

TM65 Mid-Level Calculation

OLTCRSR500DL

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



Product Information

Weight	1.757 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	21.226 kgCO ₂ e	60.11%	TM65 Assumption
A2: Transport	0.696 kgCO ₂ e	1.97%	TM65 Assumption
A3: Manufacturing	4.990 kgCO ₂ e	14.13%	
A4: Transport to Site	0.070 kgCO ₂ e	0.20%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	16.43%	One battery replacement accounted for over 10 year product life
C2: Transport	0.023 kgCO ₂ e	0.07%	
C3: Waste Processing	2.495 kgCO ₂ e	7.07%	
C4: Disposal	0.009 kgCO ₂ e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	35.309 kgCO ₂ e		
Including Buffer Factor	45.901 kgCO ₂ e		

Total Embodied Carbon

(TM65 Mid-Level Calculation)

45.901

kg CO₂e

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

For further information, please contact sales@philippayne.co.uk