

## TM65 Mid-Level Calculation

### IONTDL DOUBLE SIDED

ION TRACK, DALI MAINTAINED

### Product Information

Weight	1.784 kg
Service Life	10 Years
Location of Manufacture	Solihull



Life Cycle Stage	kg CO <sub>2</sub> e	Percentage of Total	Notes
A1: Material Extraction	20.869 kgCO <sub>2</sub> e	59.48%	TM65 Assumption
A2: Transport	0.707 kgCO <sub>2</sub> e	2.01%	TM65 Assumption
A3: Manufacturing	5.069 kgCO <sub>2</sub> e	14.45%	
A4: Transport to Site	0.071 kgCO <sub>2</sub> e	0.20%	TM65 Assumption
B3: Repair	5.801 kgCO <sub>2</sub> e	16.54%	One battery replacement accounted for over 10 year product life
C2: Transport	0.024 kgCO <sub>2</sub> e	0.07%	
C3: Waste Processing	2.534 kgCO <sub>2</sub> e	7.22%	
C4: Disposal	0.009 kgCO <sub>2</sub> e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	35.082 kgCO <sub>2</sub> e		
Including Buffer Factor	45.607 kgCO <sub>2</sub> e		

### Total Embodied Carbon

(TM65 Mid-Level Calculation)

# 45.607

## kg CO<sub>2</sub>e

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

For further information, please contact [sales@philippayne.co.uk](mailto:sales@philippayne.co.uk)