

TM65 Mid-Level Calculation

EXTUBE ROOT

887mm - Root Mount - DALI Maintained
Emergency



Product Information

Weight	9.748 kg
Service Life	10 Years
Location of Manufacture	Redditch

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	66.172 kgCO ₂ e	68.99%	TM65 Assumption
A2: Transport	3.860 kgCO ₂ e	4.02%	TM65 Assumption
A3: Manufacturing	10.342 kgCO ₂ e	10.78%	
A4: Transport to Site	0.386 kgCO ₂ e	0.40%	TM65 Assumption
B3: Repair	9.801 kgCO ₂ e	10.22%	One battery replacement accounted for over 10 year product life
C2: Transport	0.129 kgCO ₂ e	0.14%	
C3: Waste Processing	5.171 kgCO ₂ e	5.39%	
C4: Disposal	0.048 kgCO ₂ e	0.05%	TM65 Assumption

Total: A1-A4, B3, C2-C4	95.909 kgCO ₂ e
Including Buffer Factor	124.681 kgCO ₂ e

Total Embodied Carbon
(TM65 Mid-Level Calculation)

124.681
kg CO₂e

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

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