

TM65 Mid-Level Calculation

IONCRLM SINGLE SIDED

ION CEILING, RECESSED MOUNTED, MAINTAINED



Product Information

Weight	1.893 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	19.624 kgCO ₂ e	57.13%	TM65 Assumption
A2: Transport	0.750 kgCO ₂ e	2.18%	TM65 Assumption
A3: Manufacturing	5.378 kgCO ₂ e	15.66%	
A4: Transport to Site	0.075 kgCO ₂ e	0.22%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	16.89%	One battery replacement accounted for over 10 year product life
C2: Transport	0.025 kgCO ₂ e	0.07%	
C3: Waste Processing	2.689 kgCO ₂ e	7.83%	
C4: Disposal	0.009 kgCO ₂ e	0.03%	TM65 Assumption
Total: A1-A4, B3, C2-C4	34.350 kgCO₂e		
Including Buffer Factor	44.656 kgCO₂e		

Total Embodied Carbon
(TM65 Mid-Level Calculation)

44.656
kg CO₂e

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

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