



Proofing Procedure Guide

English

Brisque 4.1 and Iris 2Print/4Print

**Outputting a Proof for the PPA
Proof4press Standard**

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Introduction

This document describes how to use Brisque® software and an Iris® 2PRINT™ or 4PRINT™ proofer to output a proof that meets the Periodical Publishers Association (PPA) proof4press standard.

The proof4press standard defined by PPA (<http://www.PPA.co.uk/>) conforms to ISO (International Organization for Standardization) printing standard 12647, and it currently concentrates on magazines produced on coated paper in the United Kingdom. For more information on ISO, see their web site (<http://www.iso.org/>).

Creo supports the proof4press standard by providing PPA-certified DeviceLink profiles for Iris 2PRINT or 4PRINT. PPA provides the other tools you need: the PPA proof4press control strip and the proof4press Verifier software. For more information about the PPA tools, see *PPA Tools* on page 3.

The main steps for outputting a proof that meets the proof4press standard are:

1. Calibrate Iris 2PRINT or 4PRINT for the IrisPRO™ Media - DCP Commercial.
2. Set up Brisque to apply the PPA DeviceLink profile and place the PPA proof4press control strip to output an Iris proof that meets the PPA proof4press standard.
3. Measure the PPA proof4press control strip, using an X-Rite DTP41 with UV filter.
4. Import the measurement data into the proof4press Verifier software to verify that it is within the 2 ΔE tolerance.

The press operator uses the proof as a guide to help correctly print the job.

Tools Required

Table 1 lists the tools you will need.

Table 1: Tools required

Tool	Where to Find the Tool
PPA-certified DeviceLink profile for Iris	Available as a download for Iris on the eCentral Web site: https://ecentral.creo.com/eCentral/Self_Support/Downloads.asp
PPA proof4press control strip	Submit a request for a free copy from PPA via this Web site: http://www.lmal.co.uk/order_now.asp .
PPA proof4press Verifier software	Order it from PPA via this Web site: http://www.lmal.co.uk/order_now.asp .
X-Rite DTP41 spectrophotometer with UV filter	You are responsible for supplying this measuring device.

Versions of Brisque and Iris Supported

This document applies to:

- Brisque version 4.1 or later
- Iris 2PRINT or 4PRINT proofer

Assumptions

This document assumes that Brisque is connected to the Iris proofer and that you are able to output proofs.

Other Reference Material

- Brisque online help
- Iris documentation

Proofing Workflow Overview

When using Brisque software with an Iris 2PRINT or 4PRINT proofer to output proofs that meet the PPA proof4press standard, you must use Brisque software to apply the PPA DeviceLink profile and place the PPA proof4press control strip.

PPA Tools

Three tools are available to help you output proofs that meet the proof4press standard:

- PPA proof4press control strip
- PPA-certified DeviceLink profile for Iris 2PRINT or 4PRINT
- proof4press Verifier software

This section describes the PPA proof4press control strip, the PPA-certified DeviceLink profile for Iris 2PRINT or 4PRINT, and the proof4press Verifier software.

PPA Proof4press Control Strip

The PPA proof requirements center around the PPA proof4press control strip.



Figure 1: Example of the PPA proof4press control strip

The PPA proof4press control strip consists of 18 patches of varying levels of grayscale.

PPA-Certified DeviceLink Profile for Iris

PPA certification on Iris 2PRINT or 4PRINT is currently only available IrisPRO Media - DCP Commercial. Calibrate the Iris 2PRINT or 4PRINT proofer for this media and use this media and the certified DeviceLink profile identified in Table 2 when producing a PPA-certified proof.

Table 2: PPA-certified DeviceLink profile for Iris 2PRINT or 4PRINT

Media	PPA Standard	PPA DeviceLink Profile
IrisPRO Media - DCP Commercial	proof4press	IRIS_IPCSM_030_PPA_C.dvl

Proof4press Verifier Software and Tolerances

The allowed tolerances for the PPA proof4press control strip are 2 ΔE . Use an X-Rite DTP41 with UV filter to measure the PPA proof4press control strip, and then enter the measurements into the proof4press Verifier software. The proof4press Verifier software indicates whether the readings of the proof4press control strip are within the 2 ΔE tolerance specified.

Setting Up Iris 2PRINT or 4PRINT

Calibrate the 2PRINT or 4PRINT proofer for the following media and ink to prepare for outputting proofs that meet the proof4press standard:

- IrisPRO Media - DCP Commercial
- Iris Professional Graphic Arts Ink Kit

Using Brisque to Manage Color

This section describes how to use Brisque to apply the PPA DeviceLink profile and place the PPA proof4press control strip for output on an Iris proofer.

Setting Up Brisque

The main steps are:

1. Copy the PPA files to Brisque. See *Copying the PPA Files to Brisque* on page 6.
2. Create a Digital Color Profile (DCP) color set for the PPA DeviceLink profile. See *Creating a DCP Color Set on the Brisque Server* on page 6.
3. Set up the Proof operation to place the PPA proof4press control strip, manage color, and output proofs. See *Setting Up the Proof Operation and Turning On Color Management* on page 7.

Copying the PPA Files to Brisque

This section describes how to copy the PPA DeviceLink profile and the PPA proof4press control strip to the local Brisque.

To copy the PPA files to Brisque:

1. Using a Macintosh® computer, place the PPA DeviceLink profile in the following location on the local Brisque: **SharedItems\ICC_Profiles**.
2. Place the PPA proof4press control strip (TIF file format) in the following location on the local Brisque: **SharedItems\Color_Strip**.

Creating a DCP Color Set on the Brisque Server

This section describes how to create a DCP color set for the PPA profile. You create the DCP color set on the Brisque server, and you need administrator rights to perform this procedure.

The choices you make for the options identified in Table 3 are required, because the options work together.

Table 3: Required Brisque settings for the DCP

Option	Setting
Device Link Profile	Use the PPA DeviceLink profile: IRIS_IPCSM_030_PPA_C.dvl.
Calibration Name	IrisPRO Linear Com

To create a DCP color set:

1. At the Brisque server, in the workflow palette, double-click the Devices icon.
2. Expand **Proof > Iris**, and then highlight the name of the proofer.
3. Click **Color Set**.
4. In the Color Set List dialog box, click **New**.
The DCP Color Sets dialog box appears.
5. Set the following options:
 - From the **DCP Mode** box, select **ICC Profiles**.
 - Select the **Device Link Profile** check box, and then navigate to and select the PPA DeviceLink profile: **IRIS_IPCSM_030_PPA_C.dvl**.
 - In the **Calibration Name** list, select **IrisPRO Linear Com**.
6. Click **Save As**.
7. In the **Save this color set as** box, type a meaningful name for the DCP color set, and then click **OK**.
8. Click **Exit** twice.

Setting Up the Proof Operation and Turning On Color Management

This section describes how to set up a Proof operation to apply the DCP color set and place the PPA proof4press control strip. You set up the Proof operation at the Brisque client workstation.

To set up the Proof operation:

1. At the Brisque client workstation, in the Workflow palette, click the arrow on top of the Hot Folder icon, and then double-click the Builder icon.
The Template Builder dialog box appears.
2. In the **Select Operation** area, click the Proof icon.
3. In the **Template** area, double-click the Proof icon.
The Proof dialog box appears.

4. Set the following options:
 - In the **Device** list, select the proofer to which you want to output.
 - At the **Color Mode** list, select the DCP set you created.
 - Select the **Labels** check box, and then click the **Labels** button.
The **Labels** dialog box appears.
 - Select the labels you want to appear on the proof.
 - Select the **Color Strip** check box, and from the list, select the PPA proof4press control strip.
 - Select the **Proof Color Strip Using ICC Profiles** check box.
5. Set the remaining options as desired.
6. Click **OK**.
7. In the **Template Name** box, type a name for the template.
8. Click **Save**.
9. In the **Template name** box, type a name for the template, and then click **OK**.

Outputting Proofs

Drop your jobs on the Brisque template to output proofs. For details on outputting proofs, see the Brisque documentation.