

louis poulsen



Environmental Product Specifications

— NJP Table

Product description

- Desk lamp with two degrees of freedom in each hinge/joint.
- Desk lamp can be ordered with, base, clamp or pin.
- Pin is 10mm and has counter nut to tighten it.
- Desk lamp dimension and degrees of freedom allowing it to provide deliver illumination in accordance with EN 12464.
- Light source and diffuser positioned recessed into luminaire head to avoid unwanted glare in screens.



Product info

Mounting

rd type: Plastic. Cord length: 2m. Switch: On the fixture head. Timer function: 4 hours/8 hours. Table thickness: Ø10 Pin: 12-50mm. Ø40 Pin: 5-35mm. Clamp: up to 45mm. LED driver: separate, plugs into power outlet. The light has two built-in intensities.

Finish

White, black, light alu grey or dark alu grey, powder coated.

Light source

LED 2700K 10W, Lumen: 529.

Sizes and weights

Width x Height x Length (mm)
 220 x 480 x 480 Max 5.1 kg

Class

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

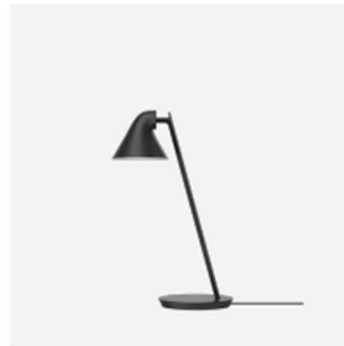
Product family



NJP Wall



NJP Floor



NJP Mini

Product variants

Colour	Mounting	Cable type	Light source	Lumen
● Black	Base	Blk pl	LED 2700K 10W	529
● Dark aluminium grey	Clamp	Wht pl	LED 3000K 10W	550
● Light aluminium grey	Pin ø10			
○ White	Pin ø40			

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 foam and 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. 75% recycled fibre 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.

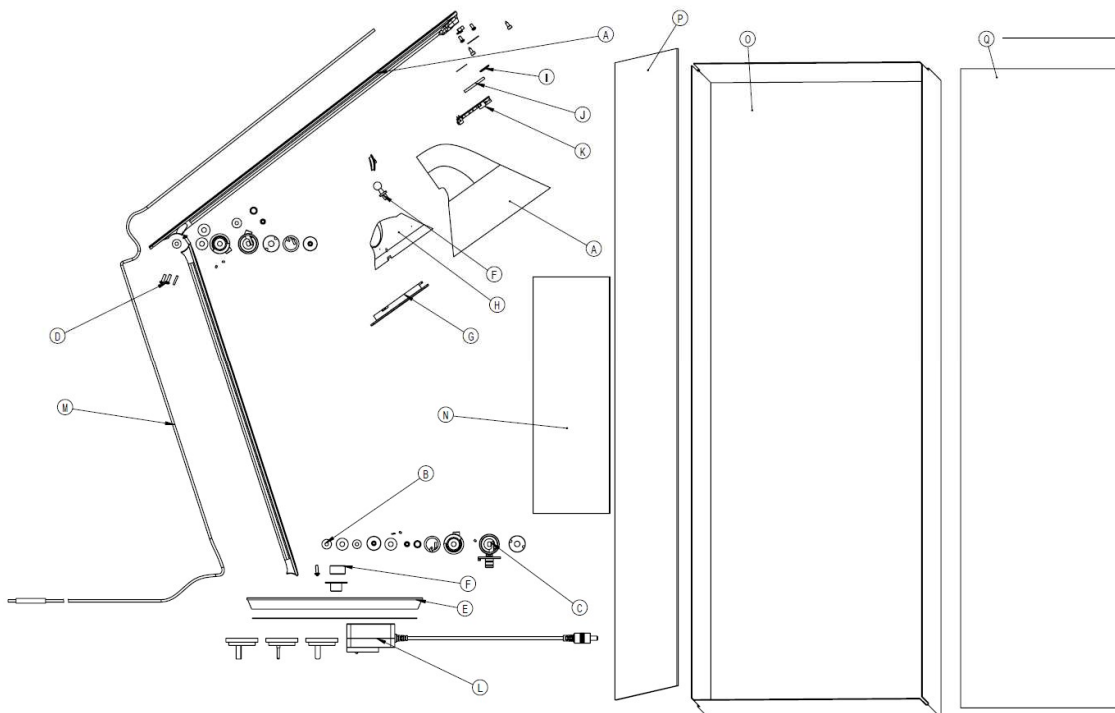
This product must be treated as electronic waste:



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	11,8%
A	Painting	Wet paint and powder coating	CN – China	0,6%
B	Steel parts	Stainless steel	CN – China	0,6%
C	Zinc parts	Die-casted zinc alloy	CN – China	1,7%
C	Painting	Powder coating	CN – China	0,1%
D	Screws, bolts and nuts	Machined stainless steel	CN – China	0,6%
E	Steel base	Stainless steel	CN – China	60,1%
F	Brass parts	Brass	CN – China	0,2%
G	Diffusor	PMMA	CN – China	0,3%
H	Plastic parts	ABS	CN – China	0,2%
I	COB	Variety of components	CN – China	0,2%
J	Casing	PC	CN – China	0,0%
K	PCB	Variety of components	CN – China	0,0%
L	Driver	Variety of components	CN – China	1,5%
M	Wires	Variety of components	CN – China	1,2%
N	Instructions and labels	Paper	CN – China	0,3%
O	Packaging	Corrugated cardboard	CN – China	13,5%
P	Packaging insert	Polyurethane foam	CN – China	6,9%
Q	Plastic bag	Plastic - LDPE	CN – China	0,2%

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.

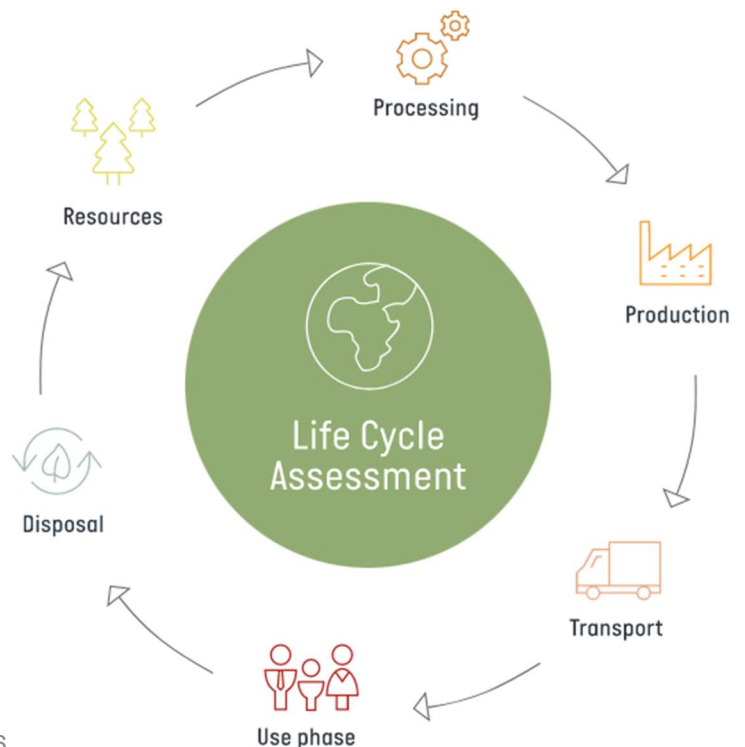
The electricity is based on the European energy mix, with data from: the European Environment Agency Greenhouse gas emission intensity of electricity generation.

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:

NJP Table, LED 3000K, 10W, >0,1W in standby power.

Production of the product

Total climate emission:

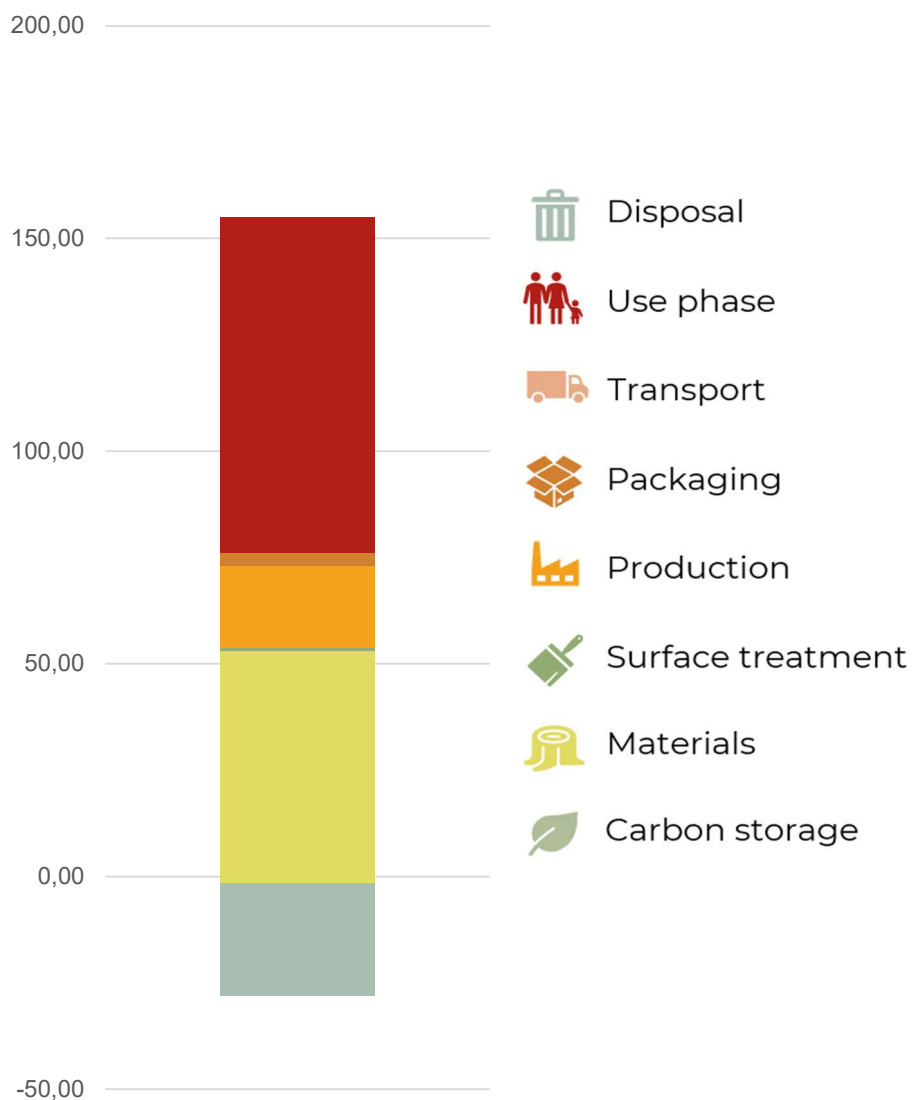
50 KG CO2-e

Production of the product and use stage

Total climate emission:

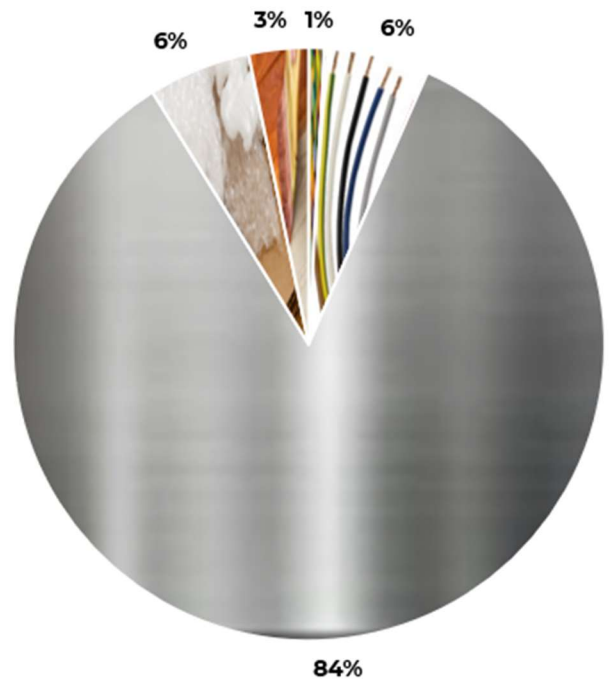
130 KG CO2-e

Carbon stages



Main emission sources (pr material group)*

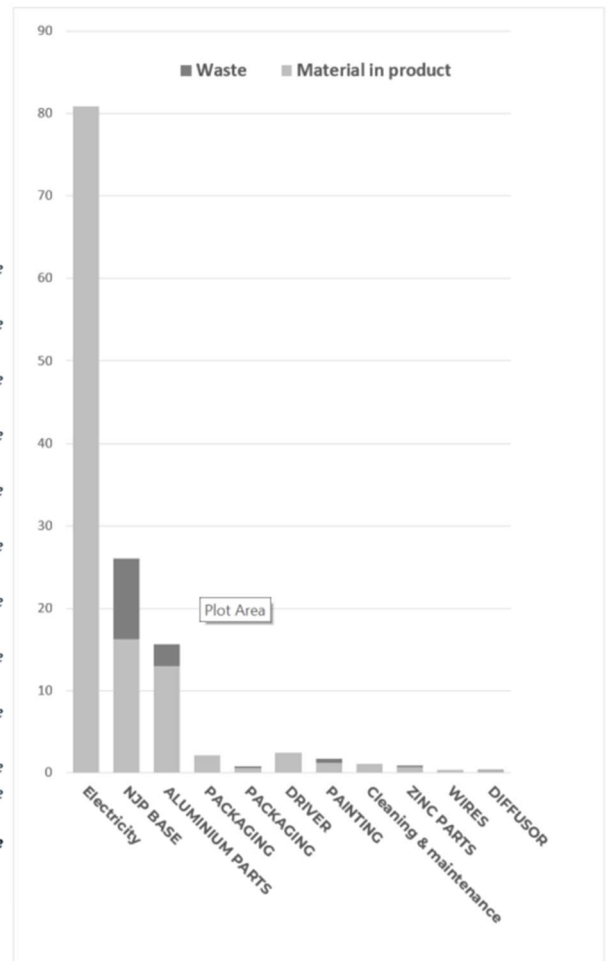
Group	Total impact
Solid Wood	0,00 kg CO2-e
Plastic	0,44 kg CO2-e
Cover	0,00 kg CO2-e
Standard Components	0,00 kg CO2-e
Electronics	2,91 kg CO2-e
Metal	43,01 kg CO2-e
Packaging	2,84 kg CO2-e
Upholstery	0,00 kg CO2-e
Wood Based Board	0,00 kg CO2-e
Surface Finish & Chemicals	1,66 kg CO2-e
Glass / Stone / 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	80,87 kg CO2-e
NJP BASE	Stainless steel machined	26,02 kg CO2-e
ALUMINIUM PARTS	Alu. cast	15,59 kg CO2-e
PACKAGING	EPS (polystyrene foam)	2,04 kg CO2-e
PACKAGING	Corrugated cardboard box, no print	0,74 kg CO2-e
DRIVER	Power supply with cables + connectors kg	2,43 kg CO2-e
PAINTING	Or kg powder consumed	1,66 kg CO2-e
Cleaning & maintenance	Cleaning, maintenance & Product Loss	1,05 kg CO2-e
ZINC PARTS	Zink, diecast	0,82 kg CO2-e
WIRES	Electric cable kg	0,37 kg CO2-e
DIFFUSOR	Acrylic (PMMA), molded	0,28 kg CO2-e
Total impact from Waste		13,41 kg CO2-e



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