

TM65 Mid-Level Calculation

PROBLSDL

PRO BLADE, SURFACE, DALI MAINTAINED



Product Information

Weight	1.831 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	21.519 kgCO ₂ e	59.86%	TM65 Assumption
A2: Transport	0.725 kgCO ₂ e	2.02%	TM65 Assumption
A3: Manufacturing	5.200 kgCO ₂ e	14.47%	
A4: Transport to Site	0.072 kgCO ₂ e	0.20%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	16.14%	One battery replacement accounted for over 10 year product life
C2: Transport	0.024 kgCO ₂ e	0.07%	
C3: Waste Processing	2.600 kgCO ₂ e	7.23%	
C4: Disposal	0.009 kgCO ₂ e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	35.951 kgCO ₂ e		
Including Buffer Factor	46.737 kgCO ₂ e		

Total Embodied Carbon

(TM65 Mid-Level Calculation)

46.737

kg CO₂e

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

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