

TM65 Mid-Level Calculation

IONTXT SINGLE SIDED

ION TRACK, SPECTO-XT MAINTAINED



Product Information

| | |
|-------------------------|----------|
| Weight | 1.681 kg |
| Service Life | 10 Years |
| Location of Manufacture | Solihull |

| Life Cycle Stage | kg CO ₂ e | Percentage of Total | Notes |
|--------------------------------|---------------------------------|---------------------|---|
| A1: Material Extraction | 22.196 kgCO ₂ e | 61.79% | TM65 Assumption |
| A2: Transport | 0.666 kgCO ₂ e | 1.85% | TM65 Assumption |
| A3: Manufacturing | 4.776 kgCO ₂ e | 13.30% | |
| A4: Transport to Site | 0.067 kgCO ₂ e | 0.19% | TM65 Assumption |
| B3: Repair | 5.801 kgCO ₂ e | 16.15% | One battery replacement accounted for over 10 year product life |
| C2: Transport | 0.022 kgCO ₂ e | 0.06% | |
| C3: Waste Processing | 2.388 kgCO ₂ e | 6.65% | |
| C4: Disposal | 0.008 kgCO ₂ e | 0.02% | TM65 Assumption |
| Total: A1-A4, B3, C2-C4 | 35.925 kgCO₂e | | |
| Including Buffer Factor | 46.702 kgCO₂e | | |

Total Embodied Carbon

(TM65 Mid-Level Calculation)

46.702

kg CO₂e

Calculated using CIBSE DT65 Embodied Carbon Calculator (Beta V1.3)

For further information, please contact sales@philippayne.co.uk