

TM65 Mid-Level Calculation

IONTXT DOUBLE SIDED

ION TRACK, SPECTO-XT MAINTAINED



Product Information

Weight	1.757 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	21.383 kgCO ₂ e	60.29%	TM65 Assumption
A2: Transport	0.696 kgCO ₂ e	1.96%	TM65 Assumption
A3: Manufacturing	4.991 kgCO ₂ e	14.07%	
A4: Transport to Site	0.070 kgCO ₂ e	0.20%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	16.36%	One battery replacement accounted for over 10 year product life
C2: Transport	0.023 kgCO ₂ e	0.07%	
C3: Waste Processing	2.496 kgCO ₂ e	7.04%	
C4: Disposal	0.009 kgCO ₂ e	0.02%	TM65 Assumption

Total: A1-A4, B3, C2-C4	35.468 kgCO ₂ e
Including Buffer Factor	46.109 kgCO ₂ e

Total Embodied Carbon

(TM65 Mid-Level Calculation)

46.109

kg CO₂e

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

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