

TM65 Mid-Level Calculation

OLTCRCDL

OLTON, CEILING, RECESSED, CIRCULAR,
DALI MAINTAINED



Product Information

Weight	1.564 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	17.931 kgCO ₂ e	57.64%	TM65 Assumption
A2: Transport	0.619 kgCO ₂ e	1.99%	TM65 Assumption
A3: Manufacturing	4.444 kgCO ₂ e	14.29%	
A4: Transport to Site	0.062 kgCO ₂ e	0.20%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	18.65%	One battery replacement accounted for over 10 year product life
C2: Transport	0.021 kgCO ₂ e	0.07%	
C3: Waste Processing	2.222 kgCO ₂ e	7.14%	
C4: Disposal	0.008 kgCO ₂ e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	31.108 kgCO ₂ e		
Including Buffer Factor	40.441 kgCO ₂ e		

Total Embodied Carbon

(TM65 Mid-Level Calculation)

40.441

kg CO₂e

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

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