



VIRACON®

2.4-8973-M 07/16/2015

DigitalDistinctions™

Art File and CAD File Requirements

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You will need to supply two separate types of digital files when ordering DigitalDistinctions. One file will contain the artwork (Art Files) and the other will contain the glass details (CAD Files).

1) **Art Files** contain the actual artwork or image:

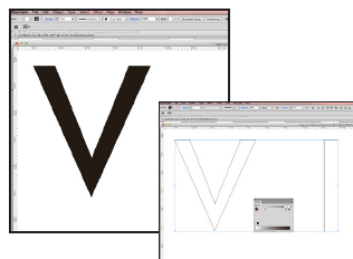
- Vector files are preferred over raster files whenever possible especially for line and dot patterns, logos and drawings. Vector files are printable at any size with no loss in resolution.
- A vector file will be one of three file types – **.ai**, **.eps** or **.pdf**. Of the three possible vector file formats, an **.ai** file type is always preferred.
- A raster file is an image made up of pixels. The size of the pixel is determined by a resolution setting. 300 ppi is the preferred resolution and 150 ppi is the minimum resolution at final printing size.
- Color and output size are limited with raster images.
- Raster files are acceptable only for images not available in vector format such as photographs taken with a digital camera.
- Raster image file formats in order of preference:
 - 1) **.psd** – Layers are saved and transparency is saved.
 - 2) **.psb** – Large file format. Layers are saved, transparency is saved and file size is very large and slow to work with. Must be scaled down or cropped and resaved as a **.psd** file type to print.
 - 3) **.tiff** – File format that introduces no compression artifacts
 - 4) **.pdf** – Created in a graphics package such as Adobe Photoshop
 - 5) **.bmp** – File format that introduces no compression artifacts
 - 6) **.jpeg** – A compressed file format and is acceptable only where no other options exist.Of the file types for raster images listed above, a **.psd** file format is always preferred.

2) **CAD Files** contain the layout of the elevation and artwork:

- **.dwg** files are CAD files that contain elevations, glass sizes and spacing between lites required for glazing systems as well as any special fabrication required such as holes and notches.
 - The **.dwg** file should include position of art on the glass lites. The final art must be supplied as a separate file.
- ✓ Raster and/or vector art files always need to be supplied in addition to the CAD file.

Sample art file type images:

Vector



Raster

