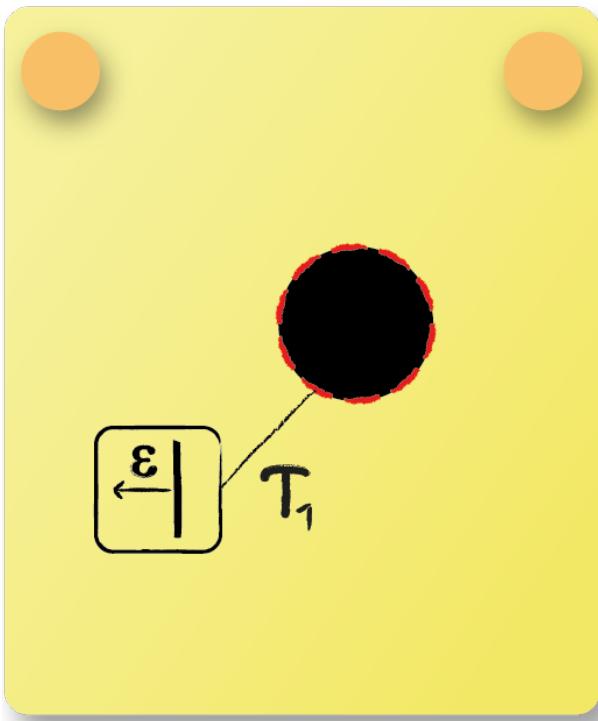


# Surface Brightness: Task 1



The image shows a black body.

- 1   $\dot{Q}_1 = \sigma \cdot A_1 \cdot T_1^4$
- 2  Any type of reflection and transmission is not existent in a black body. Its surface brightness therefore only contains black body radiation.