

TM65 Mid-Level Calculation

IONCSDL DOUBLE SIDED

ION CEILING, SURFACE MOUNTED,
DALI MAINTAINED



Product Information

Weight	1.697 kg
Service Life	10 Years
Location of Manufacture	Solihull

Life Cycle Stage	kg CO ₂ e	Percentage of Total	Notes
A1: Material Extraction	20.398 kgCO ₂ e	59.64%	TM65 Assumption
A2: Transport	0.672 kgCO ₂ e	1.96%	TM65 Assumption
A3: Manufacturing	4.820 kgCO ₂ e	14.09%	
A4: Transport to Site	0.067 kgCO ₂ e	0.20%	TM65 Assumption
B3: Repair	5.801 kgCO ₂ e	16.96%	One battery replacement accounted for over 10 year product life
C2: Transport	0.022 kgCO ₂ e	0.07%	
C3: Waste Processing	2.410 kgCO ₂ e	7.05%	
C4: Disposal	0.008 kgCO ₂ e	0.02%	TM65 Assumption
Total: A1-A4, B3, C2-C4	34.200 kgCO ₂ e		
Including Buffer Factor	44.460 kgCO ₂ e		

Total Embodied Carbon

(TM65 Mid-Level Calculation)

44.460

kg CO₂e

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

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