HL-LHC v1.5. Flat optics. Start of levelling. CC ON. Bunch 1963.
$N_b \simeq 2.3 \times 10^{11}$ ppb, $\beta^*_{y, IP1} = 0.5$ m, $\beta^*_{x, IP1} = 1$ m, $\Phi/2_{IP1(H)/5(V)} = 250 \mu$rad

$\sigma_z = 7.61$ cm, $\Phi/2_{IP8, V} = 170$ μrad, $\varepsilon_n = 2.5$ μm, $Q' = 5.0$, $I_{MO} = 410.0$ A, $C^- = 0.001$
F. Scheme : 8b4e_1972b_1960_1178_1886_224bpi_12inj