

## TM65 Mid-Level Calculation

**ARDCRXT**

ARDEN, CEILING, RECESSED, SPECTO-XT  
MAINTAINED



### Product Information

Weight	1.309 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	12.892 kgCO <sub>2</sub> e	51.40%	TM65 Assumption
A2: Transport	0.518 kgCO <sub>2</sub> e	2.07%	TM65 Assumption
A3: Manufacturing	3.720 kgCO <sub>2</sub> e	14.83%	
A4: Transport to Site	0.052 kgCO <sub>2</sub> e	0.21%	TM65 Assumption
B3: Repair	6.016 kgCO <sub>2</sub> e	23.99%	One battery replacement accounted for over 10 year product life
C2: Transport	0.017 kgCO <sub>2</sub> e	0.07%	
C3: Waste Processing	1.860 kgCO <sub>2</sub> e	7.42%	
C4: Disposal	0.006 kgCO <sub>2</sub> e	0.03%	TM65 Assumption
Total: A1-A4, B3, C2-C4	25.081 kgCO <sub>2</sub> e		
Including Buffer Factor	32.605 kgCO <sub>2</sub> e		

### Total Embodied Carbon

(TM65 Mid-Level Calculation)

**32.605**

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

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

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