

## TM65 Mid-Level Calculation

### IONCRDL DOUBLE SIDED

ION CEILING, RECESSED MOUNTED, DALI MAINTAINED



### Product Information

Weight	1.968 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	18.967 kgCO <sub>2</sub> e	55.71%	TM65 Assumption
A2: Transport	0.779 kgCO <sub>2</sub> e	2.29%	TM65 Assumption
A3: Manufacturing	5.589 kgCO <sub>2</sub> e	16.42%	
A4: Transport to Site	0.078 kgCO <sub>2</sub> e	0.23%	TM65 Assumption
B3: Repair	5.801 kgCO <sub>2</sub> e	17.04%	One battery replacement accounted for over 10 year product life
C2: Transport	0.026 kgCO <sub>2</sub> e	0.08%	
C3: Waste Processing	2.795 kgCO <sub>2</sub> e	8.21%	
C4: Disposal	0.010 kgCO <sub>2</sub> e	0.03%	TM65 Assumption
<b>Total: A1-A4, B3, C2-C4</b>	<b>34.045 kgCO<sub>2</sub>e</b>		
<b>Including Buffer Factor</b>	<b>44.258 kgCO<sub>2</sub>e</b>		

### Total Embodied Carbon

(TM65 Mid-Level Calculation)

# 44.258

## 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)