

TM65 Mid-Level Calculation

HAMCRDL

HAMPTON CEILING, RECESSED, DALI
MAINTAINED



Product Information

Weight	1.740 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	16.127 kgCO ₂ e	53.52%	TM65 Assumption
A2: Transport	0.689 kgCO ₂ e	2.29%	TM65 Assumption
A3: Manufacturing	4.943 kgCO ₂ e	16.40%	
A4: Transport to Site	0.069 kgCO ₂ e	0.23%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	19.25%	One battery replacement accounted for over 10 year product life
C2: Transport	0.023 kgCO ₂ e	0.08%	
C3: Waste Processing	2.471 kgCO ₂ e	8.20%	
C4: Disposal	0.009 kgCO ₂ e	0.03%	TM65 Assumption
Total: A1-A4, B3, C2-C4	30.132 kgCO ₂ e		
Including Buffer Factor	39.171 kgCO ₂ e		

Total Embodied Carbon (TM65 Mid-Level Calculation)

39.171
kg CO₂e

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

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