

TM65 Mid-Level Calculation

HAMCRLM

HAMPTON CEILING, RECESSED,
MAINTAINED



Product Information

Weight	1.730 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	15.886 kgCO ₂ e	53.23%	TM65 Assumption
A2: Transport	0.685 kgCO ₂ e	2.30%	TM65 Assumption
A3: Manufacturing	4.914 kgCO ₂ e	16.47%	
A4: Transport to Site	0.069 kgCO ₂ e	0.23%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	19.44%	One battery replacement accounted for over 10 year product life
C2: Transport	0.023 kgCO ₂ e	0.08%	
C3: Waste Processing	2.457 kgCO ₂ e	8.23%	
C4: Disposal	0.008 kgCO ₂ e	0.03%	TM65 Assumption
Total: A1-A4, B3, C2-C4	29.843 kgCO ₂ e		
Including Buffer Factor	38.796 kgCO ₂ e		

Total Embodied Carbon

(TM65 Mid-Level Calculation)

38.796

kg CO₂e

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

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