

HL-LHC v1.5. Flat optics. End of levelling.

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

CC ON, $\sigma_z = 7.61$ cm, $\Phi/2_{IP8,V} = 170$ μ rad, $\epsilon_n = 2.5$ μ m, $Q' = 15$, $I_{MO} = 60$ A, $C^- = 10^{-3}$

