

Scaled data based on original data using
LM-66-11 Electrical and Photometric Measurements of Single-Ended Compact
Fluorescent Lamps

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: LUMIERE

Report Number: P127713

Luminaire Tested: **1211-3 - 1 WHITE**

Issue Date: 3/3/2020

Test Information

Test Method: LM-66-11
Report Number: P127713
Test Lab: ELK GROVE VILLAGE
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1211-3 - 1 WHITE
Description: LUMIERE RECESSED WALL MOUNT
SPECULAR REFLECTOR
7-1/2 X 1-5/8" OPENING WITH TEMPERED GLASS LENS
Light Source: TWIN TUBE COMPACT FLUORESCENT
F9TT 9 WATTS 580 LUMENS
Ballast/Driver: SP68RC/C

Summary

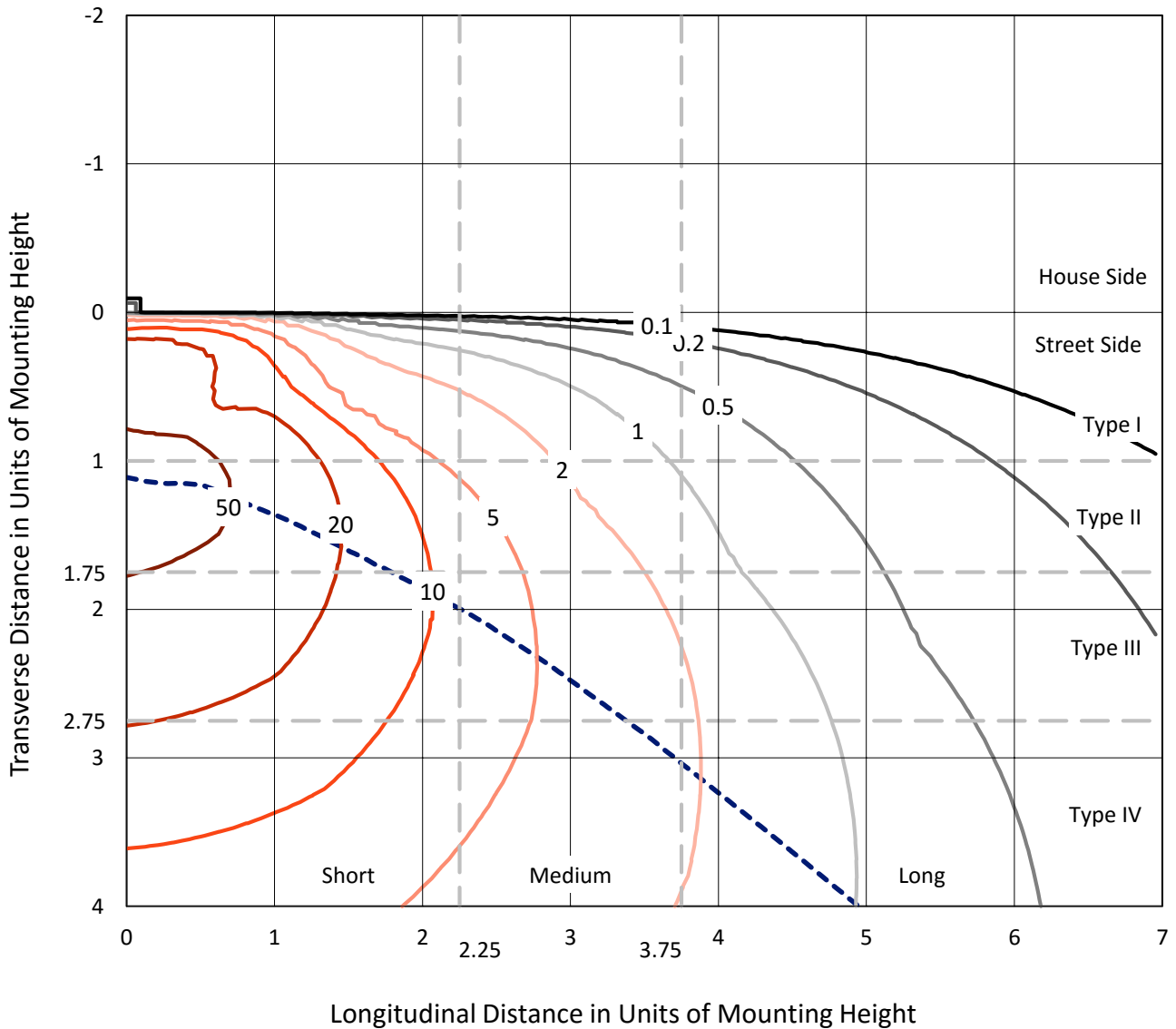
Lumens per Lamp: 580 (1 lamp)
Luminaire Lumens: 296.1 lumens
Efficiency: 51.0%
Efficacy: 27.9 lumens/watt
Luminous Opening: Rectangular (W 0.63' x L: 0.14' x H: 0')
IES Classification: Type - Short - Non-Cutoff
BUG Rating: B0 - U3 - G1

Input Watts (W): 10.6
Input Voltage (V): NR
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: P127713
 CATALOG NUMBER: 1211-3 - 1 WHITE

Iso-Footcandle Lines of Horizontal Illumination

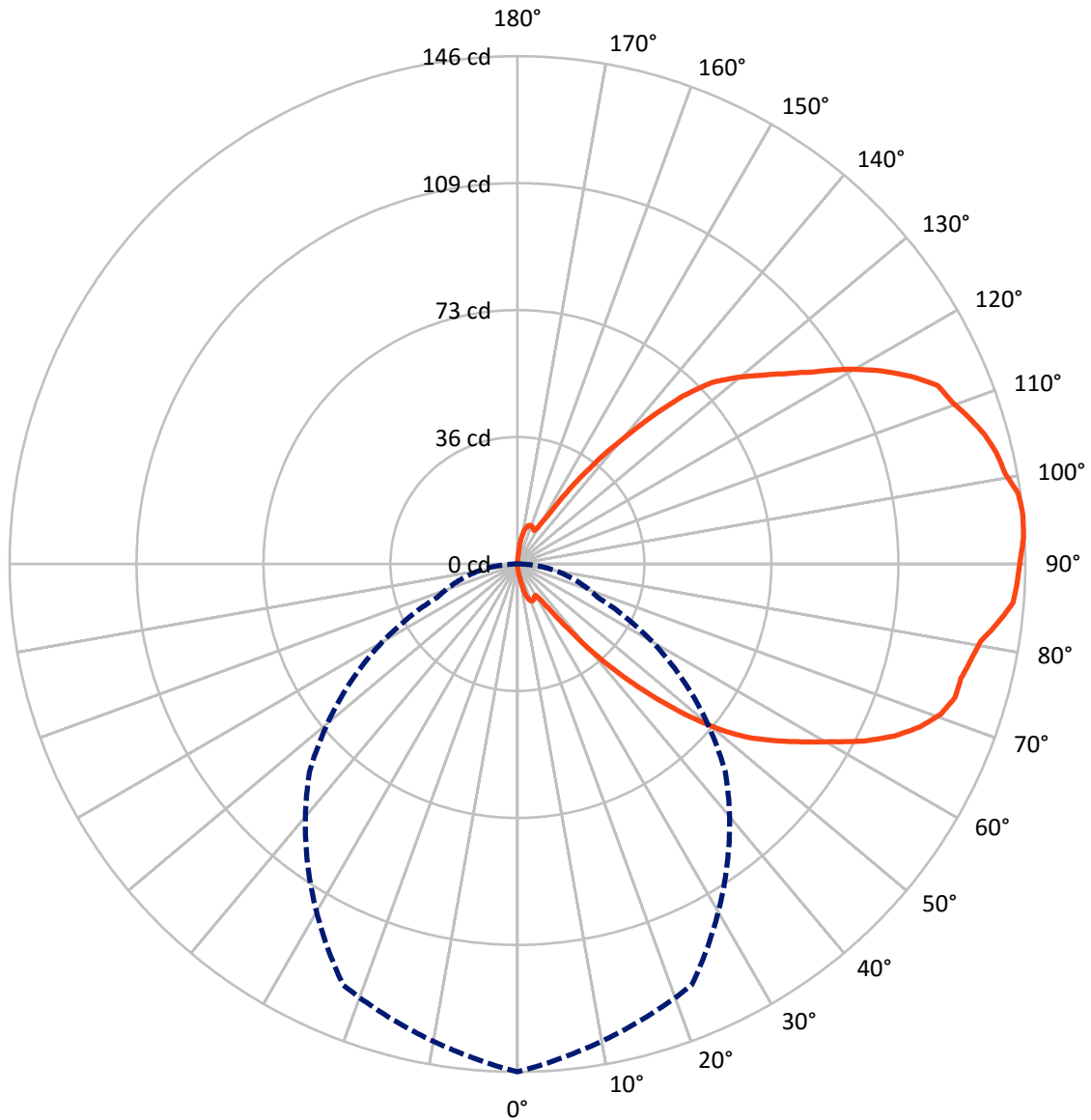
× Max cd
 - - - 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 79.3 fc
 Type - Short - Non-Cutoff

REPORT NUMBER: P127713
CATALOG NUMBER: 1211-3 - 1 WHITE

Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 95-Deg Vertical

REPORT NUMBER: P127713

CATALOG NUMBER: 1211-3 - 1 WHITE

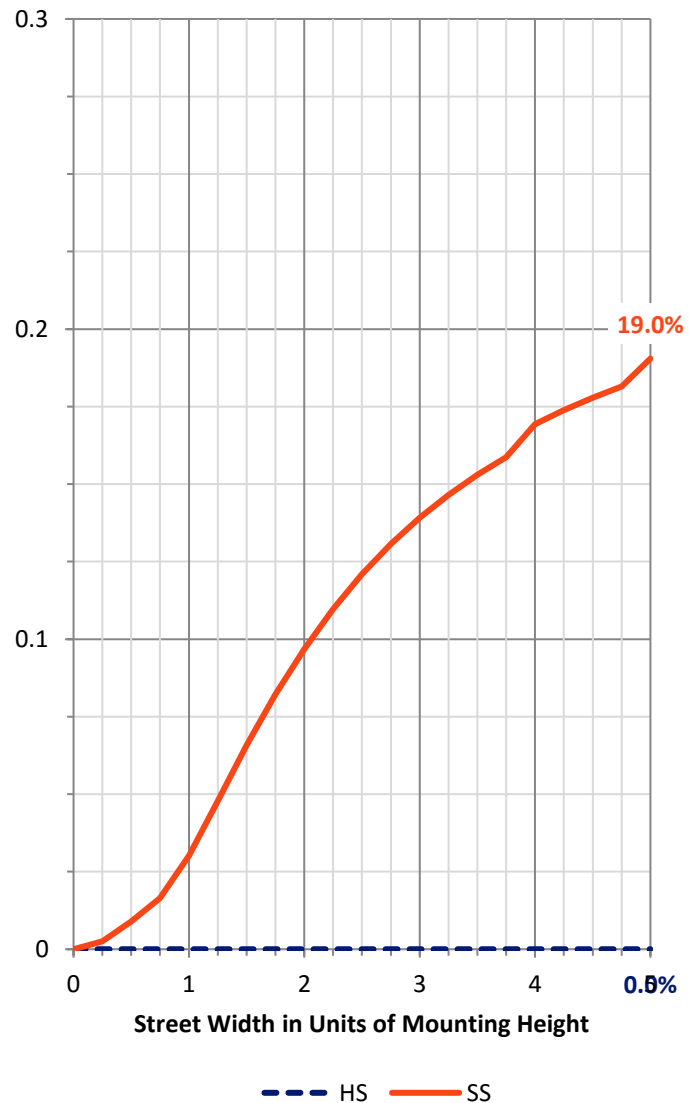
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	0.0	0.0	0.0
	% Lamp	0.0	0.0	0.0
Street Side	Lumens	143.0	153.0	296.1
	% Lamp	24.7	26.4	51.0
Total	Lumens	143.0	153.0	296.1
	% Lamp	24.7	26.4	51.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture	% Lamp
0°-10°	0.1	0.0	0.0
10°-20°	0.8	0.3	0.1
20°-30°	1.9	0.6	0.3
30°-40°	3.4	1.1	0.6
40°-50°	9.3	3.1	1.6
50°-60°	19.2	6.5	3.3
60°-70°	29.4	9.9	5.1
70°-80°	37.7	12.7	6.5
80°-90°	41.4	14.0	7.1
90°-100°	42.5	14.3	7.3
100°-110°	39.6	13.4	6.8
110°-120°	31.3	10.6	5.4
120°-130°	20.9	7.1	3.6
130°-140°	11.5	3.9	2.0
140°-150°	4.2	1.4	0.7
150°-160°	2.0	0.7	0.3
160°-170°	1.0	0.3	0.2
170°-180°	0.1	0.0	0.0
0°-90°	143.0	48.3	24.7
0°-180°	296.1	100.0	51.0



REPORT NUMBER: P127713

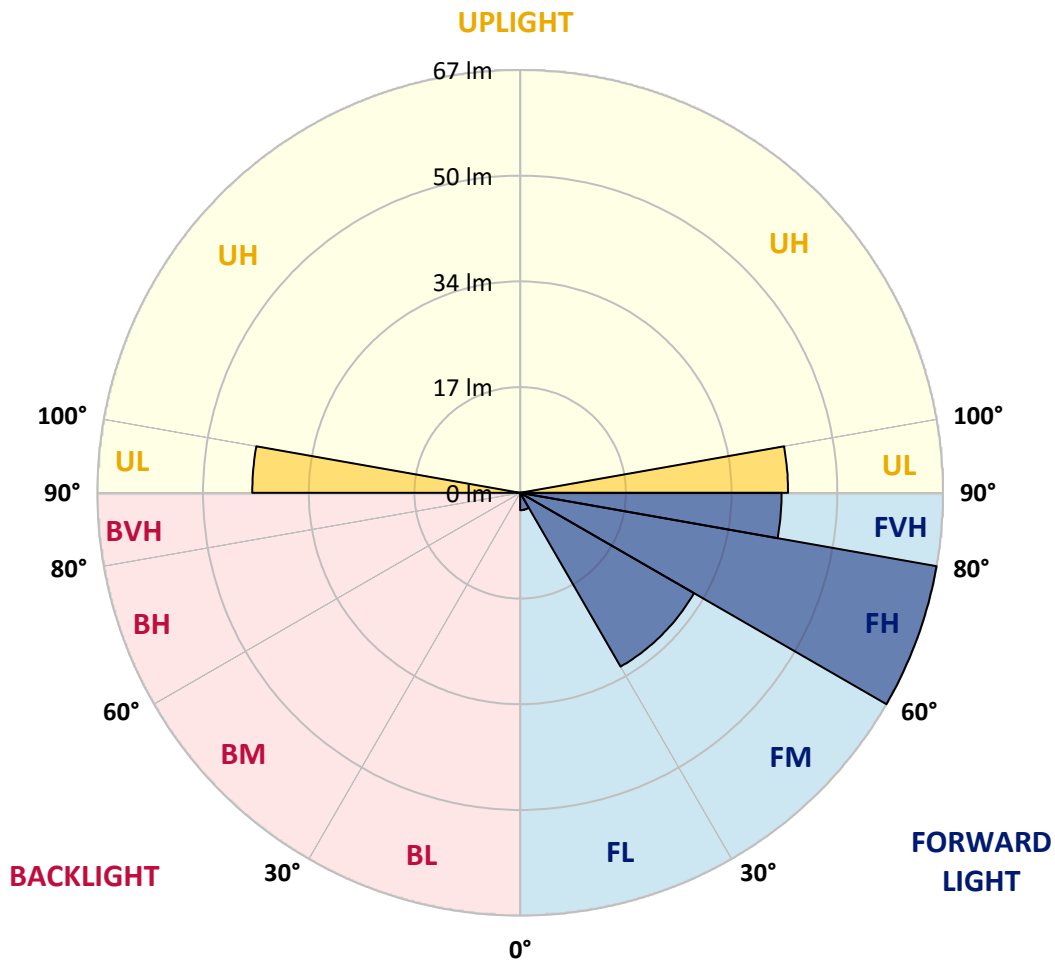
CATALOG NUMBER: 1211-3 - 1 WHITE

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2.7	0.5			
FM	(30°-60°)	31.8	5.5			
FH	(60°-80°)	67.0	11.6			G0/660
FVH	(80°-90°)	41.4	7.1			G1/100
BL	(0°-30°)	0.0	0.0	B0/110		
BM	(30°-60°)	0.0	0.0	B0/220		
BH	(60°-80°)	0.0	0.0	B0/110		G0/110
BVH	(80°-90°)	0.0	0.0			G0/10
UL	(90°-100°)	42.5	7.3		U2/50	
UH	(100°-180°)	0.0	0.0		U0/0	
Trapped Light		283.9	49.0			

BUG Rating: B0-U3-G1

Type Short





REPORT NUMBER: P127713

CATALOG NUMBER: 1211-3 - 1 WHITE

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°
0°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2.5°	0.1	0.4	0.5	0.5	0.0	0.0	0.0	0.0	0.0
5°	1.5	1.4	1.0	0.5	0.0	0.0	0.0	0.0	0.0
7.5°	3.1	2.8	2.1	0.9	0.0	0.0	0.0	0.0	0.0
10°	4.6	4.3	3.1	1.5	0.0	0.0	0.0	0.0	0.0
12.5°	7.3	6.4	4.1	2.0	0.0	0.0	0.0	0.0	0.0
15°	9.4	8.7	5.9	2.6	0.0	0.0	0.0	0.0	0.0
17.5°	10.7	10.2	7.7	3.2	0.0	0.0	0.0	0.0	0.0
20°	11.3	11.1	9.1	3.7	0.0	0.0	0.0	0.0	0.0
22.5°	11.4	11.4	10.1	4.4	0.0	0.0	0.0	0.0	0.0
25°	11.1	11.3	10.7	5.3	0.0	0.0	0.0	0.0	0.0
27.5°	10.5	11.0	11.0	6.3	0.0	0.0	0.0	0.0	0.0
30°	10.5	10.5	11.0	7.2	0.0	0.0	0.0	0.0	0.0
32.5°	12.2	10.8	10.8	7.9	0.0	0.0	0.0	0.0	0.0
35°	16.2	12.7	10.3	8.4	0.0	0.0	0.0	0.0	0.0
37.5°	23.3	17.1	9.9	8.8	0.0	0.0	0.0	0.0	0.0
40°	33.2	24.1	10.4	9.0	0.0	0.0	0.0	0.0	0.0
42.5°	43.3	33.1	11.8	9.2	0.0	0.0	0.0	0.0	0.0
45°	53.5	42.7	15.0	9.0	0.0	0.0	0.0	0.0	0.0
47.5°	64.1	52.2	20.5	8.8	0.0	0.0	0.0	0.0	0.0
50°	74.2	62.0	26.9	8.4	0.0	0.0	0.0	0.0	0.0
52.5°	82.7	71.1	33.4	8.0	0.0	0.0	0.0	0.0	0.0
55°	89.5	78.3	40.3	7.7	0.0	0.0	0.0	0.0	0.0
57.5°	96.3	84.2	46.8	7.6	0.0	0.0	0.0	0.0	0.0
60°	103.6	90.3	53.0	8.2	0.0	0.0	0.0	0.0	0.0
62.5°	111.9	97.1	57.3	9.6	0.0	0.0	0.0	0.0	0.0
65°	119.0	103.5	61.4	11.9	0.0	0.0	0.0	0.0	0.0
67.5°	124.7	109.9	66.1	14.6	0.0	0.0	0.0	0.0	0.0
70°	129.0	114.2	71.2	17.5	0.0	0.0	0.0	0.0	0.0
72.5°	131.3	117.3	76.2	20.4	0.0	0.0	0.0	0.0	0.0
75°	131.5	119.5	79.5	22.2	0.0	0.0	0.0	0.0	0.0
77.5°	133.0	120.1	81.3	23.7	0.0	0.0	0.0	0.0	0.0
80°	134.8	121.5	81.2	25.1	0.0	0.0	0.0	0.0	0.0
82.5°	138.9	124.2	80.6	25.9	0.0	0.0	0.0	0.0	0.0
85°	142.7	127.9	81.3	25.4	0.0	0.0	0.0	0.0	0.0
87.5°	143.6	128.8	82.9	24.5	0.0	0.0	0.0	0.0	0.0
90°	144.4	129.3	82.9	23.3	0.0	0.0	0.0	0.0	0.0
92.5°	145.5	130.3	83.6	23.4	0.0	0.0	0.0	0.0	0.0
95°	145.8	130.8	84.4	24.9	0.0	0.0	0.0	0.0	0.0
97.5°	145.2	130.6	84.5	25.8	0.0	0.0	0.0	0.0	0.0
100°	142.4	129.1	84.2	26.3	0.0	0.0	0.0	0.0	0.0
102.5°	141.2	127.5	84.0	25.3	0.0	0.0	0.0	0.0	0.0
105°	139.2	125.3	82.7	23.6	0.0	0.0	0.0	0.0	0.0
107.5°	136.2	122.2	80.9	21.7	0.0	0.0	0.0	0.0	0.0
110°	133.1	119.5	76.4	20.4	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P127713

CATALOG NUMBER: 1211-3 - 1 WHITE

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°
112.5°	131.1	115.2	71.0	18.3	0.0	0.0	0.0	0.0	0.0
115°	125.2	109.5	65.1	15.1	0.0	0.0	0.0	0.0	0.0
117.5°	118.1	102.3	60.5	12.4	0.0	0.0	0.0	0.0	0.0
120°	110.2	95.1	56.6	10.0	0.0	0.0	0.0	0.0	0.0
122.5°	101.2	87.9	53.0	8.5	0.0	0.0	0.0	0.0	0.0
125°	94.0	82.2	48.9	7.9	0.0	0.0	0.0	0.0	0.0
127.5°	87.9	77.5	41.6	8.0	0.0	0.0	0.0	0.0	0.0
130°	82.4	72.0	34.2	8.4	0.0	0.0	0.0	0.0	0.0
132.5°	76.4	64.4	27.6	8.8	0.0	0.0	0.0	0.0	0.0
135°	67.4	54.1	20.8	9.0	0.0	0.0	0.0	0.0	0.0
137.5°	55.6	43.7	15.0	9.2	0.0	0.0	0.0	0.0	0.0
140°	44.3	34.2	11.7	9.3	0.0	0.0	0.0	0.0	0.0
142.5°	34.4	25.0	10.6	9.3	0.0	0.0	0.0	0.0	0.0
145°	24.7	17.1	10.5	9.1	0.0	0.0	0.0	0.0	0.0
147.5°	16.2	12.5	11.0	8.8	0.0	0.0	0.0	0.0	0.0
150°	12.2	11.0	11.3	8.2	0.0	0.0	0.0	0.0	0.0
152.5°	10.8	11.2	11.4	7.5	0.0	0.0	0.0	0.0	0.0
155°	11.1	11.6	11.3	6.7	0.0	0.0	0.0	0.0	0.0
157.5°	11.5	11.8	11.1	5.7	0.0	0.0	0.0	0.0	0.0
160°	11.7	11.8	10.6	4.9	0.0	0.0	0.0	0.0	0.0
162.5°	11.6	11.6	9.8	4.1	0.0	0.0	0.0	0.0	0.0
165°	11.1	10.9	8.4	3.4	0.0	0.0	0.0	0.0	0.0
167.5°	10.2	9.6	6.8	2.8	0.0	0.0	0.0	0.0	0.0
170°	8.3	7.6	4.9	1.9	0.0	0.0	0.0	0.0	0.0
172.5°	6.0	4.9	2.6	1.1	0.0	0.0	0.0	0.0	0.0
175°	1.4	1.2	1.0	0.5	0.0	0.0	0.0	0.0	0.0
177.5°	0.3	0.3	0.4	0.3	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)