

## TM65 Mid-Level Calculation

### IONCSLM DOUBLE SIDED

ION CEILING, SURFACE MOUNTED, MAINTAINED



### Product Information

Weight	1.686 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	20.150 kgCO <sub>2</sub> e	59.44%	TM65 Assumption
A2: Transport	0.667 kgCO <sub>2</sub> e	1.97%	TM65 Assumption
A3: Manufacturing	4.788 kgCO <sub>2</sub> e	14.13%	
A4: Transport to Site	0.067 kgCO <sub>2</sub> e	0.20%	TM65 Assumption
B3: Repair	5.801 kgCO <sub>2</sub> e	17.11%	One battery replacement accounted for over 10 year product life
C2: Transport	0.022 kgCO <sub>2</sub> e	0.07%	
C3: Waste Processing	2.394 kgCO <sub>2</sub> e	7.06%	
C4: Disposal	0.008 kgCO <sub>2</sub> e	0.02%	TM65 Assumption
<b>Total: A1-A4, B3, C2-C4</b>	<b>33.899 kgCO<sub>2</sub>e</b>		
<b>Including Buffer Factor</b>	<b>44.068 kgCO<sub>2</sub>e</b>		

### Total Embodied Carbon

(TM65 Mid-Level Calculation)

# 44.068

## 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)