

Nucleon-nucleon center-of-mass energy	$\sqrt{s_{\text{NN}}} = 8.16 \text{ TeV}$
Peak luminosity	$6.13 \cdot 10^{29} (6.82 \cdot 10^{29}) \text{ cm}^{-2} \text{ s}^{-1}$
Peak pileup	0.25 (0.28)
Injection scheme	100_200ns_702p_584Pb_474_216_163_20inj (100_200ns_540Pb_684p_513_224_162_20inj)
Beam 1/2 intensity	$156.6/93.5 (93.9/166.1) \cdot 10^{11}$
Number of bunches in beam 1/2	702/584 (540/684)
Number of colliding bunches in beam 1/2	474 (513)
Beams crossing angle	140 (140) μrad
β function at IP5 (β^*)	60 (60) cm
Transverse emittance	$\approx 5.5 \cdot 10^{-4} \mu\text{m}$