

louis poulsen

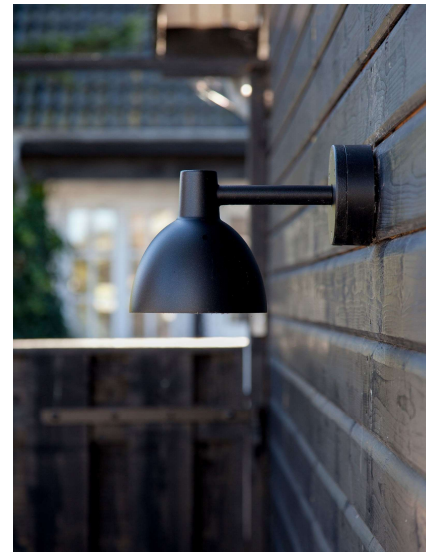
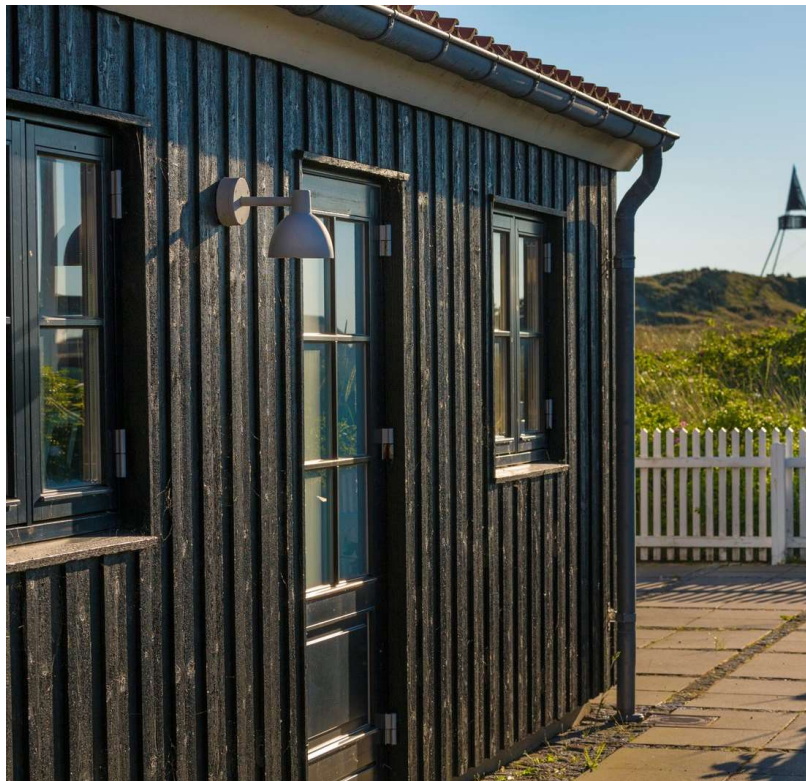


Environmental Product Specifications

— Toldbod 155 Wall

Product description

- Based on a PH elliptical reflector makes the design as a harmonic bell.
- A straight wall arm mounted in a round wall box holds the fixture head.
- Is a member of a product family for both outdoor and indoor.
- Terse design.
- Different color variants.



Product info

Mounting

Terminal block: 1x3x2.5mm². Cable entries: 2x bottom + 3x rear entries for Ø 10-14.5mm cable.

Finish

Aluminum colored with textured surface or black with textured surface, powder coated.

Light source

E14

Sizes and weights

Width x Height x Length (mm)
155 x 158 x 267 Max 1.4 kg

Class

Ingress protection IP44. Electric shock protection I w. ground. IK05.

Product family



Toldbod 290 Post



Toldbod 290 LED Upgrade Kit



Toldbod Pendant



Toldbod 155/220 Glass
Pendant



Toldbod 220/290 Wall



Toldbod 155 Bollard

Product variants

Dimension	Colour	Light source	Lumen	Lighting control
	<input type="radio"/> Aluminium colour texture	E14		
	<input type="radio"/> Black texture			

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. 55% 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.

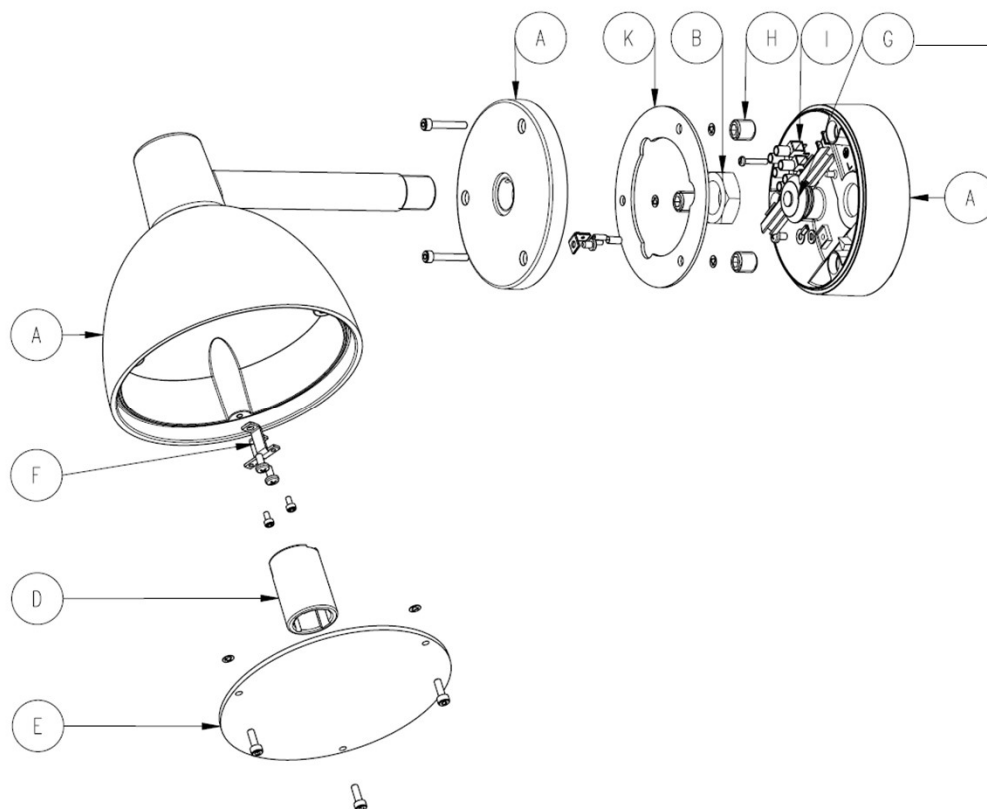
Louis Poulsen is part of ELRETUR which ensures that electronic waste (WEEE) across of Europa is reused.

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 parts	CN – China	56,5%
A	Painting	Powder coating	DE – Germany	3,5%
A	Painting	Wet painting	DK - Denmark	0,1%
B	Nuts	Stainless steel	MY – Malaysia	1,9%
C	O-ring	Rubber	DE – Germany	0,2%
D	Socket	Variety of components	IT – Italy	2,5%
E	Shield	PMMA	DK – Denmark	3,4%
F	Socket bracket	Aluzinc	DK - Denmark	2,2%
G	Membrane	Polyethylene	DK – Denmark	0,5%
H	Steel screws and washers	Stainless steel	CN – China	2,5%
I	Terminal	Variety of components	SE – Sweden	0,4%
J	Wires and cord	Variety of components	IT – Italy	3,4%
K	Gasket	Rubber	DK – Denmark	1,4%
L	Instructions and labels	Paper	DK – Denmark	0,5%
M	Packaging	Corrugated cardboard	DK - Denmark	12,4%
N	Inserts	Corrugated cardboard	DK - Denmark	7,8%
O	Plastic bag	LDPE	LT – Lithuania	0,7%
				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

1,000 km of 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:

Toldbod, Wall Mounted, Ø155, 4.5W

Production of the product

Total climate emission:

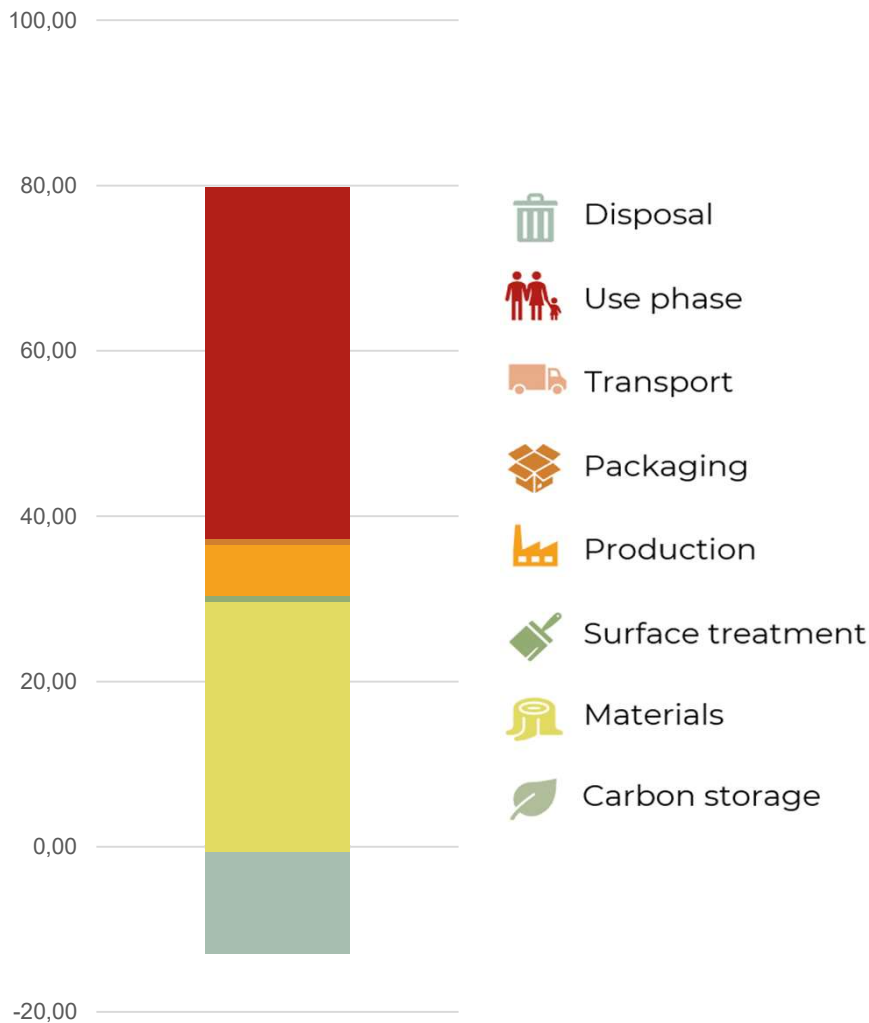
26 KG CO2-e

Production of the product and use stage

Total climate emission:

65 KG CO2-e

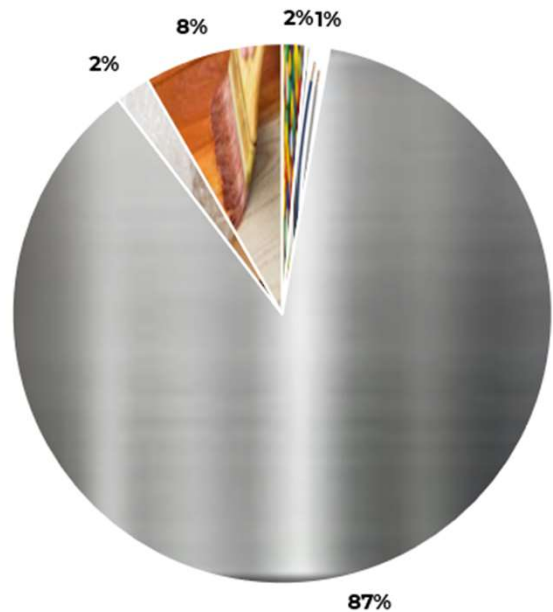
Carbon stages



Main emission sources (pr material group)*

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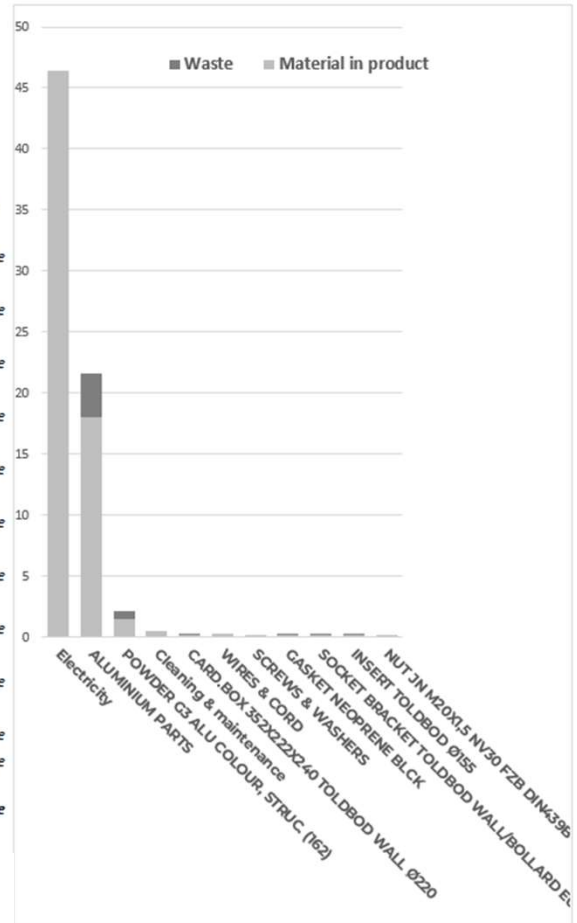
Group	Total impact
Solid Wood	0,00 kg CO2-e
Plastic	0,37 kg CO2-e
Cover	0,00 kg CO2-e
Standard Components	0,00 kg CO2-e
Electronics	0,35 kg CO2-e
Metal	22,13 kg CO2-e
Packaging	0,53 kg CO2-e
Upholstery	0,00 kg CO2-e
Wood Based Board	0,00 kg CO2-e
Surface Finish & Chemicals	2,12 kg CO2-e
Glass / Stone / Ceramics	0,00 kg CO2-e



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
Electricity	0	46,45 kg CO2-e
ALUMINIUM PARTS	Alu. cast	21,57 kg CO2-e
POWDER G3 ALU COLOUR, STRUC. (162)	Or kg powder consumed	2,10 kg CO2-e
Cleaning & maintenance	Cleaning, maintenance & Product Loss	0,52 kg CO2-e
CARD.BOX 352X222X240	Corrugated cardboard box, no print	0,29 kg CO2-e
TOLDBOD WALL Ø220		0,29 kg CO2-e
WIRES & CORD	Electric cable kg	0,29 kg CO2-e
SCREWS & WASHERS	Stainless steel screws/bolts	0,21 kg CO2-e
GASKET NEOPRENE BLCK	EPDM rubber, molded	0,20 kg CO2-e
SOCKET BRACKET		
TOLDBOD WALL/BOLLARD	Alu. Machined	0,19 kg CO2-e
INSERT TOLDBOD Ø155	Corrugated cardboard box, no print	0,18 kg CO2-e
NUT JN M20X1,5 NV30 FZB	Stainless steel screws/bolts	0,16 kg CO2-e
Total impact from Waste		4,48 kg CO2-e



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