

louis poulsen



Environmental Product Specifications

— Kipp Post

Product description

- The fixture emits symmetrical light directed downwards.
- The angle of the internal diffuser, together with the slightly curved top shade, ensures a wide band of glare-free, uniform lighting.



Product info

Mounting

Pole dimension: Ø 48mm or Ø 60mm.

Installation cable:

3,5 m 2x1 mm² (-DPC Cl.II),

3,5 m 3x1 mm² (-DPC Cl.I),

3,5 m 4x1 mm² (-DAC Cl.II),

3,5 m 5x1 mm² (-DAC Cl.I).

Finish

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

Light source

LED

Sizes and weights

Width x Height x Length (mm)

290 x 300 x 475 Max 10.1 kg

Class

Ingress protection IP65.

Electric shock protection:
I w. ground, II w/o ground.

IK08.

Product family



Kipp Bollard



Kipp Wall



Kipp LED Upgrade Kit

Product variants

Colour	Mounting	Light source	Lumen	Class	Shade	Lighting control
● Aluminium colour texture	Ø 115 pole	LED 3000K 30W	3011	I	BLK	Dali + clo dac li
○ Colour of your choice	Ø 115 POLE	LED 3000K 66W	3104	II	Same colour as Frame	Nightdim + clo dpc hi
● Graphite grey	Ø 60 pole	LED 4000K 30W	6575		WHT	Nightdim + clo dpc li
	Ø 60 POLE	LED 4000K 66W	6746			Sr 2xzhaga ct li
	Ø 76 pole					
	Ø 76 POLE					

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 with 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.

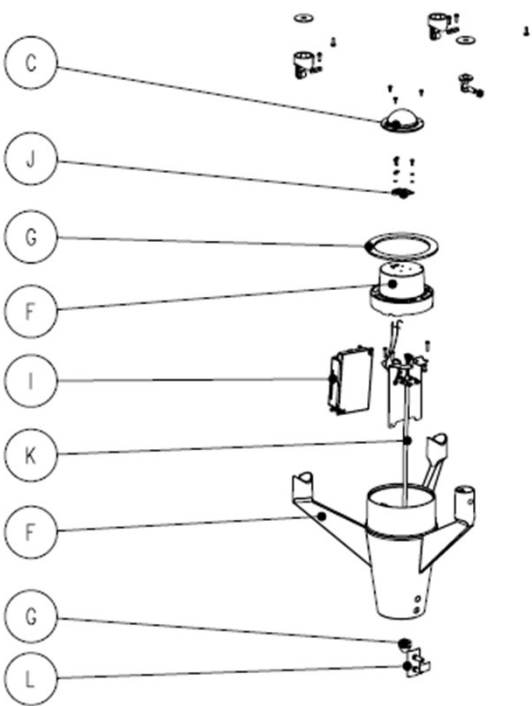
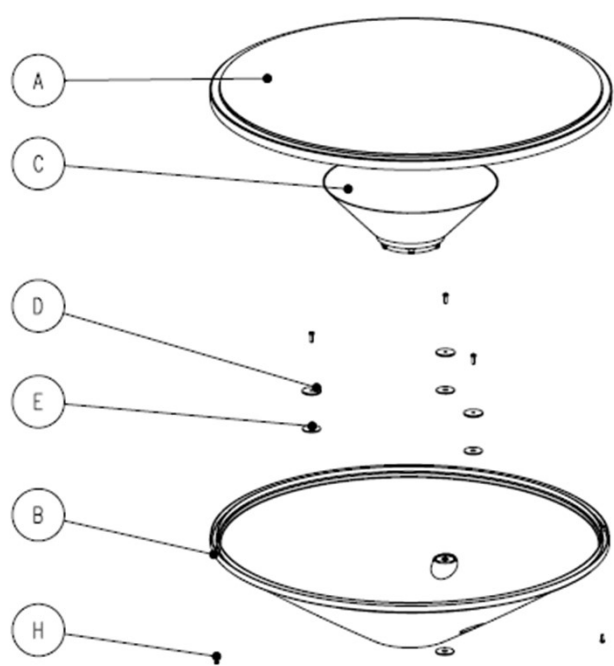
Louis Poulsen is part of ELRETUR which ensures that electronic waste (WEEE) across of Europa is reused.

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	Roof	Plastic - ASA	DK - Denmark	18,3%
B	Shade	Plastic - PC	DK - Denmark	18,3%
C	Plastic parts	Plastic - PMMA	DK - Denmark	2,9%
D	Disc	Aluminium	DK - Denmark	0,2%
E	Washer	Plastic - Rubber	DK - Denmark	0,1%
F	Aluminium parts	Die-casted aluminium parts	CN - China	25,9%
F	Painting	Powder coating	DE - Germany	0,9%
G	Plastic parts	Plastic - EPDM	DK - Denmark	0,1%
H	Steel screws, bolts and nuts	Stainless Steel	CN - China	1,1%
I	Driver	Variety of components	US - United States	1,7%
I	Driver bracket	Aluzink	DK - Denmark	1,0%
J	LED	Variety of components	JP - Japan	0,0%
K	Cord	Rubber, fluorinated ethylene propylene and copper	IT - Italy	4,8%
L	Plate	Stainless Steel	TW - Taiwan	0,2%
M	Packaging	Corrugated cardboard	PL - Poland	18,3%
N	Insert	Corrugated cardboard	DK - Denmark	6,0%
O	Instruction and labels	Paper	DK - Denmark	0,0%
				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:

Kipp post, LED-DAC LI 3K, 30 Watt.

Production of the product

Total climate emission:

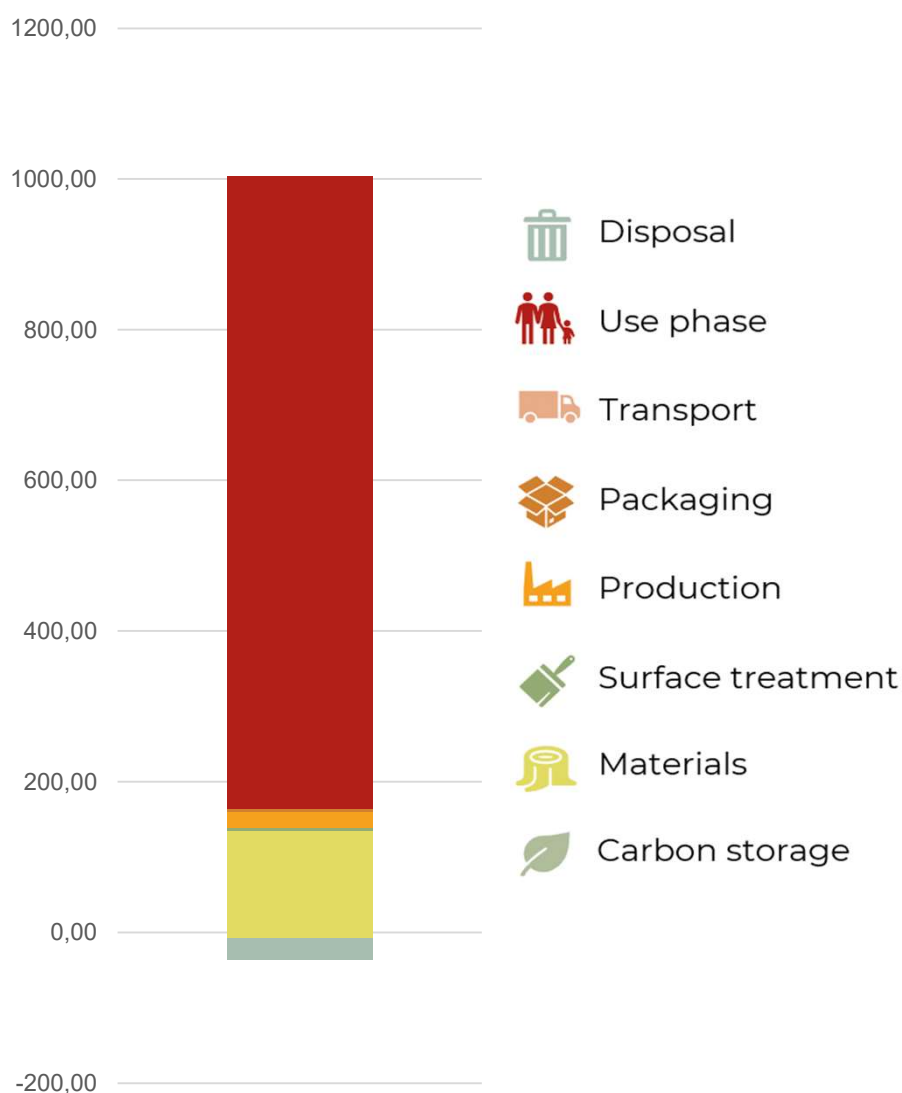
140 KG CO₂-e

Production of the product and use stage

Total climate emission:

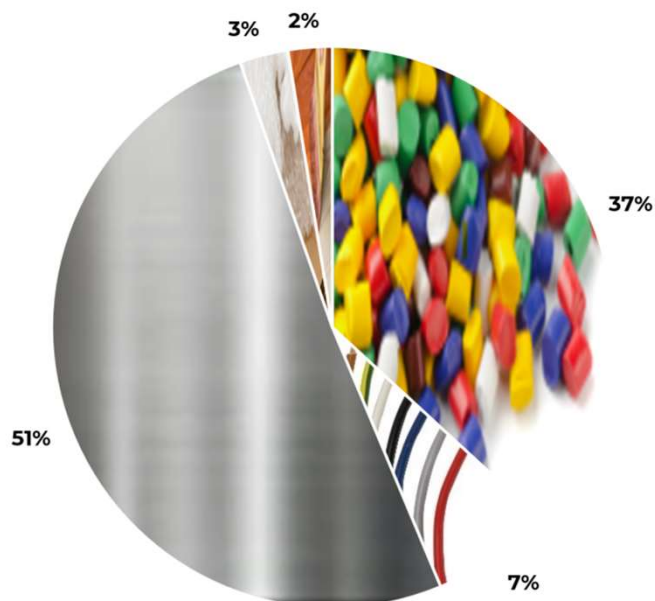
970 KG CO₂-e

Carbon stages



Main emission sources (pr material group)*

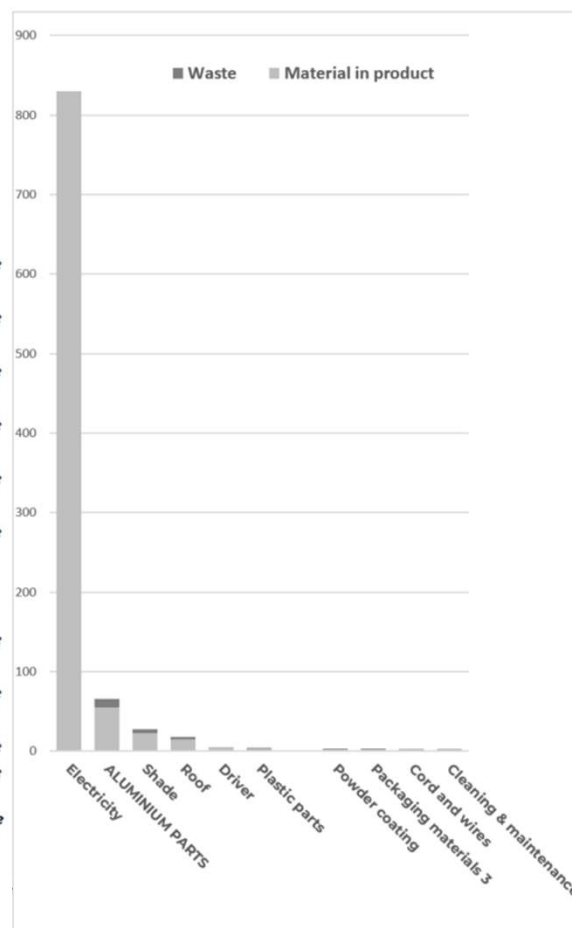
Group	Total impact
Solid Wood	0,00 kg CO ₂ -e
Plastic	50,06 kg CO ₂ -e
Cover	0,00 kg CO ₂ -e
Standard Components	0,00 kg CO ₂ -e
Electronics	9,29 kg CO ₂ -e
Metal	69,24 kg CO ₂ -e
Packaging	3,81 kg CO ₂ -e
Upholstery	0,00 kg CO ₂ -e
Wood Based Board	0,00 kg CO ₂ -e
Surface Finish & Chemicals	3,44 kg CO ₂ -e
Glass / Stone / Ceramics	0,00 kg CO ₂ -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	830,19 kg CO ₂ -e
ALUMINIUM PARTS	Alu. cast	66,12 kg CO ₂ -e
Shade	PC, molded	27,59 kg CO ₂ -e
Roof	ABS/ASA, molded	18,10 kg CO ₂ -e
Driver	Power supply with cables + connectors kg	5,18 kg CO ₂ -e
Plastic parts	Acrylic (PMMA), molded	4,07 kg CO ₂ -e
Powder coating	Or kg powder consumed	3,44 kg CO ₂ -e
Packaging materials 3	Corrugated cardboard box, no print	2,87 kg CO ₂ -e
Cord and wires	Electric cable kg	2,80 kg CO ₂ -e
Cleaning & maintenance	Cleaning, maintenance & Product	2,80 kg CO ₂ -e
Total impact from Waste		22,03 kg CO₂-e



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