Cost comparison.

**Preshower**
- **SDU:**
  - $600 \times 1800 = \$180,000$
- **DEP:**
  - Total: \$65,000 (Molding)
  - or \$216,000 (Machining)
- **SG:**
  - No groove, prototype: \$550 \times 1
  - \$450 \times 2

**SDU**
- FA: $1500 \times 240 = \$360,000 = \$60,000 \times 6$  
- LA: $2300 \times 60 = \$230,000$
- (no groove)

**IHED**
- (Very rough based on material only), 1.5 mm groove?
  - $10k \times 4 = \$40k$
  - $40k \times 4 = \$160k$
  - $200k$

**SG**
- 2 cm:
  - FA \$160 \times 240 = \$378k$
  - LA \$160 \times 60 = \$65.2k$
- (no groove)

**Ej/en**

Shower:

**IHED**
- SCI: $30k + 200 \times 8 = \$316k$
- Lead: $15k + 120 \times 8 = \$178k$
- Endcap: $930 \times 8$, assembly $320 \times 8$, test + fab $110 \times 8$
- Also: $2.7k$ custom + transportation, $618k$ drawing, test stand
- Lead (if lead alone)
  - $86.62 \text{ ea} \times 2000 = \$173.24k$
  - (machining to reduce cost)

**UVA**
- Sci: $3k \times 2 + 200 \times 8 = \$140k$
- Lead: $15k + 120 \times 8 = \$640k$
- Total: $1.27 \times 1800 = 2.1286 \times 1.3 = 2.871k$
- Including: $230$ Fringe, nuts, $320$ assembly, $110$ fiber, testing

Also stamping (lead) material:
- $543$ each

**UVA**
- Lead (if lead alone)
  - $60 \text{ ea} \times 400,000 = \$240k$
  - or $176k$
- Material: $11.34 \text{ g/cm}^2 \times 0.5 \text{ mm} \times 160 \text{ cm} = 56.79 \text{ g/layer}$
- $100,000$ layers $= 2.16 \times 10^6$ kg
- $< 25,000 \text{ lb}$