



Downloading & Using Media Targets – Read Me

The LightJet Media directories on the Océ FTP site have target files contained in self-extracting files available for downloading to an Intel platform. The media targets included there have been produced by either the media manufacturer or by Océ Display Graphics Systems. Under proper conditions they will provide acceptable results when using the LightJet imaging engine and LightJet Fusion software.

By default, these executables create new material directories in C:/LightJetFE/blend/material30/. If, after double clicking the self-extracting executable, you want the files installed into a different location from the selected default, simply change the path in the window that appears.

NOTE: The default starting exposure values (exposure compensations) included in these targets are only approximate. On your LightJet, these starting exposure values may produce Dmax densities either too high or, too low and subsequently will increase the number of attempts at Auto Dmax.

To modify the default starting values for future use in “new” calibrations, users can enter known good values (plus an additional 5-10%) in the material’s default.opt file located in the C:/LightJetFE/blend/material30/<media name> directory. The values for red, green and blue are listed in the first 3 lines of this text file.

It is good practice to visit the media download area regularly to check for new media and the latest target revisions. It is very important that the media being calibrated match the proper target for optimum results.

As media calibration is easily affected by numerous external factors it is important that the processor, densitometer, operator procedure and media all be consistent.

If you have any problems reaching the target Dmax values please do a “flash test” of the media to determine if the processing environment and media combination are appropriate. This involves taking a small piece of new media from the box and exposing it to room light for 5-10 seconds and processing. Read the strip through your densitometer and if the Dmax is not 0.2 to 0.3D higher than the target Dmax (as listed in LightJetMediaList.pdf) then your processor, chemistry and/or media should be investigated. The recommended RA4 processing conditions are as follows:

- Chemistry temperature was 95°F
- Processing paper & flex: development time = 45 seconds
- Developer replenishment = 27 ml/ft²
- Bleach/fix replenishment = 24 ml/ft²
- Processing trans & clear: development time = 2 minutes 20 seconds
- Developer replenishment = 54 ml/ft²
- Bleach/fix replenishment = 40 ml/ft²

DISCLAIMER: Media targets are posted on the FTP site strictly for your downloading convenience and in no way warrant their degree of compatibility. Use of these targets shall in no way hold Océ Display Graphics Systems liable for any subsequent loss or damage including but not limited to media, equipment or revenue. If you have difficulty calibrating or imaging on any media PLEASE CONTACT THE MEDIA MANUFACTURER FIRST as a growing number of targets posted are created and tested by the media manufacturers. Other factors beyond Océ’s control such as processing, densitometer and user related errors can also produce poor results. Océ Display Graphics Systems is limited to support of our LightJet printers, LightJet FE and Pictographics System Manager software as defined in your service agreement.