## Malcolm Duke - 10 shadwells close, BN15 9EP

# MCS 020(a)

| | |
|---|---|
| Heat Pump | EDLA04E2V3 |
| Distance in m | 4.5 |
| Barrier | solid wall |
| Visibility | Fully seen |
| Opposing Surfaces | 1 |
| Outcome | **40.0** |
| Result | **Fail - Planning Required** |

### Assessment Details

Heat pump model is EDLA04E2V3 and it is 4.5 metres from the assessment window. There are 2 Reflecting Surfaces including the floor and it is Fully seen.

The assessment position is one metre perpendicular to the centre of the closest habitable room.

| Step | Instructions | | MCS contractor results/notes |
|---|---|---|---|
| 1 | **Assesment date** | | **04/11/2024** |
| 2 | **Assessment position** | Front garden of property beneath living room window. | |
| 3 | **A-weighted sound power level of the heat pump dB(A)** | | **58** |
| 4a | **Determine the directivity 'Q' of the heat pump noise.** | | **Q4** |
| 4b | **Measure the distance from the heat pump to the assessment position in metres** | | **4.5** |
| 5 | **Determination of barrier correction - select barrier type** | | **solid wall** |
| 6 | **Determination of barrier correction - select line of sight** | | **Fully seen** |
| 7 | **Calculate Sound Pressure Level** | | **40.0** |
| 8 | **Final Result?** | | **Fail** |