The ultimate task light

Product: w127 Winkel

w127 Winkel is designed to provide the best
possible task light at a feasible price. Today, it is our
flagship product, our most award-winning and best-
selling task light, a favourite among many renowned
architects — and with good reason. We spent over
three years developing what we consider to be the
most refined task light ever seen: a sublime unity
of parts, where every design choice is based on
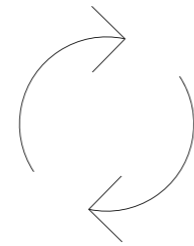providing light that is nothing less than perfect.

Design: Dirk Winkel, 2012

Features: High-performance light
                Renewable and recyclable biopolyamide
                Efficient glare protection
                Full-spectrum LED

High-performance light

w127 Winkel'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. Thanks to the biopolyamide material's heat insulating qualities, paired with a sophisticated heat management system, powerful light can be combined with safe handling and a long lifespan.
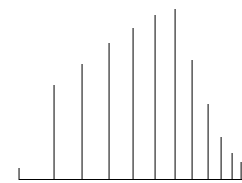
Advanced mechanics with nothing to hide

w127 Winkel's arms are pure, solid biopolyamide, with the power cord and micro-spring attached to their exterior, fully visible; this well-planned arm and joint construction provides stability and flexibility, all the way from shade to table mount. We see the design as a celebration of this material — straightforward, solid and honest, with no second skin, no coat of paint, and nothing to hide.

Renewable and recyclable biopolyamide

Together with German chemical company BASF, we've created a product with no compromise on quality, the environment or tactility. A high-performance recyclable biopolyamide material — based on over 60% biologically sourced material from the castor plant — provides all the advantages of plastic, while minimising its disadvantages.

Efficient glare protection

w127 Winkel features an effective anti-glare construction that guarantees glare protection without significant loss of light.

Versatile mounting

The w127 Winkel family is designed for maximum versatility, with several mounting options — base, clamp, pin — as well as a range of adapters for integration with table systems from various furniture manufacturers.
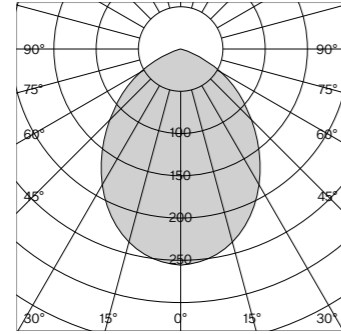
Full-spectrum LED

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.
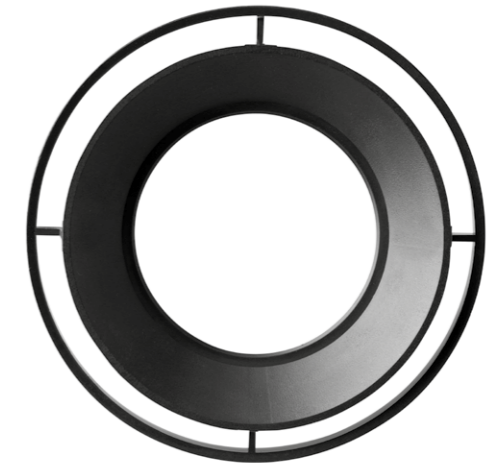
Technical information
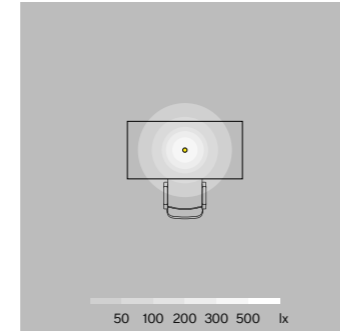
Luminous intensity distribution (polar)	**w127 Winkel** **Luminous flux:** 497 lm **Efficacy:** 60 lm / W	**Light calculation:** single workplace **Fixture height:** 0.40 m

○ C0/C180   cd
◎ C90/C270

50   100   200   300   500   lx

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
	Material	Lamp body, shade & glare shade: solid biopolyamide
		Heat sink: aluminium; Diffuser & reflector: polycarbonate
		Base/clamp: solid biopolyamide & steel
		Wall/Rail bracket: aluminium; Pin: stainless steel
	Colour	Article-specific information
	Operation	Integrated dimmer switch
	Net weight	Article-specific information
	IP rating	20

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

Optics	Diffuser	
	Reflector	
	Glare protection	

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

Packaging	Dimensions	L54 × W38 × H10 cm (0.02 m³)
	Gross weight	Article-specific information

Latest technical information online

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w127 Winkel b2	**w127 Winkel c2**	**w127 Winkel p2**
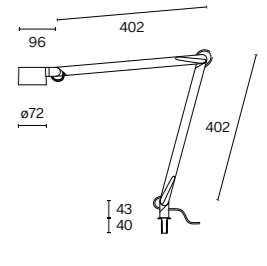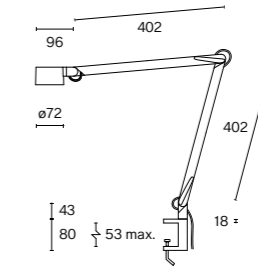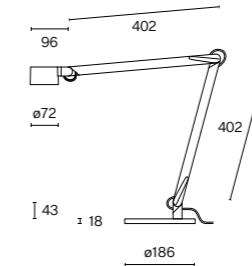
Article-specific information

Version	b2	c2	p2
Mounting	Base	Clamp	Pin — integrated (hole ø 12 mm)
Arm	Two arms	Two arms	Two arms
Gross weight	5.2 kg	2.4 kg	2.2 kg
Net weight	2.4 kg	0.8 kg	0.6 kg

Colour	Art. No.	Art. No.	Art. No.
White	127B202	127C202	127P202
Black ●	127B205	127C205	127P205
Grey ●	127B204	127C204	127P204