FAQ F80

1. **What is F80?**

Answer: F80 is Barco latest family of compact laser illuminated projectors for the events & proav industry with brightness up to 9,000 lm

2. **Which F80 models do you have?**

Answer: F80-Q7, F80-4K7, F80-Q9 and F80-4K9

3. **What is the price of F80?**

Answer: please contact your local sales for more information on pricing & packages.

4. **What is the shipping date in China? CCC approved?**

Answer: Shipping from October 2017 onwards

5. **I would like to request a demo, what should I do?**

Barco sales: you can order a demo unit through the demo pool system as of September 2017

Other: please contact your local representative for more info.

6. **Where can I buy a F80 in my region?**

Answer: Please fill out a contact form on www.barco.com/en/contact or contact your local sales representative for more information

7. **When will F80 be shipping?**

Answer: All models will be available as of Oct 2017.

8. **Can I connect the projector to a normal power socket?**

Answer: Yes. The projector is fully functional, even at power sockets as low as 100V

9. **What is the lens shift?**

Answer: up to 143%, depending on the lens (see ID card or website for lens specifications).

10. **Is camera alignment available?**

Answer: not at this moment.

11. **How long is the lifetime of the laser phosphor light source?**

Answer: Max lifetime: +40,000h

12. **Power consumption**

Answer: Max 850 watt for the 7k lm versions. For the 9k lm versions, the max is 1100 watt.

13. What is the weight of the unit?

Answer: 25,5 kg

14. Are there filters inside this unit?

Answer: No.

15. How can I rotate the F80 projector?

Answer: you can rotate the unit 360°, any angle is possible thanks to the laser phosphor light source.

16. What is the service interval?

Answer: No service required for the lifetime of 20,000 hours.

17. Does Projector Toolset support this projector?

Answer: Yes.

18. How can I update my software with the latest software release?

Answer: The latest releases can be found on barco.com. You can update your projector via the USB input.

19. Will I lose brightness when using the 4K unit in WU resolution?

Answer: No. The brightness remains

20. Is there a hardware shutter?

Answer: no. There is a shutter function available. When pressing the shutter button, the lasers are instantaneously shut off.

21. Are my existing TLD+ lenses compatible?

Answer: No, the F80 supports GLD and FLD/FLD+ lenses

22. Why does the F80 not come in a WUXGA version?

Answer: The F80 uses the new 0.64" TRP chip technology from Texas Instruments and this chip doesn't exist in the WUXGA resolution. The F80 has a higher resolution, WQXGA (2560x1600), which has the same aspect ratio (16/10) as WUXGA, but at the price of a WUXGA projector.

23. Will a WUXGA input on the F80-Q versions look good?

Answer: The WUXGA input image is scaled up via the Single Step Processing from the Pulse electronics. That upscaling is done on a canvas of 5120x3200 to scale up lossless. To further increase the quality of the image, the representation on the screen will be done using the actuator, to ensure a crisp image on the screen. This feature will become available with a software update.

24. Will the FLD-lenses, designed for larger pixels, be good enough for use on the F80?

Answer: We recommend using the GLD-lenses on the F80. These all glass lenses are designed for the best image quality on the F80. If the throw ratio is not available in the GLD-range, please use the FLD+ lenses. The FLD+ lenses are designed for the smallest pixels in the 0.9" chip and will also perform well on the F80.

To use the FLD/FLD+ lenses, a lens adapter is available. The FLD-lenses fit on the F80, but the image sharpness will be less good then the FLD+ and the GLD lenses.

25. Does the F80 have support for 3D?

Answer: Yes, both passive and active solutions are available.

26. Can Infitec 3D filters be used on the F80?

Answer: Infitec filters cannot be used on the F80, and also not on any other laser phosphor projector.

27. There exist many variations of 4K resolutions. What can be displayed by the F80?

Answer: We can be short on this. All possible variations will be displayed by the F80: 4096x2400, 4096x2160, 3840x2400, 3840x2160 and all at 60Hz.

28. Does the F80 have multiple color wheel options?

Answer: No, the F80 comes with one color wheel for all applications

29. Does the F80 have support for warp & blend?

Answer: Yes, the F80 is running on the Barco Pulse electronics platform with embedded warp & blend functionality

30. Is the F80 suitable for multi-channel installations?

Answer: Yes.

31. Is the F80 available in white?

Answer: Currently, the F80 is available in black.

32. Is the user interface and communication protocol on the F80 the same as on other Barco projectors?

Answer: Yes, the F80 is running on Pulse electronics, the same as F70, F90, HDX-4K and UDX.

33. Is there a SW tool for control and command of the F80?

Answer: Yes, the F80 is supported in the Projector Toolset.

34. Is there an Ultra Short lens option for the F80?

Answer: Yes, the FLD+ EN68 can be used with a lens adapter.