

Dataset	Size	pose	annot.	synt.
300-W	4,000	$[-45^{\circ}, 45^{\circ}]$	2D	No
300W-LP-2D	61,225	$[-90^{\circ}, 90^{\circ}]$	2D	Yes
300W-LP-3D	61,225	$[-90^{\circ}, 90^{\circ}]$	3D	Yes
AFLW2000-3D	2,000	$[-90^{\circ}, 90^{\circ}]$	3D	No
300-VW	218,595	$[-45^{\circ}, 45^{\circ}]$	2D	No
LS3D-W (ours)	230,000	$[-90^{\circ}, 90^{\circ}]$	3D	No