

## Resolution (Pitch)

**Resolution:** clarity of image

**Pixel:** one controlled point of light composed of one or more LEDs

**Pitch:** distance between pixel centers

**Density:** total LED's per square meter

Spectrum has created a full line of feature rich LED signs for effective communication.

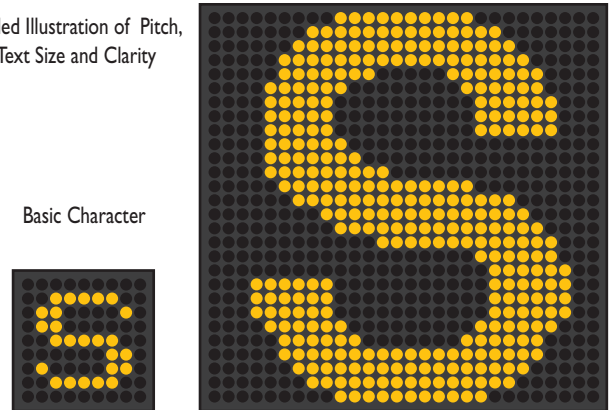
Considerations for choosing the right sign:

- **Budget**
- **Audience**
- **Distance from sign to audience**
- **Types and styles of messages**
- **Communication connection**

To see how pitch and resolution are related, step back from this page. At 10 feet, it is equal to being 100 feet from a sign.

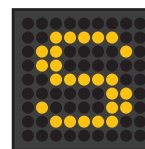
## Scaled Illustration of Pitch and Resolution

Scaled Illustration of Pitch, Text Size and Clarity

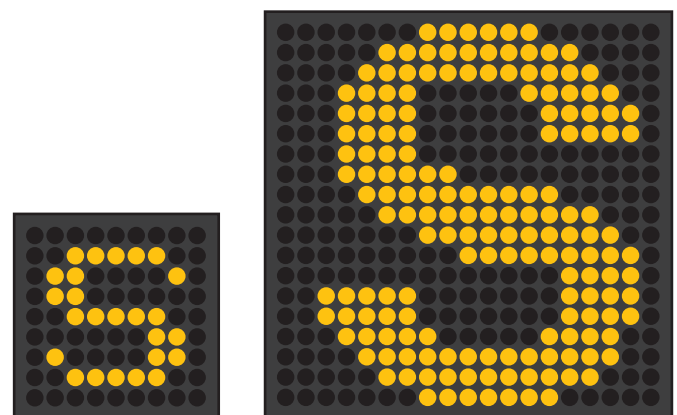


17mm pitch

Basic Character

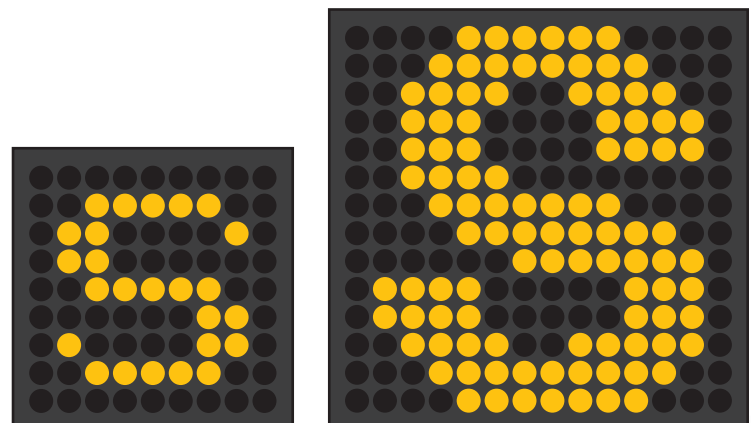


4.8"



7"

25mm pitch



10"

35mm pitch