

Egress Exit

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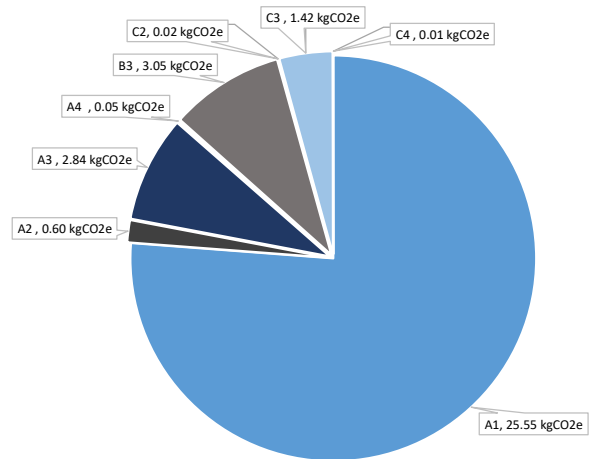
Product Information	
Product Name	Egress Exit
Weight (kg)	1.514
Size (mm)	331mm x 45mm x 248mm
Service Life (Lx@Hrs)	70000 hours
Location Of Manufacture	China
% Assessed by Weight	98%

Total embodied carbon calculated in line with Mid Level TM65 calculation method	
43.59 kgCO ₂ e	



Embodied carbon calculations results breakdown

Life Cycle Stage	KgCO ₂ e	Percentage of total
A1 Material Extraction	25.55 kgCO ₂ e	76.21%
A2 Transport to Factory	0.60 kgCO ₂ e	1.79%
A3 Manufacturing Energy	2.84 kgCO ₂ e	8.46%
A4 Transport to Site	0.05 kgCO ₂ e	0.14%
B3 Repair	3.05 kgCO ₂ e	9.09%
C2 Transport To Waste	0.02 kgCO ₂ e	0.06%
C3 Waste Processing	1.42 kgCO ₂ e	4.23%
C4 Waste Disposal	0.01 kgCO ₂ e	0.02%
Total A1-A4, B3, C2-C4	33.53 kgCO₂e	
With Buffer (1.3)	43.59 kgCO₂e	



About this product

Self-contained LED maintained emergency sign luminaire with rigid body and an easy to install full set of legends. Ceiling mounted surface, suspended or recessed with LiFePO₄ battery, energy efficient charger and LED charge indicator

Assumptions

<p>A1 Material Extraction A2 Transport to Factory A3 Energy</p>	<p>Table 2.1 default values are used from TM65 2021 Calculated in line with TM65 Table 4.8 & Table 4.9 (HGV) Electricity grid figures based on Country Specific Electricity Factors: June 2021 v1.1 (https://www.carbonfootprint.com/international_electricity_factors.html) - Chinese grid factor Gas carbon factor: TM65 default, Table 4.11 - Global</p>
<p>A4 Transport B3 Repair C2 Transport to Waste C3 Waste Processing C4 Waste Disposal</p>	<p>Approximate distance assumed to be Ashton-Under-Lyne to Northampton (227km), & Table 4.8 (HGV) TM65 Table 4.6: 10% of A1-A3, C2-C4 assumed TM65 Table 4.7 & Table 4.8 TM65 Table 4.7 TM65 Table 4.14 - Light & Table 4.15</p>

Following study should be used in absence of appropriate EPD documentation

