I.8.5.3.3.6.1 Derivation process for illumination compensation mode availability and parameters

2. The lists curNeighSampleListLX and refNeighSampleListLX specifying the neighbouring samples in the current picture and the reference picture are derived as specified in the following:

* + - The variable numNeighSamplesLX specifying the number of elements in curNeighSampleListLX and in refNeighSampleLX is set equal to 0.
    - The variable numStep is derived as numStep= max( 1, ( nCS >> 4 ));
    - The variable leftNeighOffLX specifying the offset of the left neighbouring samples in curNeighSampleListLX and refNeighSampleLX is derived as
      * 1. leftNeighOffLX = availFlagAboveRowLX ? ~~0 : nCS~~ nCS/numStep : 0 (‑216)
    - For i ranging from 0 to nCS/numStep − 1, inclusive the following applies:
      * When availFlagAboveRowLX is equal to 1 the following applies:

curNeighSampleListLX[ i ] = curRecSamples[ xC + i\* numStep][ yC − 1 ] (‑217)

refNeighSampleListLX[ i ] = refRecSamples[ xRLX + i\* numStep ][ yRLX − 1 ] (‑218)

numNeighSamplesLX += 1 (‑219)

* + - * When availFlagLeftColLX is equal to 1 the following applies:

curNeighSampleListLX[ i + leftNeighOffLX ]=curRecSamples[ xC − 1][ yC + i\* numStep ] (‑220)

refNeighSampleListLX[ i + leftNeighOffLX ]=refRecSamples[ xRLX − 1][ yRLX + i \* numStep] (‑221)

numNeighSamplesLX += 1 (‑222)