

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: McGRAW-EDISON

Report Number: P198040

Luminaire Tested: **TT-C1-LED-E1-RW-PM-CG-MS/DIM-7060**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P198040  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34696)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: TT-C1-LED-E1-RW-PM-CG-MS/DIM-7060  
Description: TOPTIER LED AREA/SITE LUMINAIRE  
RECTANGULAR DISTRIBUTION WITH CLEAR GLASS LENS AND DIMMING OCCUPANCY  
SENSOR  
Light Source: (168) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2652.9 lumens  
Efficiency: N/A  
Efficacy: 94.7 lumens/watt  
Luminous Opening: Circular (Dia: 1.12' x H: 0')  
IES Classification: Type IV - Short - Semi-Cutoff  
BUG Rating: B2 - U0 - G2

Input Watts (W): 28  
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

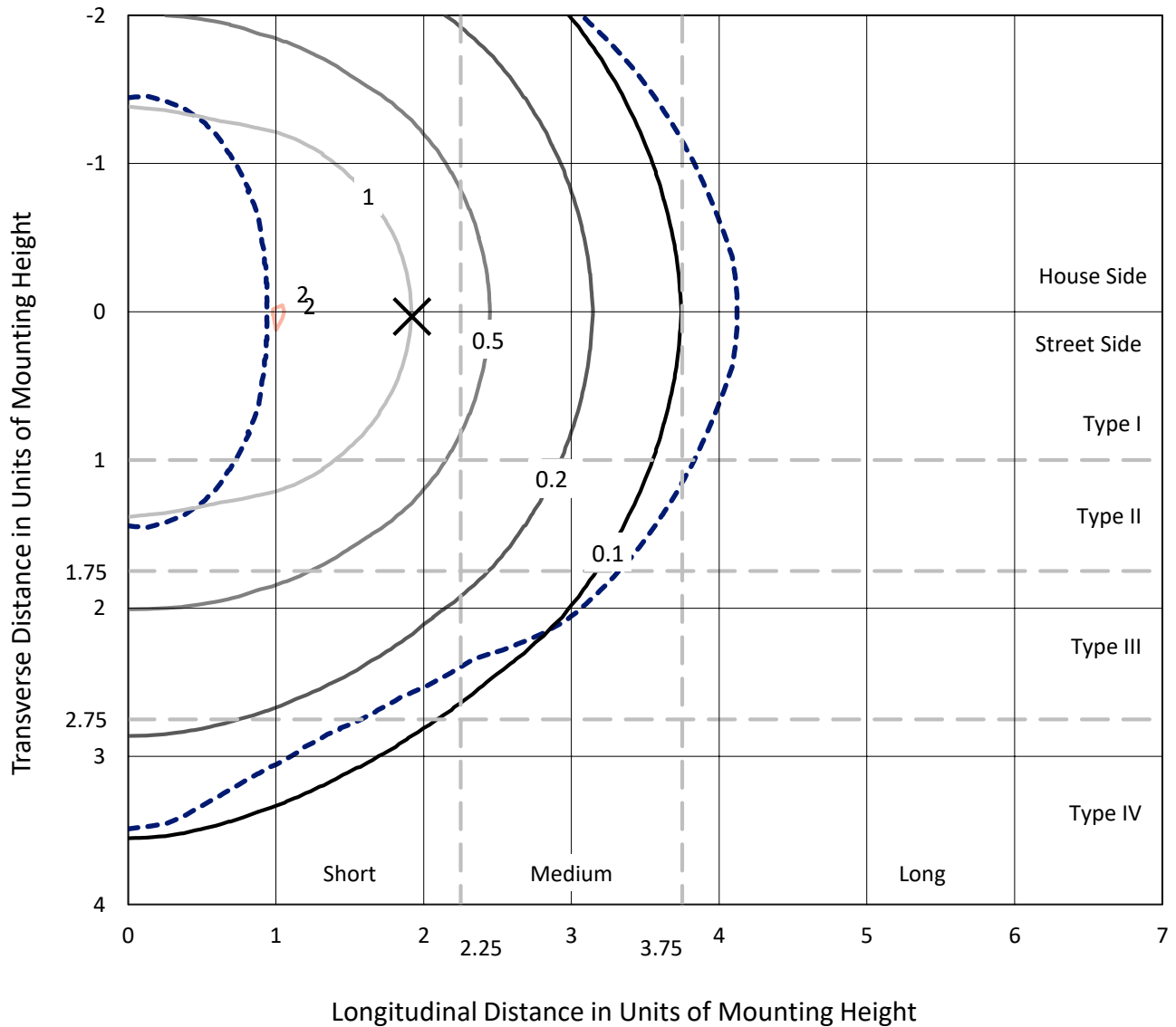


REPORT NUMBER: P198040

CATALOG NUMBER: TT-C1-LED-E1-RW-PM-CG-MS/DIM-7060

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

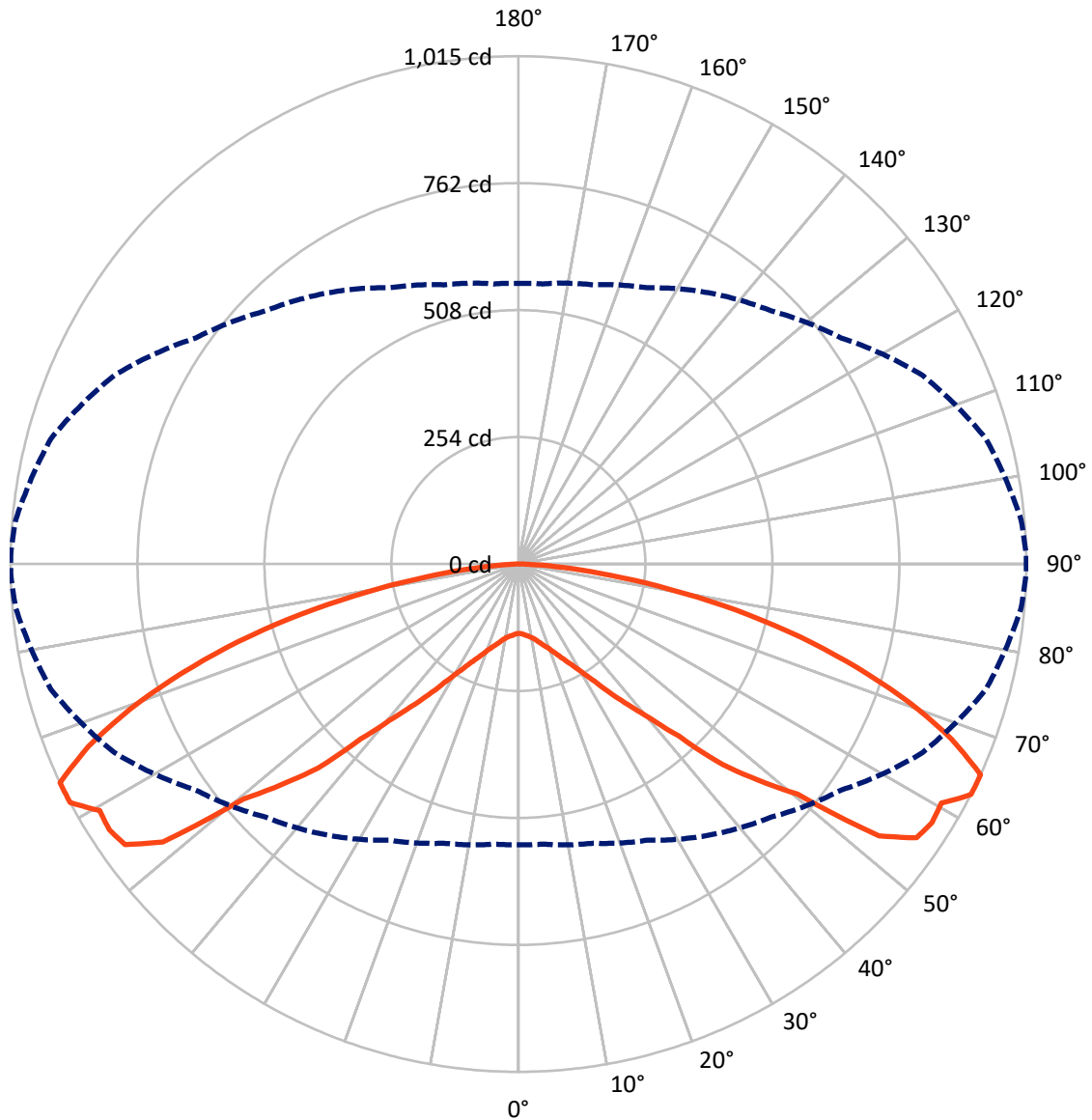


Based on 10 foot mounting height. Maximum calculated value = 2 fc  
 Type IV - Short - Semi-Cutoff

REPORT NUMBER: P198040

CATALOG NUMBER: TT-C1-LED-E1-RW-PM-CG-MS/DIM-7060

### Luminous Intensity Polar Plot



— Vertical Plane Through 89-Deg Lateral    - - - Horizontal Cone Through 62.5-Deg Vertical

REPORT NUMBER: P198040

CATALOG NUMBER: TT-C1-LED-E1-RW-PM-CG-MS/DIM-7060

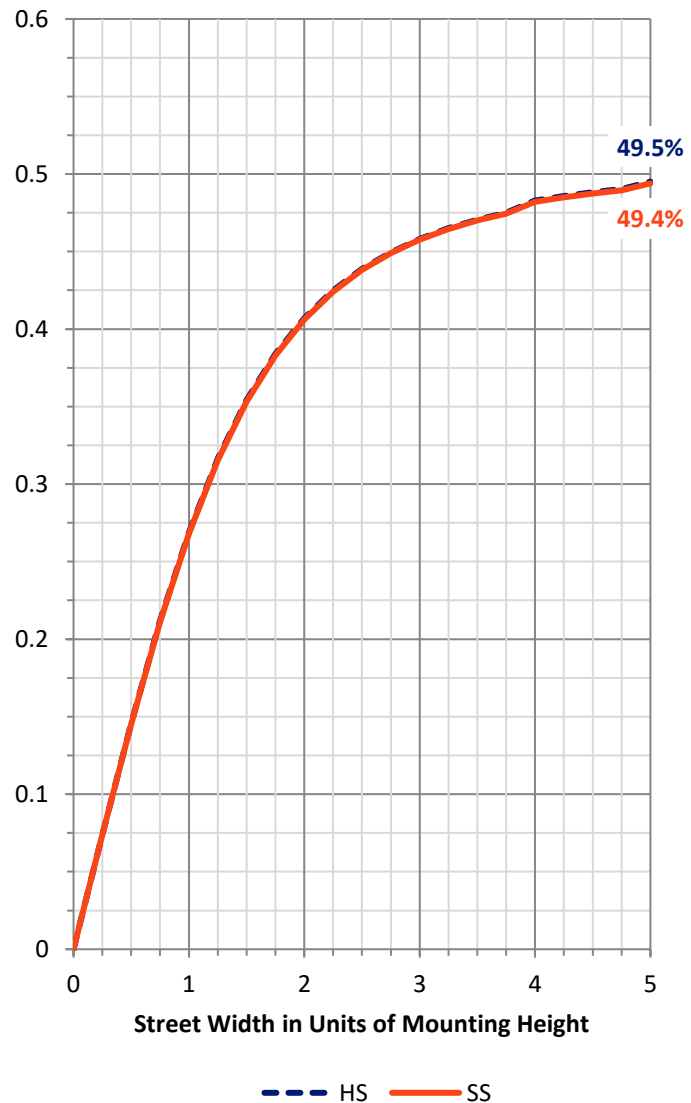
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1326.4	0.0	1326.4
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	1326.4	0.0	1326.4
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	2652.9	0.0	2652.9
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	13.9	0.5
10°-20°	47.2	1.8
20°-30°	100.4	3.8
30°-40°	192.9	7.3
40°-50°	357.2	13.5
50°-60°	603.5	22.7
60°-70°	728.8	27.5
70°-80°	501.8	18.9
80°-90°	107.1	4.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	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°	2652.9	100.0
0°-180°	2652.9	100.0



REPORT NUMBER: P198040

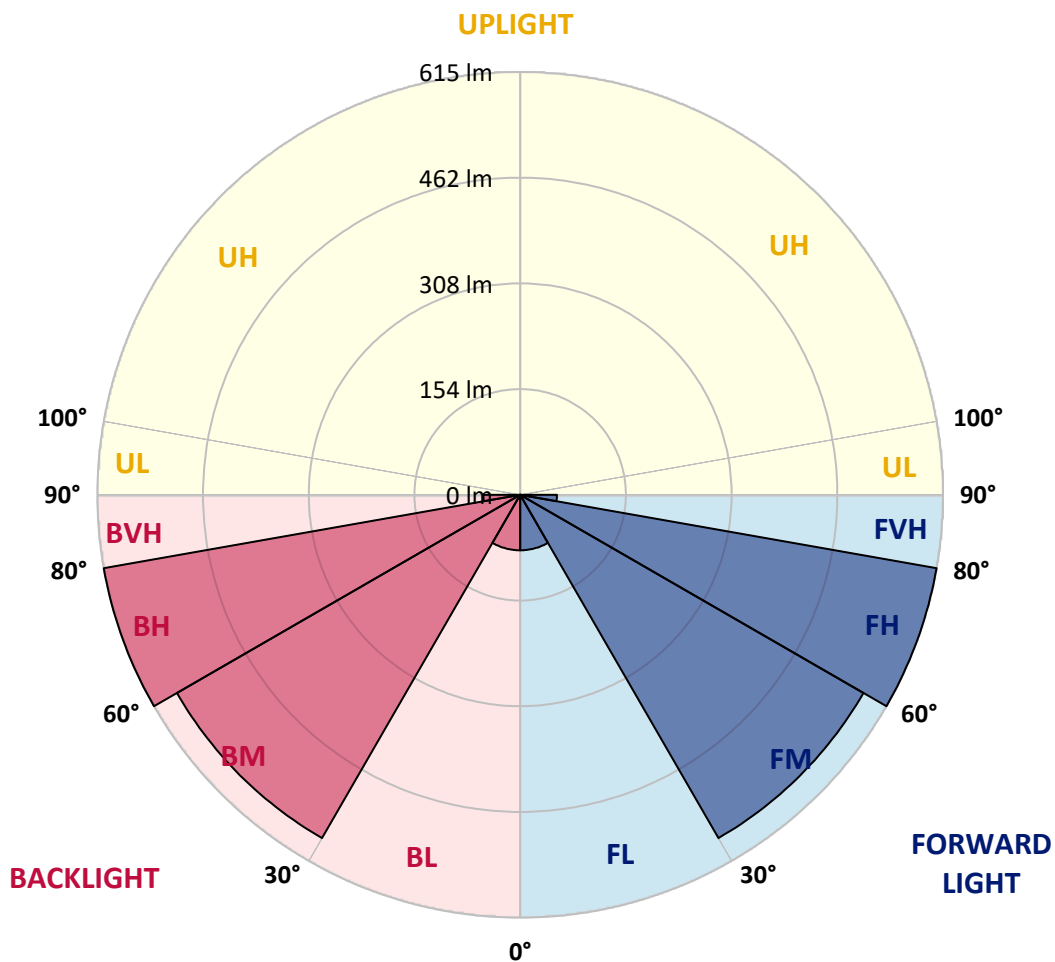
CATALOG NUMBER: TT-C1-LED-E1-RW-PM-CG-MS/DIM-7060

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	80.7	3.0			
FM	(30°-60°)	576.8	21.7			
FH	(60°-80°)	615.3	23.2			G0/660
FVH	(80°-90°)	53.5	2.0			G1/100
BL	(0°-30°)	80.7	3.0	B0/110		
BM	(30°-60°)	576.8	21.7	B1/1000		
BH	(60°-80°)	615.3	23.2	B2/1000		G2/1000
BVH	(80°-90°)	53.5	2.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G2**

Type IV Short





REPORT NUMBER: P198040

CATALOG NUMBER: TT-C1-LED-E1-RW-PM-CG-MS/DIM-7060

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	89°
0°	138.7	138.7	138.7	138.7	138.7	138.7	138.7	138.7	138.7	138.7	138.7
2.5°	139.8	139.8	139.8	139.8	140.4	140.4	140.4	140.4	140.4	140.4	139.8
5°	142.2	141.6	142.2	142.7	142.7	143.3	143.3	143.3	143.3	142.7	142.7
7.5°	145.1	145.1	145.6	146.2	146.8	146.2	146.2	145.6	145.6	145.6	145.6
10°	150.3	149.7	150.3	150.9	150.3	150.3	150.3	150.3	150.3	150.3	149.7
12.5°	156.1	156.1	156.1	156.1	155.5	156.1	155.5	156.1	156.1	156.1	155.5
15°	164.2	164.2	164.2	163.6	163.0	163.0	163.0	163.0	163.0	163.0	163.0
17.5°	175.2	174.6	174.1	172.9	172.3	171.7	171.7	171.7	172.3	172.3	172.3
20°	188.0	186.8	185.7	185.1	184.5	183.3	182.8	183.3	183.9	183.9	182.2
22.5°	203.7	201.9	200.2	199.6	197.3	196.7	196.1	195.5	195.5	196.1	195.5
25°	218.2	218.7	217.0	214.1	213.5	212.4	210.6	211.2	210.6	211.2	210.6
27.5°	236.1	237.3	235.6	232.7	230.9	229.2	228.0	228.0	228.6	230.3	228.6
30°	256.5	257.0	255.3	253.0	250.1	247.8	247.2	250.1	250.1	252.4	251.2
32.5°	277.9	277.3	275.0	274.4	271.0	271.0	271.5	273.9	277.9	279.7	279.1
35°	304.0	300.5	300.0	297.6	294.7	294.7	298.2	304.0	311.6	316.2	316.8
37.5°	327.8	326.7	326.1	322.6	320.9	324.3	331.3	341.7	348.1	357.4	357.4
40°	352.2	355.1	352.2	348.7	350.4	355.7	367.3	380.6	395.1	405.0	405.0
42.5°	376.0	381.2	378.3	375.4	380.0	392.2	406.7	429.4	458.4	471.1	470.6
45°	401.5	405.6	402.7	403.2	413.1	428.2	456.0	504.8	545.4	571.5	572.1
47.5°	429.4	429.9	428.2	431.1	445.6	474.6	512.3	572.1	612.1	643.5	645.8
50°	457.2	454.3	453.7	460.7	486.8	523.4	577.3	635.3	698.6	721.8	723.5
52.5°	482.2	478.7	481.0	492.6	526.8	572.1	639.4	738.0	829.7	898.2	902.8
55°	505.9	501.9	507.7	526.3	571.5	632.4	716.6	839.6	917.3	962.0	966.1
57.5°	526.3	525.1	534.4	557.6	613.3	687.6	779.8	880.2	937.6	971.3	975.3
60°	546.6	546.6	558.7	588.9	651.0	718.9	792.0	879.6	938.8	967.2	971.3
62.5°	561.1	562.2	577.9	609.2	662.0	715.4	787.9	891.8	967.8	1009.0	1015.4
65°	569.2	571.5	588.3	609.2	657.4	711.9	814.0	901.6	964.3	1007.8	1015.4
67.5°	570.3	575.0	583.1	598.8	639.4	685.8	772.3	843.6	895.8	928.9	934.1
70°	565.1	563.4	562.8	566.9	587.2	620.8	696.8	753.1	804.8	825.6	829.7
72.5°	539.0	538.4	518.1	505.4	510.6	533.8	601.1	644.6	678.3	705.0	707.9
75°	486.8	482.2	448.5	422.4	417.2	438.1	488.5	520.5	550.6	575.6	582.0
77.5°	406.1	394.5	360.3	329.6	319.7	335.4	373.1	395.1	417.2	446.2	446.2
80°	294.7	288.9	259.4	234.4	224.5	233.8	260.5	269.8	281.4	307.5	308.1
82.5°	190.3	183.9	164.2	148.5	139.8	145.6	156.7	160.7	170.6	186.2	185.7
85°	92.8	92.8	83.0	74.3	66.1	67.3	74.3	76.6	84.7	88.8	87.6
87.5°	23.2	25.5	22.6	20.9	18.6	18.6	20.9	20.9	25.5	25.5	24.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P198040

CATALOG NUMBER: TT-C1-LED-E1-RW-PM-CG-MS/DIM-7060

**CANDELA DISTRIBUTION (continued):**

	90°
0°	138.7
2.5°	139.8
5°	142.7
7.5°	145.6
10°	149.7
12.5°	156.1
15°	163.0
17.5°	172.9
20°	183.9
22.5°	195.5
25°	210.6
27.5°	230.3
30°	252.4
32.5°	278.5
35°	314.5
37.5°	357.4
40°	405.6
42.5°	471.1
45°	573.2
47.5°	643.5
50°	721.8
52.5°	899.9
55°	965.5
57.5°	975.9
60°	972.4
62.5°	1015.4
65°	1014.2
67.5°	933.0
70°	831.4
72.5°	712.5
75°	584.3
77.5°	443.3
80°	320.3
82.5°	186.8
85°	88.8
87.5°	26.7
90°	0.0

(END OF REPORT)