



The ultimate task light, evolved

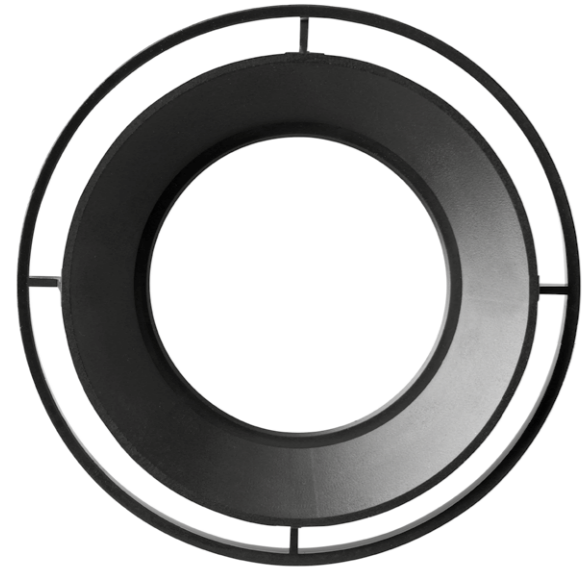
Product: w227 Winkel alu

For the 10-year anniversary of w127 Winkel, we present w227 Winkel alu: the evolution of our bestselling task light, that takes its bold design to a new level, it has been completely re-engineered with one clear goal: to get more out of less. Now based on aluminium, this next-generation task light uses significantly less material and features new, slimmer arm profiles and joints, an extended movement range and an evolved light technology. With its unique and exceptional performance, w227 Winkel alu truly redefines state-of-the-art, high-end task lighting.

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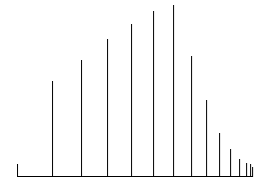
Design: Dirk Winkel, 2022

Features: Less is more  
High-performance light  
Efficient glare protection  
Recycled and recyclable aluminium  
Full-spectrum LED



## Efficient glare protection

w227 Winkel alu features an effective anti-glare construction that prevents glare without any significant light loss.



## Full-spectrum LED

Designed to recreate the full, uninterrupted colour spectrum of sunlight, full-spectrum light has a rich, profound quality that is impossible to achieve with the limited spectrum of a standard LED. Full-spectrum light also offers superior colour rendering, making it an ideal choice for environments where correct colour perception is a vital aspect.

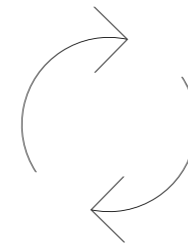


## Adapts effortlessly

Designed to adapt seamlessly to modern working environments, w227 Winkel alu offers two mounting options – base or pin – and is available in both white and black.

## High-performance light

w227 Winkel alu's entire concept is built on providing state-of-the-art light, and in this, it truly excels. Built around a COB LED, it is a well-thought-through, precisely engineered lighting solution in a system of several individual components. Each of these plays its own vital role in delivering a generous yet incredibly even spread of high-quality, dimmable light over a large surface.

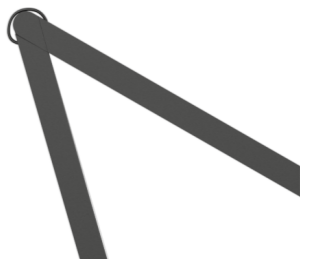


## Recycled and recyclable aluminium

Not only is aluminium a tried-and-tested, classic and infinitely recyclable material – its strength and lightness allow for robust, resource-efficient constructions. w227 Winkel alu consists of partly recycled aluminium, which itself can be recycled at the end of its long lifespan.

## Less is more

w227 Winkel alu delivers even more pared-down dimensions and aesthetics than its predecessor, while surpassing it in flexibility. Designed to require as little material as possible, its slender arms and joints are now hollow, allowing previously visible cables and springs to be concealed.

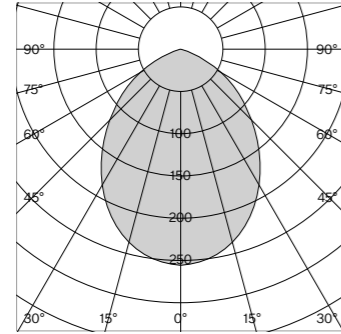


# Technical information

## Luminous intensity distribution (polar)

### w227 Winkel alu

**Luminous flux:** 497 lm  
**Efficacy:** 60 lm / W

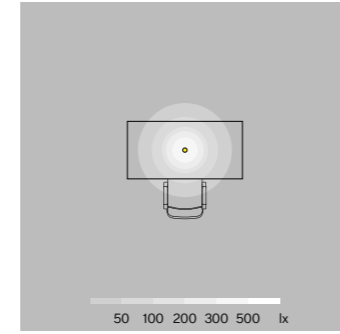


● C0/C180  
○ C90/C270

cd

## Light calculation: single workplace

**Fixture height:** 0.40 m



### Calculation surface

Desk dimensions 1.6 × 0.8 m  
Workplace area 0.6 × 0.6 m  
Average illuminance ( $E_m$ ) 712 lx  
Max. illuminance 1284 lx

Physical	Mounting	Article-specific information
	<b>Material</b>	Lamp body: aluminium Base & pin: steel Diffuser: acrylic Reflector & glare shade: polyamide
	<b>Colour</b>	Article-specific information
	<b>Operation</b>	Integrated dimmer switch
	<b>Net weight</b>	Article-specific information
	<b>IP rating</b>	20

LED	Light source	COB LED (included)
	<b>Lifetime expectancy</b>	L80 / 50,000 h
	<b>Colour temperature (CCT)</b>	3000 K
	<b>Colour rendering index (CRI)</b>	97
	<b>Standard deviation of colour matching</b>	3-step MacAdam
	<b>Replaceable by a professional</b>	

Optics	Diffuser	
	<b>Reflector</b>	
	<b>Glare protection</b>	

Electronics	System power	8.2 W
	<b>Voltage</b>	100–240 V
	<b>Light control</b>	Dimmable
	<b>Insulation class</b>	III

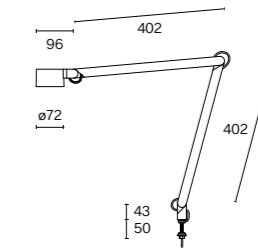
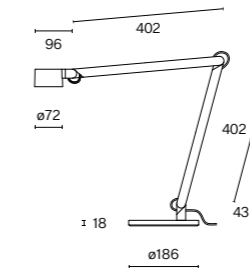
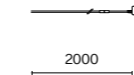
Available early 2023

Latest technical  
information online



## w227 Winkel alu b

## w227 Winkel alu p



## Article-specific information

Version	b	p
<b>Mounting</b>	Base	Pin – integrated (hole $\varnothing$ 14 mm)
<b>Net weight</b>	4.0 kg	0.5 kg
<b>Colour</b>	<b>Art. No.</b>	<b>Art. No.</b>
<b>Traffic white (RAL 9016)</b>	227B20230	227P20230
<b>Jet black (RAL 9005)</b>	227B20530	227P20530