

CIBSE TM65 - EMBODIED CARBON



TYK_870

TM65 Mid-Level Calculation

Product Information	
Product Name	TYKP870DS
Description	TYKE870, IP Rated, Non-maintained DALI
Weight (Kg)	0.64
Size (mm)	55mm Dia x 37mm Head 276mm x 55mm x 41mm Body
Service Life (Years)	10
Location of manufacture	Solihull (UK)
% Assessed by Weight	95%



Life Cycle Stage	kgCO ² e	Percentage of Total
A1 Material Extraction	21	58.33%
A2 Transport to Factory	0	0.0%
A3 Manufacturing Energy	2	5.01%
A4 Transport to Site	0	0.0%
B3 Repair	11	32.08%
C2 Transport To Waste	0	0.0%
C3 Waste Processing	1	2.51%
C4 Waste Disposal	0	0.0%
Total A1-A4, B3, C2-C4		36
With Buffer (1.3)		47

Total embodied carbon calculated in line with Mid Level TM65 calculation method

47.00 kgCO²e

TM65 Mid-Level Calculation

Product Information	
Product Name	TYKT870DA
Description	TYKE870, DALI MAINS
Weight (Kg)	0.20
Size (mm)	55mm Dia x 37mm Head 276mm x 55mm x 41mm Body
Service Life (Years)	10
Location of manufacture	Solihull (UK)
% Assessed by Weight	95%



Life Cycle Stage	kgCO ² e	Percentage of Total
A1 Material Extraction	6	75.00%
A2 Transport to Factory	0	0.0%
A3 Manufacturing Energy	1	12.5%
A4 Transport to Site	0	0.0%
B3 Repair	1	12.5%
C2 Transport To Waste	0	0.0%
C3 Waste Processing	0	0.0%
C4 Waste Disposal	0	0.0%
Total A1-A4, B3, C2-C4		8
With Buffer (1.3)		11

Total embodied carbon calculated in line with
Mid Level TM65 calculation method

11.00 kgCO²e

TM65 Mid-Level Calculation

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Service Life (Years)	10
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