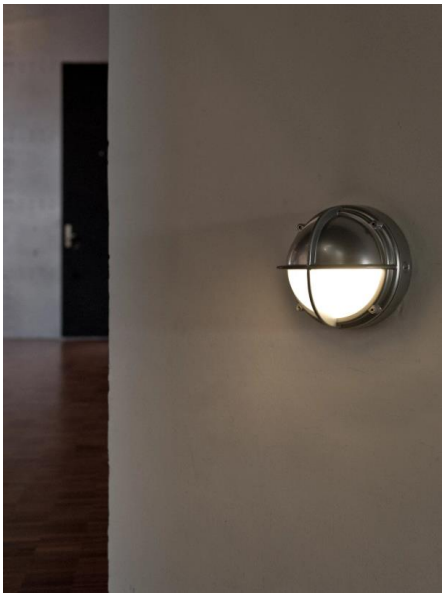
louis poulsen

Environmental Product Specifications

— Skot Wall

Product description

- The fixture is available with two types of distribution: symmetric or half shaded.
- The half shaded is only recommended for wall mounting.
- The opal diffuser creates a soft light distribution. For higher efficiency, the clear version can be selected.



Product info

Mounting

Terminal strip: 1x5x6mm².
Cable access: 6 rear and 3 push-out blanks on each side, Ø19mm. Looping: Approved, max. 4x2.5mm².

Finish

Aluminum colored or graphite with textured surface, powder coated.

Light source

LED 3000K 6.5W, Lumen: 522.

Sizes and weights

Width x Height x Length (mm)
239 x 155 x 239 Max 3.0 kg

Class

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

Product family

Skot Bollard

Skot Ceiling

Skot LED Upgrade Kit

Product variants

Colour	Light source	Lumen	Shield
Aluminium colour	LED 3000K 6.5W	381	CLEAR
Graphite grey texture	LED 4000K 6.5W	388	HALF SHADED CLEAR
		505	HALF SHADED OPAL
		514	OPAL
		522	
		530	
		660	
		671	

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	DK - Denmark	45,7%
A	Painting	Powder coating	GB – United Kingdom	2,8%
B	Stainless steel parts	Machined stainless steel	CN – China	2,5%
C	Aluminium parts	Machined aluminium	DK – Denmark	7,5%
D	Component bracket	Aluzinc	DK – Denmark	2,4%
E	Screws	Stainless steel	CN – China	3,3%
F	Plastic parts	EPDM	CN – China	2,1%
G	Plastic parts	PC	DK – Denmark	4,4%
H	Silicone tube	Silicone	IT – Italy	1,2%
I	Terminal	Variety of components	CN – China	0,6%
J	Plastic parts	PA	DE – Germany	2,6%
K	LED diffusor	PMMA	DK – Denmark	0,8%
L	Driver	Variety of components	NL – Netherlands	2,3%
M	Wires	Variety of components	IT – Italy	2,4%
N	LED board	Variety of components	JP – Japan	2,8%
O	Rubber washer	CR/SBR	CN – China	0,6%
P	Labels and instructions	Paper	DK – Denmark	0,7%
Q	Packaging	Corrugated cardboard	DK – Denmark	15,0%
R	Plastic bags	LDPE	LT – Lithuania	0,3%
				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.

European Commission

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.

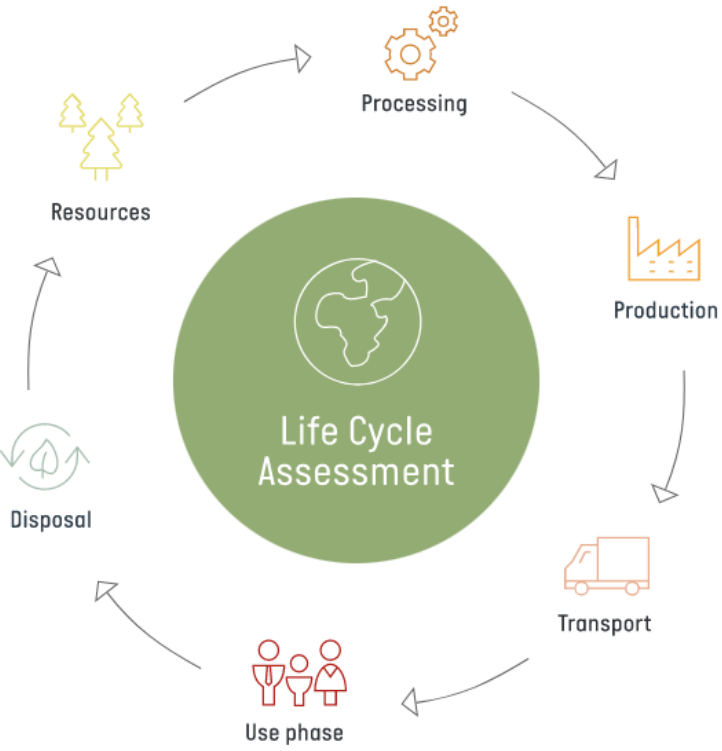
The electricity is based on the European energy mix, with data from: the European Environment Agency Greenhouse gas emission intensity of electricity generation.

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:

SKOT WALL, ALUMINIUM COLOURED, LED 3000K 6.5W

Production of the product

Average climate emission:

19 KG CO2-e

Lower boundary: 12 CO2-e
Upper boundary: 65 CO2-e

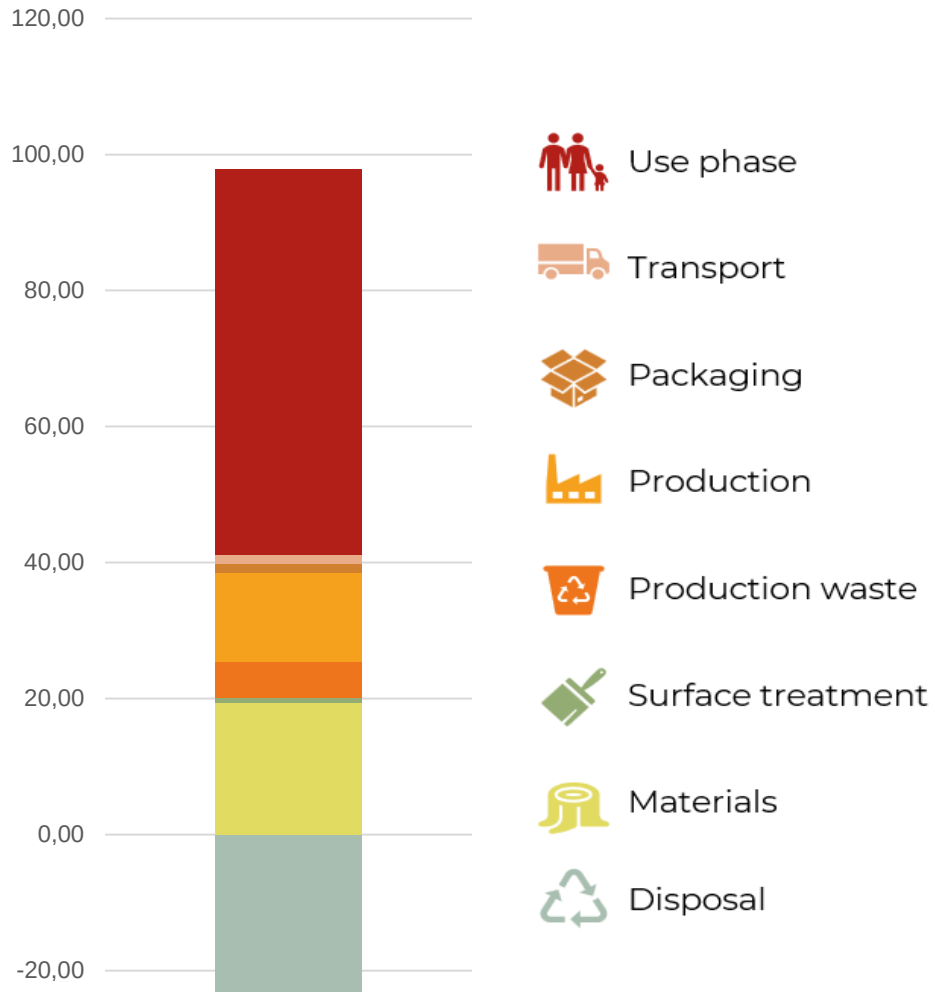
Production of the product and use stage

Average climate emission:

75 KG CO2-e

Lower boundary: 60 CO2-e
Upper boundary: 120 CO2-e

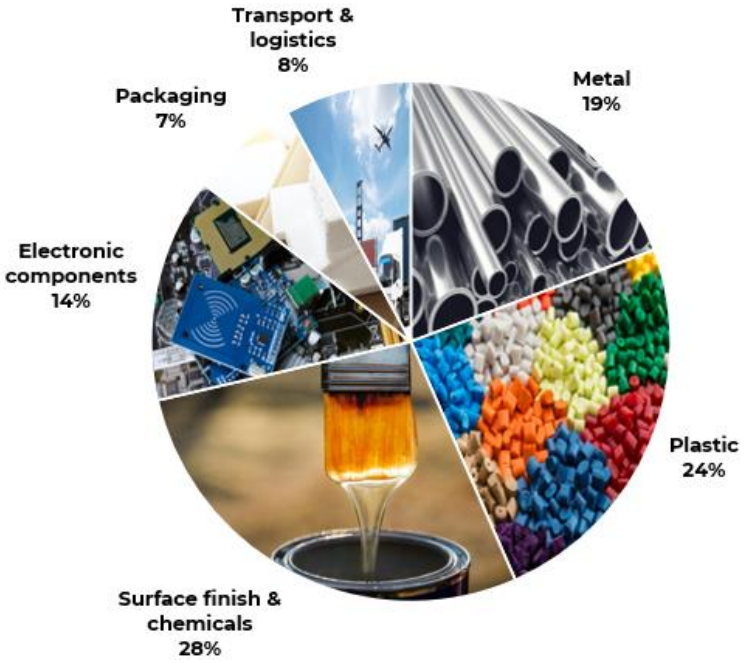
Carbon stages



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)**

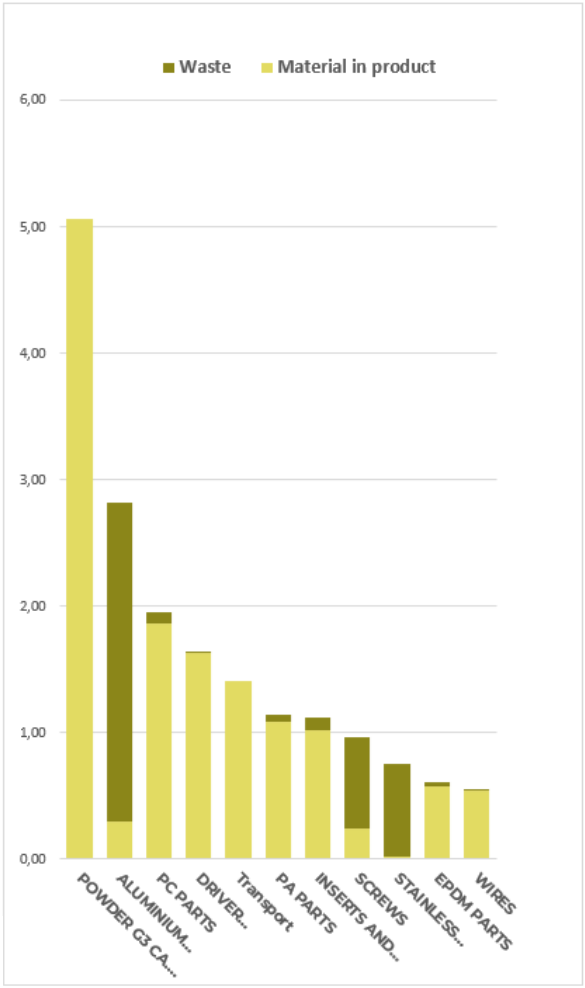
Group	Total impact		
Solid Wood	**0,00**	*kg CO2-e*	**0,0%**
Wood based board	**0,00**	*kg CO2-e*	**0,0%**
Metal	**3,49**	*kg CO2-e*	**19,3%**
Plastic	**4,38**	*kg CO2-e*	**24,2%**
Glass / Stone / Ceramics	**0,00**	*kg CO2-e*	**0,0%**
Surface finish & chemicals	**5,07**	*kg CO2-e*	**28,0%**
Upholstery	**0,00**	*kg CO2-e*	**0,0%**
Cover	**0,00**	*kg CO2-e*	**0,0%**
Electronic components	**2,53**	*kg CO2-e*	**14,0%**
Packaging	**1,23**	*kg CO2-e*	**6,8%**
Transport & logistics	**1,43**	*kg CO2-e*	**7,9%**



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	
POWDER G3 CA. RAL 9006 METALLIC (168)	Or kg powder consumed	**5,07**	*kg CO2-e*
ALUMINIUM CASTED	Alu. cast	**2,82**	*kg CO2-e*
PC PARTS	Polycarbonate PC	**1,95**	*kg CO2-e*
DRIVER FULHAM 12W L05020-1248200 150/200	Power supply with cables + connectors	**1,64**	*kg CO2-e*
Transport	Total emission from transport - all steps	**1,40**	*kg CO2-e*
PA PARTS	Polyamide (PA6)	**1,14**	*kg CO2-e*
INSERTS AND CARDBOARD BOXES	Corrugated cardboard box printed sustainable fiber	**1,12**	*kg CO2-e*
SCREWS	Stainless steel screws/bolts	**0,96**	*kg CO2-e*
STAINLESS STEEL MACHINED	Stainless steel machined	**0,75**	*kg CO2-e*
EPDM PARTS	EPDM rubber BMC	**0,61**	*kg CO2-e*
WIRES	Electric cable (PVC)	**0,55**	*kg CO2-e*



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