

Sources	$H \rightarrow Z\gamma \rightarrow \ell\ell\gamma$	$H \rightarrow \gamma^*\gamma \rightarrow \mu\mu\gamma$
Theory		
- Gluon-gluon fusion cross section (scale)	3.9%	3.9%
- Gluon-gluon fusion cross section (PDF)	3.2%	3.2%
- Vector boson fusion cross section (scale)	+0.4% -0.3%	+0.4% -0.3%
- Vector boson fusion cross section (PDF)	2.1%	2.1%
- W associate production (scale)	+0.5% -0.7%	+0.5% -0.7%
- W associate production (PDF)	1.9%	1.9%
- Z associate production (scale)	+3.8% -3.1%	+3.8% -3.1%
- Z associate production (PDF)	1.6%	1.6%
- Top pair associate production (scale)	+5.8% -9.2%	n.a.
- Top pair associate production (PDF)	3.6%	n.a.
Underlying Event/Parton Shower		
- Muon	3%	4.7%
- Electron	3%	n.a.
Branching fraction	5.7%	6%
Luminosity	2.5%	2.5%
Lepton identification (ID) and isolation		
- Muon channel	0.6%	2%
- Electron channel	1.2%	n.a.
Photon identification (ID) and isolation		
- Muon channel	2.3%	1.6%
- Electron channel	2.2%	n.a.
Pileup reweighting		
- Muon channel	0.6%	0.3%
- Electron channel	0.9%	n.a.
R_9 reweighting		
- Muon channel	6.5%	9%
- Electron channel	6.8%	n.a.
Trigger		
- Muon	1.3%	4%
- Electron	1%	n.a.
Energy/Momentum – muon channel		
- signal mean	0.04%	0.08%
- signal resolution	4%	5%
Energy – electron channel		
- signal mean	0.15%	n.a.
- signal resolution	4%	n.a.
Jet energy scale		
- Muon	2.5%	3.8%
- Electron	2.7%	n.a.
Jet energy resolution		
- Muon	0.3%	0.7%
- Electron	0.3%	n.a.