The parallelogram is determined by the vectors $\overrightarrow{KL} = \langle 0, 1, 3 \rangle$ and $\overrightarrow{KN} = \langle 3, 4, 0 \rangle$, so the area of parallelogram $KLMN$ is

$$\left| \overrightarrow{KL} \times \overrightarrow{KN} \right| = \begin{Vmatrix} \mathbf{i} & \mathbf{j} & \mathbf{k} \\ 0 & 1 & 3 \\ 3 & 4 & 0 \end{Vmatrix} = |(-12)\,\mathbf{i} - (-9)\,\mathbf{j} + (-3)\,\mathbf{k}|$$

$$= |-12\,\mathbf{i} + 9\,\mathbf{j} - 3\,\mathbf{k}| = \sqrt{234} \approx 15.3$$