

TM65 Mid-Level Calculation

IONTDL SINGLE SIDED

ION TRACK, DALI MAINTAINED



Product Information

Weight	1.707 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	21.676 kgCO ₂ e	61.01%	TM65 Assumption
A2: Transport	0.676 kgCO ₂ e	1.90%	TM65 Assumption
A3: Manufacturing	4.850 kgCO ₂ e	13.65%	
A4: Transport to Site	0.068 kgCO ₂ e	0.19%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	16.33%	One battery replacement accounted for over 10 year product life
C2: Transport	0.023 kgCO ₂ e	0.06%	
C3: Waste Processing	2.425 kgCO ₂ e	6.83%	
C4: Disposal	0.008 kgCO ₂ e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	35.527 kgCO₂e		
Including Buffer Factor	46.185 kgCO₂e		

Total Embodied Carbon

(TM65 Mid-Level Calculation)

46.185

kg CO₂e

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

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