

## TM65 Mid-Level Calculation

### HENCSDL

HENLEY, CEILING SURFACE, MAINTAINED  
DALI



### Product Information

Weight	1.312 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	21.504 kgCO <sub>2</sub> e	64.21%	TM65 Assumption
A2: Transport	0.520 kgCO <sub>2</sub> e	1.55%	TM65 Assumption
A3: Manufacturing	3.727 kgCO <sub>2</sub> e	11.13%	
A4: Transport to Site	0.052 kgCO <sub>2</sub> e	0.16%	TM65 Assumption
B3: Repair	5.801 kgCO <sub>2</sub> e	17.32%	One battery replacement accounted for over 10 year product life
C2: Transport	0.017 kgCO <sub>2</sub> e	0.05%	
C3: Waste Processing	1.863 kgCO <sub>2</sub> e	5.56%	
C4: Disposal	0.006 kgCO <sub>2</sub> e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	33.490 kgCO <sub>2</sub> e		
Including Buffer Factor	43.538 kgCO <sub>2</sub> e		

### Total Embodied Carbon

(TM65 Mid-Level Calculation)

# 43.538

kg CO<sub>2</sub>e

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

For further information, please contact [sales@philippayne.co.uk](mailto:sales@philippayne.co.uk)