

TM65 Mid-Level Calculation

EXTUBE SURFACE

887mm - Surface Mount - DALI Maintained
Emergency



Product Information

Weight	8.082 kg
Service Life	10 Years
Location of Manufacture	Redditch

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	59.521 kgCO ₂ e	69.33%	TM65 Assumption
A2: Transport	3.200 kgCO ₂ e	3.73%	TM65 Assumption
A3: Manufacturing	8.575 kgCO ₂ e	9.99%	
A4: Transport to Site	0.320 kgCO ₂ e	0.37%	TM65 Assumption
B3: Repair	9.801 kgCO ₂ e	11.42%	One battery replacement accounted for over 10 year product life
C2: Transport	0.107 kgCO ₂ e	0.12%	
C3: Waste Processing	4.287 kgCO ₂ e	4.99%	
C4: Disposal	0.040 kgCO ₂ e	0.05%	TM65 Assumption

Total: A1-A4, B3, C2-C4	85.850 kgCO ₂ e
Including Buffer Factor	111.605 kgCO ₂ e

Total Embodied Carbon
(TM65 Mid-Level Calculation)

111.605
kg CO₂e

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

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