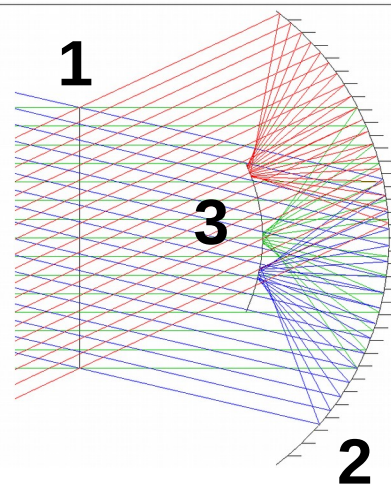


# Prototype of Sphere-3 detector OPTICAL SYSTEM LAYOUT

UNITS: MM  
DES: OSLO

150



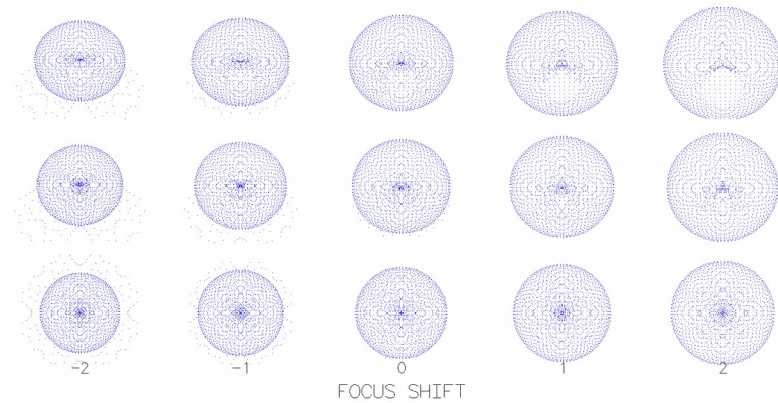
- 1) Diaphragm  
Ø460 mm;
- 2) Mirror  
Ø800 mm  
 $R_{\text{curv}} = 500$  mm;
- 3) Photo-sensor  
Ø250 mm,  
 $R_{\text{curv}} = 300$  mm.

FULL FIELD  
25deg

0.7 FIELD  
18.1deg

ON-AXIS  
0deg

20



SPOT SIZE & FOCUS SHIFT: UNITS = mm  
WAVELENGTHS (µm)  
W1: 0.42 W2: 0.42 W3: 0.55

Prototype of Sphere-3 detector  
SPOT DIAGRAM ANALYSIS

OSLO  
22.0  
04:59 PM

