Sensors currently implemented in dd4hep:

<u>eRICH</u>

- based on Hamamatsu S13361-3050AE-08
 - geometry: 2.5 x 2.5 x 0.15 cm
 - 3876 sensors count
 - = 2.4 m²

<u>dRICH</u>

- based on Hamamatsu H13700 MAPMT
 - geometry: 5 x 5 x 3.5cm (approx.)
 - 223 sensors per sector
 - 6 sectors
 - = 1338 total
 - = 3.3 m²
- cf. JLEIC design:
 - based on ____?___
 - geometry: 5 x 5 x 1 cm
 - 168 sensors per sector
 - 6 sectors
 - = 1008 total
 - = 2.5 m²



6 radial points, 24 azimuthal points (3+1/2+1/2 per sector), 30 events/point



6 radial points, 24 azimuthal points (3+1/2+1/2 per sector), 30 events/point



less (θ, ϕ) points, higher stats, to see aerogel rings more clearly

3 radial points, 12 azimuthal points (1+1/2+1/2 per sector), 300 events/point