The space in and around a cubical box (edge length L) is filled with a constant uniform electric field, $\vec{E}=E \hat{y}$. What is the TOTAL electric flux $\oint \vec{E} \cdot d \vec{a}$ through this closed surface?
A.Zero
B.EL²
C.2EL²
D.6EL²
E. We don't know $\rho(r)$, so can't answer.

