

## TM65 Mid-Level Calculation

### OLTCSSDL

OLTON, CEILING, SURFACE, SQUARE, DALI  
MAINTAINED



### Product Information

Weight	1.421 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	19.526 kgCO <sub>2</sub> e	60.97%	TM65 Assumption
A2: Transport	0.563 kgCO <sub>2</sub> e	1.76%	TM65 Assumption
A3: Manufacturing	4.036 kgCO <sub>2</sub> e	12.60%	
A4: Transport to Site	0.056 kgCO <sub>2</sub> e	0.18%	TM65 Assumption
B3: Repair	5.801 kgCO <sub>2</sub> e	18.11%	One battery replacement accounted for over 10 year product life
C2: Transport	0.019 kgCO <sub>2</sub> e	0.06%	
C3: Waste Processing	2.018 kgCO <sub>2</sub> e	6.30%	
C4: Disposal	0.007 kgCO <sub>2</sub> e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	32.026 kgCO <sub>2</sub> e		
Including Buffer Factor	41.633 kgCO <sub>2</sub> e		

### Total Embodied Carbon

(TM65 Mid-Level Calculation)

# 41.633

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)