

Product Verification

Sustainability

■ Product Systems

Cascade Flex Vitality

Whitecroft Lighting Ltd

Cascade Flex is a family of recessed luminaires for office, education, healthcare and university applications. The luminaires replaceable lighting cartridge enables the product to be maintained at its highest utility through life and then future regeneration and recovery. Available in 600x600 and 300x1200

<https://www.whitecroftlighting.com/products/indoor/recessed/cascade-flex-vitality/>



■ Ecolabels & Product-Assessments

Cradle to Cradle Certified™ Bronze



■ Product Properties

Ingredients:

Recycled content pre-consumer:	0 wt%
Recycled content post-consumer:	25,64 wt%
Percentage of the product's composition, that is known to the chemical ingredient level	80 wt%
To what level of detail is the product composition known?	100 ppm
Rapidly renewable content	0 wt%
Reused content	93,7 wt%
Non renewable virgin raw material content	100 wt%
SVHC according REACH < 0,1 %:	Yes
VOC content according 2004/42/EG:	0 g/l
VOC content according 2004/42/EG:	0 g/m ²

Emissions:

Formaldehyde emissions after 28 days according DIN EN 717-1:	0 mg/m ³
Formaldehyde emissions after 28 days according DIN EN 717-1:	0 ppm
Formaldehyde emissions:	0 µg/m ² h
Has the product been tested for indoor air emissions?	Yes
TVOC after 7 days	<0,005 mg/m ³
TVOC after 14 days	0 mg/m ³
TVOC after 28 days according ISO 16000-3 / AgBB:	0 mg/m ³
TVOC after 3 days according ISO 16000-3 / AgBB:	<0,005 mg/m ³
TVOC after 4 Days:	<1 µg/m ² h
R-Value according to AgBB:	0,0001

Manufacturer:

Environmental Management System according ISO 14001:	Yes
Are reverse logistics in place for the product?	Yes
Final manufacturing location of the product: latitude	53.4808 ° DDD
Final manufacturing location of the product: longitude	2.235 ° DDD

Life Cycle Assessment:

Functional use period	10 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 biodegradation?	No
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

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■ Disclaimer

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