

TM65 Mid-Level Calculation

HENCSXT

HENLEY, CEILING SURFACE, MAINTAINED
SPECTO-XT



Product Information

Weight	1.319 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	21.952 kgCO ₂ e	64.62%	TM65 Assumption
A2: Transport	0.522 kgCO ₂ e	1.54%	TM65 Assumption
A3: Manufacturing	3.747 kgCO ₂ e	11.03%	
A4: Transport to Site	0.052 kgCO ₂ e	0.15%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	17.08%	One battery replacement accounted for over 10 year product life
C2: Transport	0.017 kgCO ₂ e	0.05%	
C3: Waste Processing	1.874 kgCO ₂ e	5.51%	
C4: Disposal	0.006 kgCO ₂ e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	33.972 kgCO ₂ e		
Including Buffer Factor	44.164 kgCO ₂ e		

Total Embodied Carbon (TM65 Mid-Level Calculation)

44.164
kg CO₂e

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

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