

TM65 Mid-Level Calculation

EXTUBE SURFACE

1137mm - Surface Mount - DALI Maintained
Emergency



Product Information

Weight	9.292 kg
Service Life	10 Years
Location of Manufacture	Redditch

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	64.514 kgCO ₂ e	69.33%	TM65 Assumption
A2: Transport	3.680 kgCO ₂ e	3.94%	TM65 Assumption
A3: Manufacturing	9.859 kgCO ₂ e	10.56%	
A4: Transport to Site	0.368 kgCO ₂ e	0.39%	TM65 Assumption
B3: Repair	9.801 kgCO ₂ e	10.50%	One battery replacement accounted for over 10 year product life
C2: Transport	0.123 kgCO ₂ e	0.13%	
C3: Waste Processing	4.929 kgCO ₂ e	5.28%	
C4: Disposal	0.045 kgCO ₂ e	0.05%	TM65 Assumption

Total: A1-A4, B3, C2-C4	93.319 kgCO ₂ e
Including Buffer Factor	121.315 kgCO ₂ e

Total Embodied Carbon
(TM65 Mid-Level Calculation)

121.315
kg CO₂e

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

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