

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: STREETWORKS

Report Number: P691355

Luminaire Tested: **CRTK2-C015-D-U-T5R-7030-SR-CARETAKER**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691355
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-21)
Test Lab: INNOVATION CENTER
Issue Date: 6/13/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK2-C015-D-U-T5R-7030-SR-CARETAKER
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 3000K LED WITH TYPE V ROUND OPTIC AND SR REFRACTOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4501 lumens
Efficiency: N/A
Efficacy: 150.5 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.29')
IES Classification: Type V - Short
BUG Rating: B3 - U3 - G2

Input Watts (W): 29.9
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: 24 FT



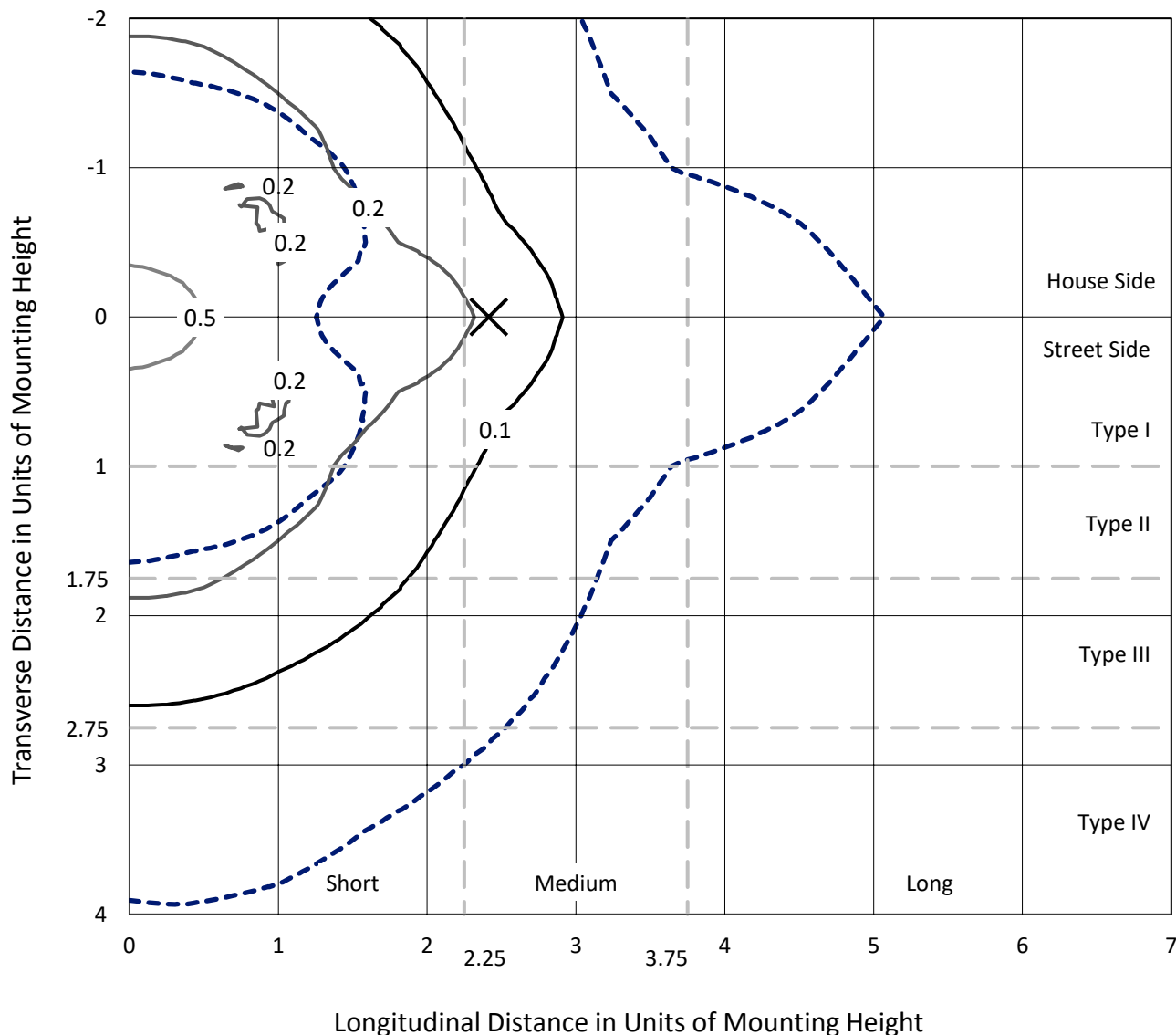
REPORT NUMBER: P691355

CATALOG NUMBER: CRTK2-C015-D-U-T5R-7030-SR-CARETAKER

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



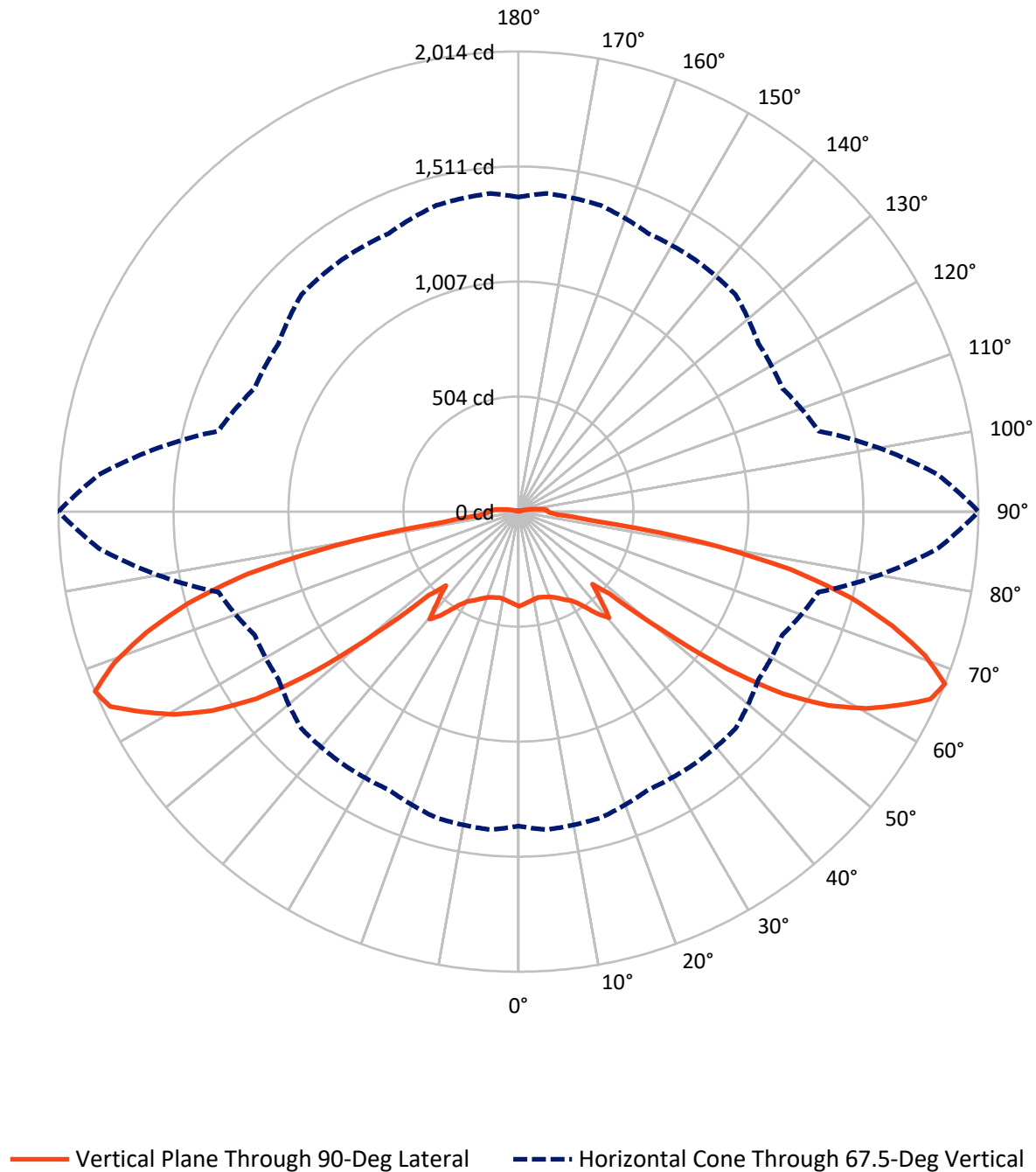
Based on 25 foot mounting height. Maximum calculated value = 0.7 fc

Type V - Short - N/A

REPORT NUMBER: P691355

CATALOG NUMBER: CRTK2-C015-D-U-T5R-7030-SR-CARETAKER

Luminous Intensity Polar Plot



REPORT NUMBER: P691355

CATALOG NUMBER: CRTK2-C015-D-U-T5R-7030-SR-CARETAKER

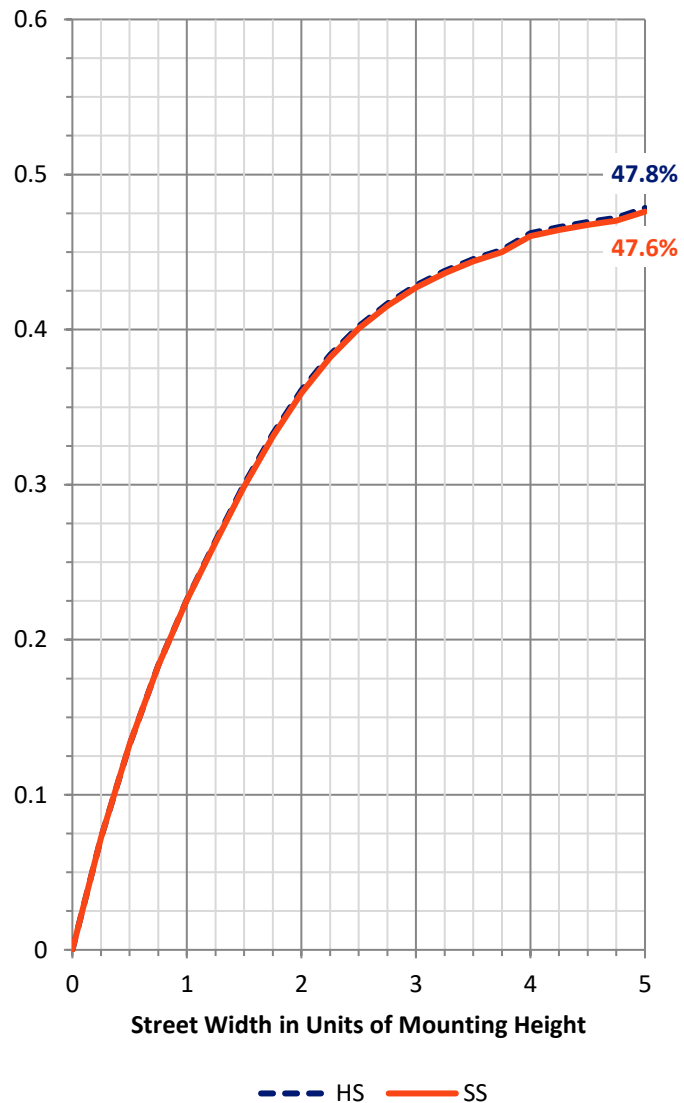
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2185.3	65.2	2250.5
	% Fixture	48.6	1.4	50.0
Street Side	Lumens	2185.3	65.2	2250.5
	% Fixture	48.6	1.4	50.0
Total	Lumens	4370.6	130.4	4501.0
	% Fixture	97.1	2.9	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.5	0.8
10°-20°	106.8	2.4
20°-30°	189.1	4.2
30°-40°	319.0	7.1
40°-50°	357.5	7.9
50°-60°	740.1	16.4
60°-70°	1302.7	28.9
70°-80°	1076.5	23.9
80°-90°	241.5	5.4
90°-100°	92.3	2.1
100°-110°	26.1	0.6
110°-120°	8.0	0.2
120°-130°	3.7	0.1
130°-140°	0.3	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	4370.6	97.1
0°-180°	4501.0	100.0

Coefficient of Utilization



REPORT NUMBER: P691355

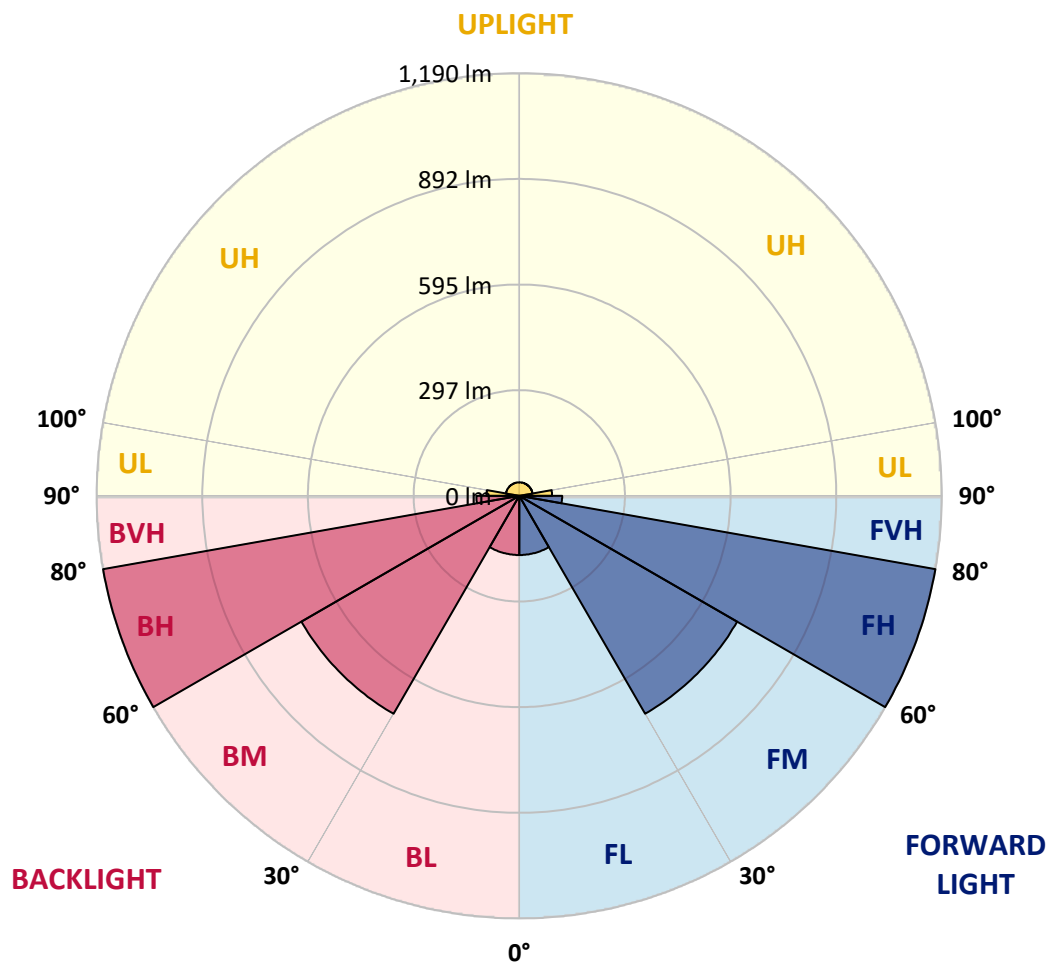
CATALOG NUMBER: CRTK2-C015-D-U-T5R-7030-SR-CARETAKER

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	166.7	3.7			
FM	(30°-60°)	708.3	15.7			
FH	(60°-80°)	1189.6	26.4			G1/1800
FVH	(80°-90°)	120.8	2.7			G2/225
BL	(0°-30°)	166.7	3.7	B1/500		
BM	(30°-60°)	708.3	15.7	B1/1000		
BH	(60°-80°)	1189.6	26.4	B3/2500		G1/1800
BVH	(80°-90°)	120.8	2.7			G2/225
UL	(90°-100°)	92.3	2.1		U3/500	
UH	(100°-180°)	38.0	0.8		U2/50	

BUG Rating: B3-U3-G2

Type V Short



REPORT NUMBER: P691355

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	414.2	414.2	414.2	414.2	414.2	414.2	414.2	414.2	414.2	414.2	414.2
2.5°	409.9	409.9	407.1	405.6	407.1	408.5	409.9	409.9	408.5	407.1	407.1
5°	402.8	401.4	399.9	398.5	398.5	401.4	401.4	402.8	401.4	399.9	399.9
7.5°	384.3	384.3	382.9	381.4	384.3	387.1	391.4	392.8	394.3	394.3	394.3
10°	371.5	371.5	370.1	370.1	372.9	377.2	381.4	385.7	387.1	388.6	388.6
12.5°	364.4	364.4	364.4	362.9	367.2	371.5	378.6	381.4	384.3	385.7	385.7
15°	364.4	362.9	362.9	364.4	367.2	372.9	378.6	384.3	387.1	388.6	388.6
17.5°	367.2	365.8	365.8	365.8	370.1	375.8	382.9	387.1	391.4	392.8	392.8
20°	371.5	371.5	371.5	371.5	374.3	381.4	388.6	392.8	397.1	398.5	398.5
22.5°	382.9	382.9	381.4	380.0	382.9	388.6	397.1	401.4	405.6	408.5	408.5
25°	397.1	395.7	395.7	394.3	394.3	399.9	407.1	412.8	418.4	421.3	421.3
27.5°	414.2	412.8	412.8	409.9	409.9	417.0	422.7	428.4	434.1	437.0	437.0
30°	432.7	434.1	431.3	429.8	428.4	434.1	439.8	444.1	448.3	451.2	451.2
32.5°	462.6	462.6	459.7	458.3	456.9	461.1	464.0	466.8	471.1	476.8	478.2
35°	499.6	498.2	498.2	498.2	498.2	501.0	503.8	502.4	511.0	516.7	519.5
37.5°	548.0	549.4	546.5	543.7	542.3	545.1	548.0	552.2	560.8	567.9	569.3
40°	539.4	536.6	539.4	545.1	546.5	559.4	572.2	582.1	596.4	609.2	610.6
42.5°	483.9	488.2	492.5	492.5	491.0	491.0	492.5	493.9	508.1	526.6	526.6
45°	397.1	399.9	405.6	402.8	390.0	384.3	387.1	391.4	407.1	452.6	454.0
47.5°	421.3	427.0	432.7	415.6	399.9	375.8	372.9	370.1	388.6	515.2	536.6
50°	496.7	496.7	503.8	489.6	483.9	469.7	461.1	464.0	503.8	767.2	814.1
52.5°	646.2	643.3	660.4	643.3	637.6	607.7	575.0	592.1	633.4	1049.0	1145.8
55°	784.2	787.1	804.2	787.1	771.4	744.4	700.3	730.2	785.7	1271.0	1409.1
57.5°	933.7	938.0	957.9	925.1	893.8	879.6	838.3	869.6	930.8	1414.8	1599.8
60°	1088.8	1093.1	1103.1	1061.8	1033.3	1026.2	979.2	1013.4	1087.4	1541.4	1749.2
62.5°	1236.8	1241.1	1235.4	1195.6	1178.5	1179.9	1134.4	1158.6	1238.3	1689.5	1865.9
65°	1330.8	1349.3	1345.0	1300.9	1295.2	1300.9	1252.5	1255.3	1337.9	1804.7	1981.2
67.5°	1376.3	1397.7	1387.7	1343.6	1346.4	1343.6	1282.4	1275.3	1360.7	1844.6	2014.0
70°	1330.8	1330.8	1323.7	1285.2	1283.8	1272.4	1226.9	1215.5	1282.4	1735.0	1888.7
72.5°	1219.8	1219.8	1214.1	1169.9	1161.4	1152.9	1125.8	1105.9	1164.3	1558.5	1712.2
75°	1058.9	1071.7	1064.6	1020.5	1010.5	1004.8	986.3	966.4	1019.1	1370.6	1500.2



REPORT NUMBER: P691355

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	7.1	7.1	8.5	8.5	10.0	10.0	10.0	10.0	10.0	10.0	10.0
115°	5.7	5.7	7.1	7.1	7.1	8.5	8.5	8.5	8.5	8.5	8.5
117.5°	4.3	4.3	5.7	5.7	7.1	7.1	7.1	7.1	7.1	7.1	7.1
120°	4.3	4.3	4.3	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
122.5°	2.8	2.8	4.3	4.3	4.3	4.3	4.3	4.3	4.3	5.7	5.7
125°	2.8	2.8	2.8	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
127.5°	2.8	2.8	2.8	2.8	4.3	4.3	4.3	4.3	4.3	4.3	4.3
130°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	4.3	4.3
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0

(END OF REPORT)