

## TM65 Mid-Level Calculation

### OLTCRSDL

OLTON, CEILING, RECESSED, SQUARE,  
DALI MAINTAINED



### Product Information

Weight	1.596 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	19.120 kgCO <sub>2</sub> e	58.93%	TM65 Assumption
A2: Transport	0.632 kgCO <sub>2</sub> e	1.95%	TM65 Assumption
A3: Manufacturing	4.533 kgCO <sub>2</sub> e	13.97%	
A4: Transport to Site	0.063 kgCO <sub>2</sub> e	0.19%	TM65 Assumption
B3: Repair	5.801 kgCO <sub>2</sub> e	17.88%	One battery replacement accounted for over 10 year product life
C2: Transport	0.021 kgCO <sub>2</sub> e	0.06%	
C3: Waste Processing	2.267 kgCO <sub>2</sub> e	6.99%	
C4: Disposal	0.008 kgCO <sub>2</sub> e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4		32.446 kgCO <sub>2</sub> e	
Including Buffer Factor		42.179 kgCO <sub>2</sub> e	

**Total Embodied Carbon**  
(TM65 Mid-Level Calculation)

**42.179**  
**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)