

HL-LHC v1.5. Flat optics. End of levelling. CC ON. Bunch 1963.

$N_b \simeq 1.4 \times 10^{11}$ ppb, $\beta_{y,IP1}^* = 7.5$ cm, $\beta_{x,IP1}^* = 18$ cm, $\Phi/2_{IP1(H)/5(V)} = 250 \mu\text{rad}$

$\sigma_z = 7.61$ cm, $\Phi/2_{IP8,V} = 170 \mu\text{rad}$, $\varepsilon_n = 2.5 \mu\text{m}$, $Q' = 15$, $I_{MO} = 60.0$ A, $C^- = 0.001$

F. Scheme : 8b4e_1972b_1960_1178_1886_224bpi_12inj

