
31.25°	85	79	73	67	60	54	48	43	37	32	26
30°	95	89	82	75	69	62	55	49	43	37	31
28.75°	107	99	92	84	77	70	63	55	49	43	37
27.5°	119	110	101	93	86	78	70	63	55	48	42
26.25°	131	122	113	103	94	86	78	70	62	54	47
25°	145	134	124	114	103	94	86	77	69	60	52
23.75°	158	147	135	125	114	103	93	84	75	67	58
22.5°	172	160	148	135	124	113	101	92	82	73	64
21.25°	188	173	160	147	134	122	110	99	89	79	70
20°	211	188	172	158	145	131	119	107	95	85	75
18.75°	249	209	185	169	155	141	127	115	102	91	81
17.5°	297	244	204	181	165	151	136	122	109	97	86
16.25°	348	286	233	197	175	160	145	130	116	103	91
15°	399	330	267	217	187	168	153	137	123	109	96
13.75°	450	376	306	245	202	177	160	145	129	115	101
12.5°	497	422	346	276	221	187	168	151	135	120	106
11.25°	539	464	384	309	244	200	175	158	141	125	111
10°	576	501	421	341	268	212	182	163	147	130	115
8.75°	605	535	454	370	293	230	190	169	151	134	119
7.5°	627	562	483	397	315	246	199	174	156	138	122
6.25°	645	586	507	421	336	260	206	178	159	142	125
5°	655	603	527	441	354	275	214	182	162	145	128
3.75°	663	614	542	456	368	287	223	185	165	147	130
2.5°	668	623	552	467	378	295	228	188	166	149	131
1.25°	672	628	559	474	384	300	232	190	167	150	132
0°	673	630	561	476	386	302	233	191	168	150	132
-1.25°	672	628	559	474	384	300	232	190	167	150	132
-2.5°	668	623	552	467	378	295	228	188	166	149	131
-3.75°	663	614	542	456	368	287	223	185	165	147	130
-5°	655	603	527	441	354	275	214	182	162	145	128
-6.25°	645	586	507	421	336	260	206	178	159	142	125
-7.5°	627	562	483	397	315	246	199	174	156	138	122
-8.75°	605	535	454	370	293	230	190	169	151	134	119
-10°	576	501	421	341	268	212	182	163	147	130	115
-11.25°	539	464	384	309	244	200	175	158	141	125	111
-12.5°	497	422	346	276	221	187	168	151	135	120	106
-13.75°	450	376	306	245	202	177	160	145	129	115	101
-15°	399	330	267	217	187	168	153	137	123	109	96
-16.25°	348	286	233	197	175	160	145	130	116	103	91
-17.5°	297	244	204	181	165	151	136	122	109	97	86
-18.75°	249	209	185	169	155	141	127	115	102	91	81
-20°	211	188	172	158	145	131	119	107	95	85	75
-21.25°	188	173	160	147	134	122	110	99	89	79	70



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	172	160	148	135	124	113	101	92	82	73	64
-23.75°	158	147	135	125	114	103	93	84	75	67	58
-25°	145	134	124	114	103	94	86	77	69	60	52
-26.25°	131	122	113	103	94	86	78	70	62	54	47
-27.5°	119	110	101	93	86	78	70	63	55	48	42
-28.75°	107	99	92	84	77	70	63	55	49	43	37
-30°	95	89	82	75	69	62	55	49	43	37	31
-31.25°	85	79	73	67	60	54	48	43	37	32	26
-32.5°	75	70	64	58	52	47	42	37	31	26	20
-33.75°	66	60	55	50	45	40	35	30	25	20	16
-35°	56	52	47	43	38	34	29	24	19	16	13
-36.25°	48	44	40	36	32	27	23	18	15	12	10
-37.5°	40	37	33	29	25	21	17	14	12	9	8
-38.75°	33	29	26	22	18	16	13	11	8	7	7
-40°	25	22	18	16	14	12	9	8	7	6	5
-41.25°	18	16	14	12	10	8	7	7	6	5	5
-42.5°	14	12	10	8	8	7	6	6	5	5	4
-43.75°	9	8	7	7	6	6	5	5	5	4	4
-45°	7	7	6	6	5	5	5	4	4	4	4
-46.25°	6	5	5	5	5	4	4	4	4	4	4
-47.5°	5	5	4	4	4	4	4	4	4	3	3
-48.75°	4	4	4	4	4	4	4	3	3	3	3
-50°	4	4	4	4	4	3	3	3	3	3	3
-51.25°	4	4	3	3	3	3	3	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-53.75°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	2	2
-56.25°	3	3	3	3	3	3	2	2	2	2	2
-57.5°	3	3	3	2	2	2	2	2	2	2	2
-58.75°	2	2	2	2	2	2	2	2	2	2	1
-60°	2	2	2	2	2	2	2	1	1	1	1
-61.25°	2	2	2	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-63.75°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-66.25°	1	1	1	1	1	1	1	1	1	0	0
-67.5°	1	1	1	1	1	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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	13	10	8	7	6	5	5	4	4	4	3
32.5°	16	13	10	8	7	5	5	4	4	4	4
31.25°	20	16	12	9	7	6	5	5	4	4	4
30°	25	19	15	12	8	7	6	5	5	4	4
28.75°	30	24	18	14	11	8	7	6	5	4	4
27.5°	35	29	23	17	13	9	7	6	5	5	4
26.25°	40	34	27	21	16	12	8	7	6	5	4
25°	45	38	32	25	18	14	10	8	6	5	5
23.75°	50	43	36	29	22	16	12	8	7	6	5
22.5°	55	47	40	33	26	18	14	10	7	6	5
21.25°	60	52	44	37	29	22	16	12	8	7	5
20°	66	56	48	40	33	25	18	14	9	7	6
18.75°	71	61	52	44	36	28	21	15	11	8	6
17.5°	75	66	56	47	39	31	24	17	12	8	7
16.25°	80	70	60	50	42	34	26	18	14	9	7
15°	85	74	64	54	45	37	29	21	15	10	7
13.75°	89	78	67	57	48	39	31	23	16	12	8
12.5°	93	82	71	60	50	42	33	25	18	13	8
11.25°	97	85	74	63	53	44	35	27	19	14	9
10°	100	88	76	66	55	46	37	29	20	15	10
8.75°	104	91	79	68	57	48	39	30	22	15	11
7.5°	107	94	82	70	59	49	40	32	23	16	11
6.25°	110	96	84	72	61	50	42	33	24	17	12
5°	112	98	85	73	62	51	43	34	25	17	12
3.75°	114	99	86	74	63	52	43	34	26	18	13
2.5°	115	100	87	75	64	53	44	35	26	18	13
1.25°	116	100	88	76	64	53	44	35	27	18	13
0°	116	101	88	76	65	53	44	35	27	18	13
-1.25°	116	100	88	76	64	53	44	35	27	18	13
-2.5°	115	100	87	75	64	53	44	35	26	18	13
-3.75°	114	99	86	74	63	52	43	34	26	18	13
-5°	112	98	85	73	62	51	43	34	25	17	12
-6.25°	110	96	84	72	61	50	42	33	24	17	12
-7.5°	107	94	82	70	59	49	40	32	23	16	11
-8.75°	104	91	79	68	57	48	39	30	22	15	11
-10°	100	88	76	66	55	46	37	29	20	15	10
-11.25°	97	85	74	63	53	44	35	27	19	14	9
-12.5°	93	82	71	60	50	42	33	25	18	13	8
-13.75°	89	78	67	57	48	39	31	23	16	12	8
-15°	85	74	64	54	45	37	29	21	15	10	7
-16.25°	80	70	60	50	42	34	26	18	14	9	7
-17.5°	75	66	56	47	39	31	24	17	12	8	7
-18.75°	71	61	52	44	36	28	21	15	11	8	6
-20°	66	56	48	40	33	25	18	14	9	7	6
-21.25°	60	52	44	37	29	22	16	12	8	7	5



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	55	47	40	33	26	18	14	10	7	6	5
-23.75°	50	43	36	29	22	16	12	8	7	6	5
-25°	45	38	32	25	18	14	10	8	6	5	5
-26.25°	40	34	27	21	16	12	8	7	6	5	4
-27.5°	35	29	23	17	13	9	7	6	5	5	4
-28.75°	30	24	18	14	11	8	7	6	5	4	4
-30°	25	19	15	12	8	7	6	5	5	4	4
-31.25°	20	16	12	9	7	6	5	5	4	4	4
-32.5°	16	13	10	8	7	5	5	4	4	4	4
-33.75°	13	10	8	7	6	5	5	4	4	4	3
-35°	10	8	7	6	5	5	4	4	4	3	3
-36.25°	8	7	6	5	5	4	4	4	4	3	3
-37.5°	7	6	5	5	4	4	4	4	3	3	3
-38.75°	6	5	5	4	4	4	4	3	3	3	3
-40°	5	5	4	4	4	4	3	3	3	3	3
-41.25°	5	4	4	4	4	3	3	3	3	3	3
-42.5°	4	4	4	4	3	3	3	3	3	3	3
-43.75°	4	4	4	3	3	3	3	3	3	3	3
-45°	4	3	3	3	3	3	3	3	3	3	2
-46.25°	3	3	3	3	3	3	3	3	3	2	2
-47.5°	3	3	3	3	3	3	3	3	2	2	2
-48.75°	3	3	3	3	3	3	2	2	2	2	2
-50°	3	3	3	3	3	2	2	2	2	2	2
-51.25°	3	3	3	3	2	2	2	2	2	2	1
-52.5°	3	3	2	2	2	2	2	2	1	1	1
-53.75°	2	2	2	2	2	2	2	1	1	1	1
-55°	2	2	2	2	2	1	1	1	1	1	1
-56.25°	2	2	2	1	1	1	1	1	1	1	1
-57.5°	2	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	0
-61.25°	1	1	1	1	1	1	1	1	1	0	0
-62.5°	1	1	1	1	1	1	1	0	0	0	0
-63.75°	1	1	1	1	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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	3	3	3	3	3	2	2	2	2	1	1
32.5°	3	3	3	3	3	3	2	2	2	1	1
31.25°	3	3	3	3	3	3	2	2	2	2	1
30°	4	3	3	3	3	3	3	2	2	2	1
28.75°	4	3	3	3	3	3	3	2	2	2	1
27.5°	4	4	3	3	3	3	3	2	2	2	2
26.25°	4	4	3	3	3	3	3	3	2	2	2
25°	4	4	4	3	3	3	3	3	2	2	2
23.75°	4	4	4	3	3	3	3	3	2	2	2
22.5°	4	4	4	3	3	3	3	3	3	2	2
21.25°	5	4	4	4	3	3	3	3	3	2	2
20°	5	4	4	4	3	3	3	3	3	2	2
18.75°	5	4	4	4	3	3	3	3	3	2	2
17.5°	5	5	4	4	3	3	3	3	3	2	2
16.25°	6	5	4	4	4	3	3	3	3	3	2
15°	6	5	4	4	4	3	3	3	3	3	2
13.75°	6	5	4	4	4	3	3	3	3	3	2
12.5°	7	5	5	4	4	3	3	3	3	3	2
11.25°	7	6	5	4	4	3	3	3	3	3	2
10°	7	6	5	4	4	4	3	3	3	3	2
8.75°	7	6	5	4	4	4	3	3	3	3	2
7.5°	8	6	5	4	4	4	3	3	3	3	2
6.25°	8	6	5	4	4	4	3	3	3	3	3
5°	8	6	5	4	4	4	3	3	3	3	3
3.75°	8	7	5	4	4	4	3	3	3	3	3
2.5°	8	7	5	5	4	4	3	3	3	3	3
1.25°	8	7	5	5	4	4	3	3	3	3	3
0°	8	7	5	5	4	4	3	3	3	3	3
-1.25°	8	7	5	5	4	4	3	3	3	3	3
-2.5°	8	7	5	5	4	4	3	3	3	3	3
-3.75°	8	7	5	4	4	4	3	3	3	3	3
-5°	8	6	5	4	4	4	3	3	3	3	3
-6.25°	8	6	5	4	4	4	3	3	3	3	3
-7.5°	8	6	5	4	4	4	3	3	3	3	2
-8.75°	7	6	5	4	4	4	3	3	3	3	2
-10°	7	6	5	4	4	4	3	3	3	3	2
-11.25°	7	6	5	4	4	3	3	3	3	3	2
-12.5°	7	5	5	4	4	3	3	3	3	3	2
-13.75°	6	5	4	4	4	3	3	3	3	3	2
-15°	6	5	4	4	4	3	3	3	3	3	2
-16.25°	6	5	4	4	4	3	3	3	3	3	2
-17.5°	5	5	4	4	3	3	3	3	3	2	2
-18.75°	5	4	4	4	3	3	3	3	3	2	2
-20°	5	4	4	4	3	3	3	3	3	2	2
-21.25°	5	4	4	4	3	3	3	3	3	2	2



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	4	4	4	3	3	3	3	3	3	2	2
-23.75°	4	4	4	3	3	3	3	3	2	2	2
-25°	4	4	4	3	3	3	3	3	2	2	2
-26.25°	4	4	3	3	3	3	3	3	2	2	2
-27.5°	4	4	3	3	3	3	3	2	2	2	2
-28.75°	4	3	3	3	3	3	3	2	2	2	1
-30°	4	3	3	3	3	3	3	2	2	2	1
-31.25°	3	3	3	3	3	3	2	2	2	2	1
-32.5°	3	3	3	3	3	3	2	2	2	1	1
-33.75°	3	3	3	3	3	2	2	2	2	1	1
-35°	3	3	3	3	3	2	2	2	1	1	1
-36.25°	3	3	3	3	2	2	2	2	1	1	1
-37.5°	3	3	3	3	2	2	2	1	1	1	1
-38.75°	3	3	3	2	2	2	2	1	1	1	1
-40°	3	3	2	2	2	2	1	1	1	1	1
-41.25°	3	2	2	2	2	2	1	1	1	1	1
-42.5°	3	2	2	2	2	1	1	1	1	1	1
-43.75°	2	2	2	2	1	1	1	1	1	1	1
-45°	2	2	2	2	1	1	1	1	1	1	1
-46.25°	2	2	2	1	1	1	1	1	1	1	0
-47.5°	2	2	1	1	1	1	1	1	1	1	0
-48.75°	2	1	1	1	1	1	1	1	1	0	0
-50°	1	1	1	1	1	1	1	1	0	0	0
-51.25°	1	1	1	1	1	1	1	1	0	0	0
-52.5°	1	1	1	1	1	1	1	0	0	0	0
-53.75°	1	1	1	1	1	1	0	0	0	0	0
-55°	1	1	1	1	1	0	0	0	0	0	0
-56.25°	1	1	1	1	0	0	0	0	0	0	0
-57.5°	1	1	0	0	0	0	0	0	0	0	0
-58.75°	1	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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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°	1	1	1	1	0	0	0	0	0	0	0
32.5°	1	1	1	1	0	0	0	0	0	0	0
31.25°	1	1	1	1	0	0	0	0	0	0	0
30°	1	1	1	1	1	0	0	0	0	0	0
28.75°	1	1	1	1	1	0	0	0	0	0	0
27.5°	1	1	1	1	1	0	0	0	0	0	0
26.25°	1	1	1	1	1	0	0	0	0	0	0
25°	1	1	1	1	1	1	0	0	0	0	0
23.75°	1	1	1	1	1	1	0	0	0	0	0
22.5°	2	1	1	1	1	1	0	0	0	0	0
21.25°	2	1	1	1	1	1	0	0	0	0	0
20°	2	1	1	1	1	1	0	0	0	0	0
18.75°	2	1	1	1	1	1	0	0	0	0	0
17.5°	2	1	1	1	1	1	0	0	0	0	0
16.25°	2	2	1	1	1	1	1	0	0	0	0
15°	2	2	1	1	1	1	1	0	0	0	0
13.75°	2	2	1	1	1	1	1	0	0	0	0
12.5°	2	2	1	1	1	1	1	0	0	0	0
11.25°	2	2	1	1	1	1	1	0	0	0	0
10°	2	2	1	1	1	1	1	0	0	0	0
8.75°	2	2	1	1	1	1	1	0	0	0	0
7.5°	2	2	1	1	1	1	1	0	0	0	0
6.25°	2	2	1	1	1	1	1	0	0	0	0
5°	2	2	1	1	1	1	1	0	0	0	0
3.75°	2	2	1	1	1	1	1	0	0	0	0
2.5°	2	2	1	1	1	1	1	0	0	0	0
1.25°	2	2	1	1	1	1	1	0	0	0	0
0°	2	2	2	1	1	1	1	0	0	0	0
-1.25°	2	2	1	1	1	1	1	0	0	0	0
-2.5°	2	2	1	1	1	1	1	0	0	0	0
-3.75°	2	2	1	1	1	1	1	0	0	0	0
-5°	2	2	1	1	1	1	1	0	0	0	0
-6.25°	2	2	1	1	1	1	1	0	0	0	0
-7.5°	2	2	1	1	1	1	1	0	0	0	0
-8.75°	2	2	1	1	1	1	1	0	0	0	0
-10°	2	2	1	1	1	1	1	0	0	0	0
-11.25°	2	2	1	1	1	1	1	0	0	0	0
-12.5°	2	2	1	1	1	1	1	0	0	0	0
-13.75°	2	2	1	1	1	1	1	0	0	0	0
-15°	2	2	1	1	1	1	1	0	0	0	0
-16.25°	2	2	1	1	1	1	1	0	0	0	0
-17.5°	2	1	1	1	1	1	0	0	0	0	0
-18.75°	2	1	1	1	1	1	0	0	0	0	0
-20°	2	1	1	1	1	1	0	0	0	0	0
-21.25°	2	1	1	1	1	1	0	0	0	0	0



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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	1	1	1	1	1	0	0	0	0	0
-23.75°	1	1	1	1	1	1	0	0	0	0	0
-25°	1	1	1	1	1	1	0	0	0	0	0
-26.25°	1	1	1	1	1	0	0	0	0	0	0
-27.5°	1	1	1	1	1	0	0	0	0	0	0
-28.75°	1	1	1	1	1	0	0	0	0	0	0
-30°	1	1	1	1	1	0	0	0	0	0	0
-31.25°	1	1	1	1	0	0	0	0	0	0	0
-32.5°	1	1	1	1	0	0	0	0	0	0	0
-33.75°	1	1	1	1	0	0	0	0	0	0	0
-35°	1	1	1	0	0	0	0	0	0	0	0
-36.25°	1	1	1	0	0	0	0	0	0	0	0
-37.5°	1	1	1	0	0	0	0	0	0	0	0
-38.75°	1	1	0	0	0	0	0	0	0	0	0
-40°	1	1	0	0	0	0	0	0	0	0	0
-41.25°	1	1	0	0	0	0	0	0	0	0	0
-42.5°	1	0	0	0	0	0	0	0	0	0	0
-43.75°	1	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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-W-BK-L1-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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: P220560 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-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)