

TM65 Mid-Level Calculation

IONCSLM SINGLE SIDED

ION CEILING, SURFACE MOUNTED,
MAINTAINED



Product Information

Weight	1.610 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	20.964 kgCO ₂ e	61.02%	TM65 Assumption
A2: Transport	0.637 kgCO ₂ e	1.86%	TM65 Assumption
A3: Manufacturing	4.573 kgCO ₂ e	13.31%	
A4: Transport to Site	0.064 kgCO ₂ e	0.19%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	16.89%	One battery replacement accounted for over 10 year product life
C2: Transport	0.021 kgCO ₂ e	0.06%	
C3: Waste Processing	2.287 kgCO ₂ e	6.66%	
C4: Disposal	0.008 kgCO ₂ e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	34.355 kgCO ₂ e		
Including Buffer Factor	44.662 kgCO ₂ e		

Total Embodied Carbon

(TM65 Mid-Level Calculation)

44.662

kg CO₂e

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

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