

TM65 Mid-Level Calculation

OLTCSCR500DL

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



Product Information

Weight	1.556 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	20.575 kgCO ₂ e	61.03%	TM65 Assumption
A2: Transport	0.616 kgCO ₂ e	1.83%	TM65 Assumption
A3: Manufacturing	4.421 kgCO ₂ e	13.11%	
A4: Transport to Site	0.062 kgCO ₂ e	0.18%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	17.21%	One battery replacement accounted for over 10 year product life
C2: Transport	0.021 kgCO ₂ e	0.06%	
C3: Waste Processing	2.211 kgCO ₂ e	6.56%	
C4: Disposal	0.008 kgCO ₂ e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	33.714 kgCO ₂ e		
Including Buffer Factor	43.828 kgCO ₂ e		

Total Embodied Carbon

(TM65 Mid-Level Calculation)

43.828

kg CO₂e

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

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