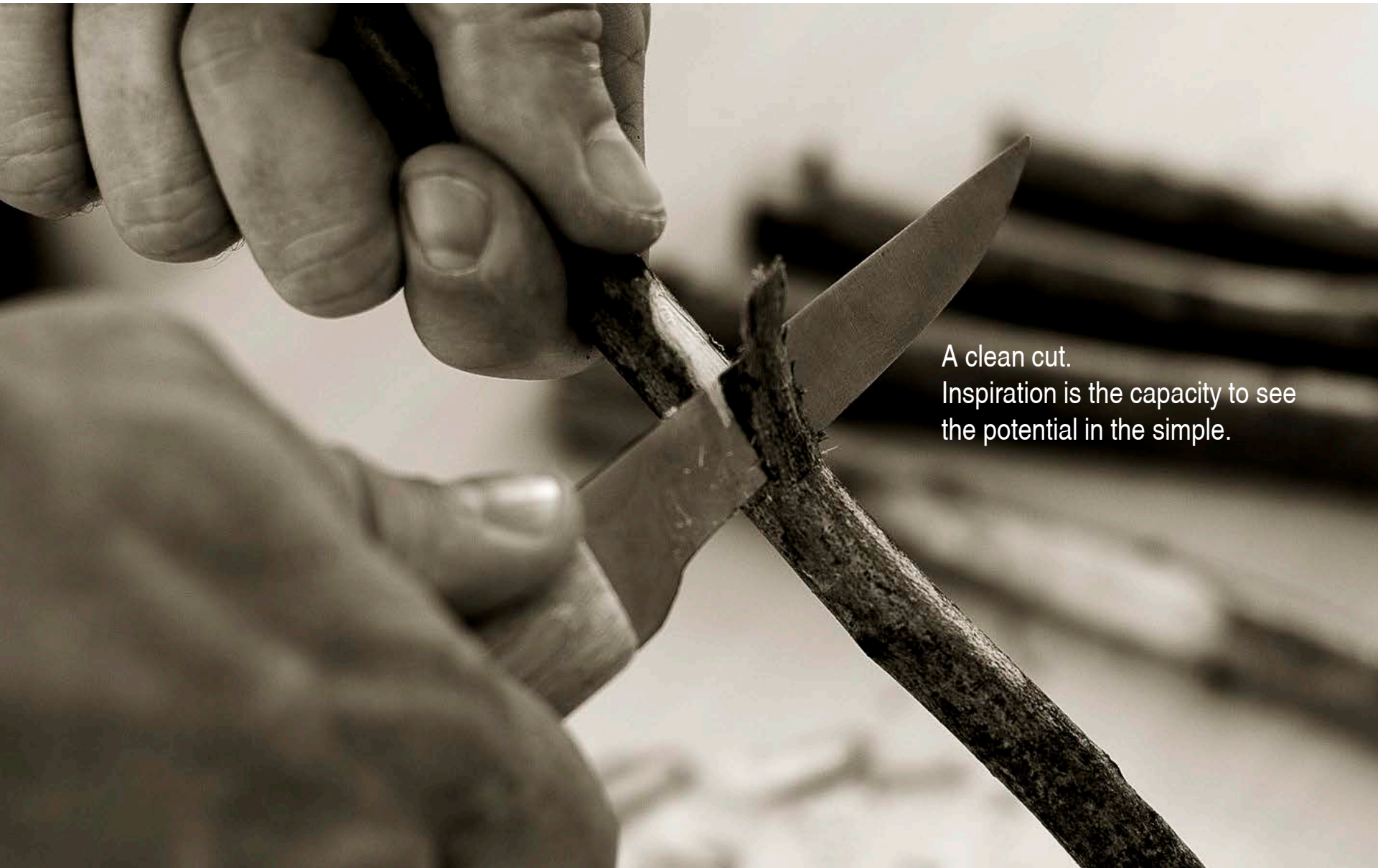


FLINDT



Flindt Bollard. Design: Christian Flindt

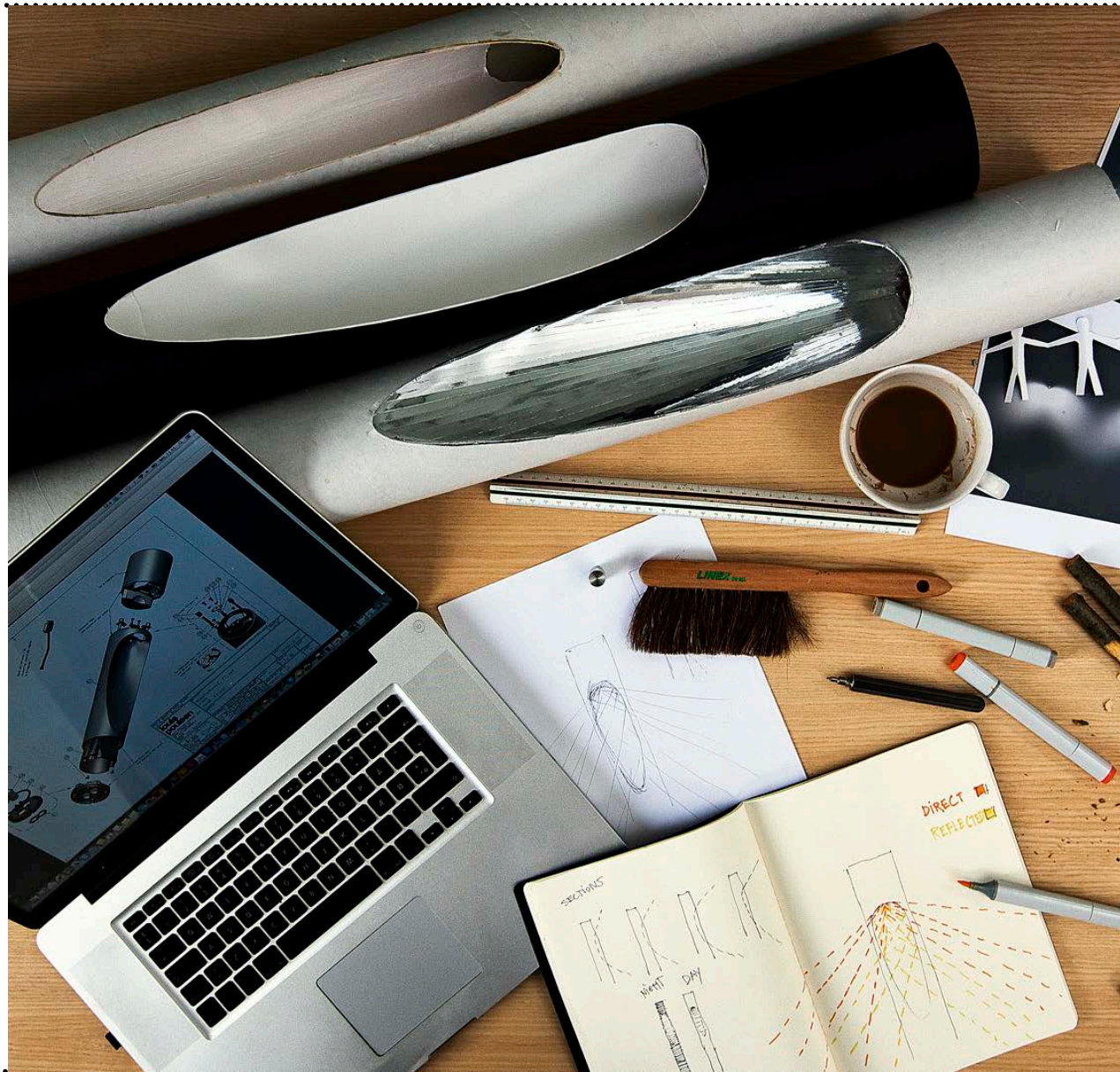
**louis
poulsen**



A clean cut.
Inspiration is the capacity to see
the potential in the simple.

PRACTICE MAKES PERFECT

It began with Christian Flindt's vision of how this fixture would emit and distribute light. Then, through a series of full-scale trials, optimal light distribution was achieved. The result: Flindt Bollard, an outdoor fixture that illuminates itself, while simultaneously emitting glare-free, energy efficient and directional light- attributes of paramount importance to Christian Flindt and Louis Poulsen.





Features

- Asymmetric light distribution
- 100% glare-free
- Vandal-resistant design
- Blends in well with natural surroundings and surface materials
- Fine adjustment possible after installation
- Ideal for repetitive installations



Vallensbæk P: Kaslov Studio

Vandal Resistant

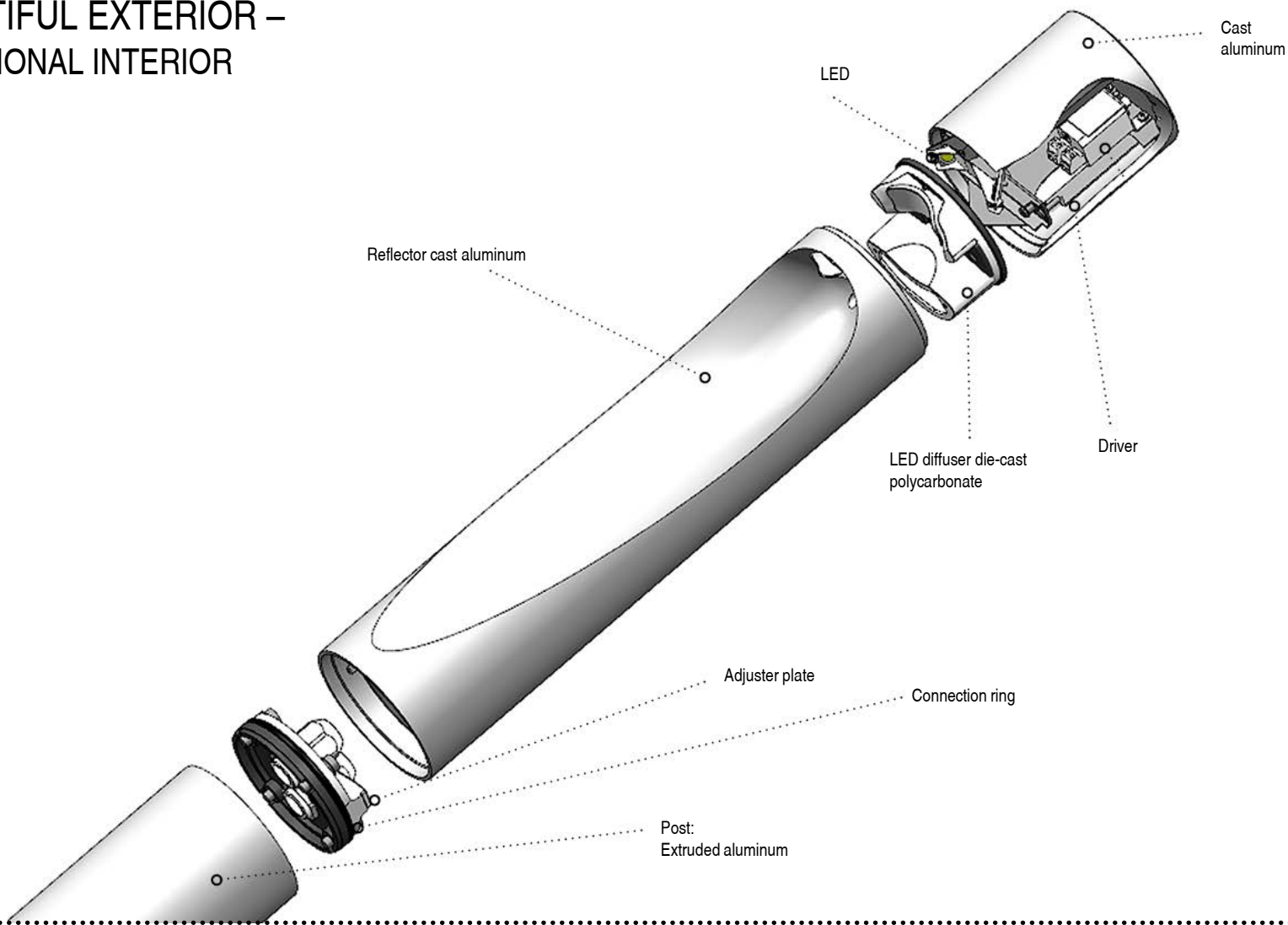
Flindt bollard was submitted to be IK tested. The IK tests specific fixtures against various forces.

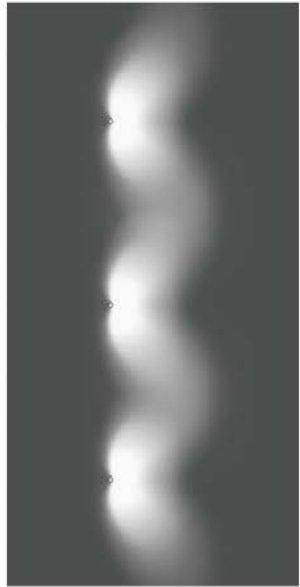
Flindt bollard received the highest rating (IK10+).

Additional findings: The Flindt bollard will suffer some cosmetic damage, but will maintain its structural integrity and continue working. This is important as bollards are accessible to the public. Schools, parks and other public spaces can make them vulnerable to certain levels of abuse. A high rating gives some comfort and shows that the bollard is constructed for longevity.

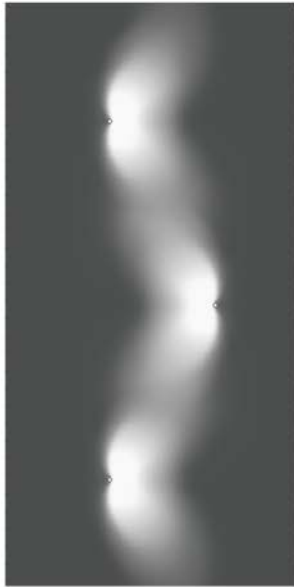


BEAUTIFUL EXTERIOR –
FUNCTIONAL INTERIOR

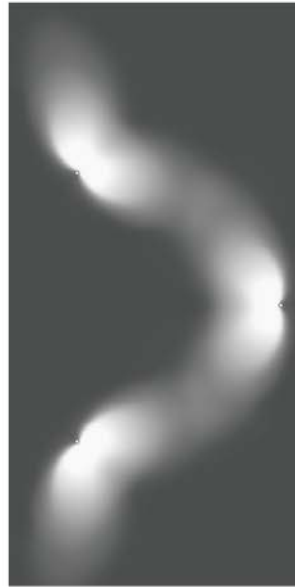




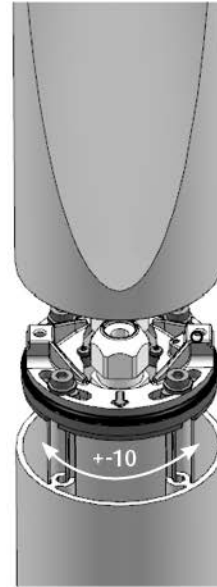
Linear



Zig-zag



Curved



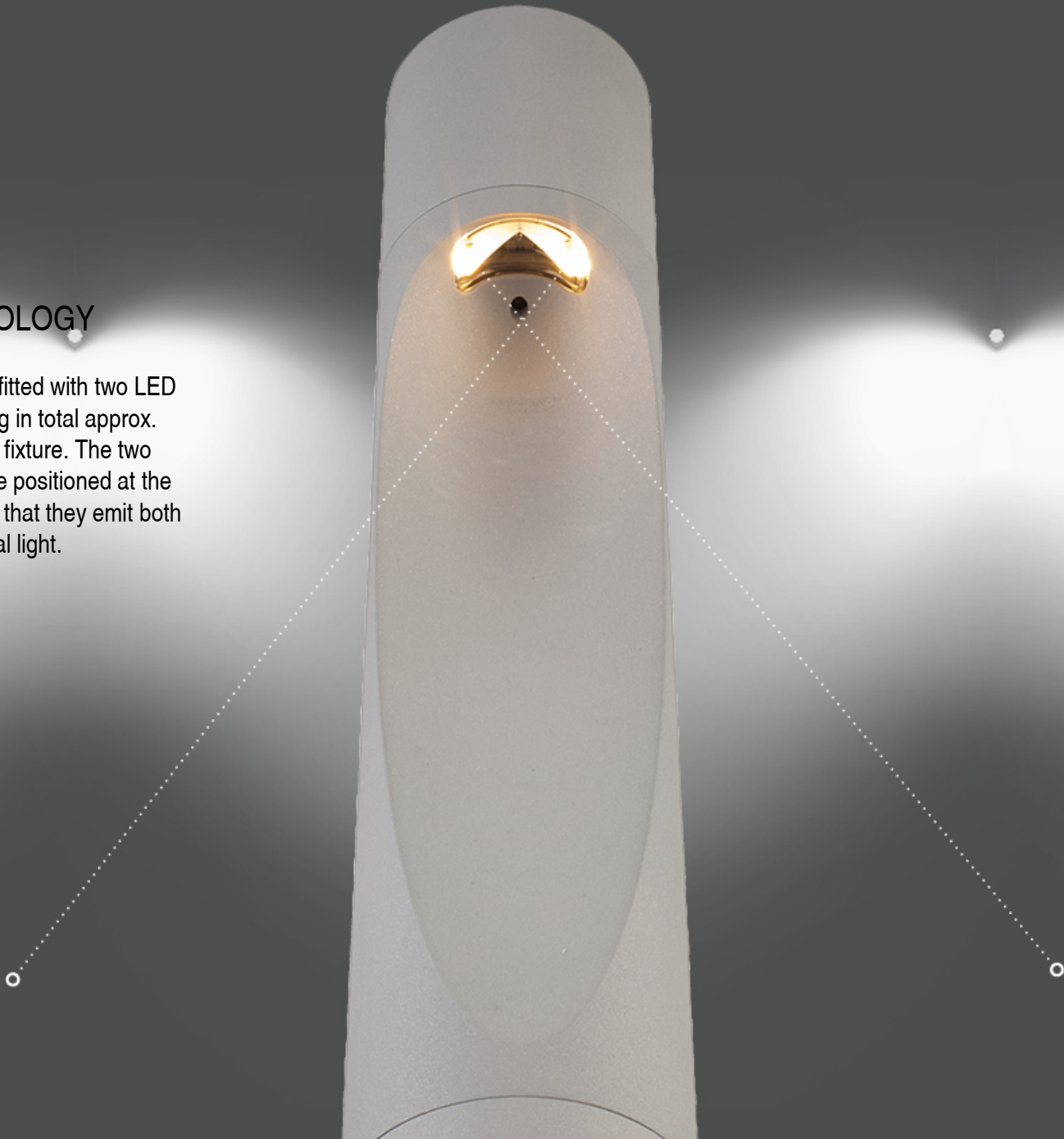
Adjuster plate

OPTIMIZATION OF THE LIGHT EXPERIENCE

The light can be adjusted plus/minus 10° to allow optimization of the design and light distribution.

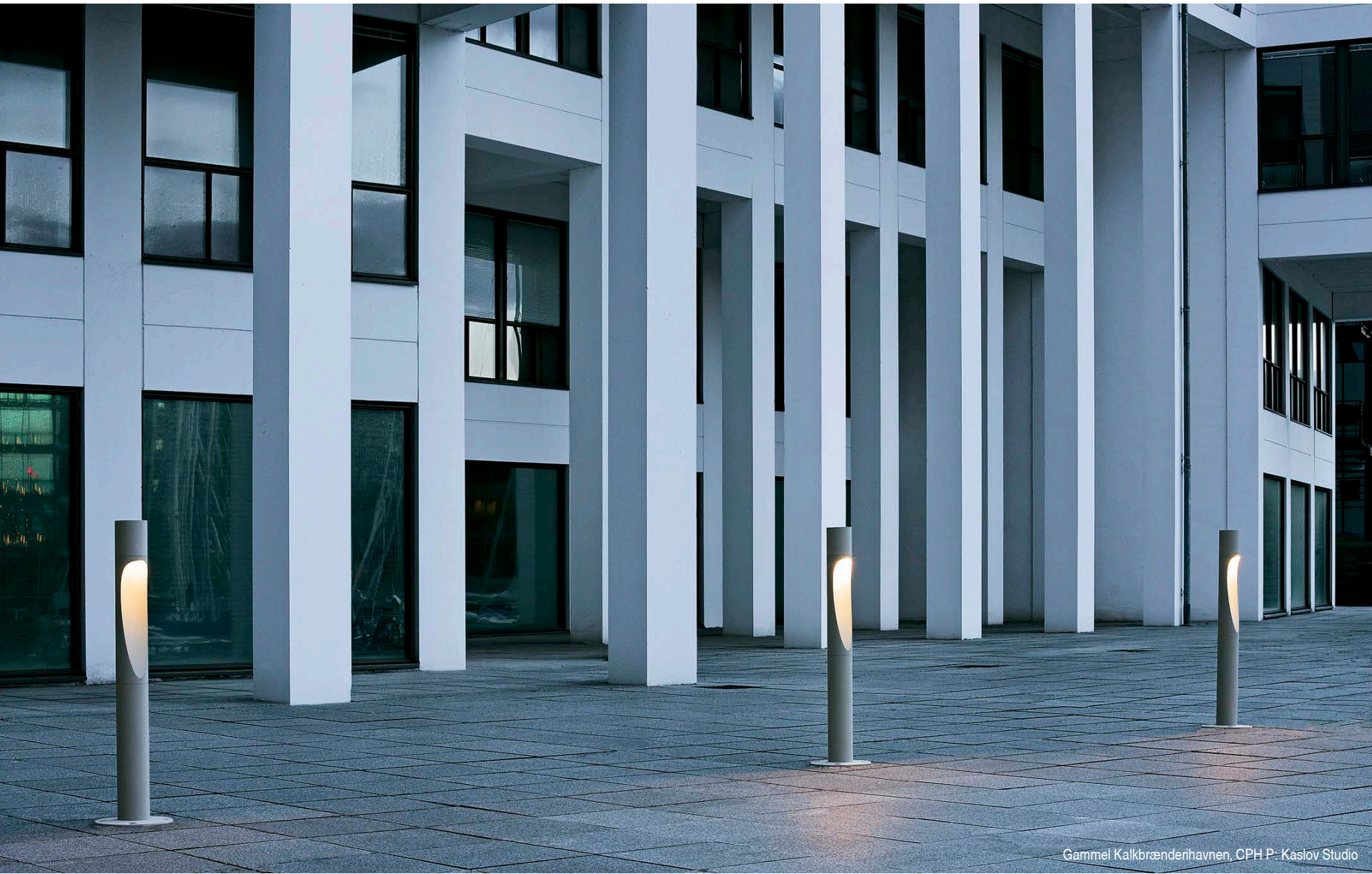
LIGHT TECHNOLOGY

The Flindt Bollard is fitted with two LED light sources, emitting in total approx. 585 lumens from the fixture. The two LED light sources are positioned at the top of the light slit so that they emit both horizontal and vertical light.





Vallensbæk P: Kaslov Studio



Gammel Kalkbrænderhavnen, CPH P: Kaslov Studio

Flindt Bollard

Design: Christian Flindt

Concept: The fixture emits an asymmetrical non-glaring wide light directed downwards. The light creates an organic pattern on the surface where the bollard is mounted.

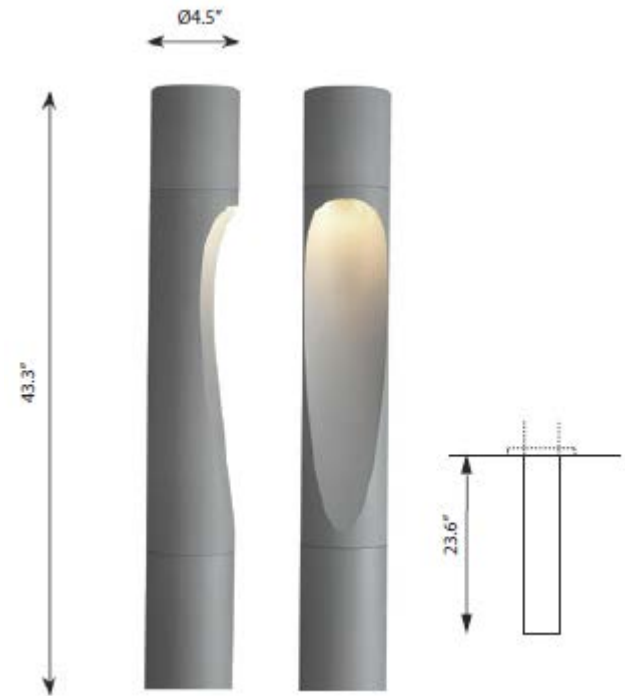
Finish: Aluminum colored with textured surface, powder coated.

Material: Top: Cast aluminum. Reflector part: Cast aluminum. Post: Extruded aluminum.
Base plate: Cast aluminum.

Mounting: Base plate dimension: 11" diameter. Base plate: Mounted to a concrete base with 4 galvanized steel anchor bolts. Base plate accessory kit of stainless steel lag bolts with anchors is available. Direct burial option includes cross-bar for stabilization and slots for conduit entry.

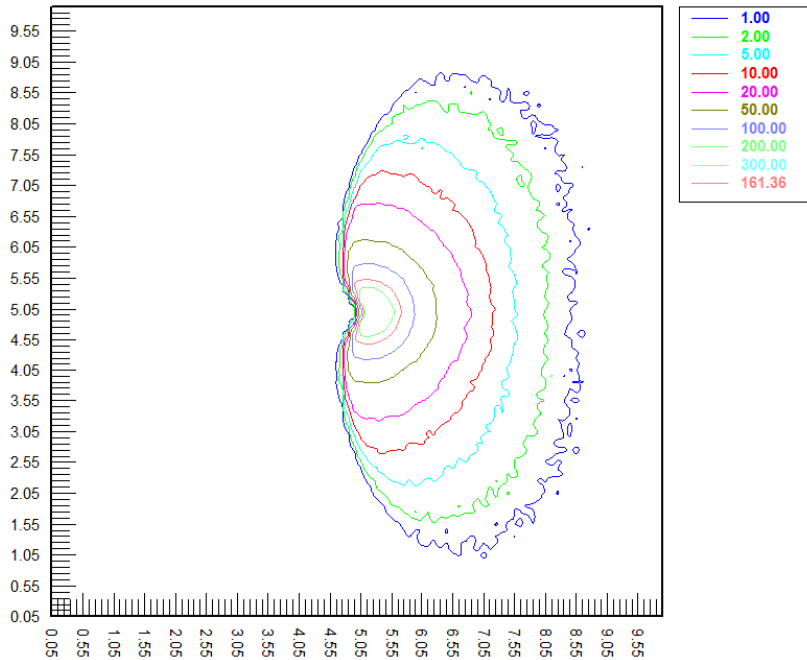
Weight: Max 18 lbs.

Label: cULus, Wet location. IBEW.



Product code	Light source	Voltage	Finish	Pole/Post	Features
FLINDT-B	15W LED 3000K 15W LED 4000K	120-277V	NAT PAINT ALU	POST W/BASE PLATE POST W/DIRECT BURIAL	DIM 0-10V

Flindt Bollard



Facts	
System power:	15W
Lumen package:	585 lm
Efficiency:	39 lm/W





The Flindt Bollard is the winner of the 2014 Elforsk Prisen award.

“My goal was to develop a bollard which, in practice, could show the decision-makers that LED is the correct solution for outdoor lighting.”

Christian Flindt, Designer.

“The primary goal of any outdoor lighting solution is to provide users with a good experience – both in darkness, when the light is to create atmosphere and security, and during the day, when the bollard itself is to make a positive contribution to the urban environment.”

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**louis
poulsen**

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