How to print from Lightroom when using Print Profiles.

1. Select image, go to **Print** at top right hand side. (RHS)(LHS) for short

2. Select **Page Setup** bottom LHS. Select your printer, paper size, orientation and Scaling 100% Click OK when done

3. Print Top RHS under the word Print

a. Layout Style. **Single Image**/Contact Sheet
b. Image Settings. **None** needed, Zoom to fill paper printing area but it will crop the image
c. Layout. Margins. I keep all the to minimum size unless printing to a specific size.
Page Grid. Rows 1, Columns 1.
Cell Size. If you have all margins set to minimum it will show size of printable area of the chosen paper size.
d. Guides. Keep all active.

4. **Print Job.**

a. Ignore draft printing mode
b. Print Resolution. 300ppi
c. Print sharpening. Low, Standard or High (see note at end)
d. Media Type. Drop down box. Glossy or Matt only? This is not good practice you need the option to choose a specific paper that gives you good linearisation, ink density and the thickness of the paper in order for the printer to required adjustments.
e. 16bit output. Only use if image is ProPhoto RGB in 16bit

Colour Management

a. Enter profile for printing paper used.
b. Rendering intent usually Perceptual. Relative colourmetric can sometimes be better for monochrome printing.

Print Adjustment

Test print then adjust if necessary.

There is a reminder here to turn off Colour Management it's off automatically on the Apple Mac.

Don't go to Print yet.

5. Printer. Bottom RHS (Will vary for different Printers)
This opens up a box.

a. Printer. Choose you own printer.
b. Presets. Here you can save a preset of the various settings you've created below for each type of paper you use.
c. Copies. As required.
d. Pages. All Pages
e. Layout. 1 page per sheet.
f. Paper Handling. Leave on collate sheets, when printing documents it will print the last page first so they are in the correct order.

Printer Options. Important to get this correct.

Colour Matching. If a profile has been chosen in Colour Management it should be shown greyed out, for Apple Mac this is automatic and Colour Sync will be seen greyed out but selected.

Print Settings. Basic

a. Page setup. Standard.
b. Paper Source. Rear Paper feed is normal for most printers printing A5 and above.
c. Media type. See paper manufacturers recommendations.
d. Colour. Greyed out.
e. Colour settings. Greyed out
f. Print Quality. High Quality.
g. Ignore Mirror Image

Press OK

Ignore Expansion and Two sided printing

Print info. Printer details including ink levels.

At last press **PRINT**

Ignore. Print Settings, bottom LHS

Notes

1. You should use the same settings for printing with Print Profiles that you used for making the Print Profiles.

2. I wanted to use Lightroom for printing profiling charts and for my final prints it seemed logical but as I wrote this I realised, as mentioned in Media Type above, I found the ink density of the final prints is far too great, the colours are correct as expected but far too dark. I am therefore going back to printing charts from within the Calibrite software and using the Epson Print Layout software for printing my final images.

This is more time consuming as you have to export the images from Lightroom to a specific folder which puts them into Print Layout and then be careful in setting the similar settings. The way around this if you want to use Lightroom is to do tests to find Exposure, Contrast, Highlights and Shadows settings that compensate for the ink density which caused the problem in the first place and then remember to use them on each new image and they may need adjusting this is not good practice.

I have now profiled my Fotospeed Platinum Gloss Art Fibre paper printing the charts from within the Calibrite software and printed an image using the profile in Epson Print Layout software and the results are excellent!!!

3. In 4. **Print Job** above I leave this on Standard as I usually sharpen most images however it may be good idea to use Low for portraits and if you have not sharpened use High.