

# Product Verification

## Sustainability

### Product Systems

#### Avenue Metro Vitality Suspended

#### Whitecroft Lighting Ltd

Avenue Metro takes design and technology to new heights. The slim body creates a sense of space and drama, whilst continuous lines of light trace the contours of the building, complementing every interior design. Revolutionary pod optics, or prismatic diffuser options for higher levels of glare control. Opal diffuser for general lighting solutions.

<https://www.whitecroftlighting.com/products/avenue-metro-suspended-vitality/?q=su>



## ■ Ecolabels & Product-Assessments

Cradle to Cradle Certified™ Bronze



## ■ Product Properties

### Ingredients:

VOC content according 2004/42/EG:	0 g/l
VOC content according 2004/42/EG:	0 g/m <sup>2</sup>
Recycled content pre-consumer:	82 wt%
Recycled content post-consumer:	0 wt%
Percentage of the product's composition, that is known to the chemical ingredient level	84 wt%
To what level of detail is the product composition known?	100 ppm
Rapidly renewable content	0 wt%
Non renewable virgin raw material content	100 wt%
SVHC according REACH < 0,1 %:	Yes
Free (< 0,1 %) of biocidal:	Yes
Free (< 0,1 %) of chlorinated paraffins (= CP inkl. SCCP, MCCP, LCCP):	Yes
Free (< 0,1 %) of polybrominated diphenyl ethers (= PBDE):	Yes
Free (< 0,1 %) of polybrominated biphenyls (= PBB):	Yes
Free (< 0,1 %) of hexabromocyclododecane (= HBCD):	Yes
Free (< 0,1 %) of tris (2-carboxyethyl) phosphine (= TCEP):	Yes
Free (< 0,1 %) of lead:	No
Free (< 0,1 %) of cadmium:	No
Free (< 0,1 %) of chromium-VI compounds:	Yes
Free of solvent according to VdL-RL01:	Yes
Free (< 0,1 %) of aromatic compounds:	Yes
Free (< 0,1 %) from halogenated propellants:	Yes
Free (< 0,1 %) of tin:	No
Free (< 0,1 %) of halogenated flame retardants:	No
Content of VOC:	0 %

Content of solvents:	0 %
Free (< 0,1 %) of halogens:	No
Free of plasticizer according to VdL-RL01:	Yes
Free (< 0,1 %) of hydrocarbon (KWS) plasticizer:	Yes

### Emissions:

Formaldehyde emissions after 28 days according DIN EN 717-1:	4 mg/m <sup>3</sup>
R-Value according to AgBB:	100
TVOC after 3 days according ISO 16000-3 / AgBB:	0 mg/m <sup>3</sup>
TVOC after 28 days according ISO 16000-3 / AgBB:	0 mg/m <sup>3</sup>
SVOC after 3 days according ISO 16000-3 / AgBB:	0 mg/m <sup>3</sup>
SVOC after 28 days according ISO 16000-3 / AgBB:	0 mg/m <sup>3</sup>
Carcinogens 1A and 1B after 3 days according ISO-16000 / AgBB:	4 mg/m <sup>3</sup>
Carcinogens 1A and 1B after 28 days according ISO-16000 / AgBB:	4 mg/m <sup>3</sup>

### Manufacturer:

Environmental Management System according ISO 14001:	Yes
Are reverse logistics in place for the product?	Yes

### Life Cycle Assessment:

Functional use period	15 a
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### Circularity:

Has the product been designed for reuse, refurbishment or remanufacturing?	Yes
Is the product designed for a recycling of equal quality?	Yes
Was the product designed for clean incineration?	No
Product was designed with cycling in mind.	Yes
Was the Product designed for emission or direct dispersal?	No
Was the product specifically designed for clean and rapid disassembly?	Yes

#### ■ Contact Details Manufacturer

##### **Whitecroft Lighting Ltd**

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#### ■ Disclaimer

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