

TM65 Mid-Level Calculation

OLTWRSDL

OLTON, WALL, RECESSED, SQUARE, DALI
MAINTAINED

Product Information

Weight	1.589 kg
Service Life	10 Years
Location of Manufacture	Solihull



Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	18.988 kgCO ₂ e	58.82%	TM65 Assumption
A2: Transport	0.629 kgCO ₂ e	1.95%	TM65 Assumption
A3: Manufacturing	4.515 kgCO ₂ e	13.99%	
A4: Transport to Site	0.063 kgCO ₂ e	0.19%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	17.97%	One battery replacement accounted for over 10 year product life
C2: Transport	0.021 kgCO ₂ e	0.06%	
C3: Waste Processing	2.258 kgCO ₂ e	6.99%	
C4: Disposal	0.008 kgCO ₂ e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	32.283 kgCO ₂ e		
Including Buffer Factor	41.968 kgCO ₂ e		

Total Embodied Carbon
(TM65 Mid-Level Calculation)

41.968
kg CO₂e

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

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