

louis poulsen

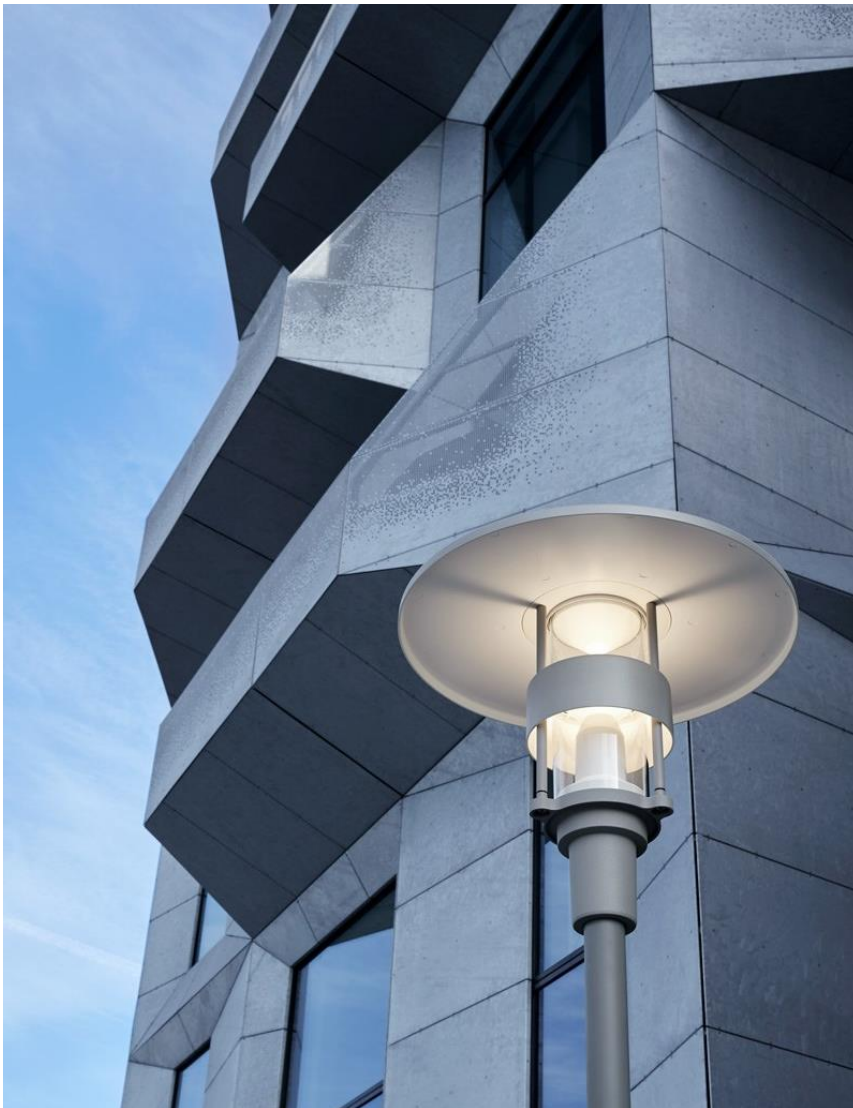


Environmental Product Specifications

— Albertslund Mini Post

Product description

- The design is based on an anti-glare ring, conical reflectors and a circular top shade, which serves as the primary reflector.



Product info

Mounting

Pole dimension: Ø 60mm. Transition pieces for Ø 115mm pole can be bought as accessory parts.
Installation cable: 4m, 5x1mm² (Class I) or 4m, 4x1mm² (Class II). Driver: Built into the fixture head.

Finish

Aluminum colored with textured surface, graphite with textured surface or grey, powder coated.

Light source

LED 3000K 34W, Lumen: 2915

Sizes and weights

Width x Height x Length (mm)
660 x 565 x 660 Max 10.6 kg

Class

Ingress protection IP66. Electric shock protection I w. ground, II w/o ground. IK10.

Product family



Albertslund Wall



Albertslund Maxi Post



Albertslund Maxi LED Upgrade Kit



Albertslund Mini LED Upgrade Kit

Product variants

Colour	Mounting	Light source	Lumen	Class	Lighting control
<input checked="" type="radio"/> Aluminium colour texture	Ø 60 pole	LED 3000K 34W	2915	I	Dali + clo dac
<input type="radio"/> Colour of your choice	Ø 60 POLE	LED 4000K 34W	2990	II	Nightdim + clo dpc
<input checked="" type="radio"/> Graphite grey texture					Sr 2xzhaga ct
<input type="radio"/> Grey					

Material information

RoHS

This product is compliant with the requirements contained in the European Directives, RoHS Directive 2011/65 and 2015/863.

REACH candidate List

To the best of our knowledge and based on the information provided by our suppliers, the product does not contain more than 0.1 percent (in weight terms) of any deliberately added SVHCs.

Packaging

The product is packaged in a plastic bag with a cardboard. The packaging material can be easily sorted and treated in waste recycling channels. The packaged product is delivered on a returnable wooden pallet.

Recycled raw material

The aluminium material is sourced from min. 90% authentic, refined, recycled aluminium. Cardboard is made from min. 65% recycled fiber mass. Additional cardboard material comes from an FSC approved sources.

Recycling

We encourage everyone to take care of the product - even at the end of the product's lifetime. We also offer spare parts, so that we can extend the product lifetime even further.

The luminaires contain valuable materials. They therefore have to be decommissioned and dismantled for reuse of materials in other products.

This product is designed so that 100% of the product can be disassembled and reused.

Louis Poulsen is part of ELRETUR which ensures that electronic waste (WEEE) across of Europa is reused.

This product must be treated as electronic waste:



Material list

Positions number	Part description	Included substances and materials	Country of origin	Weight% (of the entire product)
A	Aluminium parts	Die-casted aluminium	CN – China	32,3%
A	Painting	Powder coating	DE – Germany	0,2%
A	Painting	Powder coating	DE – Germany	0,5%
B	Stuffing box	EPDM	SE – Sweden	0,1%
C	Cord and wires	Variety of components	IT – Italy	4,7%
D	Plastic parts	PA	DE – Germany	0,3%
E	Aluzinc parts	Aluzinc	DK – Denmark	1,6%
F	Screws and washers	Stainless steel	CN – China	1,5%
G	Thread plate	Stainless steel	TW – Taiwan	0,3%
H	Machined stainless steel	Stainless steel	CN – China	7,7%
I	Plastic parts	EPDM	DK – Denmark	0,1%
J	Cylinder shade	PC	IT – Italy	4,8%
K	Plastic parts	PC	DK – Denmark	1,3%
L	Foil	PES	DK - Denmark	0,0%
M	Plastic parts	PMMA	DK - Denmark	0,0%
N	LED board	Variety of components	JP – Japan	0,0%
O	Driver	Variety of components	CN – China	1,8%
P	Plastic parts	Silicone	DE – Germany	0,1%
Q	Mini shade	Die-casted aluminium	DK – Denmark	28,4%
R	Labels and instructions	Paper	DK – Denmark	0,1%
S	Packaging	Corrugated cardboard	DK – Denmark	5,2%
T	Inserts	Corrugated cardboard	DK – Denmark	8,7%
U	Bubble-film	LDPE	BE – Belgium	0,1%
				100%

Life Cycle Screening

Background

Our carbon footprint is the total quantity of greenhouse gas (GHG) emissions associated with the full lifecycle of the product. This includes the impacts associated with raw materials and emissions from manufacturing (materials and resources), transport, in use (cleaning) impacts and impacts at end of life (reuse, recycling, incineration, landfill etc.).

Basis of calculation

This is calculated according to the EU Product Environmental Footprint and presented according to ISO 14067 (Carbon footprint of products).

EU Product Environmental Footprint (PEF)

The PEF methodology is a new standard, introduced by the European Commission. The mission: to strengthen the (European) market for green alternatives and ensure that environmental impact is transparently assessed.



Use stage

The product use stage is calculated for a lifetime of 15 years with 1,000 hours of use each year in Europa, as required by the reference in PEF.

The electricity is based on the European energy mix, with data from: the European Environment Agency Greenhouse gas emission intensity of electricity generation.

Transport

1.200 km national or 3.500 km for export transport is calculated for the product from factory to end customer as required by the reference in PEF.

Uncertainties associated with these calculations

Calculation of emission levels is associated with uncertainty. This means that results may vary from actual levels. By using the PEF method, uncertainties are embedded in the Life Cycle Screening result using statistical methods.



Life Cycle Screening results

Product that has been calculated as a reference for the product family:

ALBERTSLUND MINI LAMP, Ø60 POLE, LED 3000K 34W CL. I

Production of the product

Average climate emission:

130 KG CO₂-e

Lower boundary: 65 CO₂-e

Upper boundary: 240 CO₂-e

Production of the product and use stage

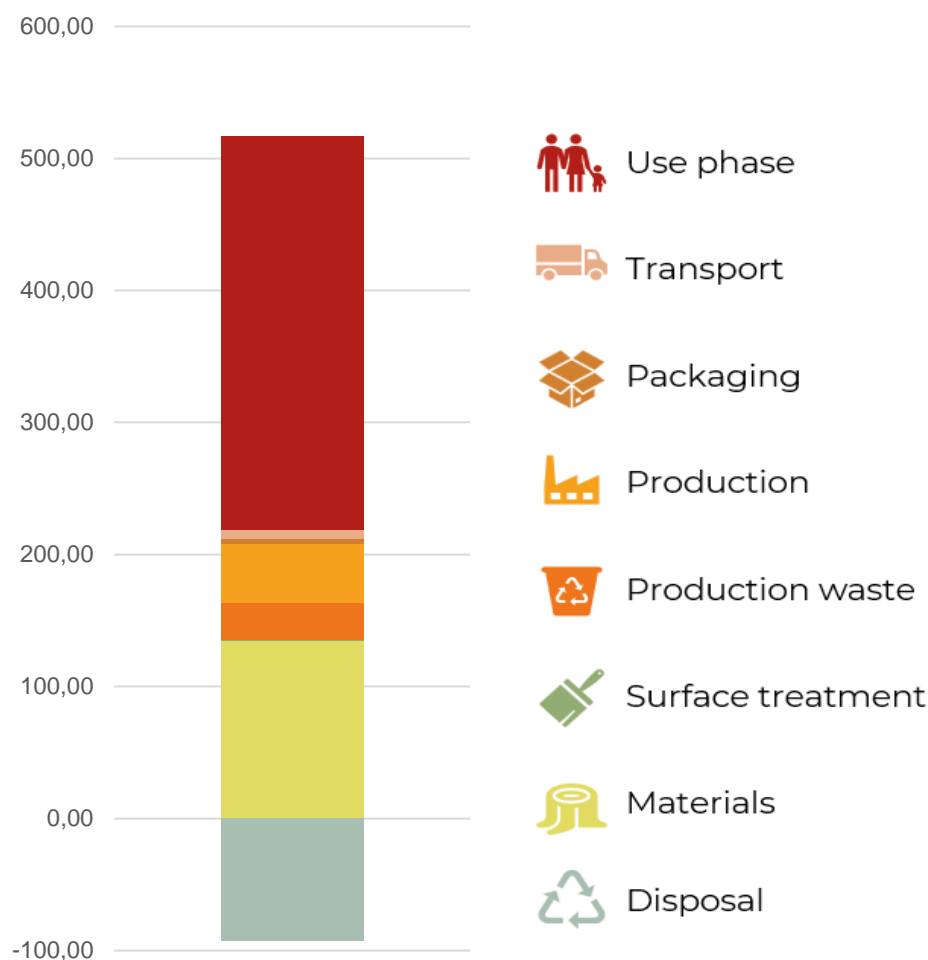
Average climate emission:

420 KG CO₂-e

Lower boundary: 360 CO₂-e

Upper boundary: 540 CO₂-e

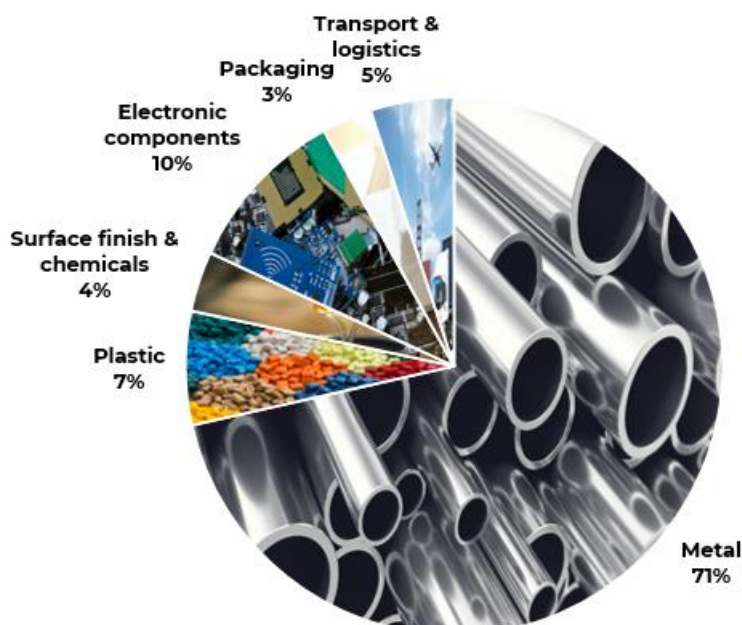
Carbon stages



The carbon footprint has been calculated using Målbar version 2.9612; in accordance with the Product Environmental Footprint. The carbon footprint has not been third-party verified. Only to be used for B2B, as comparing alternative results. Comparing data across methodologies is likely to result in inaccurate representations.

Main emission sources (pr material group)*

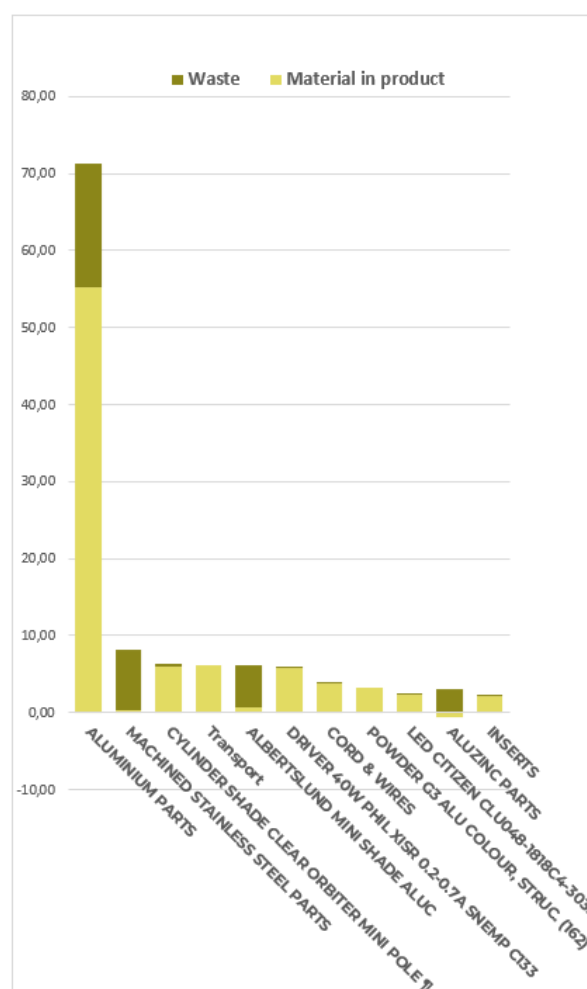
Group	Total impact		
Solid Wood	0,00	kg CO2-e	0,0%
Wood based board	0,00	kg CO2-e	0,0%
Metal	89,77	kg CO2-e	71,5%
Plastic	8,58	kg CO2-e	6,8%
Glass/Stone/Ceramics	0,00	kg CO2-e	0,0%
Surface finish & chemicals	4,54	kg CO2-e	3,6%
Upholstery	0,00	kg CO2-e	0,0%
Cover	0,00	kg CO2-e	0,0%
Electronic components	12,62	kg CO2-e	10,0%
Packaging	3,79	kg CO2-e	3,0%
Transport & logistics	6,31	kg CO2-e	5,0%



The values presented here represent total emissions per material group (incl. material, production, transport, waste, CO2e uptake)

Main emission sources (pr element)*

Element	Material	Total impact
ALUMINIUM PARTS	Alu. cast	71,38 kg CO2-e
MACHINED STAINLESS		
STEEL PARTS	Stainless steel machined	8,14 kg CO2-e
CYLINDER SHADE CLEAR		
ORBITER MINI POLE 11	Polycarbonate PC	6,27 kg CO2-e
Transport	Total emission from transport - all steps	6,15 kg CO2-e
ALBERTSLUND MINI SHADE		
ALUC	Alu. cast	6,09 kg CO2-e
DRIVER 40W PHIL XISR 0.2-0.7A SNEPC C133	Power supply with cables + connectors	5,87 kg CO2-e
CORD & WIRES	Electric cable (PVC)	3,81 kg CO2-e
POWDER G3 ALU COLOUR, STRUC. (162)	Or kg powder consumed	3,24 kg CO2-e
LED CITIZEN CLU048-1818C4-303M2M2-F1	1 layer aluminium (1,6mm thickness) PCB surface mount	2,36 kg CO2-e
ALUZINC PARTS	Alu. machined	2,35 kg CO2-e
INSERTS	Corrugated cardboard inlay	2,27 kg CO2-e



The values presented here represent total emissions per element (incl. material, production, transport, waste, CO2e uptake)