

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: P887708

Luminaire Tested: **TT-D3-740-U-DL-TC**

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887708
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-4)
Test Lab: INNOVATION CENTER
Issue Date: 10/9/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: TT-D3-740-U-DL-TC
Description: DL
4000K, 70 CRI LEDS, DRIVE LANE DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4627.1 lumens
Efficiency: N/A
Efficacy: 94.8 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G2

Input Watts (W): 48.8
Input Voltage (V): 120.0
Input Current (Ain): 0.41
Voltage Rise (V): NR
Power Factor: 0.989
Total Harmonic Distortion (THDi): 12.9%
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT



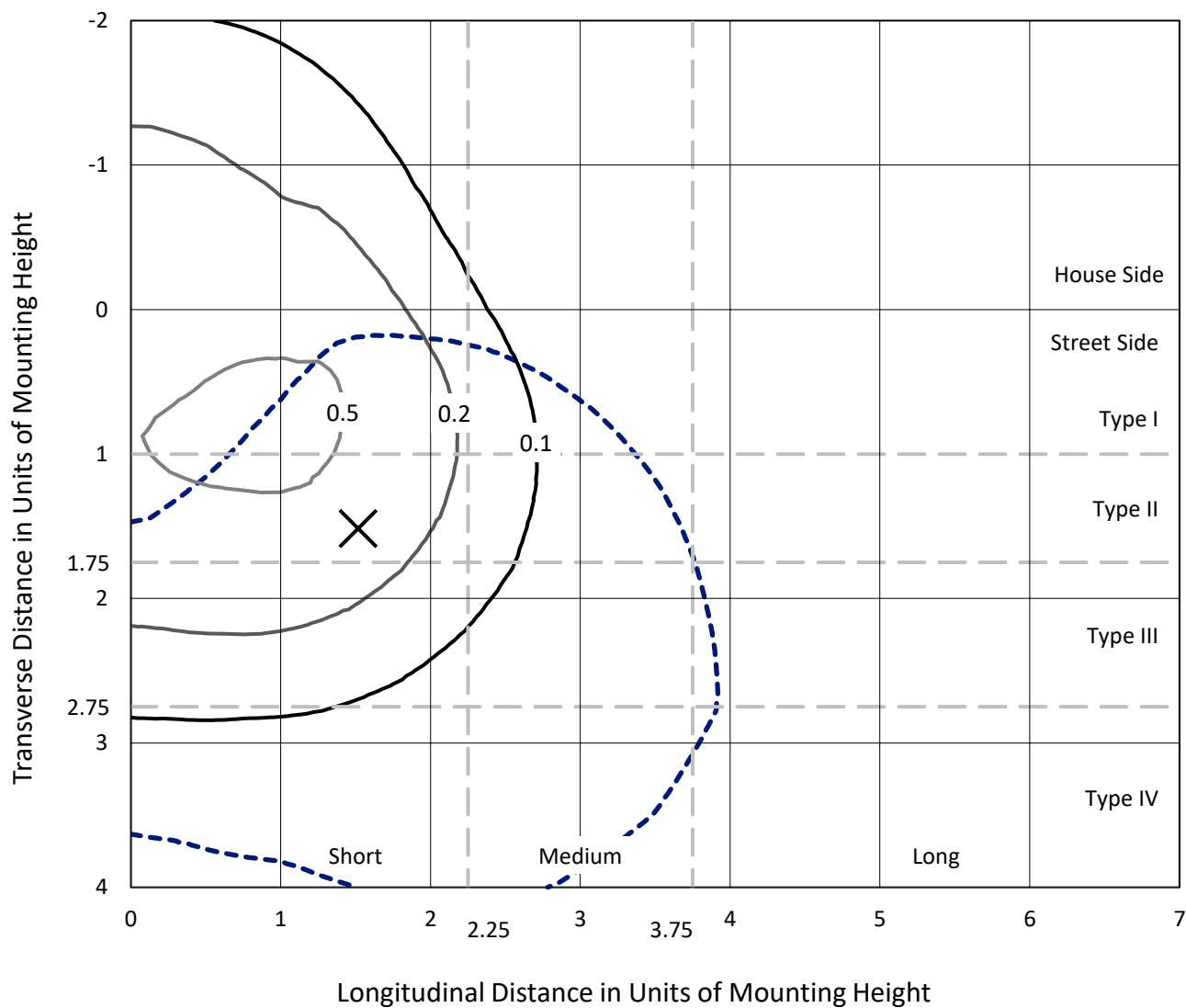
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

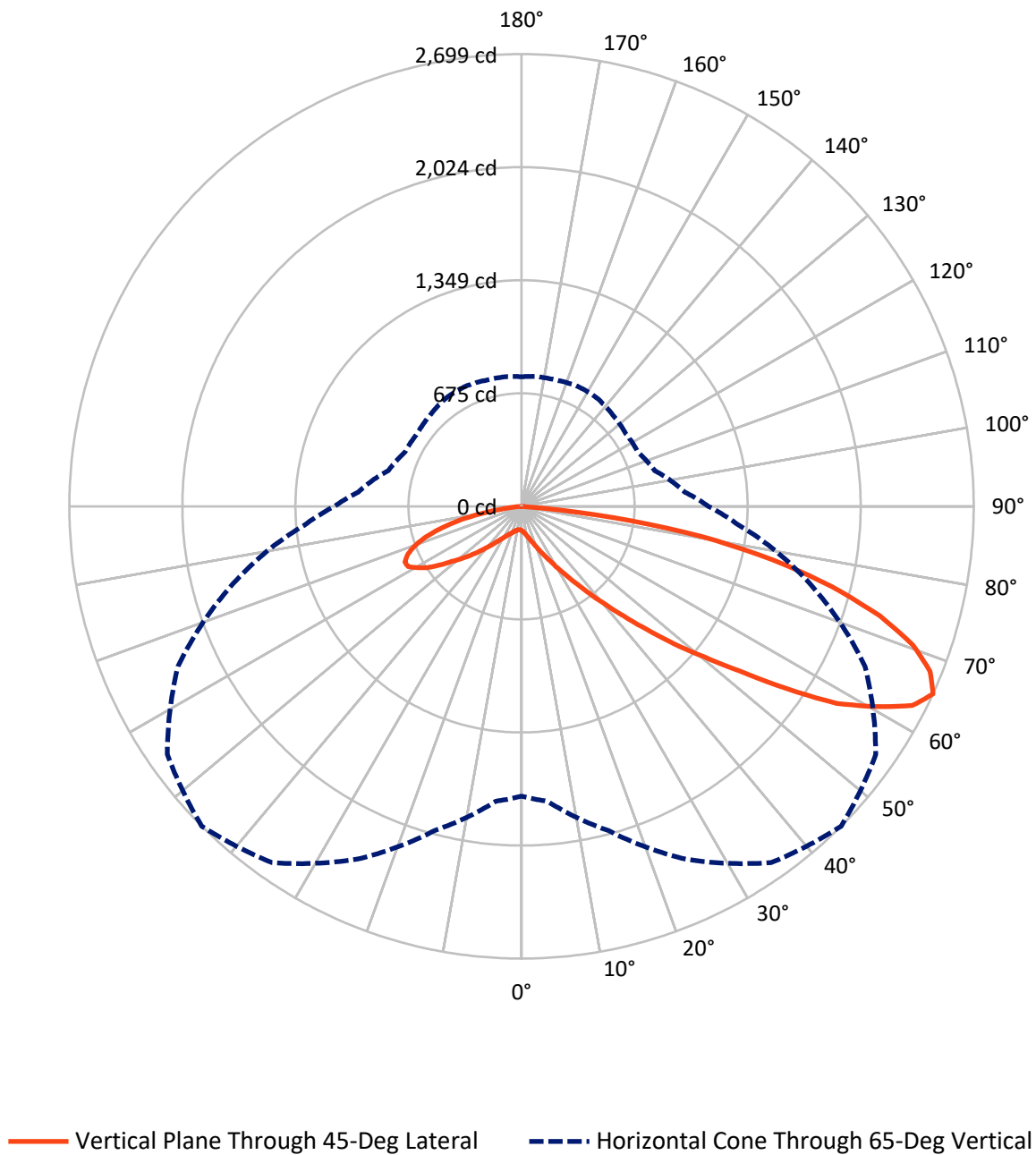
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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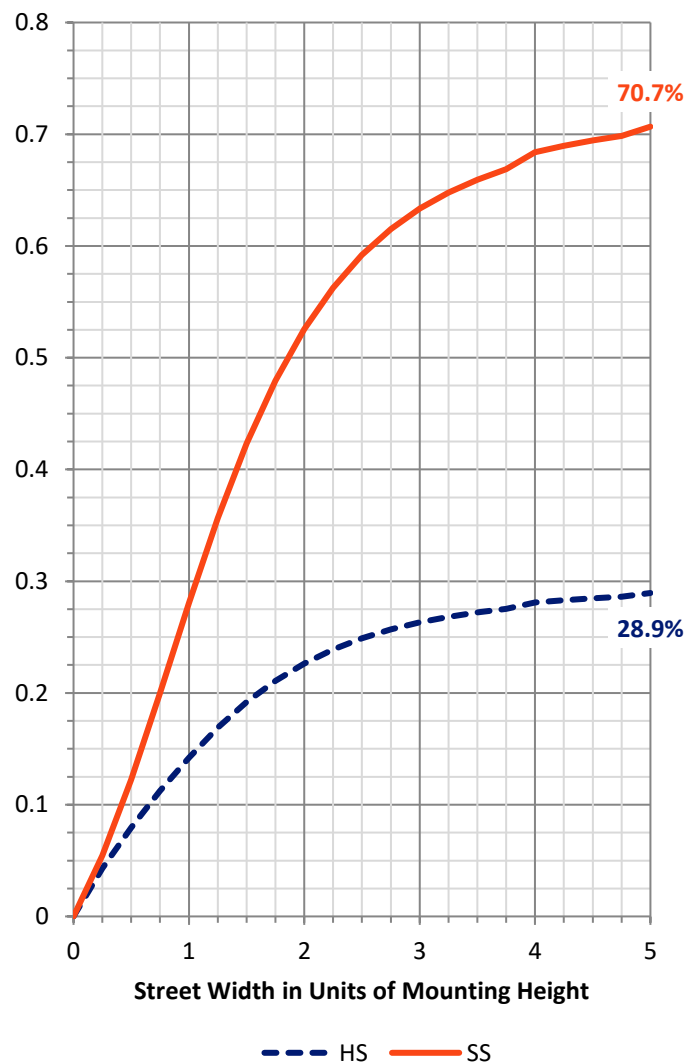
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1340.9	0.0	1340.9
	% Fixture	29.0	0.0	29.0
Street Side	Lumens	3286.1	0.0	3286.1
	% Fixture	71.0	0.0	71.0
Total	Lumens	4627.1	0.0	4627.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.6	0.3
10°-20°	52.9	1.1
20°-30°	120.7	2.6
30°-40°	255.8	5.5
40°-50°	531.0	11.5
50°-60°	1020.1	22.0
60°-70°	1414.6	30.6
70°-80°	1064.9	23.0
80°-90°	152.4	3.3
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°	4627.1	100.0
0°-180°	4627.1	100.0

Coefficient of Utilization



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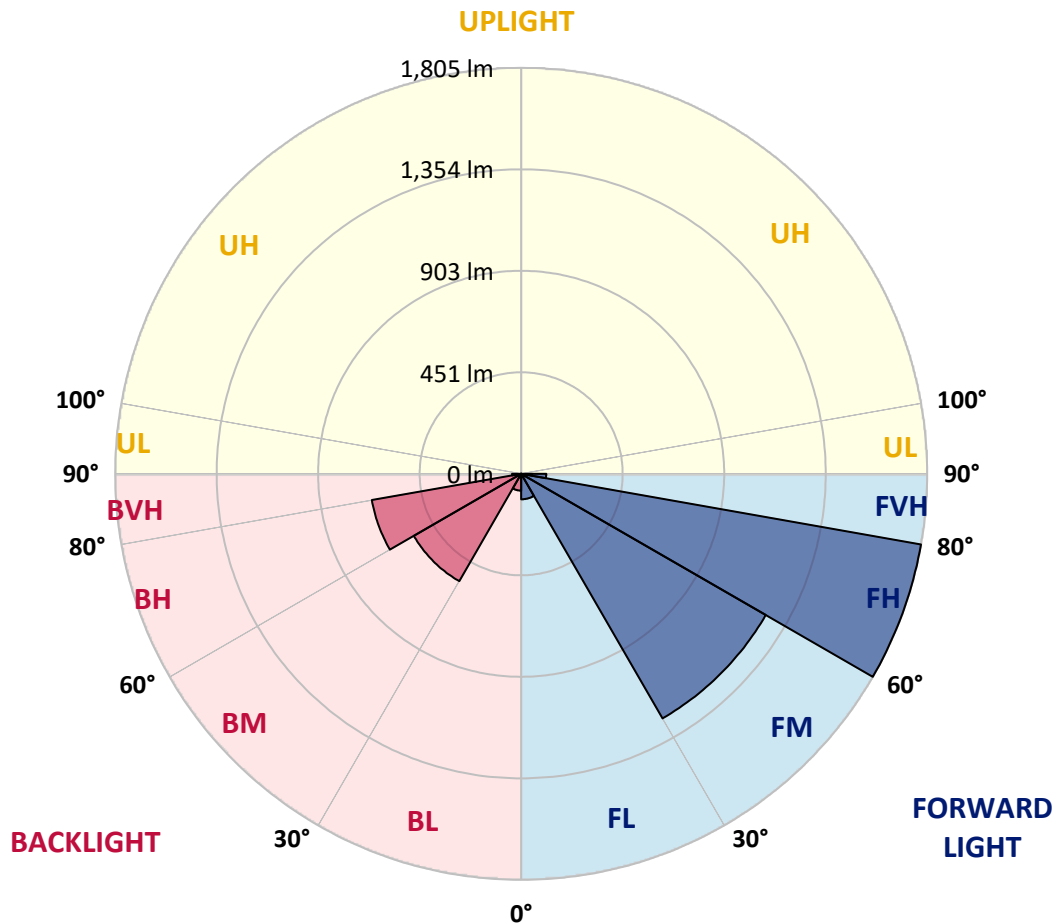
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	113.4	2.5			
FM	(30°-60°)	1255.7	27.1			
FH	(60°-80°)	1805.4	39.0			G2/5000
FVH	(80°-90°)	111.6	2.4			G2/225
BL	(0°-30°)	74.8	1.6	B0/110		
BM	(30°-60°)	551.2	11.9	B1/1000		
BH	(60°-80°)	674.1	14.6	B2/1000		G2/1000
BVH	(80°-90°)	40.8	0.9			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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0
2.5°	153.0	153.0	152.0	152.0	151.0	150.0	150.0	149.0	147.0	146.0	146.0
5°	162.0	162.0	161.0	161.0	159.0	157.0	156.0	155.0	153.0	150.0	149.0
7.5°	173.0	173.0	173.0	172.0	169.0	167.0	165.0	162.0	159.0	156.0	154.0
10°	188.0	187.0	187.0	185.0	182.0	179.0	176.0	173.0	168.0	163.0	161.0
12.5°	205.0	204.0	203.0	202.0	198.0	194.0	190.0	186.0	179.0	173.0	169.0
15°	224.0	223.0	222.0	221.0	217.0	212.0	207.0	201.0	192.0	184.0	180.0
17.5°	249.0	248.0	247.0	246.0	240.0	235.0	228.0	219.0	208.0	197.0	192.0
20°	274.0	274.0	274.0	272.0	268.0	262.0	254.0	242.0	229.0	213.0	206.0
22.5°	304.0	304.0	306.0	304.0	300.0	293.0	284.0	270.0	251.0	232.0	222.0
25°	339.0	339.0	342.0	342.0	338.0	330.0	319.0	301.0	277.0	255.0	242.0
27.5°	380.0	379.0	385.0	386.0	382.0	374.0	361.0	340.0	307.0	280.0	265.0
30°	428.0	426.0	434.0	437.0	435.0	429.0	412.0	387.0	348.0	311.0	292.0
32.5°	475.0	481.0	489.0	496.0	496.0	492.0	473.0	443.0	395.0	346.0	325.0
35°	535.0	541.0	558.0	565.0	568.0	568.0	548.0	514.0	455.0	396.0	367.0
37.5°	603.0	610.0	632.0	645.0	655.0	660.0	643.0	597.0	523.0	445.0	414.0
40°	680.0	689.0	717.0	738.0	759.0	768.0	752.0	694.0	601.0	506.0	467.0
42.5°	766.0	776.0	813.0	846.0	880.0	896.0	877.0	810.0	697.0	578.0	531.0
45°	861.0	873.0	923.0	971.0	1017.0	1047.0	1029.0	955.0	818.0	670.0	612.0
47.5°	966.0	980.0	1044.0	1110.0	1177.0	1226.0	1202.0	1122.0	965.0	786.0	713.0
50°	1077.0	1095.0	1176.0	1258.0	1354.0	1412.0	1395.0	1313.0	1121.0	909.0	820.0
52.5°	1190.0	1205.0	1314.0	1423.9	1540.9	1632.9	1642.9	1568.9	1367.0	1111.0	994.0
55°	1308.0	1328.0	1453.9	1589.9	1740.9	1919.9	1976.9	1870.9	1567.9	1229.0	1082.0
57.5°	1426.9	1444.9	1576.9	1760.9	1994.9	2217.9	2233.9	2025.9	1662.9	1284.0	1121.0
60°	1523.9	1543.9	1700.9	1950.9	2234.9	2426.9	2373.9	2111.9	1714.9	1309.0	1138.0
62.5°	1599.9	1625.9	1858.9	2152.9	2462.9	2617.9	2498.9	2189.9	1742.9	1308.0	1130.0
65°	1729.9	1766.9	2002.9	2323.9	2595.9	2698.9	2580.9	2262.9	1780.9	1303.0	1116.0
67.5°	1795.9	1820.9	2028.9	2325.9	2562.9	2629.9	2513.9	2199.9	1743.9	1269.0	1070.0
70°	1709.9	1746.9	1938.9	2232.9	2438.9	2477.9	2371.9	2057.9	1624.9	1163.0	976.0
72.5°	1549.9	1577.9	1744.9	2035.9	2207.9	2235.9	2149.9	1845.9	1441.9	1010.0	837.0
75°	1307.0	1331.0	1457.9	1729.9	1884.9	1912.9	1841.9	1552.9	1204.0	827.0	679.0
77.5°	997.0	1011.0	1109.0	1356.0	1505.9	1529.9	1465.9	1202.0	922.0	618.0	502.0
80°	629.0	637.0	733.0	938.0	1075.0	1089.0	1035.0	811.0	608.0	394.0	306.0
82.5°	258.0	256.0	307.0	482.0	588.0	563.0	580.0	373.0	278.0	170.0	127.0
85°	16.0	12.0	9.0	25.0	24.0	20.0	35.0	8.0	14.0	13.0	10.0
87.5°	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0
2.5°	145.0	144.0	143.0	142.0	141.0	140.0	140.0	139.0	139.0	139.0
5°	148.0	145.0	144.0	141.0	139.0	138.0	138.0	137.0	137.0	137.0
7.5°	152.0	149.0	146.0	143.0	140.0	138.0	137.0	137.0	136.0	136.0
10°	158.0	154.0	150.0	146.0	143.0	141.0	139.0	138.0	138.0	138.0
12.5°	167.0	160.0	155.0	150.0	147.0	144.0	142.0	141.0	141.0	141.0
15°	176.0	168.0	162.0	156.0	152.0	148.0	147.0	146.0	146.0	146.0
17.5°	187.0	177.0	169.0	162.0	158.0	154.0	153.0	152.0	152.0	151.0
20°	200.0	188.0	178.0	170.0	166.0	162.0	160.0	160.0	159.0	159.0
22.5°	214.0	199.0	188.0	179.0	175.0	170.0	169.0	169.0	169.0	168.0
25°	232.0	212.0	200.0	190.0	185.0	181.0	180.0	181.0	181.0	180.0
27.5°	253.0	228.0	213.0	202.0	198.0	194.0	194.0	194.0	196.0	194.0
30°	277.0	249.0	229.0	217.0	213.0	209.0	210.0	212.0	213.0	212.0
32.5°	305.0	270.0	249.0	235.0	231.0	227.0	229.0	233.0	236.0	232.0
35°	342.0	299.0	273.0	258.0	254.0	251.0	254.0	258.0	261.0	259.0
37.5°	381.0	330.0	301.0	284.0	280.0	277.0	281.0	286.0	290.0	287.0
40°	427.0	365.0	332.0	315.0	313.0	308.0	313.0	319.0	324.0	321.0
42.5°	481.0	408.0	369.0	350.0	349.0	344.0	349.0	356.0	361.0	359.0
45°	550.0	460.0	414.0	391.0	391.0	384.0	390.0	397.0	405.0	399.0
47.5°	636.0	528.0	467.0	435.0	436.0	430.0	434.0	441.0	449.0	443.0
50°	733.0	601.0	527.0	488.0	484.0	477.0	484.0	489.0	496.0	494.0
52.5°	873.0	710.0	611.0	548.0	537.0	527.0	534.0	534.0	543.0	541.0
55°	956.0	790.0	697.0	633.0	604.0	581.0	584.0	586.0	592.0	590.0
57.5°	992.0	821.0	739.0	696.0	672.0	643.0	635.0	630.0	639.0	638.0
60°	1003.0	832.0	755.0	729.0	721.0	703.0	689.0	678.0	679.0	678.0
62.5°	993.0	829.0	763.0	750.0	767.0	764.0	753.0	723.0	716.0	712.0
65°	978.0	823.0	767.0	759.0	771.0	788.0	791.0	781.0	779.0	773.0
67.5°	938.0	785.0	731.0	731.0	739.0	773.0	791.0	798.0	794.0	792.0
70°	852.0	718.0	677.0	679.0	685.0	733.0	760.0	772.0	757.0	759.0
72.5°	732.0	625.0	598.0	606.0	607.0	662.0	695.0	706.0	691.0	696.0
75°	591.0	511.0	497.0	512.0	511.0	561.0	592.0	605.0	592.0	603.0
77.5°	437.0	383.0	381.0	401.0	395.0	441.0	465.0	479.0	473.0	481.0
80°	275.0	249.0	256.0	278.0	264.0	305.0	323.0	334.0	324.0	335.0
82.5°	120.0	117.0	128.0	144.0	125.0	157.0	167.0	171.0	159.0	170.0
85°	8.0	9.0	10.0	13.0	5.0	12.0	18.0	14.0	12.0	11.0
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)