

## TM65 Mid-Level Calculation

### OLTCSSR500DL

OLTON, CEILING, SURFACE, SQUARE,  
500MM RODS, DALI MAINTAINED



## Product Information

Weight	1.581 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	21.631 kgCO <sub>2</sub> e	62.00%	TM65 Assumption
A2: Transport	0.626 kgCO <sub>2</sub> e	1.79%	TM65 Assumption
A3: Manufacturing	4.492 kgCO <sub>2</sub> e	12.88%	
A4: Transport to Site	0.063 kgCO <sub>2</sub> e	0.18%	TM65 Assumption
B3: Repair	5.801 kgCO <sub>2</sub> e	16.63%	One battery replacement accounted for over 10 year product life
C2: Transport	0.021 kgCO <sub>2</sub> e	0.06%	
C3: Waste Processing	2.246 kgCO <sub>2</sub> e	6.44%	
C4: Disposal	0.008 kgCO <sub>2</sub> e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4		34.889 kgCO <sub>2</sub> e	
Including Buffer Factor		45.355 kgCO <sub>2</sub> e	

### Total Embodied Carbon

(TM65 Mid-Level Calculation)

# 45.355

## 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)