

## TM65 Mid-Level Calculation

**OLTWRCDL**

OLTON, WALL, RECESSED, CIRCULAR,  
DALI MAINTAINED

### Product Information

Weight	1.564 kg
Service Life	10 Years
Location of Manufacture	Solihull



Life Cycle Stage	kg CO <sub>2</sub> e	Percentage of Total	Notes
A1: Material Extraction	17.932 kgCO <sub>2</sub> e	57.64%	TM65 Assumption
A2: Transport	0.619 kgCO <sub>2</sub> e	1.99%	TM65 Assumption
A3: Manufacturing	4.444 kgCO <sub>2</sub> e	14.29%	
A4: Transport to Site	0.062 kgCO <sub>2</sub> e	0.20%	TM65 Assumption
B3: Repair	5.801 kgCO <sub>2</sub> e	18.65%	One battery replacement accounted for over 10 year product life
C2: Transport	0.021 kgCO <sub>2</sub> e	0.07%	
C3: Waste Processing	2.222 kgCO <sub>2</sub> e	7.14%	
C4: Disposal	0.008 kgCO <sub>2</sub> e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	31.109 kgCO <sub>2</sub> e		
Including Buffer Factor	40.441 kgCO <sub>2</sub> e		

**Total Embodied Carbon**  
(TM65 Mid-Level Calculation)

**40.441**  
**kg CO<sub>2</sub>e**

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

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