

		Barrel	End-cap
EM calorimeter			
Number of layers and $ \eta $ coverage			
Presampler	1	$ \eta < 1.52$	$1.5 < \eta < 1.8$
Calorimeter	3	$ \eta < 1.35$	$1.375 < \eta < 1.5$
	2	$1.35 < \eta < 1.475$	$1.5 < \eta < 2.5$ $2.5 < \eta < 3.2$
Granularity $\Delta\eta \times \Delta\phi$ versus $ \eta $			
Presampler	0.025×0.1	$ \eta < 1.52$	0.025×0.1 $1.5 < \eta < 1.8$
Calorimeter 1st layer	$0.025/8 \times 0.1$	$ \eta < 1.40$	0.050×0.1 $1.375 < \eta < 1.425$
	0.025×0.025	$1.40 < \eta < 1.475$	0.025×0.1 $1.425 < \eta < 1.5$
			$0.025/8 \times 0.1$ $1.5 < \eta < 1.8$
			$0.025/6 \times 0.1$ $1.8 < \eta < 2.0$
			$0.025/4 \times 0.1$ $2.0 < \eta < 2.4$
			0.025×0.1 $2.4 < \eta < 2.5$
			0.1×0.1 $2.5 < \eta < 3.2$
Calorimeter 2nd layer	0.025×0.025	$ \eta < 1.40$	0.050×0.025 $1.375 < \eta < 1.425$
	0.075×0.025	$1.40 < \eta < 1.475$	0.025×0.025 $1.425 < \eta < 2.5$ 0.1×0.1 $2.5 < \eta < 3.2$
Calorimeter 3rd layer	0.050×0.025	$ \eta < 1.35$	0.050×0.025 $1.5 < \eta < 2.5$
Number of readout channels			
Presampler	7808		1536 (both sides)
Calorimeter	101760		62208 (both sides)
LAr hadronic end-cap			
$ \eta $ coverage			$1.5 < \eta < 3.2$
Number of layers			4
Granularity $\Delta\eta \times \Delta\phi$			0.1×0.1 $1.5 < \eta < 2.5$
			0.2×0.2 $2.5 < \eta < 3.2$
Readout channels			5632 (both sides)
LAr forward calorimeter			
$ \eta $ coverage			$3.1 < \eta < 4.9$
Number of layers			3
Granularity $\Delta x \times \Delta y$ (cm)			FCal1: 3.0×2.6 $3.15 < \eta < 4.30$
			FCal1: \sim four times finer $3.10 < \eta < 3.15$, $4.30 < \eta < 4.83$
			FCal2: 3.3×4.2 $3.24 < \eta < 4.50$
			FCal2: \sim four times finer $3.20 < \eta < 3.24$, $4.50 < \eta < 4.81$
			FCal3: 5.4×4.7 $3.32 < \eta < 4.60$
			FCal3: \sim four times finer $3.29 < \eta < 3.32$, $4.60 < \eta < 4.75$
Readout channels			3524 (both sides)
Scintillator tile calorimeter			
	Barrel		Extended barrel
$ \eta $ coverage	$ \eta < 1.0$		$0.8 < \eta < 1.7$
Number of layers	3		3
Granularity $\Delta\eta \times \Delta\phi$	0.1×0.1		0.1×0.1
	0.2×0.1		0.2×0.1
Readout channels	5760		4092 (both sides)