

TM65 Mid-Level Calculation

OLTWSSDL

OLTON, WALL, SURFACE, SQUARE, DALI
MAINTAINED



Product Information

Weight	1.414 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	19.394 kgCO ₂ e	60.87%	TM65 Assumption
A2: Transport	0.560 kgCO ₂ e	1.76%	TM65 Assumption
A3: Manufacturing	4.018 kgCO ₂ e	12.61%	
A4: Transport to Site	0.056 kgCO ₂ e	0.18%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	18.21%	One battery replacement accounted for over 10 year product life
C2: Transport	0.019 kgCO ₂ e	0.06%	
C3: Waste Processing	2.009 kgCO ₂ e	6.30%	
C4: Disposal	0.007 kgCO ₂ e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	31.863 kgCO ₂ e		
Including Buffer Factor	41.422 kgCO ₂ e		

Total Embodied Carbon

(TM65 Mid-Level Calculation)

41.422

kg CO₂e

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

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