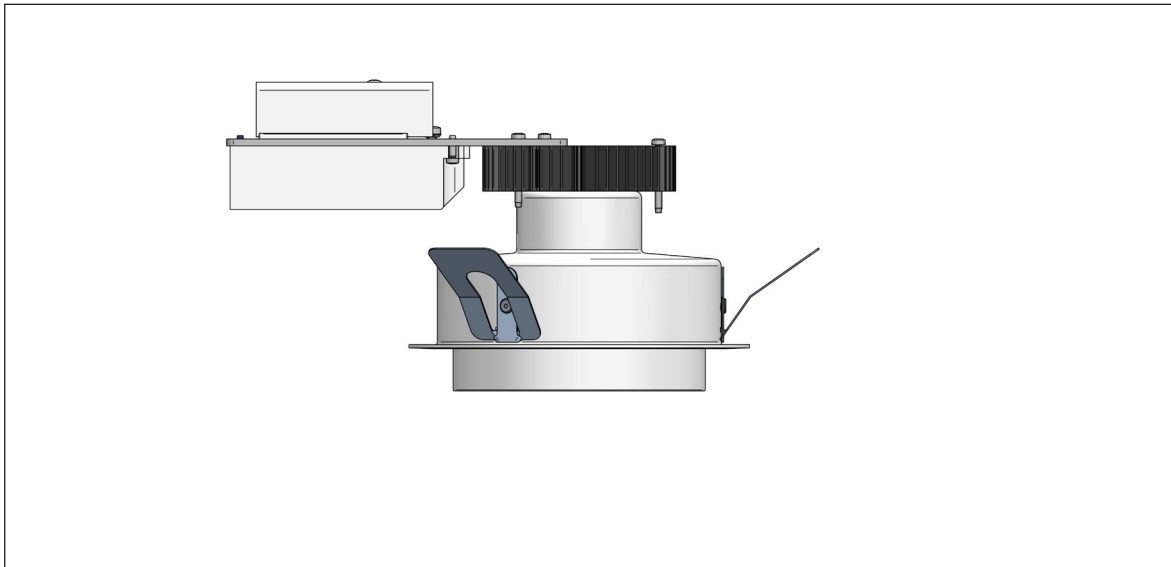# Punkt Lamp 150

Design: focus lighting

The design of the **Punkt Lamp** is dominated by the inner shade in mouth-blown glass, spreading the light in a pleasant and beautiful way.

The new LED versions of the Focus Punkt Lamps combine diffuse light and spot light. Thus they meet the requirements of the European standard for general lighting in indoor work places. The LED is hidden behind a diffuser, and no inside components are visible. Furthermore, the diffuser contributes to an even illumination of the glass shade, and the visual appearance of the Punkt Lamp with LED fully matches that of the conventional incandescent lamps.

Size:
150 mm diameter
Oter Punkt lamps: 65, 90, 110, and 200 mm
Finish:
White or grey metallic with shade in opal-white glass
Light sources for Punkt 150:
The 150 mm Punkt lamp is availabe with Bridge-lux V8 LED. V8 is a compact light source with high output and true colour reproduction.

Mounting:
All Punkt lamps are approved for recession in various types of ceilings. With a special waterproof cover, they can be used in bath rooms and outdoors in roofs and carports.
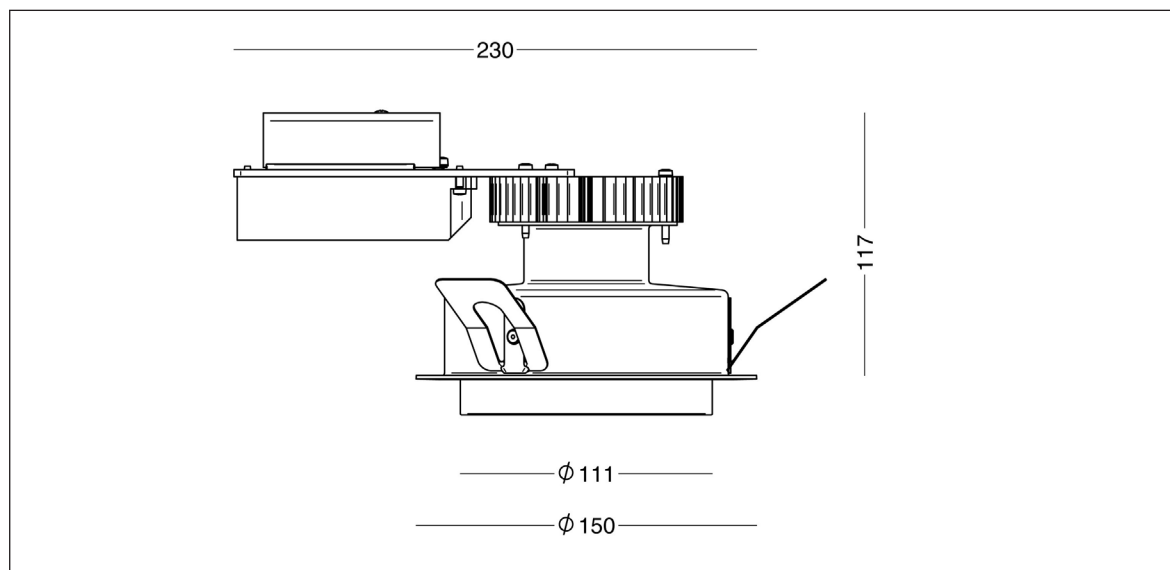
Punkt Lamp 150:
11 W - Can be recessed into isolated ceilings.
16 W - Un-isolated ceilings only.

FOCUS-LIGHTING

Punkt Lamp 150 - LED

Design: focus lighting

Luminaire specification:

Material:	Aluminium
Shade:	Opal-white glass cylinder
Mounting:	To be recessed
	(with 16 W in unisolated ceiling only)
Cut-out:	Ø132-134 mm in 6-15 mm plates
	Ø136-138 mm in15-35 mm plates
Clearances:	Horizontally: min 45 mm
Height:	min 117 mm from lower edge of ceiling
Connection:	230 V, box with 5-pole terminal block
Classification:	IP20, class I
Weight:	0.9 kg
Options:	3 mm glass shade - specification below
	Ring for soft ceilings

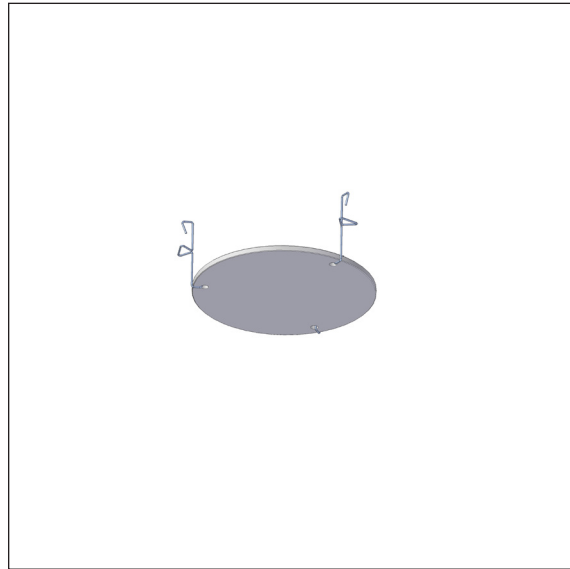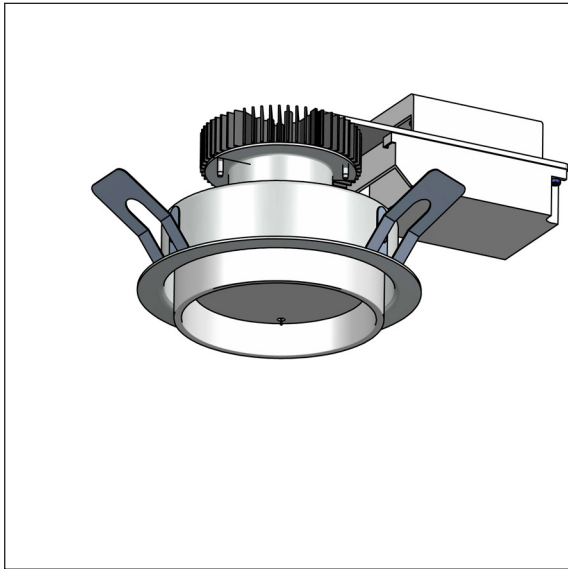## Lamp and driver specification:

LED type:	Bridgelux V8
Total consumption:	16 W (700 mA), alt. 11 W (500 mA)
Operationel life:	min 100,000 hours at t_a max 25°C, L90B10
Colour temperature:	2700, 3000, or 4000° Kelvin
Energy eff. class:	F
Colour rendering:	min 90 Ra
Colour accuracy:	3 steps SDCM
Driver:	Helvar LED driver, 350-700 mA
	Option for dimmable driver
Operational life:	min 50,000 hours

Product codes

Punkt Lamp 150 LED

Item No.	Lamp type	Select colour, colour temperature, etc in the table below.		
2893-	11 W V8, 500 mA			
2898-	16 W V8, 700 mA			

To be combined with:	Colour		Colour temperature		Dimmable driver		
	2	white w. glass	927	2700 K, 90 Ra	empty	no dimming	
	9	grey metallic w. glass	930	3000 K, 90 Ra	V	1-10 V	
			940	4000 K, 90 Ra	D	Dali	
	Example: 2898-2930V = Punkt Lamp 150, 16 W LED, 3000 K, white w. glass, dimmable1-10 V						

Options	
20152	3 mm glass shade
2030-20	Ring for soft ceilings

FOCUS-LIGHTING

Punkt Lamp 150 - glass shade

Design: focus lighting

Product specification:

Material:	Sandblasted glass
Assembly:	The glass shade is attached to the inner cylinder.
	For replacement of lamp, cylinder and shade are dismantled in one piece.
Dimensions:	Ø 90 mm, H 3 mm
Light diffusion:	85 per cent

FOCUS-LIGHTING