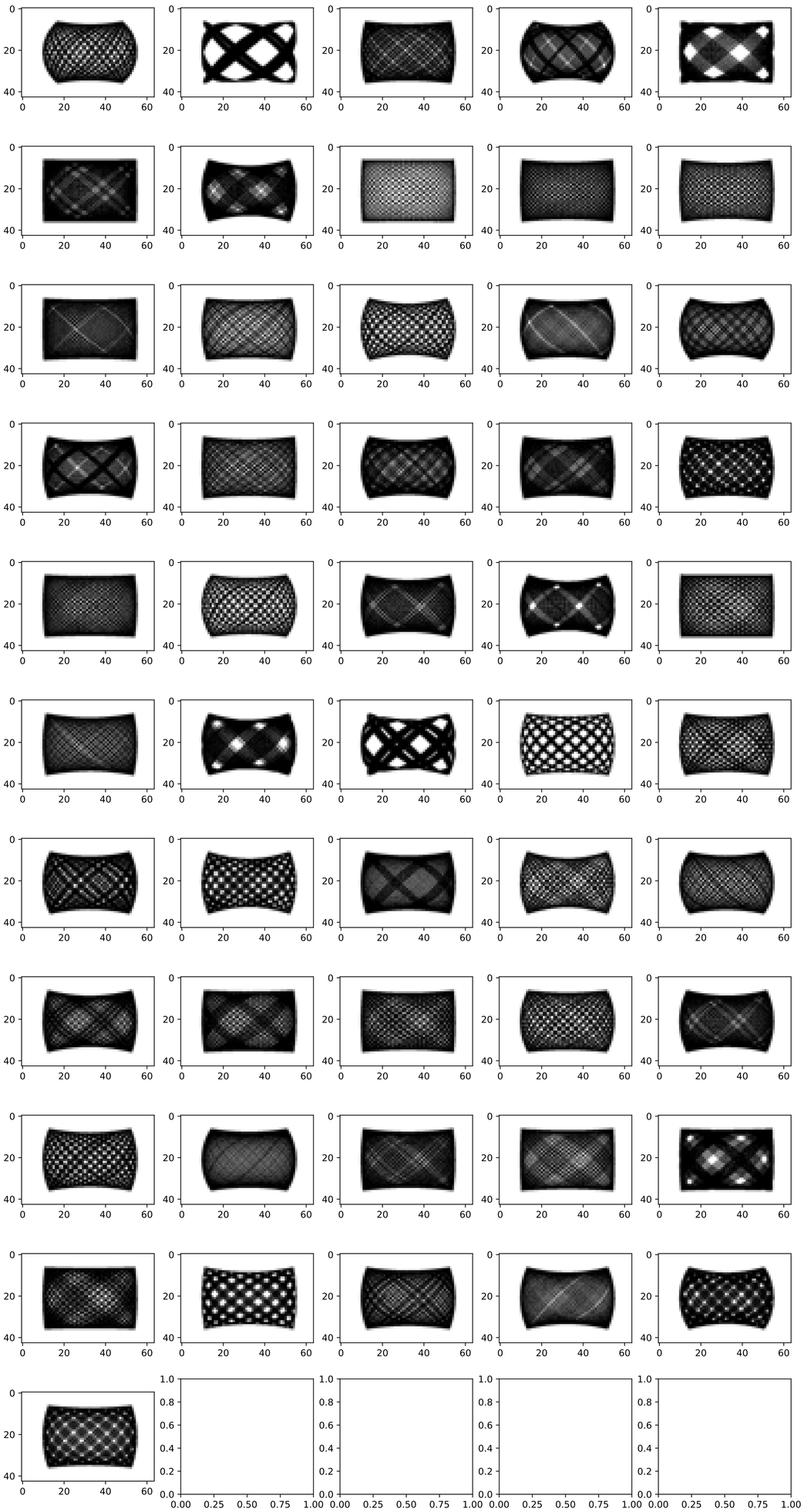Cluster 4