

ID	Name	Description	Rationale	Design Validation	Verification Method
LRO-010	Photon detection efficiency	The photon detection efficiency shall be > 1% for the LCM and >0.1% for Arc Light	This specification, in combination with LRO-12, should provide the required efficiency and accuracy in charge-light signal matching.	ScSims	Full Scale Demonstrator & ScSimulation
LRO-012	Spatial Resolution/ fast timing within a module	Spatial resolution shall be <50 cm	This specification, in combination with LRO-12, should provide the required efficiency and accuracy in charge-light signal matching.	Design/ ScSims	Full scale Demonstrator/ ScSims