

Landa S10 Nanographic Printing Press & Landa DFE based on EFI Fiery technology

Note: Certification is in accordance with Idealliance Digital Press Certification Program v2.3

The Idealliance Print Properties Digital Print Working Group has established a certification process for digital production presses (xerographic/inkjet). The following information is intended to assist printers and customers in understanding the printing conditions and how they were achieved and/or to replicate these results on a similar system.

I. Manufacturer

EFI, Electronics For Imaging
Kaiserswerther Str. 115
40880 Ratingen
Germany

Landa Digital Printing
13 Gad Feinstein Rd.
Rehovot 7658615
Israel

II. Product Name

Printer:	Landa S10 Nanographic Printing® Press
Software:	Landa DFE based on EFI Fiery technology S/N: E00013614
Controller:	Performance 4 Color
Printing substrate:	Sappi Magno™ Gloss 170 Gloss Coated

III. Overview

Landa S10 Digital press is a single sided B1 sheet fed press, targeted mainly for Packaging applications but can also serve the sign and display market for POP applications.

IV. System Components and Printing Procedure

Job Properties – Color

The following settings describe the color settings for **GRACoL2013 CRPC6**.

The screenshot shows the 'Job Properties' dialog box with the 'Color' tab selected. The 'Adobe PDF Print Engine Preferred' checkbox is checked. The 'Color mode' is set to 'CMYK'. The 'Output profile' is 'LandaS10_CoatedPaper_19_...' and the 'Calibration' is 'LandaS10_CoatedPaper'. The 'Color input' section is expanded, showing 'RGB/Lab' and 'CMYK' options. The 'CMYK' source is 'GRACoL2013 CRPC6 (EFI)'. The 'Grayscale' and 'Spot color' sections are also visible. The 'Color settings' section is expanded, showing various options like 'PDF/X output intent', 'Black text and graphics', 'Composite overprint', 'Auto trapping', and 'Cutback trapping'.

Job Properties

Job: [Job Name] Presets: [Presets]

☒ Adobe PDF Print Engine Preferred

Color mode:

- ☒ CMYK
- ☐ CMYK+ orange blue green

Output profile: LandaS10_CoatedPaper_19_... Calibration: LandaS10_CoatedPaper

Color input

RGB/Lab

RGB source: sRGB (PC)

☐ Use RGB embedded profiles

RGB rendering intent: Photographic

Print RGB gray using black only: Off

CMYK

CMYK source: GRACoL2013 CRPC6 (EFI)

☐ Use CMYK embedded profiles

CMYK rendering intent: Relative Colorimetric

☐ Black point compensation

Print CMYK gray using black only: Off

Grayscale

Grayscale source: Dot Gain 10%

☐ Use Gray embedded profiles

Grayscale rendering intent: Relative Colorimetric

Print gray using black only: Text/Graphics/Images

Spot color

☒ Spot color matching

Use spot group: Default

Color settings

☐ PDF/X output intent

☐ Separate RGB/Lab to CMYK source

Black overprint (for pure black): Off

☐ Substitute colors

☐ Optimize RGB transparency

ImageViewer Edits: No correction

Black text and graphics: Normal

☒ Composite overprint

☐ Auto trapping

Cutback trapping: Off

OK Cancel

Job Properties – Color (GRACoL2013 CRPC6)

Adobe PDF Print Engine Preferred: Enabled
Color mode: CMYK

Color Input (CMYK):

CMYK source: GRACoL2013 CRPC6 (EFI)
Use CMYK embedded profiles: Disabled
CMYK rendering intent: Relative Colorimetric
Black Point Compensation: Off
Print CMYK gray using black only: Off

Color Input (RGB/Lab):

RGB source: sRGB (PC)
Use RGB embedded profiles: Disabled
RGB rendering intent: Photographic
Print RGB gray using black only: Off

Color Input (Grayscale):

Grayscale source: Dot Gain 10%
Use Gray embedded profiles: Disabled
Grayscale rendering intent: Relative Colorimetric
Print gray using black only: Text/Graphics/Images

Color Input (Spot color):

Spot color matching: Enabled
Use spot group: Default

Color Settings:

PDF/X output intent: Disabled
Separate RGB/Lab to CMYK source: Disabled
Black overprint (for pure Black): Off
Substitute colors: Disabled
Optimize RGB transparency: Disabled
ImageViewer Edits: No correction
Black text and graphics: Normal
Composite overprint: Enabled
Auto trapping: Disabled
Cutback trapping: Off

Calibration and output profile settings

Calibration Settings for GRACoL2013 CRPC6:

Measurement condition:	M1
Ink limits per channel:	Not available in UI (auto ink limit used (100%))
Total ink limit:	220%

Profiler Settings for GRACoL2013 CRPC6:

Black controls:

Maximum black ink:	100
Black start:	20
Black generation:	80
Black width:	80

Advanced black controls:

Maximum total ink:	400
Automatic black point finder:	Disabled
Cyan:	40
Magenta:	40
Yellow:	40
Cyan to black:	1.0
Magenta to black:	1.0
Yellow to black:	0.4
Red to black:	1.0
Green to black:	1.0
Blue to black:	1.0

Gamut mapping options:

Chroma:	Normal
Lightness:	0.0
Contrast:	0.0
Shadow lightness:	Normal

Processing:

Input data smoothing amount:	0.5
Table smoothing perceptual:	0.5
Table smoothing colorimetric:	0.0
Table smoothing saturation:	0.5
Illuminant:	Illuminant D50
Table size perceptual input:	21
Table size colorimetric input:	21
Table size perceptual output:	33
Table size colorimetric output:	33
Table size saturation output:	33

V. Finishing Procedures (Optional)

No Coating was added to the prints.

VI. Additional Data (Optional)

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