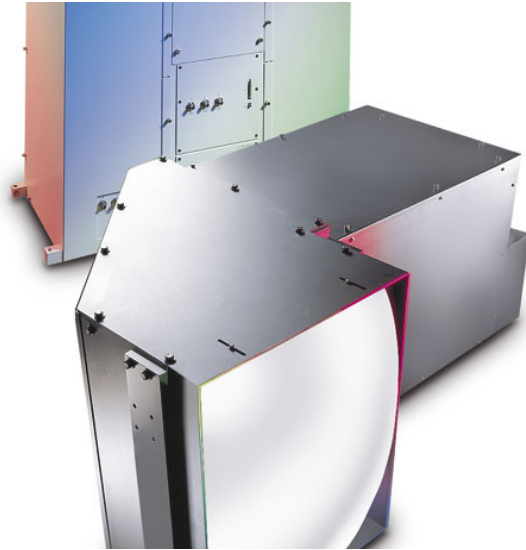


# Model 5048 Raster/Calligraphic MRP™

Effectively replace obsolete 25" CRT-based, FAA level D monitor visual systems



The Model 5048 MRP is a full-featured projection system designed specifically to replace obsolete 25-inch monitor visual systems used in wide angle collimated (WAC) window optical systems. With the MRP you can upgrade your simulator visual systems using the original optics, facility and motion base, as opposed to costly upgrades to cross-cockpit visual systems that often may not fit due to facility constraints and motion-base limitations.

The MRP uses Barco-Xenia proprietary design, including our exclusive optical and electronic components specifically designed to replace 25-inch CRT-based monitor systems.

#### **Improved image quality**

The screen is truly spherical which allows the display system to achieve better collimation and therefore more realistic training.

#### **Retention of existing optics**

The MRP can be installed into the original WAC widow optics package.

#### **Universal interface**

Commercially available image generators can be interfaced to the MRP. It is possible to keep your current IG or upgrade to a new system.

#### **Level C or Level D operation**

The 5048 MRP has achieved certification in FAA level C and level D full-flight simulators.

#### **3-year Warranty**

Exclusive three-year warranty with Guaranteed Service Policy, which guarantees that your equipment will be repaired and returned within one week.

**BARCO**

Visibly yours

# Technische Daten

<b>Lichtstrom</b>	6 fL at the pilot eyepoint 40 fL screen
<b>Kontrast</b>	30:1 on a full screen checkerboard
<b>Helligkeitsgleichförmigkeit</b>	+/- 25% of the average
<b>Geometrie</b>	+/- 1 % of the picture height Geometry stability: +/- 0.25 % of the picture height, 12 hours
<b>Konvergenz</b>	+/- 0.1 % of the picture height Convergence stability: +/- 0.2 % of the picture height, 12 hours
<b>Umwelt</b>	Temperature: • Operating: 55 -90° F • Non-operating: -40 to +160° F Humidity: • Operating 20 - 80 %, non-condensing • Non-operating: 95% non-condensing Vibration: 3 G
<b>Gewicht</b>	Projection head unit (PHU): 56.8 kg (125 lb.)