

louis poulsen



Environmental Product Specifications

— PH 3/2 Table Limited AW25

Product description

- Portable fixture.
- Terse and iconic design.
- The size of the three shades is adjusted for optimum performance and comfort.
- Interior surfaces of glass shades sandblasted to diffuse light.
- Member of a family products of various sizes and type.



Product info

Mounting

Cable length: 2.8 m. Through-contact.

Finish

Aged brass

Light source

1x40W E14.

Sizes and weights

Width x Height x Length (mm)

285 x 472 x 285 Max 2.9 kg

Class

Ingress protection IP20. Electric shock protection II w/o ground.

Product family



PH 3/2 Pendant



PH 3/2 Wall



PH 2/2 Luna Aged Brass



PH 4 1/2 / 3 1/2 Table

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

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

Part description	Included substances and materials	Country of origin	Weight in gram	Weight% (of the entire product)
Round bottom plate	Brass	CN – China	1025,0	16%
Knobs	Brass	CN - China	164,0	3%
Round covers	Brass	CN - China	92,0	1%
Kurling screws	Brass	CN - China	5,0	0%
Cross countersunk screw	Stainless steel	CN - China	1,0	0%
Screws	Steel	CN - China	1,0	0%
Shade assembly	Brass	CN - China	112,0	2%
Iron nipple	Iron	CN - China	7,0	0%
Stem	Brass	CN - China	156,0	2%
Engraving	Brass	CN - China	217,0	3%
Switch	Brass	CN - China	18,0	0%
Toggle switch assembly	Brass	CN - China	9,0	0%
Cable fastener, pressing part and connector	Nylon	CN - China	15,0	0%
Bushing	PEHD	CN - China	0,2	0%
Cross screw	Nylon	CN - China	0,5	0%
O-rings	Silicone	CN - China	0,2	0%
Glass shades	Hand-blown glass	IT - Italy	1005,0	16%
Felt	Non-woven polyester	CN - China	19,0	0%
White glooves	Cotton	CN - China	20,0	0%
Plastic bag	PELD	CN - China	20,0	0%
Master box	Corrugated cardboard box	CN - China	1300,0	21%
Inner box	Corrugated cardboard box	CN - China	2100,0	33%
			6286,2 g	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:

PH 3/2 TABLE, AGED BRASS, 1X4,5W E14.

Production of the product

Average climate emission:

50 KG CO2-e

Lower boundary: 46 CO2-e
Upper boundary: 55 CO2-e

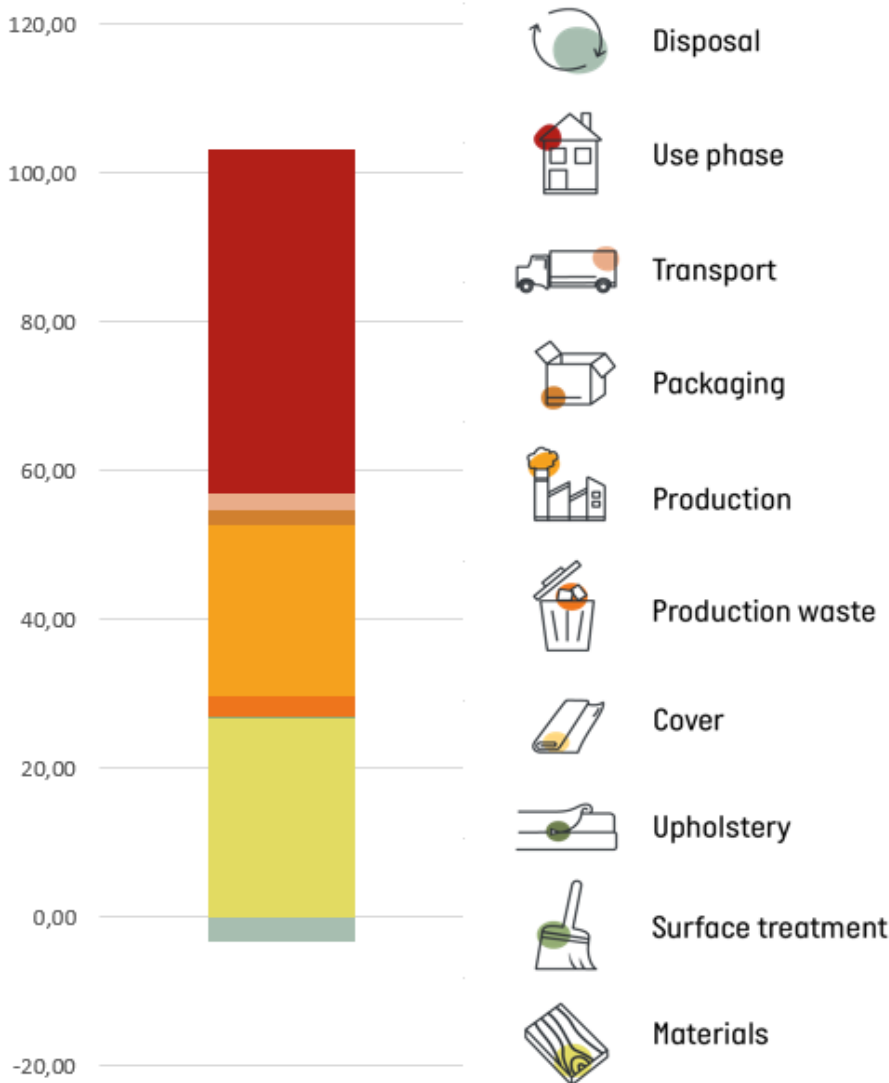
Production of the product and use stage

Average climate emission:

100 KG CO2-e

Lower boundary: 95 CO2-e
Upper boundary: 100 CO2-e

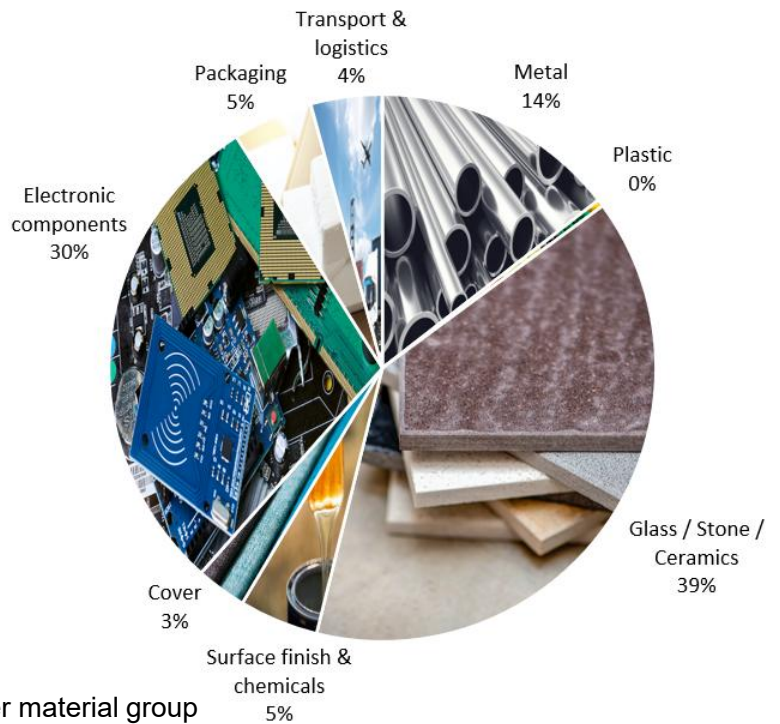
Carbon stages



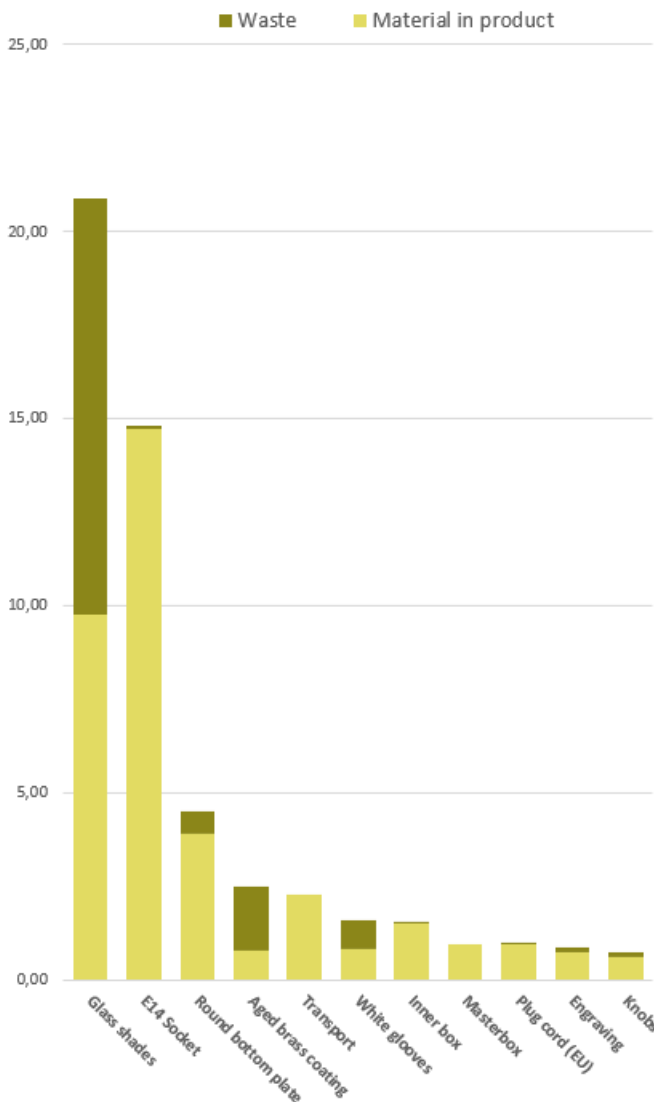
The carbon footprint has been calculated using Målbar version 2.9703; in accordance with the Product Environmental Footprint. The carbon footprint has not been third-party verified. Only to be used for B2B, as comparing alternative results. Comparing data across methodologies is likely to result in inaccurate representations.

Main emission sources (pr material group)*

Group	Total impact	
Solid Wood	0,0 kg CO ₂ eq	0,0%
Wood based board	0,0 kg CO ₂ eq	0,0%
Metal	7,8 kg CO ₂ eq	14,5%
Plastic	0,2 kg CO ₂ eq	0,4%
Glass / Stone / Ceramics	20,9 kg CO ₂ eq	39,0%
Surface finish & chemicals	2,5 kg CO ₂ eq	4,7%
Upholstery	0,0 kg CO ₂ eq	0,0%
Cover	1,6 kg CO ₂ eq	3,0%
Electronic components	15,8 kg CO ₂ eq	29,5%
Packaging	2,5 kg CO ₂ eq	4,7%
Transport & logistics	2,3 kg CO ₂ eq	4,2%



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
Glass shades	Virgin glass hand made	20,9 kg CO ₂ eq
E14 Socket	LED light bulb for E14 socket	14,8 kg CO ₂ eq
Round bottom plate	Brass machined	4,5 kg CO ₂ eq
Aged brass coating	Lacquer/paint solvent on metal/plastic, sprayed	2,5 kg CO ₂ eq
Transport	Total emission from transport - all steps	2,3 kg CO ₂ eq
White gloves	Cotton, Area of cover, m2, 0,44, Material	1,6 kg CO ₂ eq
Inner box	Corrugated cardboard box printed sustainable fiber	1,5 kg CO ₂ eq
Masterbox	Corrugated cardboard box printed sustainable fiber	1,0 kg CO ₂ eq
Plug cord (EU)	Electric cable (PVC)	0,97 kg CO ₂ eq
Engraving	Brass machined	0,88 kg CO ₂ eq
Knobs	Brass machined	0,72 kg CO ₂ eq
Total impact from Waste		25,02 kg CO₂eq

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